

TECHNICAL MANUAL

**Operator, Organizational, Direct Support, General Support
and Depot Maintenance Manual
Including Repair Parts and Special Tools Lists**

DIGITAL READOUT ELECTRONIC COUNTER AN/USM-207A

(SERIAL NUMBERS 1A THROUGH 1100A)

This copy is a reprint which includes current
pages from Changes 1 and 2.

HEADQUARTERS, DEPARTMENT OF THE ARMY

DECEMBER 1973

**Operator's, Organizational, Direct Support, and General Support
 Maintenance Manual Including Repair Parts and Special Tools List
 (Including Depot Maintenance Repair Parts and Special Tools)**

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 (SERIAL NUMBERS 1A THROUGH 1100A)
 (NSN 6625-00-044-3228)**

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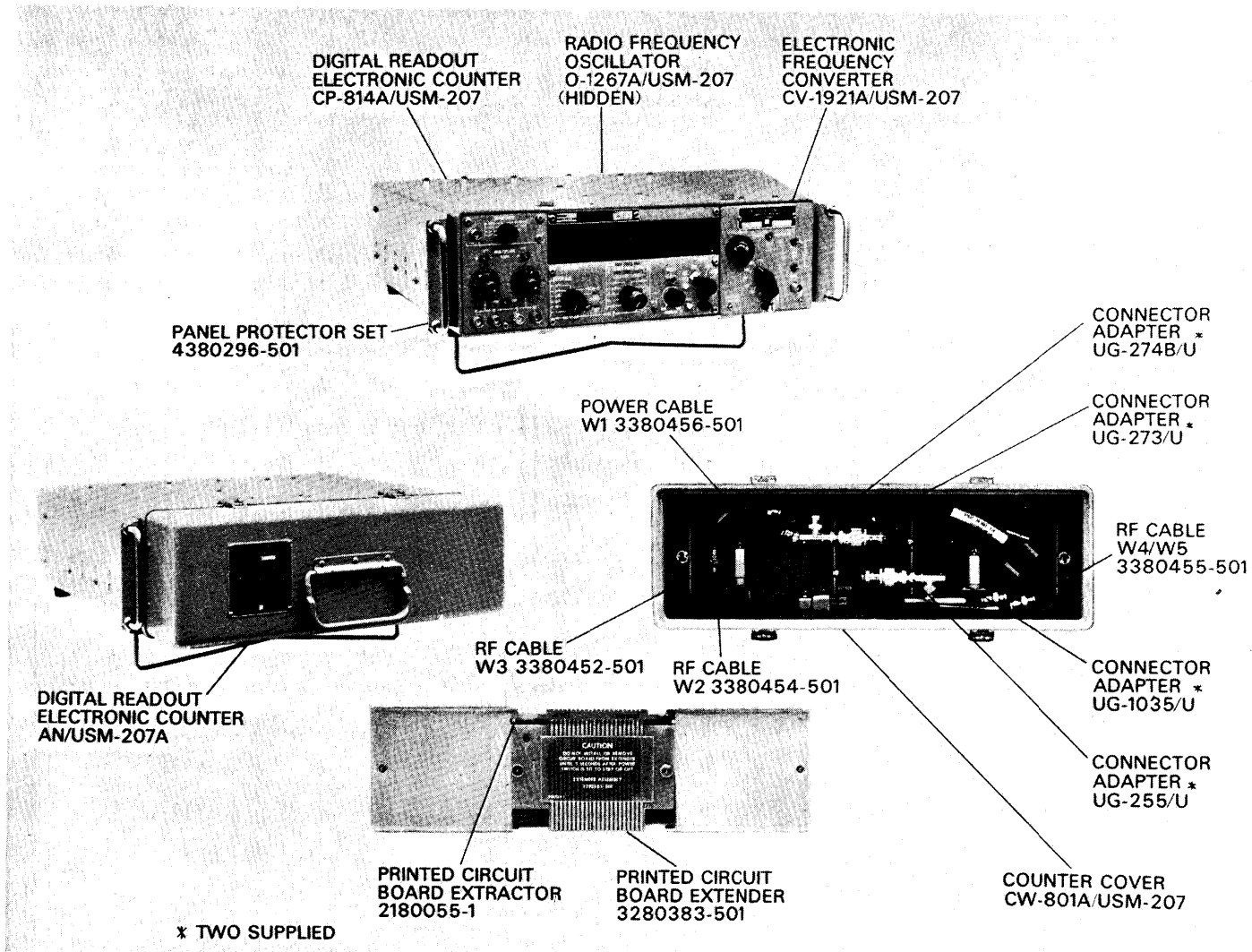


Figure 1-1. Digital Readout Electronic Counter AN/USM-207A

SECTION A GENERAL

A-1. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310.7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO'S) pertaining to the equipment.

A-2. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. **Maintenance** forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

b. Report of Packaging and Handling Deficiencies, Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST 4030.29/AFR 71-13/MCO P4030.29A and DSAR 4145.8.

c. Discrepancy in Shipment Report (DISREP) (SF361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33A/AFR 75-18/MCO P4610.19B and DSAR 4500.15,

A-3. Reporting of Errors

The reporting of errors, omissions, and recommendations for improving this publication by the individual

user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.

A-4. Administrative Storage.

Administrative of equipment issued to and used by Army activities shall be in accordance with TM 740-90-1.

A-5. Destruction of Army Electronics Materiel.

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

A-6. Reporting Equipment Improvement Recommendations (EIR).

EIR's will be prepared using DA Form 2407, Maintenance Request. Instructions for preparing EIR's are provided in TM 38-750, the Army Maintenance Management System. EIR's should be mailed directly to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703. A reply will be furnished directly to you.

NOTE

The maintenance allocation chart is in appendix B. The repair parts list is in appendix C. Appendix C is current as of 19 October 1973.

SECTION 1

GENERAL INFORMATION

1-1. SCOPE .

This Technical Manual is in effect upon receipt. Extracts from this publication may be made to facilitate the preparation of other Department of Defense publications.

1-2. GENERAL DESCRIPTION.

The AN/USM-207A is a portable, solid-state electronic counter for precisely measuring and displaying on an 8-digit numerical readout the frequency and period of a cyclic electrical signal, the frequency ratio of two signals, the time interval between two points on the same or different signals, and the total number of electrical impulses (totalizing). The counter also provides the following types of output signals:

- a. Standard signals from 0.1 cps to 10 mc in decade steps derived from a 1-mc frequency standard, frequency dividers, and a frequency multiplier;
- b. Input signals divided in frequency by factors from 10 to 108 by a frequency divider;
- c. Digital data of the measurement in four-line binary-coded-decimal form with decimal point and control signals for operation of printers, data recorders, or control devices; and
- d. A 1-mc output from a frequency standard.

1-3. DESCRIPTION OF UNIT.

The AN/USM-207A consists of a major counter assembly, two plug-in assemblies which install in recesses on the front and rear panel, and a group of accessory cables and connectors stored in the detachable front cover.

DIGITAL READOUT ELECTRONIC COUNTER CP-814A/USM-207. - The major assembly Digital Readout Electronic Counter CP-814A/USM-207 contains the input amplifiers; gate control; display, reset and transfer control; frequency multipliers; time base dividers; decade and readout boards; numerical display tubes; decimal point and units indicators; power supply and regulator; and control associated with these circuits.

RADIO FREQUENCY OSCILLATOR 0-1267A/USM-207. - This plug-in assembly develops a 1-mc signal and includes its own power supply. The oscillator includes the 1-mc output receptacle which may be used as a source of that frequency when the oscillator is connected to ac power through the basic counter or when connected to the power line independently of the counter. The counter may be operated without the oscillator in totalizing, scaling the input signal, time interval with external clock, and frequency ratio measurements. For other measurements the counter does not require the oscillator when a separate external 100-kc or 1-mc signal is connected. In either of those two situations the oscillator may be left in the counter or removed. The oscillator plugs into the right rear of the counter.

ELECTRONIC FREQUENCY CONVERTER CV-1921A/USM-207. - This plug-in assembly permits measurement of frequencies up to 500 mc using the heterodyne principle. The unit consists of the broadband amplifier, mixer, multiplier, and controls and indicators associated with these circuits. When measurements other than heterodyne frequency measurement are made, the converter is not required, but need not be removed. The converter also permits the measurement of signals from 35 mc to 100 mc with a greater sensitivity than available with the basic counter. The converter plugs into the right front of the counter.

d. COUNTER COVER CW-801A/USM-207. - The CW-801A/USM-207 protects the front panel of the counter when not in use and provides storage space for the power cable, printed circuit board extender, printed circuit board extractor, two rf cables, six adapters, two tee connectors, two plug-in test cables, and the Operating Manual.

1-4. REFERENCE DATA.

The AN/USM-207A is designed for continuous operation in ambient temperatures from -28° C to + 65° C with relative humidity to 95 percent, except that performance above 50° C is limited to operation with an external frequency standard. Within this range, the equipment will operate with the performance and accuracy specified below.

- a. **FREQUENCY MEASUREMENT.** -
 - (1) Range (with converter): 0 cps to 500 mc.
 - (2) Range (without converter): 0 cps to 100 mc.
 - (3) Input channel: A (ac coupled), C (ac or dc coupled), or converter (ac coupled).
 - (4) Input amplitude.
 - (a) Channel A input: 0.1 to 300 volts rms from 1.0 cps to 10 mc with 8 db/octave roll-off below 10 cps; 0.1 volt rms to 100 volts rms from 10 mc to 100 mc.
 - (b) Channel C input 0.1 volt rms to 425 volts rms, from 0.0 cps to 1 mc when dc coupled; ac coupled same as dc coupled except lower limit is 10 cps.
 - (c) Converter input: 0.01 volt to 10 volts rms from 35 mc to 500 mc.
 - (5) Input impedance.
 - (a) Channel A input: 1 megohm \pm 10% shunted by 30 pf maximum.
 - (b) Channel C input: 1 megohm \pm 10% shunted by 30 pf maximum.
 - (c) Converter input: 50 ohms nominal.
 - (6) Readout units: In direct frequency measurement, readout is in kc and mc with automatically positioned decimal point; with frequency conversion, readout in mc is added to or subtracted from converter mixing frequency selector switch reading in mc.
 - (7) Gate times: 1 Wee, 10 Met, 100 μ sec, 1 ms, 10 ms, 100 ms, 1 second, 10 seconds.
 - (8) Accuracy: \pm 1 count \pm time-base accuracy.

b. PERIOD MEASUREMENT. —

- (1) Input channel: B
- (2) Input range: Dc coupled, 0.0 cps to 1 mc for single period, and 0.0 cps to 300 kc for average of multiple periods; ac coupled, same as dc coupled, except lower limits are 10 cps.
- (3) Input amplitude: 0.1 volt rms to 425 volts rms.
- (4) Input impedance: 1 megohm $\pm 10\%$ shunted by 30 pf maximum.
- (5) Number of periods averaged: 1, 10, 10², 103, 104, and 105.
- (6) Frequency counted 1 cps to 10 mc in decade steps for 1 period and 10 period average measurements; 10 cps to 10 mc in decade steps for 102 period average measurement; 100 cps, to 10 mc in decade steps for 103 period average measurement; 1 kc to 10 mc in decade steps for 104 period average measurement; 10 kc to 10 mc in decade steps for 105 period average measurement.

(7) Readout units: Time of a single period in microseconds, milliseconds, and seconds with automatically positioned decimal point.

(8) Accuracy:

* Time-base accuracy

$$\pm \frac{\text{trigger error} \pm \frac{\text{frequency (unknown)}}{\text{frequency counted}}}{\text{Number of periods averaged}}$$

c. FREQUENCY—RATIO MEASUREMENT. —

- (1) Numerator input: Same as for frequency input as listed in paragraph a.
- (2) Denominator (B) input: Same as for channel B as listed in paragraph b.
- (3) Multipliers: 1, 10, 10², 10³, 10⁴, 10⁵.

(4) Readout: $\frac{\text{Numerator input}}{B}$

ically positioned decimal point (no units).

(5) Accuracy: ± 1 count \pm trigger error of B.

d. TIME-INTERVAL MEASUREMENT. —

- (1) Input channels: B (start) and C (stop) inputs may be switched to common signal or to separate signals to provide time interval between points on one or two waveforms, respectively.
- (2) Input signals: Same characteristics as listed for period measurement in paragraph b. When common input signal is used, input impedance is 500k shunted by 60 pf maximum.
- (3) Range: 1 μ sec to 108 seconds.
- (4) Time-base frequency counted: 1 cps to 10 mc in decade steps.
- (5) Accuracy: * 1 count \pm time-base accuracy.
- (6) Readout units: Microseconds, milliseconds, or seconds with automatically positioned decimal point.

TIME INTERVAL MEASUREMENT, EXTERNAL CLOCK (A/B)

(1) Input channels A, B, and C. Channel C input may be switched to common signal or to separate signals to provide count of channel A signal pulses between points on one or two waveforms, respectively.

(2) Range:

$$\frac{1 \text{ cps to } 100 \text{ mc}}{\text{Time B} \rightarrow \text{C } 21 \mu\text{sec}}$$

(3) Accuracy: ± 1 count.

f. TOTAL COUNT. —

- (1) Count range: 0 to 99,999,999.
- (2) Maximum counting rate: 100 mc.
- (3) Input channel A, C, or converter.
- (4) Input signal characteristics: Same as for frequency measurement as listed in paragraph a.
- (5) Start and stop: Front panel control.

g. DISPLAY. —

- (1) Number of digits: 8 digits: 8 digits with automatically positioned decimal point.
- (2) Units displayed: Microseconds, milliseconds, seconds, megacycles, kilocycles.
- (3) Display tubes: In-line biquinary display tubes.
- (4) Storage: Power switch selects (a) storage of a displayed count while the next count is being accumulated, and display changes only when new count changes; or (b) continuous display or counting between display periods.

(5) Display time: Adjustable from less than 0.1 second to greater than 5.0 seconds, independent of gate time. Display-time control includes an infinite-display-time position.

h. TIME BASE. —

- (1) Source: 1-mc internal crystal oscillator.
- (2) stability: * 1 part in 10⁹ in 1000 seconds after 2-hours stabilizing time.

(3) Drift: Not more than ± 1 part in 10⁸ per week after 48 hours stabilizing time.

(4) Coarse adjustment: Screwdriver-type control varies 1-mc output approximately ± 5 parts in 107.

(5) Fine adjustment: Screwdriver-type control varies 1-mc output approximately ± 500 parts in 1010.

i. REFERENCE FREQUENCY INPUT. —

- (1) Frequency 100 kc or 1 mc.
- (2) Amplitude: 0.5 volt rms to 10 volts rms.
- (3) Input impedance: 1000 ohms $\pm 10\%$ shunted by 30 pf maximum.

j. TRIGGER ERROR. — Not greater than 0.3 percent for sine-wave signals having at least 40 decibels signal-to-noise ratio and 0.1-volt rms amplitude.

k. STANDARD 1-MC OUTPUT. — Sinusoidal, 1-volt peak-to-peak minimum, 50-ohm output impedance.

l. STANDARD FREQUENCY. —

- (1) outputs 0.1 cps, 1 cps, 10 cps, 100 cps, 1 kc, 10 kc, 100 kc, 1 mc, 10 mc.
- (2) Output impedance: 50 ohms
- (3) Peak amplitude for all outputs: 1.5 * 0.5 volts.

(4) Waveshapes: 0.1 cps through 10 kc, positive rectangular pulses; 100 kc, positive, approximately rectangular pulses; 1 mc, positive square wave; 10 mc, sine wave.

m. SCALED OUTPUTS. —

(1) Frequency Input signal applied to channel A, Channel C, or converter, divided by any decade factor from 10 to 108. Input signal is as specified in paragraph a.

- (2) Output impedance: 50 ohms nominal.
- (3) Peak amplitude for all outputs: 1.5 ± 0.5 volts.

(4) Waveshapes: Input divided by 10³ through 10⁵, positive recta. rectangular pulses; input divided by 10³, positive, approximately rectangular pulses; input divided by 10, positive square waves.

n. PRINTER INTERFACE. —

(1) Each of 8 digits has a corresponding 4-line binary-coded decimal (1-2-4-8) "0" false level, more positive than + 9.0 volts; "1" true level, more negative than ± 0.5 volt; source impedance, approximately 10 k each line.

(2) Decimal-point data is represented by a 4-line binary-coded decimal (1-2-4-8), which corresponds to the 7 decimal point (D-0 through D-6) with D-0 at the right; "0" false level, more positive than + 10.0 volts; "1" true level, more negative than + 0.5 volt; code line 8 is always false; source impedance, approximately 10 k each line.

(3) Print-command signal at end of counting cycle; negative pulse from a voltage more positive than + 11.5 volts to a voltage less positive than + 1.5 volts; output impedance approximately 10 k.

(4) Reset inhibit: Connection to ground.

(5) + 12 volts at up to 0. 1 ampere for coding of printout.

o. RESET. — Pushbutton switch.

p. OPERATING TEMPERATURE. —

(1) 0°C to 50°C when operating with internal time base.

(2) -28°C to +65°C when operating with external reference frequency input used as time base,

q. STORAGE TEMPERATURE. — -62°C to +75° c.

r. RELATIVE HUMIDITY. — 115 vac ±10%, 50/60 cps ±5%, or 400 cps ±10%, 115 watts maximum.

POWER REQUIREMENTS.

s. WEIGHT. — 51 pounds.

u. DIMENSIONS. — See table 1-1.

1-5. EQUIPMENT SUPPLIED.

The equipment supplied with AN/USM-207A is listed in table 1-1. In addition to the basic counter, two plug- in units, and the cover, it includes accessory cables, connectors, adapters, printed- circuit board extender, printed-circuit board extractor, two panel protectors, two copies of the Operators' Manual, and two copies of the Technical Manual. As shipped, all accessories and one copy of the Operators' Manual are stowed within the cover.

1-6. EQUIPMENT AND PUBLICATIONS REQUIRED BUT NOT SUPPLIED.

A list of all equipments and publications required but not supplied is provided in table 1-2.

1-7. FACTORY OR FIELD CHANGES.

Digital Readout Electronic Counter AN/USM-207A is a new instrument no factory or field changes have been made as of date of issue.

1-8. PREPARATION FOR RESHIPMENT.

Electronic equipment must be packed with special care. The package in which the equipment is originally shipped is designed to give the instrument full protection from adverse environments and from the shock and vibration incurred in shipment. It should be preserved and utilized for reshipment wherever possible. When preparing the AN/USM-207A for shipment, stow all accessories within the holders inside the cover of the instrument, and lock the cover in place. If the factory-designed package is not in satisfactory condition, pack in accordance with MIL-P-116 and MIL-E-17555E.

TABLE 1-1. EQUIPMENT SUPPLIED

QTY PER EQUIP	NOMENCLATURE		OVER-A DIMENSION (IN.)			VOLUME (CU FT)	WEIGHT (LB)
	NAME	DESIGNATION	HEIGHT	WIDTH	DEPTH		
1	Counter Cover	CW-801A/USM-207	6.20	17.00	4.75	0.29	
1	Digital Readout Electronic Counter	CP-814A/USM-207	6.30	17.00 19.00:	19.00	1.16	37.75 40.00 ‡
1	Electronic Frequency Converter	CV-1921A/USM-207	4.75	4.69	8.00	0.10	4
1	Radio Frequency Oscillator	0-267A/USM-207	4.62	4.14	8.00	0.09	5
	Digital Readout Electronic	AN/USM-207A	6.50	17.00 19.00*	22.00	1.41	53.75 56.00 ‡
2*	Connector Adapter	UG-255/U	—	—	—	—	—
2*	Connector Adapter	UG-273/U	—	—	—	—	—
2*	Tee Connector	UG-274B/U	—	—	—	—	—
2*	Connector Adapter	UG-1035/U	—	—	—	—	—

* Part of Counter Cover CW-801A/USM-207

‡ With side panels and handles.

TABLE 1-1. (Continued)

QTY PER EQUIP	NONMENCLATURE		OVER-ALL DIMENSIONS (IN.)			VOLUME (CU FT)	WEIGHT (L B)
	NAME	DESIGNATION	HEIGHT	WIDTH	DEPTH		
1*	Electrical Power Cable Assy	3380456-501(8.10ft)					
1*	Printed Circuit Board Extender	3380383-501	4.9	6.0	0.31		
1*	Printed Circuit Board Extractor	2180055-1	1.75	5.8	0.125 rod dia		
1*	Radio Frequency Cable Assy	3380454- 501(15 in)					
1*	Radio Frequency Cable Assy	3380452-501(13. 5in)					
2*	Radio Frequency Cable Assy	3380455-501(8.25ft)					
2	Operators' Manual (Volume 2) for Digital Readout Electronic Counter AN/ USM-207A	NAVSHIPS 0969-125-0020	11	8.5	0.2		
2	Technical Manual (Volume 1) for Digital Readout Electronic Counter AN/USM-207A	NAVSHIPS 0969-125-0010	11	8.5	1.75		
1	Right- Hand Panel Protector, w/6 Mounting Screws	4380296-503	4.60	18.25	1.18		1
1	Left- Hand Panel Protector, w/6 Mounting Screws	4380296-502	4.60	18.25	1.18		1

*Part of Counter Cover CW-801A/USM-207

TABLE 1-2. EQUIPMENT AND PUBLICATIONS REQUIRED BUT NOT SUPPLIED

QTY PER EQUIP	NOMENCLATURE		REQUIRED USE	REQUIRED CHARACTERISTICS
	NAME	DESIGNATION		
1	Audio Oscillator	4N/URM-127	Trouble shooting of A, B, and C Amplifiers, and external time- base source in reference standards procedures.	Minimum frequency range: 800 cps to 110 kc. Output amplitude: Continuously variable from less than 1 millivolt rms to 10 volts rms.
1	DC Differential Voltmeter	(AN/USM-93)	Precision measurement of power- supply output voltages.	Voltages: 0 to ± 300 volts. Input impedance: 1 meg-ohm minimum. Accuracy: ± 1%.
1	DC Power Supply	PP-3140/G	Test and repair of 1-mc oscillator.	Output voltage: Adjustable from 20 volts to 30 volts at 1 ampere minimum. Load regulation: 0.02%.
1	Attenuator	CN-996/U		

TABLE 1-2. (Continued)

QTY PER EQUIP	NOMENCLATURE		REQUIRED USE	REQUIRED CHARACTERISTICS
	NAME	DESIGNATION		
1	Frequency Error Expander	Motorla Model S1061AR	Temperature setting in the 1-mc oscillator.	Frequency error multiplication: 10 ³ .
1	Oscilloscope	use AN/USM-281JI	Waveform analysis of frequencies below 22 mc and low- frequency voltage and ripple measurement	Minimum frequency range of vertical channel: DC to 22 mc. Sweep mode: Internal/ external. Internal sweep time range: 0. 1 microsecond/cm to 0. 1 secon/cm minimum.
1	Oscilloscope	AN/USM- 28 1A	Waveform analysis of frequencies above 22 mc.	Minimum frequency range of vertical channel: Dc to 50 mc. Internal sweep time range: 0.05 miscrosecond/cm to 10 milliseconds/cm minimum.
1	RF Millivoltmeter	CAQI-411A AN/URM-1451	Precision voltage measurement over a wide range of frequencies.	Minium frequenY range: 1 mc to 600 mc. Accuracy: 1 mc to 100 mc: ±6%. 100 mc to 600 mc: ±12%.
1	Synthesizer	Hewlett.- Packard Model 5100B/5110A	Sensitivity check at precise frequencies.	Frequency standard input: 1 mc, 1 volt peak-to-peak sinusoidal signal from a 50-ohm source impedance. Output frequencies: 5 cps, 10 cps to 1 mc in decade steps; and 10 mc, 20 mc, 50 mc, and 100 mc. Output amplitude: 0. 1 volt rms minimum into a 1-megohrn load.
1	Variable Transformer	Superior Model 3PN116 CAG-W10MT3A (CN-16/U)	Power- supply adjustment.	Current rating: 4 amperes minimum. Input voltage: 115 volts rms ±10%. Output voltage: Adjustable from 0 to 130 volts rms. Output receptacle: Three-terminal.

TABLE 1.2 (Continued)

QTY PER EQUIP	NOMENCLATURE		REQUIRED USE	REQUIRED CHARACTERISTICS
	NAME	DESIGNATION		
1	Time-Mark Generator	Tektronix	Time-interval and frequency-ratio reference standards checks.	Trigger output: Pulse with rise time of less than 25 nanoseconds from 0 to 200 millivolts minimum into 1 megohm. Marker output: 100 kc or 1 mc; 0.5 volt to 10 volts rms into 1000-ohm load.
1	Amplifier	Hewlett-Packard Model 467A	Increase amplitude of the synthesizer output at 10 cps and 5 cps in reference- standard tests.	Provide a 100 millivolt rms minimum output from a 15 millivolt rms input, 10K ohm source.
1	VHF Signal Generator	Hewlett-Packard Model 608E or (AN/USM-44B)	Alignment of electronic frequency converter.	Minimum frequency range: 100 mc to 480 mc. Amplitude: 0 to 0.5 volt rms adjustable in cali- brated steps.
1	UHF Signal Generator	Hewlett-Packard Model 612A or AN/URM-49A	Alignment of electronic frequency converter.	Minimum frequency range: 450 mc to 650 mc. Amplitude: 0 to 0.5 volt rms adjustable in cali- brated steps.
1	Wattmeter	Hickock Model 900C or AN/URM-98	Power- supply adjustment.	Voltage range: 0 to 150 volts minimum.
2	Binding-Post Terminal Adapter	Pomona Electronics Model 1269	Facilitates connections to amplifier used in reference- standards tests.	
1	BNC Probe Adapter	Tektronix	Facilitates probing of sig- nals terminated in a BNC connector.	
2	Connector Adapter	UG201/U	Facilitates connection between uhf and vhf signal generators and counter.	
1	50-Ohm BNC Termination	Tektronix Model 011-049	Proper impedance termin- ation for counter output signals.	
1	Instruction Book for Audio Oscil- later TS-382C/U	T.O.No. 16-35 TS382-4 OR TM11-6629-261-12		
1	Instruction Book for Dc Differen- tial Voltmeter CCUH-801	Fluke commercial manual for Model 801B or TM 11-6625-599-12		
1	Instruction Book for Dc Power supply 6226A	Harrison Labora- tories commercial manual for Model 6226A.		

TABLE 1-2. (Continued)

QTY PER EQUIP	NOMENCLATURE		REQUIRED USE	REQUIRED CHARACTERISTICS
	NAME	DESIGNATION		
1	Instruction Book for Frequency Error Expander S1061AR	Motorola commer- cial manual for Model S1061AR		
1	Instruction Book for Frequency Standard AN/URQ-9	NAVSHIPS 93806A		
1	Instruction Book for Oscilloscope AN/USM-140B	TM11-6625-535-15-		
1	Instruction Book for Oscilloscope AN/USM- 281	TM11-6625-1703-15		
1	Instruction Book for RF Millivolt- meter, CAQI-411A	Hewlett -Packard commercial manual for Model 411A		
1	Instruction Book for Synthesizer Hewlett-Packard Model 5100B/ 5110A	Hewlett -Packard commercial manual for Model 5100B/ 5110A		
1	Instruction Book for VHF Signal Generator Hewlett -Packard Model 608F	Hewlett -Packard commercial manual for Model 608 E and TM11-6625-508-10		
1	Instruction Book for UHF Signal Generator Hewlett-Packard Model 612A	Hewlett-Packard commercial manual for Model 612A		
1	Operating Instruc- tion Chart for Frequency Stand- ard AN/URQ-9	NAVSHIPS 93806-21		
1	Instruction Book for Amplifier Hewlett-Packard Model 467A	Hewlett- Packard commercial manual for Model 467A		
1	Instruction Book for Time-Mark Generator Tek- tronix Type 180A.	Tektronix commer- cial manual for Type 180A and TM11-6625-542-15		

SECTION 2

INSTALLATION

2-1. UNPACKING AND HANDLING.

The counter is shipped with the radio frequency oscillator and electronic frequency converter installed. All accessories supplied with the counter are installed within the front cover prior to shipment. Handle the instrument carefully when removing it from the shipping container.

2-2. POWER REQUIREMENTS.

The counter is designed to operate from 115 volts \pm 10 percent, single-phase ac, at 50 cps \pm 5 percent, 60 cps \pm 5 percent, or 400 cps \pm 10 percent. Operation at frequencies or voltages other than these should not be attempted. Total power demand does not exceed 115 watts.

2-3. SITE SELECTION.

The counter is a portable test instrument designed to operate satisfactorily over a wide range of environments. It will find applications in airborne, shipboard, and land-based electronic maintenance and research facilities.

2-4. INSTALLATION REQUIREMENTS.

Adequate air circulation should be provided to prevent damage to the instrument. Care must be taken to allow a minimum of 6 inches of clear space behind the cabinet to permit proper air flow through the counter. Applications using the PRINTER connector on the rear panel may require more than the 6-inch minimum clearance.

2-5. CABLE ASSEMBLIES.

The only cable required for installation of the equipment is the power cable that is supplied. All cables and connectors supplied for the operation and maintenance of the counter are stored within the front cover of the cabinet as follows:

a. **POWER CABLE.** - This is a three-conductor cable, one end of which terminates in a plug that mates with the power connector on the rear panel of the instrument. The other end of the power cable terminates in a polarized three-contact male plug. One contact of the plug is an offset pin which grounds the instrument chassis when the plug is used with a grounded three-terminal receptacle. The plug can be modified for use with a two-terminal receptacle according to the following procedure:

(1) Loosen the screw on the offset pin, and remove the green (ground) lead.

(2) Connect the green lead to ground, or connect the grounding post (next to the power connector on the counter on later units) to an external ground.

(3) Insert plug directly into the receptacle. The offset pin will fold back automatically.

WARNING

If the green lead on the plug or grounding post is not attached to ground when a two-terminal receptacle is used the instrument panel and cabinet may assume an off-ground potential and present a hazard to operating personnel.

b. **RF CABLES.** - Two rf cables, consisting of 8 feet of type RG 58 C/U cable terminated at each end with a BNC connector type UG-88E/U are supplied with the instrument. These cables connect any of the counter inputs directly to the BNC-terminated signal source.

c. **ADAPTERS AND TEE CONNECTORS.** - The following adapters and tee connectors are supplied with the instrument:

(1) One plug-in printed circuit board test extender. The extender allows the plug-in printed circuit boards to be raised to a convenient height for trouble shooting and maintenance.

(2) Two BNC male to UHF female type UG-255/U Adapters for making connections to equipment having UHF connectors.

(3) Two BNC female to UHF male type UG-273/U Adapters for making connections to equipment having UHF connectors.

(4) Two type UG-1035/U Adapters with binding posts connected to BNC male connectors for making connection at the counter inputs to test leads terminated in banana connectors.

(5) Two BNC tee connectors type UG-274B/U for making multiple input connections to equipment having BNC connectors.

(6) One plug-in test cable consisting of type RG 58 C/U cable terminated with male and female BNC connectors. This cable is to be connected when operating the electronic frequency converter outside of the instrument during maintenance.

(7) One 12-conductor plug-in test cable terminated at one end with a 15-contact male connector and at the other with a 15-contact female connector. This cable is to be connected when operating the rf oscillator or frequency converter outside of the instrument during maintenance.

d. **PRINTER CABLE.** - The cable required for connection to the PRINTER connector on the rear of the instrument is not supplied. To use the binary-code-decimal and control data available at the PRINTER connector, a suitable mating cable must be constructed. To construct a mating cable, use a type MS3106R-36-8S connector and 22-gauge, nylon-covered hook-up wire appropriately color-coded. Pin connections are as listed in table 2-1.

e. **CONNECTOR COVERS.** - Two internally threaded covers, attached to the rear panel with chains, protect the PRINTER and POWER connectors when not in use.

TABLE 2-1. CONNECTIONS TO PRINTER CONNECTOR

FUNCTION		PRINTER CONNECTOR PIN NO.
DIGIT	WEIGHT	
1 0 ⁰ (units) (right-end)	1	o
	2	J
	4	I
	8	G
1 0 ¹ (tens)	1	u
	2	P
	4	n
	8	k
1 0 ² (hundreds)	1	Y
	2	u
	4	T
	8	M
1 0 ³ (thousands)	1	F
	2	E
	4	D
	8	A
1 0 ⁴ (ten thousands)	1	z
	2	w
	4	t
	8	r
1 0 ⁵ (hundred thousands)	1	h
	2	e
	4	d
	8	z

FUNCTION		PRINTER CONNECTOR PIN NO.
DIGIT	WEIGHT	
6 (millions)	1	P
	2	L
	4	K
	8	H
7 ten millions)	1	j
	2	a
	4	v
	8	R
Decimal Point	1	g
	2	
	4	c
	8	x
Inhibit signal input: connect to ground through external contacts to prevent counter reset during printout.		s
+12 volts at up to 0.1 ampere: can be used to code printout.		f
Print command output: negative pulse of at least 10 volts amplitude from a voltage more positive than 11.5 volts indicates that completed measurement is ready for printout,		v
Ground.		m

2-6. PRINTED CIRCUIT BOARD EXTRACTOR.

An extractor for removing the plug-in printed circuit boards is supplied with the instrument. The tool is stored under the test extender in the instrument cover.

2-7. INSPECTION AND ADJUSTMENT.

Inspect the counter upon receipt for any damage which may have occurred in transit. Check that there are no loose or broken control knobs, bent or broken connectors, scratches or cracks on the readout window, and dents or scratches on the cabinet and panel surfaces. Inspect the air filter to be sure it is not damaged. Apply power to the counter and check for operation of the fan. Operate the counter in the test function as described in table 3-4. All internal adjustments are initially made at the factory; the instrument is ready for use as received.

2-8. INTERFERENCE REDUCTION.

The counter is designed to meet minimum radio interference requirements only when both the rf oscillator and frequency converter are installed.

2-9. FITTING OF COUNTER COVER

- To adjust the tension latches on the counter cover, proceed as follows:
- Remove all external connections to the counter.
 - Set counter on work bench with the front panel facing up, so that the counter is resting on the four rubber legs on the rear panel.
 - Place cover on counter and fasten with the four latches.
 - With a screwdriver turn the setscrew on each latch an equal amount clockwise to obtain a snug fit.

2-10. INSTALLING THE FRONT-PANEL PROTECTORS.

- The front-panel protectors are shipped in a separate package together with the long pan-head mounting screws, and may be installed in the field according to the following procedure:
- Remove 6 short pan-head screws from each side of the counter, which corresponds with the small holes in the panel protectors.
 - Install the left-hand panel protector 4380296-502 with the 6 long pan-head screws provided.
 - Install the right-hand panel protector 4380296-503 with the 6 long pan-head screws.

SECTION 3

OPERATION

3-1. FUNCTIONAL OPERATION,

Digital Readout Electronic Counter AN/USM-207A is a portable electronic counter providing direct-reading indication of frequency and period of a cyclic electrical signal, the frequency ratio between two signals, and the time interval between two points on two signals or on the same signal, and the total number of electrical impulses. The counter also provides various standard frequency outputs and signals having frequencies equal to an input frequency divided (or scaled) by known factors.

The counter consists primarily of circuits which generate accurate timing signals of various durations, a series of electronic counting units, a gate for controlling the counting time, and frequency multiplying circuits and mixer for heterodyne frequency measurement. The controlling signals for the gate, timing, and counting circuits can be derived from various external sources, and the circuits are interconnected in various ways to permit the instrument to make a wide variety of time, frequency, and ratio measurements.

The counter also contains amplifiers to increase the magnitude and to shape the incoming count and control signals, an oscillator and multiplier to generate the timing signals, a chain of dividers to permit variations in count and control signal rates, display circuits for controlling the readout indications, and necessary power supplies.

3-2. PREPARATION FOR USE.

Before attempting to operate the counter, familiarize yourself with the function of all the front and rear panel controls and connectors, as referenced in paragraph 3-3, read the operating precautions given in paragraph 3-4, and the operating suggestions in paragraph 3-5. Then refer to table 3-3 for the initial turn-on and operating procedure.

3-3* DESCRIPTION OF CONTROLS, CONNECTORS, AND INDICATORS.

The controls, connectors, and indicator of the counter which are normally used by the operator are shown in figures 3-1 and 3-2 and are described in table 3-2. The numbers on the figure relate each item to the descriptive text in table 3-2 and do not indicate a preferred order of operation.

3-4. OPERATING PRECAUTIONS.

To prevent damage when connecting signals to the BNC connectors on the counter be sure that the amplitudes of the voltages do not exceed the values listed in the last column of table 3-1. To obtain rated accuracy listed in paragraph 1-2, the minimum input voltage must be as specified in that table.

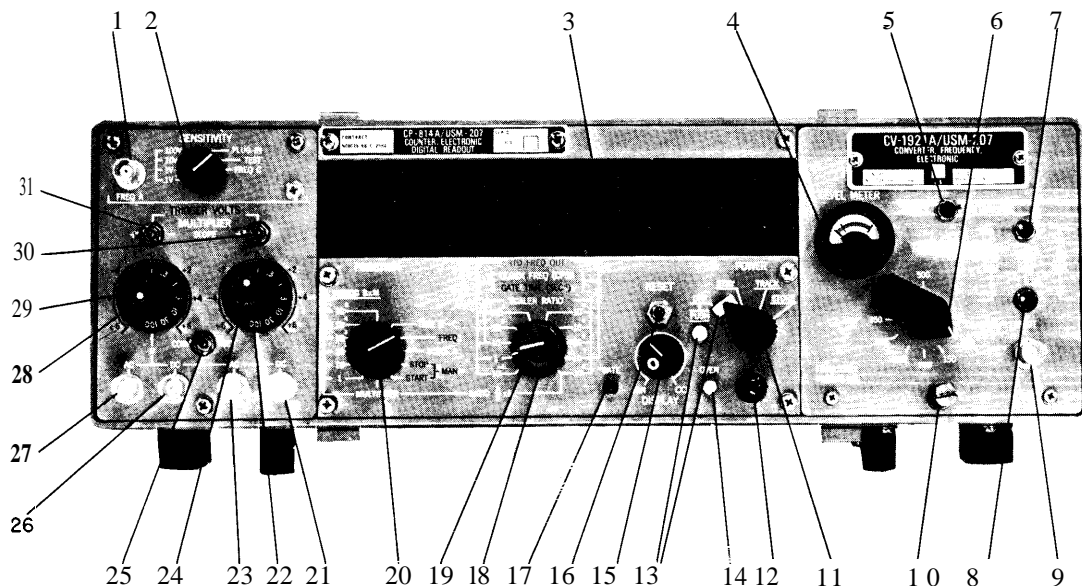


Figure 3-1. Counter Front Panel Controls, Connectors, and Indicators

TABLE 3-1. VOLTAGE INPUTS

CONNECTOR	FIGURE NO.	INDEX NO.	MINIMUM INPUT	MAXIMUM SAFE VOLTAGE
FREQ. A	3-1	1	0.1 volt rms	a. ± 00 volts peak. b. 300 volts rms from 1.0 cps to 10 mc, except 150 volts rms when SENSITIVITY switch is set to the .1 position. c. 100 volts rms from 10 mc to 100 mc.
B, AC and C, AC	3-1	27 23	0.1 volt rms	a. ± 600 volts peak. b. 425 volts rms, except 150 volts rms when MULTIPLIER switch is set to the .1 position.
B, DC and C, DC	3-1	26 21	0.1 volt rms	600 volts peak, except ± 210 volts peak when MULTIPLIER switch is set to the .1 position.
<p>Note</p> <p>When mode selector switch is set to COM, whichever position of the B or C MULTIPLIER switches is lower determines the maximum allowable voltage applied to either of the B connectors; i. e., if B MULTIPLIER switch is set to 1 and C MULTIPLIER switch is set to .1 the maximum allowable input to the B, AC connector is 150 volts rms and to the B, DC connector is 210 volts peak.</p>				
Converter INPUT	3-1	9	0.01 volt rms	a. ± 600 volts peak. b. 10 volts rms with both attenuator switches set to the right; 2 volts rms with one attenuator set to the right and one set to the left; 0.3 volt rms with both attenuator switches set to the left.
100 KC OR 1 MC INPUT	3-2	4	0.5 volt rms	a. ± 600 volts peak. b. 10 volts rms.

TABLE 3-2. DESCRIPTION OF OPERATING CONTROLS, CONNECTORS, AND INDICATORS

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION
3-1	1	FREQ. A input connector. Accepts an external signal for frequency and frequency-ratio measurements, for totalizing, and for obtaining scaled outputs at STD FREQ OR SCALE OUT connector when FUNCTION switch is set to SCALE A.
3-1	2	SENSITIVITY switch. Selects source of input signal in frequency, frequency ratio (numerator) and totalizing modes of operation. In positions . 1 V through 100 V, the input signal connected to the FREQ. A input connector is attenuated in decade steps, and applied to the channel A. Maximum attenuation is obtained in the 100 V position; minimum rms voltage that triggers the counter is equal to the switch-position marking (. 1 V, 1 V, 10 V, 100 V). In PLUG-IN position, the input signal connected to the converter INPUT connector is routed through the converter to channel A. In FREQ. C position, the input signal connected to either the C AC or C DC connector (separate mode) or B DC or B AC connector (common mode) is applied to channel C and counted. In TEST position, self-test of the counter is performed.

TABLE 3-2. (Continued)

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION
3-1	3	Digital display. Indicates numerical results of measurement with automatically positioned decimal point, and includes an annunciator that indicates units of measurement (μ S, MS, SEC, MC, and KC).
3-1	4	LEVEL METER. Indicates in green area when level of signal applied to the converter INPUT connector is sufficient to provide a valid digital readout. Indicates in red area when input signal level is questionable, is incorrectly attenuated by settings of attenuator switches, or if FREQUENCY TUNING-MC switch is set to a position that provides an invalid digital readout.
3-1	5	DIRECT-HETERODYNE switch. Selects routing of signal connected to the converter INPUT connector. When set to DIRECT, signal is measured directly, and the sensitivity of the counter for signals between 35 mc and 100 mc is increased to 0.01 volt. When set to HETERODYNE, signal is mixed with frequency selected by the FREQUENCY TUNING-MC switch.
3-1	6	FREQUENCY TUNING-MC switch. Selects mixing frequency of 100, 150, 200, 250, 300, 350, 400, 450 or 500 mc in electronic frequency converter for heterodyne frequency measurement. Operates with LEVEL METER.
3-1	7 and 8	Converter attenuator switches. When both switches are set to the left, signal input to converter INPUT connector for heterodyne frequency measurement should not exceed 0.3 volt rms. When upper switch is set to left and lower switch is set to the right, the signal input should not exceed 2 volts rms. When both switches are set to the right, signal input should not exceed 10 volts rms. Maximum attenuation occurs when switches are both set to right; minimum attenuation occurs when both switches are set to the left.
3-1	9	Converter INPUT connector. Accepts an external signal (85 mc to 500 mc) for heterodyne frequency measurement, or an external signal of 35 mc to 100 mc for direct frequency measurement, for frequency ratio measurement, for totalizing, and for scaling. To measure the input signal applied to this connector, SENSITIVITY switch must be <i>set</i> to PLUG-IN.
3-1	10	Thumbscrew. Fastens electronic frequency converter to counter.
3-1	11	POWER switch. When set to OFF by first depressing the PUSH button, all power is removed from the counter circuits. When set to STBY, power is applied to the radio frequency oscillator only. When set to TRACK, power is applied to all counter circuits and the digital display shows a continuous display of the changing count. When set to STORE, power is applied to all counter circuits and the digital display remains constant during the count and changes only when the final count changes after any gate period.
3-1	12	POWER lamp (red). Indicates application of 115-volt ac power to counter when POWER switch is set to STBY, TRACK, or STORE.
3-1	13	PUSH button and bar. When button is depressed, POWER switch can be set to OFF. The bar ensures that power is not unintentionally removed.
3-1	14	OVEN lamp (yellow). Indicates that crystal oven heater in radio frequency oscillator is energized when POWER switch is set to STBY, TRACK, or STORE.
3-1	15	DISPLAY control. Increases length of time that count is displayed as control is rotated from the MIN. position clockwise. The measurement automatically recycles after the display time. When switched to the extreme clockwise ∞ position, the count is displayed until RESET switch is pushed.
3-1	16	RESET switch. Permits manual reset of count to zero and start of a new count.

TABLE 3-2. (Continued)

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION																							
3-1	17	GATE lamp (green). Lights when count gate is open and electrical impulses can be counted.																							
3-1	18	STD FREQ OUT switch (red). Selects standard frequency output (10^{-1} , 1, 10, 10^2 , 10^3 , 104, 105, 10^6 , and 107 cps) that appears at STD FREQ OR SCALE OUT connector when FUNCTION switch is set to TIME B → C, FREQ, MAN STOP, or MAN START.																							
3-1	19	<p>Time base switch (black).</p> <p>a. Selects CLOCK FREQ (1, 10, 10^2, 10^3, 10^4, 10^5, 10^6 and 10^7 cps) that is counted in period and time-interval measurement 10^{-1} and 10^8 switch positions are not used.</p> <p>b. Selects GATE TIME for frequency measurements; the reciprocal of the number listed on the switch scale is the gate time in seconds that is selected as follows:</p> <table border="1" data-bbox="597 730 1214 1192"> <thead> <tr> <th data-bbox="597 730 906 804">SWITCH POSITION (SEC-1 SCALE)</th> <th data-bbox="906 730 1214 804">GATE TIME</th> </tr> </thead> <tbody> <tr> <td data-bbox="597 835 906 867">10^{-1}</td> <td data-bbox="906 835 1214 867">10 seconds</td> </tr> <tr> <td data-bbox="597 877 906 909">1</td> <td data-bbox="906 877 1214 909">1 second</td> </tr> <tr> <td data-bbox="597 919 906 951">10</td> <td data-bbox="906 919 1214 951">100 milliseconds</td> </tr> <tr> <td data-bbox="597 961 906 993">10^2</td> <td data-bbox="906 961 1214 993">10 milliseconds</td> </tr> <tr> <td data-bbox="597 1003 906 1035">10^3</td> <td data-bbox="906 1003 1214 1035">1 millisecond</td> </tr> <tr> <td data-bbox="597 1045 906 1077">10^4</td> <td data-bbox="906 1045 1214 1077">100 microseconds</td> </tr> <tr> <td data-bbox="597 1087 906 1119">10^5</td> <td data-bbox="906 1087 1214 1119">10 microseconds</td> </tr> <tr> <td data-bbox="597 1129 906 1161">10^6</td> <td data-bbox="906 1129 1214 1161">1 microsecond</td> </tr> <tr> <td data-bbox="597 1171 906 1203">10^7 and 10^8</td> <td data-bbox="906 1171 1214 1203">Not used</td> </tr> </tbody> </table> <p>c. Selects SCALER RATIO of 10, 10^2, 10^3, 10^4, 10^5, 10^6, 10^7 and 10^8 by which frequency of signal applied to FREQ. "A input connector is 'divided when FUNCTION switch is set to SCALE A. (10^{-1} and 1 positions are not used.) Scaled signal is available at STD FREQ OR SCALE OUT connector.</p> <p>d. Selects frequency ratio measurement when set to the 10^8 position and with the FUNCTION switch set to 1, 10, 10^2, 103, 104 and 105.</p> <p>The time base switch in conjunction with the FUNCTION switch position selects the unit of measurement and decimal point that are displayed in frequency, period, and time-interval measurements.</p>				SWITCH POSITION (SEC-1 SCALE)	GATE TIME	10^{-1}	10 seconds	1	1 second	10	100 milliseconds	10^2	10 milliseconds	10^3	1 millisecond	10^4	100 microseconds	10^5	10 microseconds	10^6	1 microsecond	10^7 and 10^8	Not used
SWITCH POSITION (SEC-1 SCALE)	GATE TIME																								
10^{-1}	10 seconds																								
1	1 second																								
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10^2	10 milliseconds																								
10^3	1 millisecond																								
10^4	100 microseconds																								
10^5	10 microseconds																								
10^6	1 microsecond																								
10^7 and 10^8	Not used																								
s-1	20	<p>FUNCTION switch. Selects measurement or scaling mode of operation in conjunction with positions of SENSITIVITY switch and time base switch as follows:</p> <table border="1" data-bbox="315 1640 1440 1934"> <thead> <tr> <th data-bbox="315 1640 581 1717">FUNCTION SWITCH POSITION</th> <th data-bbox="581 1640 850 1717">TIME BASE SWITCH POSITION</th> <th data-bbox="850 1640 1120 1717">SENSITIVITY SWITCH POSITION</th> <th data-bbox="1120 1640 1440 1717">MEASUREMENT OR SCALING MODE</th> </tr> </thead> <tbody> <tr> <td data-bbox="315 1738 581 1934"> PERIOD B x M 10^{-5} 10^4 10^3 </td> <td data-bbox="581 1738 850 1934"> CLOCK FREQ (CPS) 10^4 thru 10^7 10^3 thru 10^7 10^2 thru 10^7 </td> <td data-bbox="850 1738 1120 1934">---</td> <td data-bbox="1120 1738 1440 1934">Period of input B signal</td> </tr> </tbody> </table>				FUNCTION SWITCH POSITION	TIME BASE SWITCH POSITION	SENSITIVITY SWITCH POSITION	MEASUREMENT OR SCALING MODE	PERIOD B x M 10^{-5} 10^4 10^3	CLOCK FREQ (CPS) 10^4 thru 10^7 10^3 thru 10^7 10^2 thru 10^7	---	Period of input B signal												
FUNCTION SWITCH POSITION	TIME BASE SWITCH POSITION	SENSITIVITY SWITCH POSITION	MEASUREMENT OR SCALING MODE																						
PERIOD B x M 10^{-5} 10^4 10^3	CLOCK FREQ (CPS) 10^4 thru 10^7 10^3 thru 10^7 10^2 thru 10^7	---	Period of input B signal																						

TABLE 3-2. (Continued)

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION			
3-1	(cont)	FUNCTION SWITCH POSITION	TIME BASE SWITCH POSITION	SENSITIVITY SWITCH POSITION	MEASUREMENT OR SCALING MODE
		PERIOD B x M 10 ² 10 1	CLOCK FREQ (CPS) 10 thru 10 ⁷ 1 thru 10 ⁷ 1 thru 10 ⁷	---	Period of input B signal.
		PERIOD B X M 10 ⁵ , 10 ⁴ , 10 ³ , 10 ² , 10, 1	RATIO $\frac{A}{B} \times M$ (10 ⁸ position)	100 v, 10 v, 1 v, or . 1V	Ratio of signal A frequency to signal B frequency.
				PLUG-IN	Ratio of converter input signal frequency to signal B frequency.
				FREQ. C	Ratio of signal C frequency to signal B frequency.
		TIME B → C	CLOCK FREQ (CPS) 1 thru 10 ⁷	---	Time interval from input B to input C.
			10 ⁸	100 v, 10 v, 1 v, or. 1V	Number of input A pulses between B and C inputs (time interval with external clock).
		SCALE A	SCALER RATIO 10 thru 10 ⁸	----- ↓	Scale signal A frequency.
				PLUG-IN	Scale converter input - signal frequency.
				FREQ. C ----- ↓	Scale signal C frequency.
		MAN START MAN STOP	---	----- ↓	Start and stop Signal C totalizing.
				100 v, 10 v, 1 v, or. 1V	Start and stop Signal A totalizing.
				PLUG-IN	Start and stop converter input -signal totalizing.
		FREQ	GATE TIME (SEC-1) 10 ⁻¹ thru 10 ⁶	100 v, 10 v, 1 v, or. 1V	Frequency of input A signal.
				TEST	Self-test measures 10-mc test signal.

TABLE 3-2. (Continued)

FIGURE No.	INDEX No.	DESCRIPTION AND FUNCTION																							
3-1	(cont)	FUNCTION SWITCH POSITION	TIME BASE SWITCH POSITION	SENSITIVITY SWITCH POSITION	MEASUREMENT OR SCALING MODE																				
		FREQ	GATE TIME (SEC-1) 10 ⁻¹ thru 10 ⁶	PLUG-IN	Frequency measure - ment of signal applied to converter INPUT connector.																				
				FREQ. C	Frequency measure ment of signal applied to input B or C connec- tor.																				
3-1	21	Channel C DC connector. Accepts an external signal for frequency measurement fre- quency - ratio measurement, totalizing, or scaling. When the mode selector switch is set to SEP, the signal applied to this receptacle is coupled directly to channel C. For pul- sating dc signals the dc level is added to the ac level to provide the exact triggering point i. e., if the ac signal is riding a 3-volt dc level, then subtract 3 Volts from the product of the settings of the C TRIGGER VOLTS control and C MULTIPLIER switch to deter- mine the ac component of the input C trigger level.																							
3-1	22	<p>Channel C MULTIPLIER switch (black): Selects multiplier for setting of channel C TRIGGER VOLTS control. Switch position is the number (. 1, .3, 1, 3, 10, 30, 100) which is under the number "O" of the scale of the channel C TRIGGER VOLTS control. Maximum signal attenuation is obtained with the MULTIPLIER switch set to 100; this po- sition should be used first when the C (or B if mode selector switch is set to COM) input signal is of an unknown amplitude. To determine the exact amplitude that will trigger channel C, multiply the setting of the C TRIGGER VOLTS control by the setting of the C MULTIPLIER switch,</p> <p>In operation with a sine-wave input, the MULTIPLIER switch is set as follows:</p> <table border="1" data-bbox="391 1200 1317 1444"> <thead> <tr> <th data-bbox="391 1200 613 1272">INPUT VOLTS (RMS)</th> <th data-bbox="613 1200 927 1272">SWITCH SETTING</th> <th data-bbox="927 1200 1149 1272">INPUT VOLTS (RMS)</th> <th data-bbox="1149 1200 1317 1272">SWITCH SETTING</th> </tr> </thead> <tbody> <tr> <td data-bbox="391 1306 613 1336">0.1 to 0.3</td> <td data-bbox="613 1306 927 1336">.1</td> <td data-bbox="927 1306 1149 1336">10 to 30</td> <td data-bbox="1149 1306 1317 1336">10</td> </tr> <tr> <td data-bbox="391 1336 613 1366">0.3 to 1</td> <td data-bbox="613 1336 927 1366">.3</td> <td data-bbox="927 1336 1149 1366">30 to 100</td> <td data-bbox="1149 1336 1317 1366">30</td> </tr> <tr> <td data-bbox="391 1366 613 1395">1 to 3</td> <td data-bbox="613 1366 927 1395">1</td> <td data-bbox="927 1366 1149 1395">100 to 425</td> <td data-bbox="1149 1366 1317 1395">100</td> </tr> <tr> <td data-bbox="391 1395 613 1425">3 to 10</td> <td data-bbox="613 1395 927 1425">3</td> <td></td> <td></td> </tr> </tbody> </table>				INPUT VOLTS (RMS)	SWITCH SETTING	INPUT VOLTS (RMS)	SWITCH SETTING	0.1 to 0.3	.1	10 to 30	10	0.3 to 1	.3	30 to 100	30	1 to 3	1	100 to 425	100	3 to 10	3		
INPUT VOLTS (RMS)	SWITCH SETTING	INPUT VOLTS (RMS)	SWITCH SETTING																						
0.1 to 0.3	.1	10 to 30	10																						
0.3 to 1	.3	30 to 100	30																						
1 to 3	1	100 to 425	100																						
3 to 10	3																								
3-1	23	Channel C AC connector. Accepts an external signal for frequency measurement, fre- quency-ratio measurement, totalizing, or for scaling. When the mode selector switch is set to SEP, the signal applied to this connector is capacity coupled to channel C.																							
3-1	24	Channel C TRIGGER VOLTS control (red). Selects any voltage from +6 volts to -6 volts which when multiplied by the setting of C MULTIPLIER switch determines the exact trig- gering point of the channel C input signal. When the control is set to zero, the triggering point is the zero voltage point.																							
3-1	25	Mode selector switch. In SEP (seperate) position, connects input C signal to channel C. In COM (common) position, connects input B signal to channel C.																							
3-1	26	Channel B DC connector. Accepts an external signal for period, frequency-ratio, and time-interval measurements. In frequency-ratio measurement, the frequency of the sig- nal serves as the denominator; in time-interval measurement, the signal serves as the start start and when the mode selector switch is set to COM, also serves as the stop																							

TABLE 3-2. (Continued)

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION																				
3-1	26 (cont)	signal. Provides direct coupling to all signals. When connected to pulsating dc signals, the dc level is added to the ac level to provide the exact triggering point; i.e., if the ac signal is riding on a 3-volt dc level, then subtract 3 volts from the product of the B TRIGGER VOLTS and B MULTIPLIER settings to determine the ac component of the trigger level.																				
3-1	27	Channel B AC connector. Accepts an external signal for period, frequency-ratio, and time-interval measurements. In frequency-ratio measurement, the frequency of the signal serves as the denominator; in time-interval measurement, the signal serves as the start signal and when the mode selector switch is set to COM, also serves as the stop signal. This connector provides capacitive coupling.																				
3-1	28	Channel B TRIGGER VOLTS control (red). Selects any voltage point from +6 volts to -6 volts which when multiplied by the setting of the channel B MULTIPLIER control determines the exact triggering point of the channel B input signal. When set to zero, the triggering point will be the zero voltage point.																				
3-1	29	<p>Channel B MULTIPLIER switch (black). Selects attenuation factor for channel B input signal. Switch position is selected by rotating the switch to the number (.1, .3, 1, 3, 10, 30, 100) which is under the number "O" of the scale of the channel B TRIGGER VOLTS control. Maximum signal attenuation is obtained with the MULTIPLIER switch set to 100; this position should be used first for unknown-amplitude signals. The switch position number is the minimum rms amplitude of the signal applied to the channel B input connector that will trigger the counter. The MULTIPLIER switch position is multiplied by the setting of the channel B TRIGGER VOLTS control to determine the exact voltage amplitude of the input B signal that will trigger the counter. In operation, the MULTIPLIER switch is normally set as follows:</p> <table border="1" data-bbox="519 1042 1339 1266"> <thead> <tr> <th data-bbox="519 1042 738 1138">INPUT VOLTS (RMS)</th> <th data-bbox="738 1042 901 1138">SWITCH SETTING</th> <th data-bbox="982 1042 1193 1138">INPUT VOLTS (RMS)</th> <th data-bbox="1193 1042 1339 1138">SWITCH SETTING</th> </tr> </thead> <tbody> <tr> <td data-bbox="519 1138 738 1181">0.1 to 0.3</td> <td data-bbox="738 1138 901 1181">.1</td> <td data-bbox="982 1138 1193 1181">10 to 30</td> <td data-bbox="1193 1138 1339 1181">10</td> </tr> <tr> <td data-bbox="519 1181 738 1212">0.3 to 1</td> <td data-bbox="738 1181 901 1212">.3</td> <td data-bbox="982 1181 1193 1212">30 to 100</td> <td data-bbox="1193 1181 1339 1212">30</td> </tr> <tr> <td data-bbox="519 1212 738 1244">1 to 3</td> <td data-bbox="738 1212 901 1244">1</td> <td data-bbox="982 1212 1193 1244">100 to 425</td> <td data-bbox="1193 1212 1339 1244">100</td> </tr> <tr> <td data-bbox="519 1244 738 1287">3 to 10</td> <td data-bbox="738 1244 901 1287">3</td> <td></td> <td></td> </tr> </tbody> </table>	INPUT VOLTS (RMS)	SWITCH SETTING	INPUT VOLTS (RMS)	SWITCH SETTING	0.1 to 0.3	.1	10 to 30	10	0.3 to 1	.3	30 to 100	30	1 to 3	1	100 to 425	100	3 to 10	3		
INPUT VOLTS (RMS)	SWITCH SETTING	INPUT VOLTS (RMS)	SWITCH SETTING																			
0.1 to 0.3	.1	10 to 30	10																			
0.3 to 1	.3	30 to 100	30																			
1 to 3	1	100 to 425	100																			
3 to 10	3																					
3-1	30	Channel C SLOPE switch. Selects either positive (+) or negative (-) slope of input B or C signal for triggering of channel C. Signal B is connected when the mode selector switch is set to the COM position, and signal C is selected when that switch is set to the SEP position.																				
3-1	31	Channel B SLOPE switch. Selects either positive (+) or negative (-) slope of channel B input signal for triggering of counter to provide start and stop signals in period and frequency-ratio measurements and to provide start signals in time-interval (TIME B → C) measurement.																				
3-2	1	1 MC OUT connector. Supplies 1-mc signal to external equipment when POWER switch is set to STANDBY, TRACK, or STORE.																				
3-2	2	PRINTER connector. Supplies signals representing the digital data output of the measurement including the decimal -point position in four-line binary-coded decimal form. Included in the output are control signals for the operation of printers, other data recorders, or control devices, and a reset inhibit line to prevent reset of the counter during data recording (see table 2-1).																				

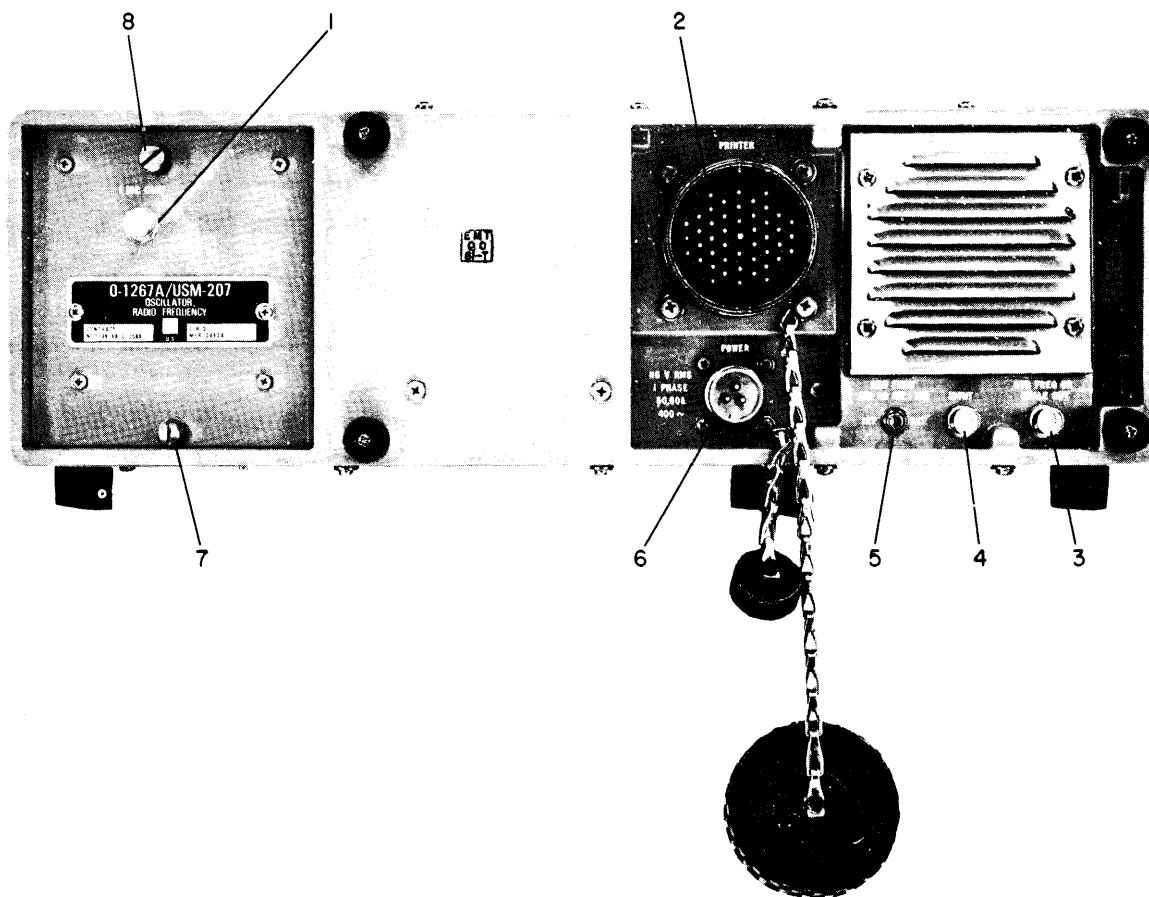


Figure 3-2. Counter Rear Panel Controls and Connectors

TABLE 3-2. (Continued)

FIGURE NO.	INDEX NO.	DESCRIPTION AND FUNCTION
3-2	3	<p>STD FREQ OR SCALE OUT connector.</p> <p>a. Supplied 0.1 cps, 1 cps, 10 cps, 100 cps, 1 kc, 10 kc, 100 kc, 1 mc, and 10 mc as set by STD FREQ OUT switch when FUNCTION switch is set to TIME B ⇒ C, MAN START, MAN STOP, or PERIOD BxM-1.</p> <p>b. Supplies scaled frequencies of the signal applied to either the FREQ. A input connector, C AC input connector, C DC input connector, or converter INPUT connector, as selected by the SENSITIVITY switch. Scale factor is selected by the time base switch, and ranges from 10 to 108 in decade steps.</p>
3-2	4	Time base INPUT connector. Accepts 100-kc or 1-mc as time-base signal for counter when REF FREQ 100 KC OR 1 MC switch is set to EXT.
3-2	5	REF FREQ 100 KC OR 1 MC switch. When set to INT, the 1-mc oscillator in the internal radio frequency oscillator serves as the standard time base frequency for the counter. When set to EXT, a 100-kc or 1-mc signal applied to the time base INPUT connector serves as the standard frequency.
3-2	6	POWER connector. Connects to ac power cable.
3-2	7,8	Thumbscrews. Fasten radio frequency oscillator to counter.

3-5. Operating Suggestions for Measuring Frequency, Frequency Ratio, for Totalizing, and Scaling.

These measurements can be performed by following one of three procedures. In the first set of procedures (tables 3-5, 3-9, 3-14, and 3-20) the input signal (numerator signal when frequency ratio is measured) is connected to the **FREQ.** A input connector and switched to channel A. In the second procedure (tables 3-6, 3-10, 3-15, and 3-21) the input signal is connected to the input C connector and switched to channel C. In the third procedure (tables 3-7, 3-11, 3-16, 3-17, 3-18, and 3-22) input signal is connected to the converter **INPUT** connector and switched through the converter to channel A. The choice as to which procedure to follow depends on input signal characteristics such as repetition rate, pulse shape, and amplitude. The capabilities of the counter can best be utilized as follows:

- a. **INPUT SIGNAL FREQUENCY BELOW 10 CPS.** — Connect input signal to the C DC input connector and follow the instructions in table 3-6, 3-10, or 3-15.
- b. **INPUT SIGNAL FREQUENCY BETWEEN 10 CPS AND 1 MC.** — When the input pulses are symmetrical, connect input signal to the **FREQ.** A input connector, and follow the instructions in table 3-5, 3-9, or 3-14. When the input pulses are not symmetrical, connect input signal to the applicable input C connector, and follow the instructions in table 3-6, 3-10, or 3-15.
- c. **INPUT SIGNAL BETWEEN 1 MC AND 35 MC.** — Connect the input signal to the **FREQ.** A input connector, and follow the instructions in table 3-5, 3-9, or 3-14.
- d. **INPUT SIGNAL BETWEEN 35 MC AND 100 MC.** — When the input signal amplitude is between 10 millivolts and 100 millivolts, connect input signal to the converter **INPUT** connector, and follow the instructions in table 3-7, 3-11, or 3-16. When the input signal amplitude is 100 millivolts or greater, connect input signal to the **FREQ.** A input connector, and follow the instructions in table 3-5, 3-9, 3-14.
- e. **INPUT SIGNAL BETWEEN 85 MC AND 500 MC (FREQUENCY MEASUREMENT ONLY).** — Input signals in this frequency range are applied to the converter **INPUT** connector and measured by the use of the heterodyne principle; i.e., the unknown input signal frequency is beat with a known mixing frequency, and the result ant difference frequency is measured. The procedure for heterodyne frequency measurement is given in tables 3-17 and 3-18. In addition to the desired difference frequency, heterodyning produces other, undesired frequencies. In some instances an undesired frequency may attain amplitudes sufficient to be registered by the counter, producing a seemingly valid readout. Unless the approximate input frequency is known, the validity

of all readouts obtained by the heterodyne method must be tested.

Signal levels which are indicated in the red zone of the **LEVEL METER** may possibly be of a sufficient amplitude for a valid measurement. Such signals usually produce consistent readouts in position 100 or in two or three positions of the **FREQUENCY TUNING-MC** switch. Before rejecting a readout produced by a signal which indicates in the red zone, test its validity.

The validity of any readout is tested by complementing; i.e., two measurements are performed on the same input frequency and the relationship between the two readouts is noted. In one measurement, a mixing frequency is selected which is from 5 mc to 55 mc below the frequency of the input signal. In the other measurement a mixing frequency is selected which is from 5 mc to 55 mc above the frequency of the input signal. The readouts of the two measurements are added and compared with the two mixing frequencies. If the sum of the two readouts is equal to the difference between the two mixing frequencies, the measurement is valid. The available mixing frequencies range from 100 mc to 500 mc in 50-mc increments, and are selected by the **FREQUENCY TUNING-MC** switch. Depending on the input frequency, complement tests are performed one of two ways. Examples and procedures for complement tests are as follows:

(1) Consistent readouts are obtained in three adjacent positions of the **FREQUENCY TUNING-MC** switch or in two positions which are 100 mc apart. Record the number displayed at the highest and lowest of the switch positions and add the two numbers. If the sum is equal to 100 mc, it is a valid measurement. The unknown frequency is the readout obtained in the lowest of the switch positions plus that switch position in mc.

For example, assume that the lowest switch position is 200, and the readout is that position is 53.8 mc. Also assume that the highest switch position is 300, and the readout in that position is 46.2 mc. The sum of 53.8 and 46.2 is 100, and the unknown frequency is 53.8 mc plus 200 mc or 253.8 mc.

(2) Consistent readouts are obtained only in the 100 position of the **FREQUENCY TUNING-MC** switch. Record the readout in that position, then set the **DIRECT/HETERODYNE** switch to **DIRECT**, record the new readout, and add it to the first readout. If the sum is equal to 100 mc, it is a valid measurement, and the unknown frequency is that obtained in the **DIRECT** position.

3-6. Test Applications

Examples of applications of the counter areas follows:

- a. **FREQUENCY MEASUREMENT.** — Applications are included in NAVSHIPS 900, 000. 103, Electronics Installation and Maintenance Book Test Methods and Practices.

b). **PERIOD AND MULTIPLE PERIOD MEASUREMENT.** — Low-frequency input signals can be measured with a high degree of accuracy. In frequency measurement, the inherent inaccuracy due to gating error is ± 1 count. Expressed as a percentage, this ± 1 count ambiguity may become an appreciable error. For example, when the frequency of a 10-cps input signal is measured with a 10-second gate time (longest gate time available in the instrument), the inherent inaccuracy due to gating error is ± 1 percent. Measuring the period of the same 10-cps input signal, the inherent inaccuracy due to gating error can be reduced to ± 0.0001 percent by selecting a 10-mc clock frequency. When measuring multiple period, this error can be further reduced by factors of 10, 100, 1,000, 10,000 and 100,000. As a general rule, the dividing line between frequency measurement and period measurement is 1 kc; measure frequency when the input signal is above 1 kc, and measure period when the input signal is below 1 kc.

c. **FREQUENCY-RATIO MEASUREMENT.** — The counter can test and calibrate frequency multipliers and frequency dividers. For example, when calibrating a frequency multiplier with a known multiplying factor, the input and output frequencies of the multiplier are applied to the counter, and their ratio is measured. The frequency multiplier is then adjusted for the proper readout.

d. **TIME INTERVAL MEASUREMENT.** — To measure relay delay time, the coil-energizing voltage triggers the start channel; and a set of normal closed contacts, through a voltage source, triggers the stop channel. Delay time can be measured with a maximum resolution of 100 nanoseconds.

e. **TIME INTERVAL MEASUREMENT WITH AN EXTERNAL STANDARD.** — This measurement applies when calibrating search radar equipment. Transmissions are made at a target placed at a known distance from the radar equipment. A clock frequency of approximately 16.4 mc is connected to channel A of the counter. The transmitted pulse triggers the start channel of the counter, and the received echo triggers the stop channel. Distance is read in 100-yard increments.

f. **TOTALIZING.** — All types of non-periodic pulses, such as those generated by a nuclear particle detector, can be counted.

g. **SCALING THE STANDARD FREQUENCY.** — The scaled frequencies can be supplied to instruments

and systems requiring precise time standard.

h. **SCALING THE INPUT FREQUENCY.** — The low-frequency output signals can supplement the output of a vhf signal generator. For example, when the available signal generator covers the frequency range from 10 mc to 100 mc, its output is applied to channel A of the counter. Then, by use of the scale function, the frequency range is extended to cover any frequency from 1 cps to 100 mc.

3-7. Operating Procedures

CAUTION

1. Damage to the attenuator can be caused by having the SENSITIVITY switch in the improper position when measuring an rf signal or by leaving an open end coaxial cable connected to channel A input when keying a transmitter emitting 35 or more watts in close proximity.

2. To prevent damage to the attenuator when using channel A for measurement, set the SENSITIVITY switch to the 100V position before applying the signal to be measured.

a. Procedure for turning on the counter, testing counter performance, performing the measurement functions, and obtaining the signal outputs are given in tables 3-3 through 3-24. Perform the procedures in those tables.

b. All measurements and signal-output functions can be performed with the frequency converter and radio frequency oscillator installed.

c. All functions except heterodyne frequency measurement, and direct frequency measurement to 100 mc can be performed with the frequency converter removed.

d. Totalizing and frequency-radio measurements can be performed with the radio frequency oscillator removed.

e. All functions except use of the 1 MC OUT connector can be performed when an external reference frequency standard is connected as described in paragraph 3-8.

3-8. Connection of Frequency Standard.

When the radio frequency oscillator is to be the reference frequency standard, set REF FREQ 100 KC OR 1 MC switch on rear panel to INT.

To connect an external 1 mc or 100 kc signal as the frequency standard, first set REF FREQ 100 KC OR 1 MC switch on the rear panel to EXT. Then, connect the 1 mc or 100 kc signal to the time base INPUT connector on the rear panel.

TABLE 3-3. PROCEDURE FOR TURNING ON COUNTER

STEP	ACTION
1	Set POWER switch to STBY, and observe that POWER lamp is lit, and that OVEN lamp is lit (when radio frequency oscillator is installed).
2	Allow at least five minutes for warm-up except no warm-up time is required for totalizing, frequency-ratio measurement, or with an external reference frequency standard.
3	Set POWER switch to TRACK. Numeral should be displayed on all eight digits of the display.

TABLE 3-4. PROCEDURE FOR SELF TEST

STEP	ACTION																		
1	Perform turn-on procedure described in table 3-3.																		
2	Set SENSITIVITY switch to TEST.																		
3	Set time base switch to 10° (CPS).																		
4	Rotate DISPLAY control to MIN, and set POWER switch to STORE.																		
5	Set FUNCTION switch to FREQ. Press RESET switch.																		
6	Rotate time base switch counterclockwise, one position at a time, and observe digital display. Displays should be as shown below, ±1 count.																		
	<table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>TIME BASE SWITCH POSITION</th> <th>DISPLAY</th> </tr> </thead> <tbody> <tr> <td>10°</td> <td>00000010.MC</td> </tr> <tr> <td>10°</td> <td>00000010.0 MC</td> </tr> <tr> <td>10°</td> <td>000010.00 MC</td> </tr> <tr> <td>10°</td> <td>00010000. KC</td> </tr> <tr> <td>10°</td> <td>0010000.0 KC</td> </tr> <tr> <td>10</td> <td>010000.00 KC</td> </tr> <tr> <td> </td> <td>10000.000 KC</td> </tr> <tr> <td>10⁻¹</td> <td>0000.0000 KC</td> </tr> </tbody> </table>	TIME BASE SWITCH POSITION	DISPLAY	10°	00000010.MC	10°	00000010.0 MC	10°	000010.00 MC	10°	00010000. KC	10°	0010000.0 KC	10	010000.00 KC		10000.000 KC	10 ⁻¹	0000.0000 KC
TIME BASE SWITCH POSITION	DISPLAY																		
10°	00000010.MC																		
10°	00000010.0 MC																		
10°	000010.00 MC																		
10°	00010000. KC																		
10°	0010000.0 KC																		
10	010000.00 KC																		
	10000.000 KC																		
10 ⁻¹	0000.0000 KC																		

TABLE 3-5. PROCEDURE FOR FREQUENCY MEASUREMENT, WITH THE INPUT SIGNAL APPLIED TO CHANNEL A

STEP	ACTION
1	Per form turn-on procedure described in table 3-3.
2	Set DISPLAY control for desired display time.
3	Set SENSITIVITY switch to 100 V.
4	Set time base switch to GATE TIME (SEC ⁻¹)-10 ⁴ .
5	Set FUNCTION switch to FREQ.
6	Connect input signal to the FREQ. A input connector.
7	Press RESET switch and observe digital display. If display remains at zero or readout is erratic (evidence of weak input signal), turn SENSITIVITY switch counterclockwise to the first position at which consistent readouts are displayed.
8	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
9	Numerical display is the frequency of the input signal in kc with the decimal point position as indicated. To obtain a readout in mc, set time base switch to a more clockwise GATE TIME (SEC ⁻¹) position. To obtain higher resolutions (up to 0.1 cps) set time base switch to a more counterclockwise position.

TABLE 3-6. PROCEDURE FOR FREQUENCY MEASUREMENT, WITH THE INPUT SIGNAL APPLIED TO CHANNEL C

Note

Follow this procedure only when the input signal does not exceed 1 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set DISPLAY control for desired display time.
3	Set SENSITIVITY switch to FREQ. C.

TABLE 3-6. (Continued)

STEP	ACTION
4	Set time base switch to GATE TIME (SEC ⁻¹)-10 ⁴ .
5	Set FUNCTION switch to FREQ.
6	Set C MULTIPLIER switch to 100. Set mode selector switch to SEP.
7	Set C TRIGGER VOLTS control to O.
8	Connect input signal to the applicable input C connector.
9	Press RESET switch.
10	Turn C TRIGGER VOLTS control slowly in both directions, and, if necessary, change setting of C SLOPE switch, until consistent readouts are displayed. If display stays at zero or readout is erratic (evidence of weak input signal), turn C MULTIPLIER switch clockwise to the first position at which consistent readouts are displayed.
11	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
12	Numerical display is the frequency of the input signal in kc, with the decimal point position as indicated. To obtain a readout in mc, set time base switch to a more clockwise GATE TIME (SEC ⁻¹) position. To obtain higher resolutions (up to 0.1 cps) set time base switch to a more counterclockwise position.

TABLE 3-7. PROCEDURE FOR DIRECT FREQUENCY MEASUREMENT, WITH THE INPUT SIGNAL APPLIED TO THE CONVERTER INPUT CHANNEL

Note

Follow this procedure only when the input signal frequency falls between 35 mc and 100 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to PLUG-IN.
3	Set FUNCTION switch to FREQ.
4	Set time base switch to GATE TIME (SEC ⁻¹)-10 ⁶ .

TABLE 3-7. (Continued)

STEP	ACTION
5	Set DISPLAY control for desired display time.
6	Set both converter attenuator switches to the right (10 V MAX position).
7	Set DIRECT-HETERODYNE switch to DIRECT.
8	Connect input signal to the converter INPUT connector.
9	Observe LEVEL METER. If it reads in the green zone, proceed to step 12. Otherwise, proceed to step 10.
10	Set upper attenuator switch to the left (2.0 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 12. Otherwise, proceed to step 11.
11	Set lower attenuator switch to the left (0.3 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 12. If it does not read in the green zone, input level is too low for a valid measurement.
12	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
13	Press RESET switch. Observe digital display. Frequency is read directly in mc, with a resolution of 1 mc. To obtain readings with a higher resolution, set time base switch to a more counterclockwise position (up to 1).

TABLE 3-8. (Continued)

STEP	ACTION
6	Set B MULTIPLIER switch to 100.
7	Connect input signal to the applicable input B connector.
8	Set mode selector switch to SEP.
9	Press RESET switch.
10	Turn B MULTIPLIER switch clockwise until GATE lamp cycles on and off. Adjust B TRIGGER VOLTS control until consistent readouts are displayed. To obtain this, it may be necessary to change the setting of the B SLOPE switch.
11	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
12	Numerical display is one period of the input signal in microseconds, with a resolution of 0.1 microsecond. To obtain a readout in milliseconds or seconds, or if overflow occurs, set time base switch to a more counterclockwise CLOCK FREQ (CPS) position.
13	For greater measurement accuracy, set the FUNCTION switch to a more clockwise position (up to 10^5), and measure the average of 10, 10^2 , 103, 10^3 , or 10^5 periods of the input signal. The accuracy of the period measurement increases in proportion to the period multiplier (M). Automatic decimal point positioning compensates for the period multiplier, so that the numerical display always represents a single period.

TABLE 3-8. PROCEDURE FOR MEASURING PERIOD

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set FUNCTION switch to PERIOD B x M-1.
3	Set time base switch to CLOCK FREQ (CPS)- 10^7 .
4	Set DISPLAY control for desired display time.
5	Set B TRIGGER VOLTS control to 0.

TABLE 3-9. PROCEDURE FOR MEASURING FREQUENCY RATIO, WITH NUMERATOR SIGNAL APPLIED TO CHANNEL A

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set time base switch to (A/B) x M- 10^8 .
3	Set DISPLAY control for desired display time.
4	Set FUNCTION switch to MULTIPLIER-1.
5	Set SENSITIVITY switch to 100 V.
6	Set B TRIGGER VOLTS control to 0.

TABLE 3-9. (Continued)

STEP	ACTION
7	Set B MULTIPLIER switch to 100.
8	Connect input signal with the higher frequency to the FREQ. A input connector.
9	Connect input signal with the lower frequency to the applicable input B connector.
10	Press RESET switch. Observe GATE lamp. If it goes on and off in a continuous cycle, proceed to step 13. Otherwise, proceed to step 12.
11	Adjust B TRIGGER VOLTS control and/or set B MULTIPLIER switch to the first clockwise position at which the GATE lamp cycles on and off.
12	Press RESET switch and observe digital display. If display remains at zero, or if repeated readouts are not consistent, turn SENSITIVITY switch to the first counterclockwise position at which consistent readouts are displayed.
Note	
An alternate method for adjusting the input A and B controls (steps 11 and 12) is to perform the procedures of tables 3-5 and 3-6 and then perform all steps of table 3-7 except steps 5 thru 12.	
13	Press RESET switch. If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
14	The numerical display is the ratio of input A signal frequency to the input B signal frequency, with a resolution of 0.1. To obtain higher resolution, turn FUNCTION switch to a more clockwise position (10, 10 ² , 10 ³ , 10 ⁴ , or 10 ⁵).

TABLE 3-10. PROCEDURE FOR MEASURING FREQUENCY RATIO, WITH NUMERATOR SIGNAL APPLIED TO CHANNEL C

Note

Follow this procedure only when the numerator signal does not exceed 1 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set time base switch to (A/B) x M- 10 ⁸ .

TABLE 3-10. (Continued)

STEP	ACTION
3	Set DISPLAY control for desired display time.
4	Set FUNCTION switch to MULTIPLIER-1.
5	Set SENSITIVITY switch to FREQ. C.
6	Set B TRIGGER VOLTS control to 0.
7	Set B MULTIPLIER switch to 100.
8	Set C TRIGGER VOLTS control to 0.
9	Set C MULTIPLIER switch to 100.
10	Set mode selector switch to SEP.
11	Connect input signal with the higher frequency to the applicable input C connector.
12	Connect input signal with the lower frequency to the applicable input B connector.
13	Observe GATE lamp. If it goes on and off in a continuous cycle, proceed to step 15. Otherwise, proceed to step 14.
14	Turn B TRIGGER VOLTS control slowly in both directions, and, if necessary, change setting of B SLOPE switch, until GATE lamp goes on and off in a continuous cycle. If GATE lamp does not go on, or cycles erratically (evidence of weak input B signal), turn B MULTIPLIER switch clockwise to the first position at which the GATE lamp goes on and off in a continuous cycle.
15	Press RESET switch.
16	Turn C TRIGGER VOLTS control slowly in both directions, and, if necessary, change setting of C SLOPE switch until consistent readouts are displayed. If display stays at zero, or if readout is erratic (evidence of weak input C signal), turn C MULTIPLIER switch to the first position at which consistent readouts are displayed.
17	If display is desired to remain constant, except when measurement result changes, set POWER switch to STORE.
18	Numerical display is the ratio of the input C signal frequency to the input B signal frequency, with a resolution of 0.1. To obtain higher resolutions, turn FUNCTION switch to a more clockwise position (10, 10 ² , 10 ³ , 10 ⁴ , or 10 ⁵).

TABLE 3-11. PROCEDURE FOR MEASURING FREQUENCY RATIO, WITH NUMERATOR SIGNAL APPLIED TO THE CONVERTER CHANNEL

Note

Follow this procedure only when the numerator frequency falls between 35 mc and 100 mc.

STEP	ACTION
1	Per form turn-on procedure described in table 3-3.
2	Set time base switch to (A/B) x M-10 ⁸ .
3	Set DISPLAY control for desired display time.
4	Set FUNCTION switch to MULTIPLIER-1.
5	Set SENSITIVITY switch to PLUG-IN.
6	Set both converter attenuator switches to the right (10 V MAX position). Set DIRECT-HETERODYNE switch to DIRECT.
7	Set B MULTIPLIER switch to 100.
8	Set B TRIGGER VOLTS control to 0.
9	Connect input signal with the higher frequency to the converter INPUT connector.
10	Connect input signal with the lower frequency to the applicable input B connector.
11	Press RESET switch. Observe GATE lamp. If it goes on and off in a continuous cycle, proceed to step 13. Otherwise, proceed to step 12.
12	Turn B TRIGGER VOLTS control slowly in both directions, and, if necessary, change setting of B SLOPE switch, until GATE lamp goes on and off in a continuous cycle. If GATE lamp does not go on, or cycles erratically (evidence of weak input B signal), turn B MULTIPLIER switch clockwise to the first position at which GATE lamp goes on and off in a continuous cycle.
13	Observe LEVEL METER. If it reads in the green zone, proceed to step 16. Otherwise, proceed to step 14.
14	Set upper attenuator switch to the left (2.0 V MAX position) anti observe LEVEL METER. If it reads in the green zone, proceed to step 16. Otherwise, proceed to step 15.
15	Set lower attenuator switch to the left (0.3 V MAX position) and observe LEVEL

TABLE 3-11. (Continued)

STEP	ACTION
15 (Cont)	METER. If it reads in the green zone, proceed to step 16. If it does not read in the green zone, input level is too low for a valid measurement.
16	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
17	Numerical display is the ratio of the input signal frequency connected to the converter INPUT connector to the frequency of input B signal, with a resolution of 0.1. To obtain higher resolution, turn FUNCTION switch to a more clockwise position (10, 10 ² , 10 ³ , 10 ⁴ , or 10 ⁵).

TABLE 3-12. PROCEDURE FOR MEASURING TIME INTERVAL

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set FUNCTION switch to TIME B → C.
3	Set time base switch to CLOCK FREQ (CPS)-10 ⁷ .
4	Set DISPLAY control for desired display time.
5	Set B and C MULTIPLIER switches to 100.
6	If time interval is measured between two input signals: connect start input signal to the applicable B connector; stop input signal to the applicable C connector; and set mode selector switch to SEP. If time interval is measured between two points on the same waveform: connect input signal to the applicable B connector, and set mode selector switch to COM.
7	Set B SLOPE switch for the required waveform slope on which start trigger point is to be positioned.
8	Press RESET switch. Set B MULTIPLIER switch and B TRIGGER VOLTS control so that the product of their settings equals the amplitude and polarity at which start of time interval is to occur and so that the GATE lamp is illuminated.
9	Set C SLOPE switch for the required waveform slope on which stop trigger point is to be positioned.

TABLE 3-12. (Continued)

S;TEP	ACTION
10	Set C MULTIPLIER switch and C TRIGGER VOLTS control so that the product of their settings equals the amplitude and polarity at which end of time interval is to occur and so that the GATE lamp is periodically extinguished and consistent readouts are displayed. If readouts are inconsistent, perform steps 8 and 10 until consistent readouts are obtained at the voltage levels equal to the desired start and stop signals.
Note	
Steps 8 and 10 are applicable when desired trigger points are known. If trigger points are unknown, initially set the B MULTIPLIER switches to the 100 positions. GATE lamp should cycle on and off. If not, adjust B MULTIPLIER switch and B TRIGGER VOLTS control until lamp lights and/or adjust C MULTIPLIER switch and C TRIGGER VOLTS control until lamp repeatedly goes off, and until repeated readouts are consistent. Determine the trigger points by the product of the MULTIPLIER and TRIGGER VOLTS settings.	
11	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
12	Numerical display is the time interval in microseconds, with a resolution of 0.1 microsecond. To obtain a readout in milliseconds or seconds, or if overflow occurs, set time base switch to a more counterclockwise CLOCK FREQ (CPS) position (up to 1).

TABLE 3-13. PROCEDURE FOR MEASURING TIME INTERVAL, WITH EXTERNAL CLOCK

3TE P	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set DISPLAY control for desired display time.
3	Set SENSITIVITY switch to 100 V.
4	Set time base switch to GATE TIME (SEC1)-10 ⁴ .
5	Set FUNCTION switch to FREQ.

TABLE 3-13. (Continued)

STEP	ACTION
6	Connect external clock input signal to the FREQ. A input connector.
7	Press RESET switch and observe digital display. If display remains at zero or cycles erratically (evidence of weak input signal), turn SENSITIVITY switch counterclockwise to the first position at which consistent readouts are displayed.
8	Set FUNCTION switch to TIME B —C.
9	Set time base switch to 10 ⁶ .
10	Set B and C MULTIPLIER switches to 100.
11	If time interval is measured between two input signals: connect start input signal to the applicable B connector; stop input signal to the applicable C connector; and set mode selector switch to SEP. If time interval is measured between two points on the same waveform: connect input signal to the applicable B connector, and set mode selector switch to COM.
12	Set B SLOPE switch for the required waveform slope on which start trigger point is to be positioned.
13	Set B MULTIPLIER switch and B TRIGGER VOLTS control so that the product of their settings equals the amplitude and polarity at which start of time interval is to occur and so that the GATE lamp is illuminated.
14	Set C SLOPE switch for the required waveform slope on which stop trigger point is to be positioned.
15	Set C MULTIPLIER switch and C TRIGGER VOLTS control so that the product of their settings equals the amplitude and polarity at which end of time interval is to occur and so that the GATE lamp is periodically extinguished and consistent readouts are displayed. If readouts are inconsistent, perform steps 13 and 15 until consistent readouts are obtained at the voltage levels equal to the desired start and stop signals.
Note	
Steps 13 and 15 are applicable when desired trigger points are known. If trigger points are unknown, initially set the B MULTIPLIER and C MULTIPLIER switches to the 100 positions. GATE lamp should cycle on and off. If not,	

TABLE 3-13. (Continued)

STEP	ACTION
Note (cont)	
adjust B MULTIPLIER switch and B TRIGGER VOLTS control until lamp lights, and/or adjust C MULTIPLIER switch and C TRIGGER VOLTS control until lamp repeatedly goes off, and until repeated readouts are consistent. Determine the trigger points by the product of the MULTIPLIER and TRIGGER VOLTS settings.	
16	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.
17	Numerical display is the number of cycles of the signal applied to the FREQ. A input connector that occur between the B and C input trigger points.

Note

Tables 3-14, 3-15, and 3-16 provide procedures for totalizing with manual reset required. Automatic reset can be accomplished with two methods by following the procedures in the tables with the following exception:

Method 1. Set DISPLAY control to the MIN. position, and set POWER switch to STORE. Reset will automatically take place when the FUNCTION switch is set to MAN. START.

Method 2. Set DISPLAY control to any position except °, and set POWER switch to TRACK. Reset will automatically take place at the end of the display time, or if a Printer is connected, at the end of printout.

TABLE 3-14. PROCEDURE FOR TOTALIZING, WITH THE INPUT SIGNAL APPLIED TO CHANNEL A

STEP	ACTION
1	Perform turn-on procedure described in table 3-3. Set POWER switch to TRACK or STORE.
2	Set SENSITIVITY switch to 100 V.
3	Set DISPLAY control to °.
4	Set time base switch to 10 ⁸ .
5	Set FUNCTION switch to MAN START, and note that GATE lamp goes on.
6	Connect input signal to the FREQ. A input connector.
7	Press RESET switch and observe digital display. If display advances numerically from zero, proceed to step 9. If display remains at zero (evidence of weak input signal), proceed to step 8.

TABLE 3-14. (Continued)

STEP	ACTION
8	Turn SENSITIVITY switch counterclockwise, one position at a time; leave SENSITIVITY switch in the first position at which display advances numerically from zero in accordance with the number of input pulses.
9	Press RESET switch. Totalizing starts automatically when RESET switch is released. Stop totalizing by setting FUNCTION switch to MAN STOP. Note that GATE lamp goes off and the accumulated count is displayed.
10	To start another totalizing measurement, first press RESET switch to erase the previous count, then set FUNCTION switch to MAN START. Results of two or more measurements may be added by not pressing the RESET switch.

TABLE 3-15. PROCEDURE FOR TOTALIZING, WITH THE INPUT SIGNAL APPLIED TO CHANNEL C

Note

Follow this procedure only when the input signal does not exceed 1 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3. Set POWER switch to TRACK or STORE.
2	Set SENSITIVITY switch to FREQ. C.
3	Set DISPLAY control to °.
4	Set time base switch to 10 ⁸ .
5	Set mode selector switch to SEP.
6	Set FUNCTION switch to MAN START, and note that GATE lamp goes on.
7	Set C MULTIPLIER switch to 100.
8	Set C TRIGGER VOLTS control to 0.
9	Connect input signal to the applicable input C connector.
10	Press RESET switch. Observe digital display. If display advances numerically in accordance with the number of input pulses, proceed to step 12. If display does not advance, proceed to step 11.
11	Turn C TRIGGER VOLTS control slowly in both directions, and, if necessary, change the setting of the C SLOPE switch, until display advances numerically in accordance with the number of input pulses. If display does not advance (evidence of weak input signal), turn C

TABLE 3-15. (Continued)

STEP	ACTION
11 (Cont)	MULTIPLIER switch clockwise to the first position at which the advance occurs.
12	Press RESET switch. Totalizing starts automatically when RESET switch is released. Stop totalizing by setting FUNCTION switch to MAN STOP. Note that GATE lamp goes off and the accumulated count is displayed.
13	To start another totalizing measurement, first press RESET switch to erase the previous count, then set FUNCTION switch to MAN START. Results of two or more measurements may be added by not pressing the reset switch.

TABLE 3-16. PROCEDURE FOR TOTALIZING, WITH THE INPUT SIGNAL APPLIED TO THE CONVERTER CHANNEL

Note

Follow this procedure only when the input frequency falls between 35 mc and 100 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3. Set POWER switch to TRACK or STORE.
2	Set SENSITIVITY switch to PLUG-IN.
3	Set DISPLAY control to co.
4	Set time base switch to 10 ⁸ .
5	Set FUNCTION switch to MAN START, and note that GATE lamp goes on.
6	Set both converter attenuator switches to the right (10 V MAX position).
7	Set DIRECT-HETERODYNE switch to DIRECT.
8	Connect input signal to the converter INPUT connector.
9	Observe LEVEL METER. If it reads in the green zone, proceed to step 12. Otherwise, proceed to step 10.
10	Set upper attenuator switch to the left (2.0 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 12. Otherwise, proceed to step 11.

TABLE 3-16. (Continued)

STEP	ACTION
11	Set lower attenuator switch to the left (0.3 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 12. If it does not read in green zone, input level is too low for a valid measurement.
12	Press RESET switch. Totalizing starts automatically when RESET switch is released. Stop totalizing by setting FUNCTION switch to MAN STOP. Note that GATE lamp goes off and the accumulated count is displayed.
13	To start another totalizing measurement, first press RESET switch to erase the previous count, then set FUNCTION switch to MAN START. Results of two or more measurements may be added by not pressing the RESET switch.

TABLE 3-17. PROCEDURE FOR HETERODYNE FREQUENCY MEASUREMENT (85 MC TO 500 MC) WHEN APPROXIMATE INPUT FREQUENCY IS KNOWN

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to PLUG-IN."
3	Set FUNCTION switch to FREQ.
4	Set time base switch to GATE TIME (SEC ⁻¹)-10 ⁶ .
5	Set DISPLAY control for desired display time.
6	Set both converter attenuator switches to the right (10 V MAX position).
7	Set DIRECT-HETERODYNE switch to HETERODYNE.
8	Connect input signal to the converter INPUT connector.
9	Set FREQUENCY TUNING-MC switch to any applicable position as indicated below:

TABLE 3-17. (Continued)

STEP	ACTION		
9 (Cont)	UNKNOWN FREQUENCY IS MIXING		
	IN INPUT FREQUENCY IN MC IS BETWEEN	SET FREQUENCY TUNING-MC SWITCH TO	FREQUENCY SELECTOR SWITCH POSITION IN MC
	85-95	100	-digital display
	95-145	150	-digital display
	105-155	100	+digital display
	145-195	200	-digital display
	155-205	150	+digital display
	195-245	250	-digital display
	205-255	200	+digital display
	245-295	300	-digital display
	255-305	250	+digital display
	295-345	350	-digital display
	305-355	300	+digital display
	345-395	400	-digital display
	355-405	350	i-digital display
	395-445	450	-digital display
	405-455	400	+digital display
	445-495	500	-digital display
	455-500	450	+digital display
10	Observe LEVEL METER. If it reads in the green zone, proceed to step 14. Otherwise, proceed to step 11.		
11	Set upper attenuator switch to the left (2. 0 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 14. Otherwise, proceed to step 12.		
12	Set lower attenuator switch to the left (0. 3 V MAX position) and observe LEVEL METER. If it reads in the green zone, proceed to step 14. If it reads in the red zone, proceed to step 13.		
13	Press RESET switch. Observe digital display. If readout is zero or erratic, input signal level is too low for a valid measurement. If display is a consistent number, test its validity by complementing, as described in paragraph 3-5e.		
14	Observe digital display. Determine unknown frequency as described in step 9.		
15	If display is to remain constant except when the measurement result changes, set POWER switch to STORE.		
16	To obtain increased resolution, turn time base switch counterclockwise (up to 1).		

TABLE 3-18. PROCEDURE FOR HETERODYNE FREQUENCY MEASUREMENT (85 MC TO 500 MC) WHEN APPROXIMATE INPUT FREQUENCY IS UNKNOWN

STEP	ACTION
1	Perform (turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to PLUG-IN.
3	Set FUNCTION switch to FREQ.
4	Set time base switch to GATE TIME (SEC ⁻¹)-10 ⁶ .
5	Set DISPLAY control for desired display time.
6	Set both converter attenuator switches to the right (10 V MAX position).
7	Set DIRECT-HETERODYNE switch to HETERODYNE.
8	Connect input signal to the converter INPUT connector.
9	Starting at 100, turn FREQUENCY TUNING-MC switch clockwise, one position at a time, and observe LEVEL METER in each position. If LEVEL METER reads in the green zone in at least one switch position, proceed to step 12. Otherwise, proceed to step 10.
10	Set upper attenuator switch to the left (2. 0 V MAX position) and repeat the procedure of step 9. If LEVEL METER reads in the green zone in at least one switch position, proceed to step 12. Otherwise, proceed to step 11.
11	Set lower attenuator switch to the left (0. 3 V MAX position) and repeat the procedure of step 9. If LEVEL METER reads in the green zone in at least one switch position, proceed to step 12. If LEVEL METER reads in the red zone in all switch positions and: <ol style="list-style-type: none"> a. Readouts are zero or erratic. Input signal level is too low for a valid measurement. b. Readouts are consistent in switch position 100 or in two or three switch positions. Test the validity of the measurement by complementing, as described in paragraph 3-5e.

TABLE 3-18. (Continued)

STEP	ACTION																		
12	Press RESET switch. Observe digital display in each FREQUENCY TUNING MC-switch position where LEVEL METER reads in the green zone. Interpret readout as follows: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>SWITCH POSITIONS AT WHICH LEVEL METER READS IN THE GREEN ZONE</th> <th>UNKNOWN FREQUENCY IS</th> </tr> </thead> <tbody> <tr> <td>a. 100 only.</td> <td>100 mc - digital display.</td> </tr> <tr> <td>b. 100 and 150 only and (1) display at 100 plus display at 150 equals 50 mc. (2) display at 150 minus display at 100 equals 50 mc.</td> <td>100 mc + digital display at 100. 100 mc - digital display at 100.</td> </tr> <tr> <td>c. 150 only.</td> <td>150 mc - digital display.</td> </tr> <tr> <td>d. 100 and 200 only.</td> <td>100 mc + digital display at 100.</td> </tr> <tr> <td>e. 100, 150, and 200 only .</td> <td>100 mc + digital display at 100.</td> </tr> <tr> <td>f. Any three adjacent positions only.</td> <td>Lowest position in mc + digital display at that position.</td> </tr> <tr> <td>g. 450 only</td> <td>450 mc + digital display.</td> </tr> <tr> <td>h. More than three positions, of which three are adjacent,</td> <td>The reading in the non-adjacent position is not valid. The readings in the three adjacent positions are valid, and are interpreted as in "f".</td> </tr> </tbody> </table>	SWITCH POSITIONS AT WHICH LEVEL METER READS IN THE GREEN ZONE	UNKNOWN FREQUENCY IS	a. 100 only.	100 mc - digital display.	b. 100 and 150 only and (1) display at 100 plus display at 150 equals 50 mc. (2) display at 150 minus display at 100 equals 50 mc.	100 mc + digital display at 100. 100 mc - digital display at 100.	c. 150 only.	150 mc - digital display.	d. 100 and 200 only.	100 mc + digital display at 100.	e. 100, 150, and 200 only .	100 mc + digital display at 100.	f. Any three adjacent positions only.	Lowest position in mc + digital display at that position.	g. 450 only	450 mc + digital display.	h. More than three positions, of which three are adjacent,	The reading in the non-adjacent position is not valid. The readings in the three adjacent positions are valid, and are interpreted as in "f".
SWITCH POSITIONS AT WHICH LEVEL METER READS IN THE GREEN ZONE	UNKNOWN FREQUENCY IS																		
a. 100 only.	100 mc - digital display.																		
b. 100 and 150 only and (1) display at 100 plus display at 150 equals 50 mc. (2) display at 150 minus display at 100 equals 50 mc.	100 mc + digital display at 100. 100 mc - digital display at 100.																		
c. 150 only.	150 mc - digital display.																		
d. 100 and 200 only.	100 mc + digital display at 100.																		
e. 100, 150, and 200 only .	100 mc + digital display at 100.																		
f. Any three adjacent positions only.	Lowest position in mc + digital display at that position.																		
g. 450 only	450 mc + digital display.																		
h. More than three positions, of which three are adjacent,	The reading in the non-adjacent position is not valid. The readings in the three adjacent positions are valid, and are interpreted as in "f".																		
13	If display is desired to remain constant except when measurement result changes, set POWER switch to STORE.																		
14	To obtain increased resolution, turn time base switch counterclockwise (up to 1).																		

TABLE 3-19. PROCEDURE FOR OBTAINING STANDARD FREQUENCIES

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set FUNCTION switch to TIME B—C, MAN START, MAN STOP, or PERIOD BxM-1.

TABLE 3-19. (Continued)

STEP	ACTION																				
	Set STD FREQ OUT switch to obtain the desired output frequency as follows: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>STD FREQ OUT SWITCH POSITION</th> <th>OUTPUT FREQUENCY</th> </tr> </thead> <tbody> <tr> <td>10^{-1}</td> <td>0.1 cps</td> </tr> <tr> <td>1</td> <td>1 cps</td> </tr> <tr> <td>10</td> <td>10 cps</td> </tr> <tr> <td>10^2</td> <td>100 cps</td> </tr> <tr> <td>10^3</td> <td>1 kc</td> </tr> <tr> <td>10^4</td> <td>10 kc</td> </tr> <tr> <td>10^5</td> <td>100 kc</td> </tr> <tr> <td>10^6</td> <td>1 mc</td> </tr> <tr> <td>10^7</td> <td>10 mc</td> </tr> </tbody> </table>	STD FREQ OUT SWITCH POSITION	OUTPUT FREQUENCY	10^{-1}	0.1 cps	1	1 cps	10	10 cps	10^2	100 cps	10^3	1 kc	10^4	10 kc	10^5	100 kc	10^6	1 mc	10^7	10 mc
STD FREQ OUT SWITCH POSITION	OUTPUT FREQUENCY																				
10^{-1}	0.1 cps																				
1	1 cps																				
10	10 cps																				
10^2	100 cps																				
10^3	1 kc																				
10^4	10 kc																				
10^5	100 kc																				
10^6	1 mc																				
10^7	10 mc																				
	Obtain standard frequencies at the rear-panel STD FREQ OR SCALE OUT connector across a 50-ohm load.																				

TABLE 3-20. PROCEDURE FOR SCALING, WITH THE INPUT SIGNAL APPLIED TO CHANNEL A

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to 100 V.
3	Set FUNCTION switch to SCALE A.
4	Set time base switch for desired SCALER RATIO ($10^1, 10^2, 10^3, 10^4, 10^5, 10^6, 10^7$). The position of the switch determines the factor by which the frequency of the input signal will be divided.
5	Connect signal to be scaled to the FREQ. A connector.
6	Press RESET switch, and observe digital display. If display remains at zero, turn SENSITIVITY switch to the first counterclockwise position at which display changes from zero and the count advances at the frequency of the input signal.
7	Obtain scaled output signal at the rear-panel STD FREQ OR SCALE OUT connector.

TABLE 3-21. PROCEDURE FOR SCALING, WITH THE INPUT SIGNAL APPLIED TO CHANNEL C

Note

Follow this procedure only when the input signal frequency does not exceed 1 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to FREQ. C .
3	Set FUNCTION switch to SCALE A .
4	Set time base switch for desired SCALER RATIO (10, 10 ² , 10 ³ , 10 ⁴ , 10 ⁵ , 10 ⁶ , 10 ⁷). The position of the switch determines the factor by which the frequency of the input signal will be divided.
5	Set C TRIGGER VOLTS CONTROL to 0.
6	Set C MULTIPLIER switch to 100.
7	Set mode selector switch to SEP .
8	Connect signal to be scaled to the applicable input C connector.
9	Press RESET switch.
10	Turn C TRIGGER VOLTS control slowly in both directions, and, if necessary, change setting of C SLOPE switch, until display advances numerically at the frequency of the input signal. If display does not advance (evidence of weak input signal), turn C MULTIPLIER switch to the first position at which readout advances numerically in a continuous cycle.
11	Obtain scaled output signal at the rear-panel STD FREQ OR SCALE OUT connector.

TABLE 3-22. PROCEDURE FOR SCALING, WITH THE INPUT SIGNAL APPLIED TO THE CONVERTER CHANNEL

Note

Follow this procedure only when the input signal frequency falls between 35 mc and 100 mc.

STEP	ACTION
1	Perform turn-on procedure described in table 3-3.
2	Set SENSITIVITY switch to PLUG-IN .
3	Set FUNCTION switch to SCALE A .

TABLE 3-22. (Continued)

STEP	ACTION
4	Set both converter attenuator switches to the right (10 V MAX position).
5	Set DIRECT-HETERODYNE switch to DIRECT .
6	Set time base switch for desired SCALER RATIO (10, 10 ² , 10 ³ , 10 ⁴ , 10 ⁵ , 10 ⁶ , 10 ⁷). The position of the switch determines the factor by which the frequency of the input signal will be divided.
7	Connect signal to be scaled to the converter INPUT connector.
8	Observe LEVEL METER . If it reads in the green zone, proceed to step 11. Otherwise, proceed to step 9.
9	Set upper attenuator switch to the left (2.0 V MAX position) and observe LEVEL METER . If it reads in the green zone, proceed to step 11. Otherwise, proceed to step 10.
10	Set lower attenuator switch to the left (0.3 V MAX position) and observe LEVEL METER . If it reads in the green zone, proceed to step 11. If it does not read in the green zone, input level is too low for a valid measurement.
11	Obtain scaled output signal at the rear-panel STD FREQ OR SCALE OUT connector.

TABLE 3-23. PROCEDURE FOR OBTAINING STANDARD 1-MC OUTPUT SIGNAL

STEP	ACTION
1	Set POWER switch to STBY , TRACK or STORE , and allow a 5-minute warm-up.
2	Obtain standard 1-mc output signal at the rear panel 1 MC OUT connector on the radio frequency oscillator.

TABLE 3-24. PROCEDURE FOR TURNING COUNTER OFF

STEP	ACTION
1	Remove all external connections from the counter.
2	If the counter is temporarily not in use, but it is necessary to leave it turned on for instant service, set POWER switch to STBY . Otherwise, press and hold PUSH button, and set POWER switch to OFF .

3-9 OPERATOR'S MAINTENANCE.

Maintenance by operating personnel is limited to cleaning the air filter and replacing fuses. The location of defective components within the instrument often requires technical skill and use of troubleshooting techniques. In many cases a calibration adjustment is required when a component is replaced. Therefore, only a qualified technician should attempt trouble shooting within the instrument.

3-10. OPERATING CHECKS AND ADJUSTMENTS.

The test function of the counter serves to check the operation of the majority of the circuits within the instrument. The procedure in table 3-4 should be used in performing this check. The indications shown in table 3-4 should appear on the readout as the time base switch is rotated. The instrument is malfunctioning if the indications in table 3-4 are not obtained.

Adjustments to the counter other than normal operating adjustments should not be made by the operator.

3-11. PREVENTIVE MAINTENANCE.

The air filter installed over the air intake on the rear panel prevents dust and dirt from entering the counter. The filter must be cleaned periodically so as not to restrict air flow into the instrument. For the cleaning procedure, see paragraph 5-2. The fan motor is lubricated for life and should not require any preventive maintenance.

3-12. EMERGENCY MAINTENANCE .

Emergency maintenance procedures are limited to replacing the power supply fuses. Both fuses are located on the interface panel behind the electronic frequency converter. Should fuse replacement become necessary, loosen the converter thumbscrew and pull the converter out of the counter. Replacement fuses are located in clips adjacent to the fuse holders on the counter bracket exposed by removal of the converter. Both fuses are identical 3-ampere plug-in types. Be sure to install a new spare fuse in the clip after the fuse is removed for replacement. See figure 5-38 for fuse location.

SECTION 3.1

ORGANIZATIONAL PREVENTIVE MAINTENANCE INSTRUCTIONS

3.1-1. SCOPE OF MAINTENANCE

The maintenance duties assigned to the organizational repairman of the equipment are listed below together with a reference to the paragraphs covering the specific maintenance functions.

- a. Weekly preventive maintenance checks and services (para 3.1-4).
- b. Monthly preventive maintenance checks and services (para 3.1-5).
- c. Quarterly preventive maintenance checks and services (para 3.1-6).
- d. Touchup painting (para 3.1-7).

3.1-2. PREVENTIVE MAINTENANCE

Preventive maintenance is the systematic care, servicing, and inspection of equipment to prevent the occurrence of trouble, to reduce downtime, and to assure that the equipment is serviceable.

a. *Systematic Care.* The procedures given in paragraph 3.1-7 cover routine systematic care and cleaning essential to proper upkeep and operation of the AN/USM-207A.

b. *Preventive Maintenance Checks and Services.* The preventive maintenance checks and services charts (para 3.1-4, 3.1-5, and 3.1-6) outline func-

tions to be performed at specific intervals. These checks and services are to maintain Army electronic equipment in a combat-serviceable condition; that is, in good general (physical) condition and in good operating condition. To assist the organizational repairman in maintaining combat serviceability, the charts indicate what to check, how to check, and the normal conditions; the References column lists the illustrations, paragraphs, or manuals that contain detailed repair or replacement procedures. If the defect cannot be remedied by performing the corrective action indicated, higher category maintenance or repair is required. Records and reports of these checks and services must be made in accordance with the requirements set forth in TM 38-750.

3.1-3. ORGANIZATIONAL PREVENTIVE MAINTENANCE CHECKS AND SERVICES PERIODS

Organizational preventive maintenance checks and services of the equipment are required weekly, monthly, and quarterly.

a. Paragraph 3.1-4 specifies the checks and services that must be accomplished weekly.

b. Paragraphs 3.1-5 and 3.1-6 specify additional checks and services that must be performed monthly and quarterly, respectively.

3.14. ORGANIZATIONAL WEEKLY PREVENTIVE MAINTENANCE CHECKS AND SERVICES CHART

<i>Sequence</i>	<i>Item to be inspected</i>	<i>Procedure</i>	<i>Reference</i>
1	Cables	Inspect cords, cables, and wires for chafed, cracked, or frayed insulation. Replace connectors that are broken, arced, stripped, or worn excessively.	None.
2	Handles and latches	Inspect handles and latches for looseness. Replace or tighten as necessary.	None.
3	Metal surfaces	Inspect exposed metal surfaces for rust and corrosion. Touch up paint as required (para 3.1-7).	None.

3.1-5. ORGANIZATIONAL MONTHLY PREVENTIVE MAINTENANCE CHECKS AND SERVICES CHART

<i>Sequence</i>	<i>Item to be inspected</i>	<i>Procedure</i>	<i>Reference</i>
1	Jacks and plugs.	Inspect jacks and plugs for snug fit and good contact.	None.
2	Switch decks	Inspect switch decks for loose connections and cracks.	None.
3	Resistors and capacitors.	Inspect the resistors and capacitors for cracks, blistering, or other defects.	None.
4	Printed circuit boards.	Inspect printed circuit boards for cracks and breakage.	
5	Air filter.	Inspect and clean the air filter, if necessary -----	None.

3.1-6. ORGANIZATIONAL QUARTERLY PREVENTIVE MAINTENANCE CHECKS AND SERVICES CHART

<i>Sequence</i>	<i>Item to be inspected</i>	<i>Procedure</i>	<i>Reference</i>
1	Publications.	See that all publications are complete, serviceable, and current.	DA Pam 310-4
2	Modifications	Check DA Pam 310-7 to determine if new applicable MWO'S have been published. All URGENT MWO'S must be reapplied immediately. All ROUTINE MWO'S must be scheduled.	DA Pam 310-7.
3	Spare parts	Check all spare parts (operator and organizational) for general condition and method of storage. There should be no evidence of overstock, and all shortages must be on valid requisitions.	

3.1-7. TOUCHUP PAINTING INSTRUCTIONS

Remove rust and corrosion from metal surfaces by lightly sanding them with fine sandpaper.

Brush two thin coats of paint on the bare metal to protect it from further corrosion. Refer to the applicable cleaning and refinishing practices specified in TB 746-10.

SECTION 4

TROUBLE SHOOTING

4-1. LOGICAL TROUBLE SHOOTING

This section contains information useful in quickly determining and correcting the cause of equipment malfunction or performance degradation. Trouble shooting is based on the following six logical steps:

a. **SYMPTOM RECOGNITION.** — This is the first step in the trouble-shooting procedure: it requires a complete knowledge and understanding of equipment operating characteristics. Trouble may arise which is not a direct result of a faulty component. To evaluate such troubles requires considerable experience on the part of the technician. The reference standards procedures of Section 5 point out most "not so apparent" malfunctions.

b. **SYMPTOM ELABORATION.** — Once an equipment trouble has been recognized, trace it as close as possible to its point of origin. Much information can be gained from operating the counter. Note the normal response of the counter to all control settings. Then, when the readout provides an unusual indication, it serves as a symptom for localizing the trouble.

c. **LISTING PROBABLE FAULTY FUNCTION.** — A complete understanding of the equipment operating principles is especially important at this phase of the trouble-shooting procedure. With all information about the problem in mind, formulate a number of "logical choices" as to the cause and likely location of the malfunction. Confine each choice to a functional section of the equipment as shown in figure 4-1.

d. **LOCALIZING THE FAULTY FUNCTION.** — In performing this phase of the trouble-shooting procedure, review the choices of possible equipment faults. Conduct tests to determine the area in which the problem lies in an efficient order. Refer to the functional section trouble-shooting descriptions and servicing block diagrams and isolate the problem to a single functional section.

e. **LOCALIZING TROUBLE TO THE CIRCUIT.** — Once the problem has been isolated to a single functional section, make additional "logical choices" as to which circuit is at fault. Refer to the signal flow and test information contained on the functional and servicing block diagrams in making these "logical choices". Also, refer to the detailed schematic diagrams in Section 5 to obtain information for help in localizing the faulty circuit.

f. **FAILURE ANALYSIS.** — When the faulty circuit or part has been isolated, review the procedures followed up to this point to determine why the fault affected the equipment in the manner it did. This review is necessary to make certain that the fault discovered is the cause and not the result of the malfunction.

g. **TEST POINTS.** — Significant test points throughout the equipment are identified on functional and servicing block diagrams and on parts-location illustrations by use of test-point symbols. Star test-point symbols are assigned to those test points which are used to isolate functional sections or circuit

groups in trouble shooting. Circle test-point symbols are assigned to those test points which are helpful in isolating faulty circuits. Circle and star symbols are not marked on the equipment. Standoff-terminal test points have TP reference designators marked on the equipment and on the schematic diagram.

4-2. OVERALL FUNCTIONAL DESCRIPTION.

Figure 4-1 is the overall functional block diagram of the counter. The individual functional sections are constructed on one or more plug-in printed circuit boards. Any of these printed circuit boards may be removed from the counter for purposes of adjustment, trouble shooting, and replacement of parts. Basic operation of the counter is shown in figure 4-2. An overall logic diagram is provided in figure 4-3. To make a measurement, requires two types of information: a count signal, and a gate control signal. These two signals may be generated within the instrument or they may be supplied from outside sources. The type of measurement the counter will make depends upon the relationship of these two signals. However, in any function the instrument counts the count signal for a period of time determined by the gate control signal. Routing of these signals within the instrument is accomplished by logic circuits. These logic circuits are controlled by the operator by means of the front panel FUNCTION, time base, and SENSITIVITY switches. The output of each switch is a select voltage which operates one or more logic circuits in the counter. These voltages are referred to as F, T, and S select terms and are defined in table 4-1.

a. **FUNCTIONAL SECTIONS.** — The following are the functional sections of the counter:

- (1) Radio Frequency Oscillator 0-1267A/USM-207.
- (2) Electronic Frequency Converter CV-1921A/USM-207.
- (3) A Amplifier.
- (4) B Amplifier.
- (5) C Amplifier.
- (6) 10 Mc and 1 Mc Multipliers.
- (7) Scaler.
- (8) Gate Control.
- (9) Count Control.
- (10) Cycle Control.
- (11) Count Decades.
- (12) Readout.
- (13) Power Supply.

b. **RADIO FREQUENCY OSCILLATOR 0-1267A/USM-207.** — The radio frequency oscillator generates a signal of precise frequency for use throughout the counter. It is a separate plug-in assembly containing its own power supply and may be used to provide a precise 10 mc standard signal for use outside the instrument.

ELECTRONIC FREQUENCY CONVERTER CV-1921A/USM-207. — The electronic frequency converter accepts radio frequencies between 100 mc and

500 mc and converts thereto radio frequencies between 5 mc and 100 mc for measurement by the basic counter. It is a separate plug-in assembly and must be installed in or connected to the basic counter for operation.

d. **A AMPLIFIER.** - The A amplifier amplifies the A input signal or the output of the converter for use throughout the counter.

e. **B AMPLIFIER.** - The B amplifier amplifies and shapes the B input signal for use throughout the counter.

f. **C AMPLIFIER.** - The C amplifier amplifies and shapes the C input signal for use throughout the counter.

g. **10 MC AND 1 MC MULTIPLIER.** - The 10 mc and 1 mc multiplier multiplies the frequency and shapes the signal generated by the radio frequency oscillator. It provides precise timing signals to the various functional sections of the basic counter and to the frequency converter.

h. **SCALER.** - The scaler consists of a series of decade dividers and gating systems which provide divided standard frequencies and control signals. These signals are used throughout the counter as either count or control signals depending on the type of measurement the instrument is making.

i. **GATE CONTROL.** - The gate control generates the gate control signal. This signal determines the length of time that the count decades will count the count signal.

j. **COUNT CONTROL.** - The count control provides the proper count signal to the count decades, as selected by the setting of the front-panel switches.

k. **CYCLE CONTROL.** - The cycle control produces all signals necessary to display the measurement results on the readout and to recycle the counter.

l. **COUNT DECADES.** - The count decades count the count signal when permitted to do so by the gate control. The result of their counting becomes the final reading displayed by the readout at the end of each measurement.

m. **READOUT.** - The readout receives binary-coded-decimal data from the count decades, decodes this data into decimal form and drives the readout indicator tubes. The readout also contains memory circuits which function when the counter is operated in the STORE mode.

n. **POWER SUPPLY.** - The power supply supplies all dc power required by the basic instrument and the converter.

TABLE 4-1. F, T, AND S SELECT TERM SYMBOLS

F SELECT TERMS	
FUNCTION SWITCH POSITION	F SYMBOL
PERIOD B $\times 1$	F1
PERIOD B $\times 10_2$	F2
PERIOD B $\times 10_3$	F3
PERIOD B $\times 10_4$	F4
PERIOD B $\times 10_5$	F5
PERIOD B $\times 10$	F6
TIME B-C	F7
FREQ	F8
SCALE	F9
MANUAL STOP	F10
MANUAL START	F11
T SELECT TERMS	
TIME BASE SWITCH POSITION	T SYMBOL
10^{-1}	T1
1	T2
10_2	T3
10_3	T4
10_4	T5
10_5	T6
10_6	T7
10_7	T8
10_8	T9
10 (RATIO A/B $\times M$)	T10
S SELECT TERMS	
SENSITIVITY SWITCH POSITION	S SYMBOL
.1V	S1
1V	S1
10V	S1
100V-	S1
PLUG-IN	S1
TEST	S2
FREQ. C	S3

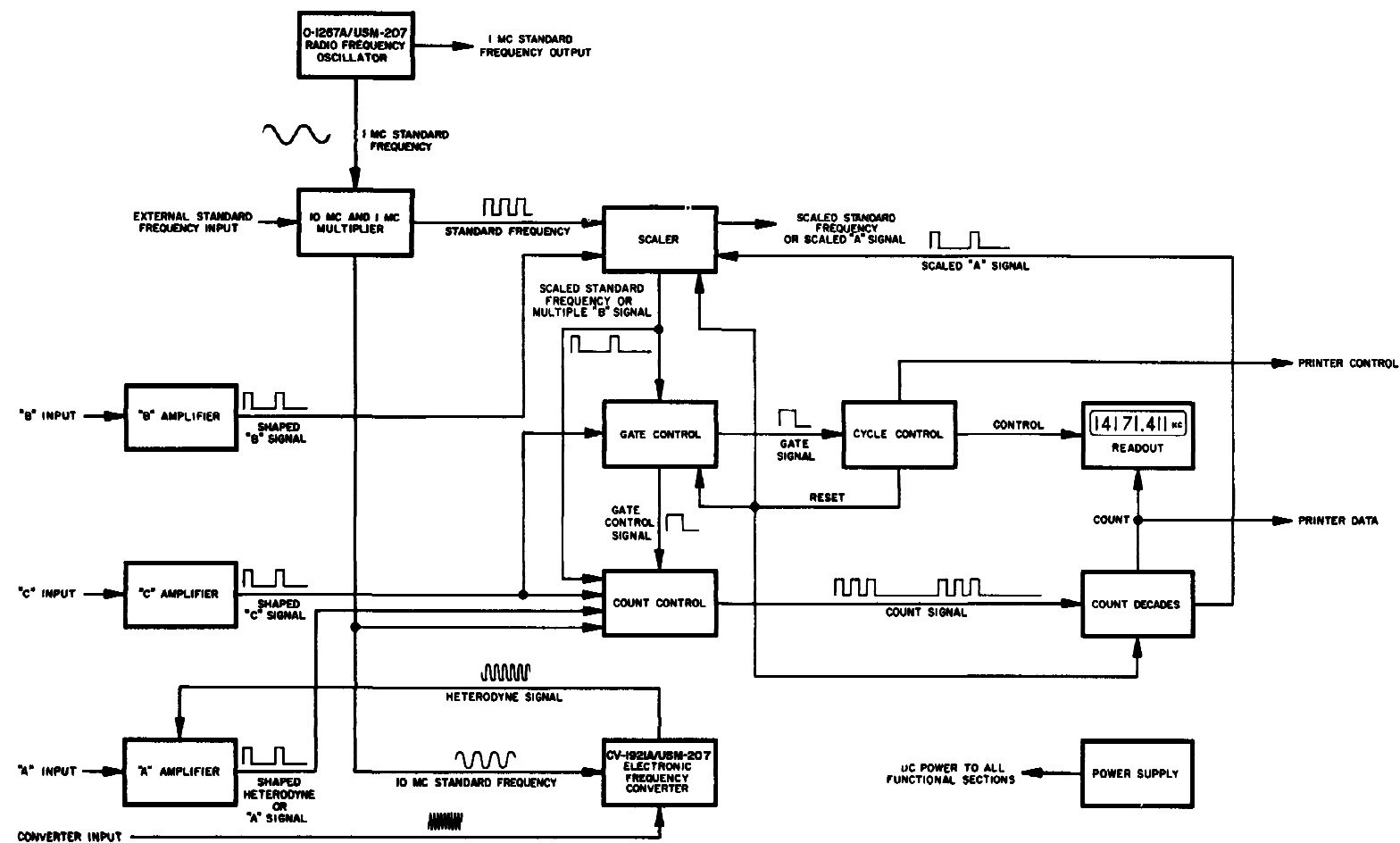


Figure 4-1. Digital Readout Electronic Counter AN/USM-207A Overall Functional Block Diagram.

4-3. OVERALL COUNTER TROUBLE SHOOTING.

Before attempting any trouble-shooting procedure, make an overall preliminary check of the equipment. Look for external defects such as a dirty air filter, broken or loose controls, damaged readout indicators or damaged input connectors. Remove the top cover per paragraph 5-2; then check for broken or bulging components, loose readout indicators and damaged wiring.

a. TEST EQUIPMENT AND SPECIAL TOOLS. - Test equipment required for trouble shooting is listed in table 4-2. A printed circuit board extractor is supplied with the instrument. Figure 5-1 shows the correct use of this tool.

b. TROUBLE-SHOOTING PROCEDURE. - Procedure for trouble shooting the overall counter is given in table 4-3. This procedure utilizes readout indications in response to particular control settings as a means of localizing trouble to a single or group of functional sections. Where improper presentations are obtained, table 4-3 directs the technician to the probable functional section or sections of the counter which deserves a more detailed check. Further checking can then be performed by referring to the trouble-shooting text and functional and servicing block diagram for the functional section concerned. Test voltages and detailed trouble-shooting tables are provided for each functional section.

c. SERVICING BLOCK DIAGRAM. - A servicing block diagram for the overall counter is shown in figure 4-2. This diagram shows all the signals and select terms supplied to and taken from each functional section, and the development of the select terms by the various control switches.

TABLE 4-2. TEST EQUIPMENT REQUIRED FOR TROUBLE SHOOTING

DESIGNATION	NAME
CCUH-801	Dc Differential Voltmeter
AN/USM-140B	Oscilloscope
AN/USM-281	Oscilloscope
Hewlett Packard Model 608F	Vhf Signal Generator
Hewlett Packard Model 612A	Uhf Signal Generator
TS-382C/U	Audio Oscillator

TABLE 4-3. OVERALL COUNTER TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1	Connect counter to power source, set POWER switch to TRACK and REF FREQ 100 KC or 1 MC switch to INT.	POWER lamp, OVEN lamp, and all readout indicators, light, and fan operates.	3
		POWER lamp, OVEN lamp, and all readout indicators do not light, and fan does not operate.	2
		If POWER lamp and all readout indicators light, fan operates but OVEN lamp does not light, check radio frequency oscillator functional section.	
		If POWER lamp, OVEN lamp, and all readout indicators light, but fan does not operate check fan motor.	
		If POWER lamp and OVEN lamp light, fan operates, but no readout indicators light, check power supply functional section.	
		If POWER lamp and OVEN lamp light, fan operates, and some but not all readout indicators light, check readout functional section.	

TABLE 4-3. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
2	Check both fuses behind frequency converter plug-in	If both fuses are good, check power source and A1LF1.	
		If either or both fuses are bad, replace them and check power supply functional section.	
3	Set FUNCTION switch to TIME B → C, mode selector switch to COM, and both SLOPE switches to +. Press RESET switch. Turn B TRIGGER VOLTS control clockwise.	GATE lamp lights.	4
		If GATE lamp does not light, check B amplifier and cycle control functional sections.	
4	Rotate time-base switch clockwise from 1 through 10', one position at a time. In each position, observe readout indicator which advances from 0 through 9 at a 1-cps rate.	All readout indicators advance numerically from 0 through 9.	5
		If none of the readout indicators change display as the time-base switch is rotated, check the radio frequency oscillator, 10-mc and 1-me multiplier, scaler, count control, and count decade functional sections.	
		If some but not all readout indicators change display in numerical order, check the count decade and readout functionU sections.	
		If more than one number lights at a time on any readout indicator, check the readout functional section.	
5	Turn C TRIGGER VOLTS control clockwise.	GATE lamp goes out.	6
		If GATE lamp does not go out, check C amplifier fictional section.	
6	Set SENSITIVITY switch to . IV and the time-base switch to 1. Apply a 100-mv rms sine wave of approximately 1000 cps to the FREQ. A connector.	Frequency of input signal is displayed on the readout.	
		If frequency of input signal is not displayed on the readout, check A amplifier and count control functional sections.	
7	Set POWER switch to STORE.	Number displayed on readout does not change when GATE lamp is on.	8
		If number displayed on any readout indicator changes when GATE lamp is on, check cycle control and readout functional sections.	
8	Set SENSITIVITY switch to PLUG-IN, and both converter attenuator switches on the frequency converter to the left (. IV max) position. Operate the converter in all frequency ranges with 100-mv input signals applied to the INPUT connector.	If readout displays correct indications all major circuits within the counter are operating correctly.	9
		If readout displays incorrect indications, check converter and count fictional sections.	

TABLE 4-3. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
	<p>Note</p> <p>The remaining steps utilize the self-test function of the counter and may be performed as routine operating procedure at any time.</p>		
9	Set FUNCTION switch to FREQ , SENSITIVITY switch to TEST and time-base switch to 10^6 .	<p>00000010. MC is displayed on readout and gate lamp cycles on and off,</p> <p>If 00000010. MC is displayed on readout but gate lamp does not cycle on and off, check cycle control functional section.</p> <p>If wrong number is displayed on the readout but gate lamp cycles on and off, check count control and count decade functional sections.</p>	10
10	Set time-base switch to 10^5 .	<p>0000010.0 MC is displayed on readout.</p> <p>If wrong number is displayed on the readout, check count decade functional section,</p>	11
11	Set time-base switch to 10^4 .	<p>000010.00 MC is displayed on readout.</p> <p>If wrong number is displayed on readout, check count decade functional section.</p>	12
12	Set time-base switch to 10^3 .	<p>00010000. KC is displayed on readout.</p> <p>If wrong number is displayed on readout, check count decade functional section.</p>	13
13	Set time-base switch to 10^2 .	<p>0010000.0 KC is displayed on readout.</p> <p>If wrong number is displayed on readout, check count decade functional section.</p>	14
14	Set time-base switch to 10.	<p>010000.00 KC is displayed on readout.</p> <p>If wrong number is displayed on readout, check count decade functional section.</p>	15
15	Set time-base switch to 10^{-1}	<p>If 10000000 CPS is displayed on readout, all major circuits within the counter are operating correctly.</p> <p>If wrong number is displayed on readout, check count decade functional section.</p>	

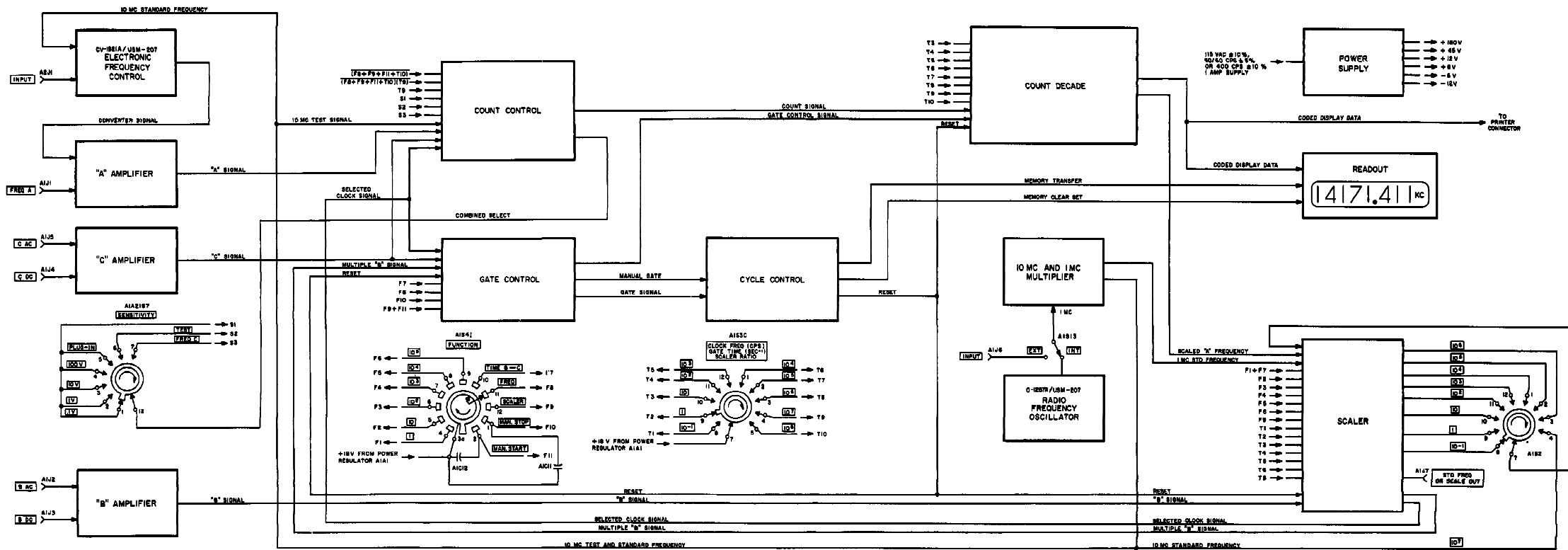


Figure 4-2. Overall Functional and Servicing Block Diagram

NOTES

1. Primary signal paths weighted.
2. **_____** (heavier weight) indicates functional section boundaries.
3. **-----** (lighter weight) indicates etched circuit boundaries.
4. When assembly and circuit boundaries coincide, solid lines are used with assembly reference designator shown in lower left-hand corner.
5. Letters and numbers near etched-circuit boundaries designate connector terminals.
6. Select signals S1 through S5, F1 through F11, and T1 through T10 generated by front-panel switches.

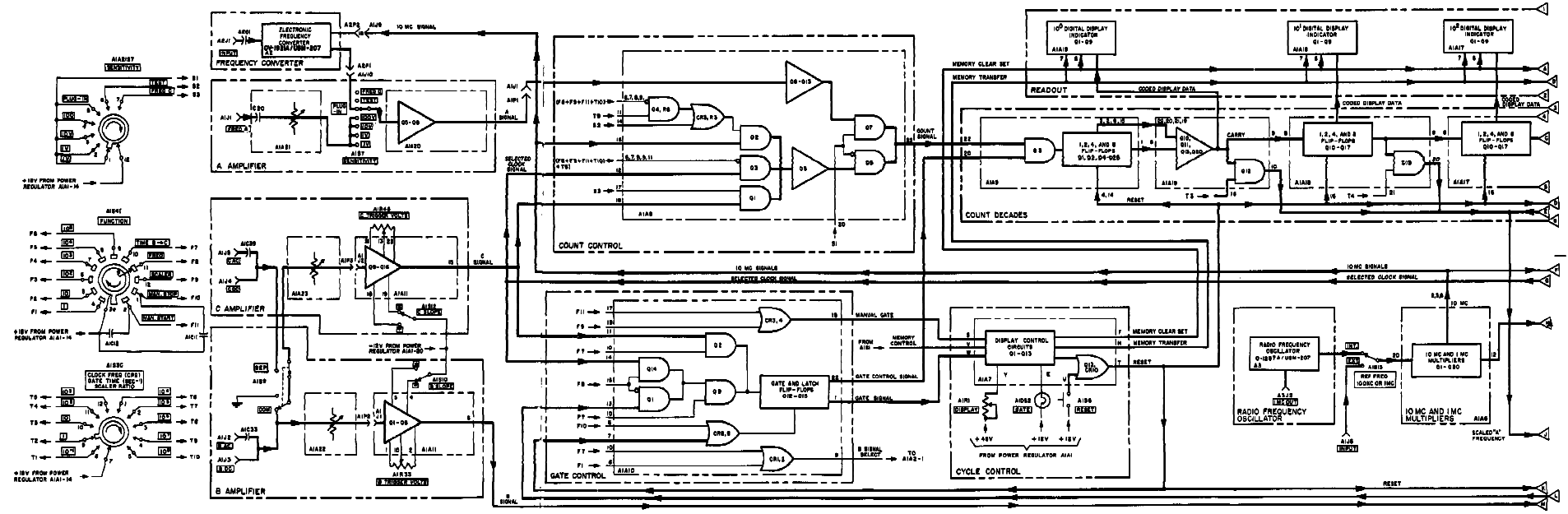


Figure 4-3. Overall Logic Diagram, Sheet 1 of 2

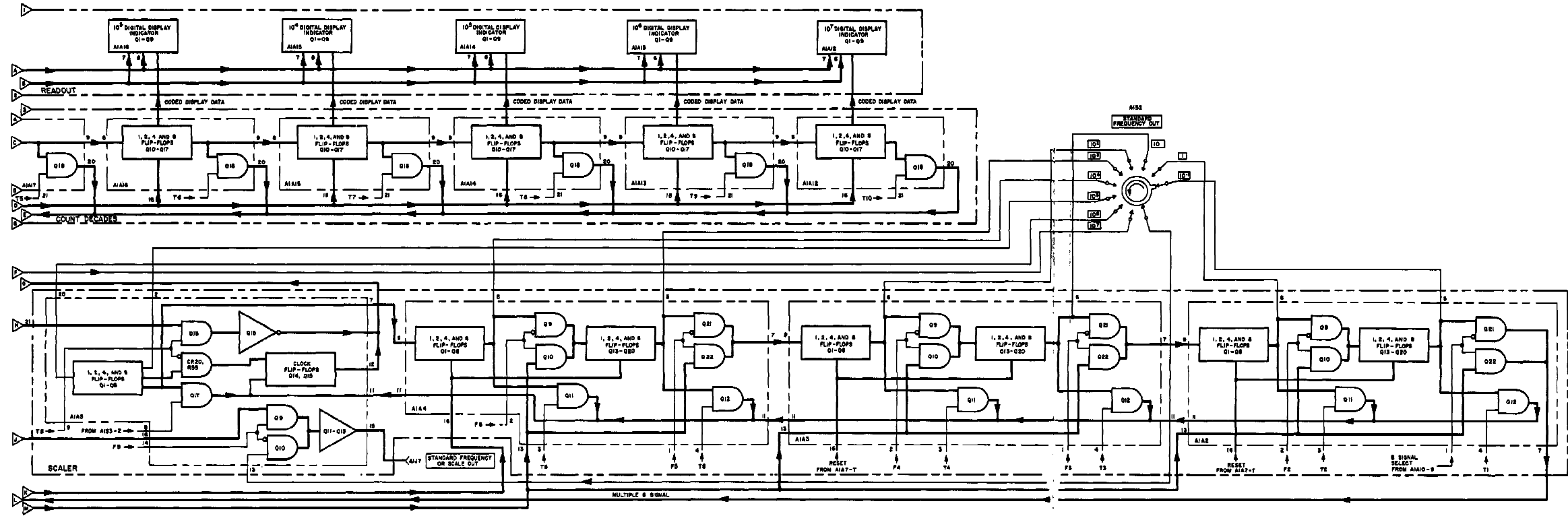


Figure 4-3. Overall Logic Diagram, Sheet 2 of 2
4-13, 4-14

4-4. RADIO FREQUENCY OSCILLATOR 0-1267A/USM-207.

a. RADIO FREQUENCY OSCILLATOR 0-1267A/USM/207 FUNCTIONAL DESCRIPTION. — The radio frequency oscillator is a separate assembly consisting of a 1-me oscillator, 1-me amplifiers, and regulated power supply. The amplifier circuits and the major portion of the power supply circuits are mounted on one printed circuit board. The 1-mc oscillator, power transformer, series-regulating transistor and one filter capacitor are mounted on the chassis of the unit Figure 4-4 shows the functional relationship of all circuits in the oscillator and gives test points and waveforms as an aid in trouble shooting.

The +25v power supply operates all circuits in the oscillator and is independent of the basic counter chassis. Transformer T1 supplies 30 vac to the bridge rectifier consisting of A3CR1 through A3CR4. The +35 -volt output of the bridge rectifier is applied to the input of the regulator consisting of A3Q1, A3Q2, and associated circuits.

The regulator is a series type with A3Q1 acting as a variable resistance in series with the load. Comparison amplifier A3Q2 compares a sample of the regulator output voltage (obtained from the voltage divider consisting of A3R7 and A3R8) against a stable reference voltage (the 11.2-volt drop across A3CR6 and A3CR7). Any dc shift or ac ripple in the output voltage is amplified and applied to the base of the series regulator transistor Q1. This signal has the proper polarity and amplitude to counteract the initial change in the output voltage. The regulated output voltage is supplied to the two 1-mc amplifiers A3Q3 and A3Q4 and to 1-mc oscillator A3Y1

The 1-me oscillator is a transistorized mechanically enclosed assembly providing a standard frequency source for the digital frequency counter. The 1-me oscillators may be supplied from two different vendors and are easily identified by the marking on the case. Separate trouble shooting techniques are described for each.

The Ovenaire unit includes the following functional circuits: (1) frequency generator; (2) regulator A3Y1Q4, regulator A3Y1CR1 and A3Y1R4, and (3) temperature control. The frequency generator consists of crystal A3Y1Y1, amplifiers A3Y1Q1 through A3Y1Q3, and associated circuits. The crystal resonates at 1 mc and receives its excitation from amplifier A3Y1Q1. Variations in the crystal resonant frequency as a result of aging are compensated for by COARSE and FINE adjustment capacitors A3Y1C3 and A3Y1C2. Regulator A3Y1Q4 provides the necessary operating voltage required by emitter follower A3Y1Q3 and serves as the input source for regulator A3Y1CR1 and A3Y1R4. Regulator A3Y1CR1 and A3Y1R4 provides the necessary operating voltage required by amplifiers A3Y1Q1 and A3Y1Q2. The 1-mc signal developed by A3Y1Y1 and A3Y1Q1 is amplified by A3Y1Q2 and applied through A3Y1Q3 to the output circuits of the radio frequency oscillator.

The temperature control maintains a constant temperature inside the crystal oven which houses the crystal and other frequent y-generator parts. Thermal resistor A3Y1R 15 senses the temperature inside the crystal oven, and causes an output to be which is proportional to the variation in that temperature. This output is amplified by amplifiers A3Y1Q5 through A3Y1Q8 and applied as a current variation to the heating element A3Y1R9. In turn, the heating element produces less or more heat, as required, to return the temperature to its regulated value. Reference diodes A3Y1CR4 through A3Y1CR7 supply thermal resistor A3Y1R 15 with a constant input voltage. Temperature-setting resistor A3Y1R21 sets the regulated value of the temperature inside the crystal oven.

The Electronic Research Company unit consists of two sub-assemblies, module A (A3Y1A1), and module B (A3Y1A2). Module A consists of a high Q precision quartz crystal and a highly stable proportional control oven. The operating temperature of the oven is matched to the frequency temperature coefficient null point of the quartz crystal to within +.05° C. Module B consists of precision oscillator and amplifier circuits compensated for component tolerances over the operating temperature range.

Module A is electrically connected to module B by two crystal leads (see Figures 5-33 and 5-34). These leads are attached to module B at points 5 and 6. Module B provides the necessary drive level (gain) for the quartz crystal. For maximum long term stability it is important that the drive level be maintained at a minimum level. Resistor R4, located between points 1 and 2, is selected to establish a signal level at point 5 in the range of 0.5V to 1.0V peak to peak. Module B also provides the required load capacitance (C4) in series with the quartz crystal to achieve the necessary frequency adjustment above and below the nominal frequency adjustment range of +0.5 PPM minimum of nominal.

The output of the 1-mc oscillator is applied to two separate amplifier stages A3Q3 and A3Q4. The load for A3Q3 is the series connection of A3R11 and A3R12. The common point of these two resistors is connected to ac ground by A3C4. This limits the maximum signal swing at the collector of A3Q3 to approximately 12 volts. The output of Q3 is the 1-mc standard frequency used throughout the counter. The load for A3Q4 is a 1-mc tuned tank coupled through an adjustable winding on A3T2 to the 1 MC OUT connector A3J2 on the panel of the assembly. The sinusoidal signal at this connector is approximately 1.0 v rms when operating into a 50-ohm load.

b. RADIO FREQUENCY OSCILLATOR 0-1267A/USM-207 TROUBLE SHOOTING. — Problems in the radio frequency oscillator fall into three categories: (1) Problems in the +25-volt regulated supply, (2) problems in the 1-mc oscillator, and (3) problems in the output circuits. Check the +25-volt regulated supply first, as described in table 4-4; then check the 1-me oscillator.

Note

The 1-mc oscillator is a mechanically enclosed subassembly, and cannot be tested in detail while mounted in the radio frequency oscillator. To repair it, requires specialized equipment and materials, not available on board ship. When the fault is isolated to the 1-mc oscillator replace it with one which is known to be operating properly, but do not discard the faulty subassembly. Instead, ship it to a test station which has the proper repair facilities. Refer to paragraph 5-5ac for shipping instructions. The modules in the Electronic research Company unit are precision subassemblies which are factory calibrated and compensated over the operating temperature range using special equipment and procedures.

Module A or B must be returned to the factory for repair.

The 1-mc oscillator normally produces an output voltage of approximately 1 volt rms after a 20-minute warmup. However, the load circuits will operate properly with an input voltage as low as 0.75 volt rms. Consider this before replacing the 1-mc oscillator. Finally, check the output circuits using standard signal-tracing techniques. See figure 4-4 for test points and expected waveforms.

c. USEFUL ILLUSTRATIONS. — Illustrations useful in maintaining this functional section are figures 4-4, 5-24 through 5-34 and 5-56 through 5-58 and 5-60.

TABLE 4-4. RADIO FREQUENCY OSCILLATOR 0-1267A/USM-207 TROUBLE SHOOTING

Note

The radio frequency oscillator is a shore-repairable item. The following procedures are not intended to be performed on board ship. Steps 3 through 14 apply to Ovenaire units; steps 3a through 14a apply to Electronic Research Co. units.

STEP	ACTION	RESULTS	NEXT STEP
+25-VOLT REGULATED SUPPLY			
1	Set POWER switch to STBY. Measure dc voltage at test point C after 20-minute	Voltage is correct (+25 volts +10%).	2
		Voltage is near zero.	3
		If voltage is greater than +27 volts, check A3Q1, A3Q2, A3CR5, A3CR6, and A3CR7.	
2	Measure ac ripple voltage at test point C.	Ripple voltage is 100 mv peak-to-peak or less.	3
		If ripple voltage is greater than 100 mv peak-to-peak, check A3C1 and A3C3.	
OSCILLATOR CIRCUITS, OVENAIRE			
3	Check waveform at test point E, and compare with that shown in figure 4-4.	Waveform is correct.	16
		Waveform is incorrect.	4
4	Disassemble the 1-mc oscillator according to paragraph 5-5ac. Connect test setup as shown in figure 5-32, and measure dc voltage at test point K.	Voltage is correct (+20 volts).	5
		If voltage is absent or too low (less than +18 volts), check A3Y1Q4.	

TABLE 4-4. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
OSCILLATOR CIRCUITS (cont)			
5	Measure dc voltage at test point J.	Voltage is correct (+12 volts \pm 1 volt).	6
		If voltage is incorrect, check A3Y1CR1.	
		If voltage is absent, check A3Y1R4.	
6	Observe waveform at test point G, and compare with that shown in figure 4-4.	Waveform is correct.	14
		If amplitude is too low (less than 1.4 volts peak-to-peak), check A3Y1R1, A3Y1Q1, and A3Y1Y1.	
		Frequency is incorrect.	7
7	While monitoring the frequency at test point F, turn first A3Y1C3 then A3Y1C2 through its entire adjustment range.	Frequency varies gradually as each adjustment capacitor is turned.	8
		If, when one of the adjustment capacitors is turned, frequency varies abruptly or not at all, check that capacitor.	
8	Remove all external connections from the 1-me oscillator and, while still disassembled, place in an oven preheated to 75°C. Leave it in the oven for a minimum and reconnect it in the test setup as shown in figure 5-32.		
9	Observe heating element A3Y1R9, and verify that it is energized.	Heating element is energized.	13
		Heating element is not energized.	10
10	Measure dc voltage at test point L.	Voltage is correct (+2.2 volts \pm 0.1 volt).	11
		If voltage is incorrect, check A3Y1R17.	
11	Measure dc voltage at test point M.	Voltage is correct (0.9 volt \pm 0.1 volt).	12
		If voltage is incorrect, check A3Y1R15.	
12	Measure dc voltage at test point N.	If voltage is correct (7.5 volts \pm 0.5 volt), check heating element A3Y1R9.	
		If voltage is incorrect, check A3Y1Q5, A3Y1Q6, A3Y1Q7, and A3Y1Q8.	
13	Calibrate the frequency of the 1-me oscillator according to paragraph 5-4i. Use test setup as described in paragraph 5-4i, but apply +25 volts between terminals E 19 and E20 and probe oscillator output at terminal E21. Following calibration, allow two hours for the oscillator to stabilize, then check the frequency again.	If the oscillator cannot be calibrated, check A3Y1Y1.	
		If the oscillator can be calibrated, but, following the two-hour warmup the frequency is off by more than 1 part in 10, perform the temperature adjustment procedure of paragraph 5-5ai.	
14	Check output voltage at test point H.	If output is correct, check A3Y1Q3.	
		If output voltage is incorrect, check A3Y1Q2.	

TABLE 4-4. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
OSCILLATOR CIRCUITS, ELECTRONIC RESEARCH CO.			
3a	Check amplitude at test point E, and compare with that shown in figure 4-4.	Amplitude is correct (1V rms +50%, -10%)	5a
		Amplitude is incorrect	4a
4a	Disconnect the WHI-BRN-RED wire from OSC OUTPUT; place a 500 ohm *10% resistor, between OSC OUTPUT (E21) and ground (E20). Check amplitude at test point F and compare with that shown in figure 4-4.	Amplitude is correct (1V rms +50%, -10%)	15
		Amplitude is incorrect or no output.	9a, 11a 12a
5a	Check waveform at test point F.	Waveform is correct. (Sine wave with less than 10% distortion)	6a
		Waveform is incorrect	9a, 11a 12a
6a	While monitoring the output frequency with a digital frequency meter having a resolution of 10 ⁻⁹ /sec, rotate fine adjustment and then coarse adjustment. (see figure 6-28). Warning: Do not force trimmers beyond end points.	Frequency varies gradually as each adjustment is turned.	7a
		Frequency varies abruptly as adjustment is turned.	9a, 11a 14a
7a	While monitoring the output frequency with a digital frequency meter having a resolution of 10 ⁻⁹ /sec adjust frequency to nominal. (See figure 5-27)	Frequency is correct or can be adjusted to nominal.	8a
		Frequency cannot be adjusted to nominal	9a, 11a 12a
8a	Monitor the output frequency with a digital frequency meter having a resolution of 10 ⁻¹⁰ /10 sec. Observe frequency for 100 counts. (See figure 5-28)	Peak to peak frequency deviation less than 20 (10) ⁻¹⁰	16
		Frequency is not stable.	9a, 10a
9a	Remove metal end plate by removing 4 screws (one on each side). See figure 5-33.		
10a	Remove yellow wire from +25 volt supply terminal and place a 500 millimeter between yellow wire and +25 volt supply terminal. Current should be stable at 50 MA ±10 MA at 25°C ambient after two hours warm-up time. Turn on current should be 300 MA ±40 MA.	Current is in the range of 50 MA +10 MA and is stable to ±1 MA.	11a, 12a
		Current is unstable or is not in the range of 50 MA ±10 MA.	11a, 13a
11a	Disconnect wires from feed-thru terminals. Remove 4 screws (one on each side) holding epoxy end plate. Push insulation forward from terminal end to remove modules A and B. See figure 5-33.		

TABLE 4-4. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
OSCILLATOR CIRCUITS (cont)			
12a	Connect signal generator to point 5 through a .01 mfd capacitor and ground as shown in figure 5-34. Set the output frequency of the signal generator to 5MC and output level of the signal to 0.3V rms \pm 10%. Monitor the output of Module B.	Output is correct (frequency, level and waveform)	13a
		Output waveform is incorrect or no Output	14a
13a	Replace Module A. See figure 5-33.		15
14a	Replace Module B. See figure 5-33.		15
OUTPUT CIRCUITS			
15	Observe waveform at test point I and compare with that shown in figure 4-4.	Waveform is correct.	16
		If waveform is incorrect, check A3Q3.	
16	Observe waveform at test point D and compare with that shown in figure 4-4.	Waveform is correct.	17
		If waveform is incorrect, check A3Q4.	
17	Connect 50-ohm load to A3J2. Observe waveform at test point 2 and compare with that shown in figure 4-4.	If waveform is incorrect, perform amplitude alignment procedure described in paragraph 5-4j. Then, if the waveform is still incorrect, check A3T2.	

- NOTES**
- Primary signal paths weighted.
 - Indicates etched circuit boundaries.
 - De voltages are preceded by "d" or "d-".
 - Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 3/cm.
Sweep time: 1 μ s/cm.
 - Explanation of symbols placed at waveforms:
T = Duration of the portion of waveform indicated.
V = Peak-to-peak voltage.
 - De voltages are measured with a CCUH-801 De Differential Voltmeter.
 - Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
 - Operating control settings:
POWER switch to STBY.
 - The letters CW, placed adjacent to A3YLR81, indicate the direction of rotation viewed from the shaft end.

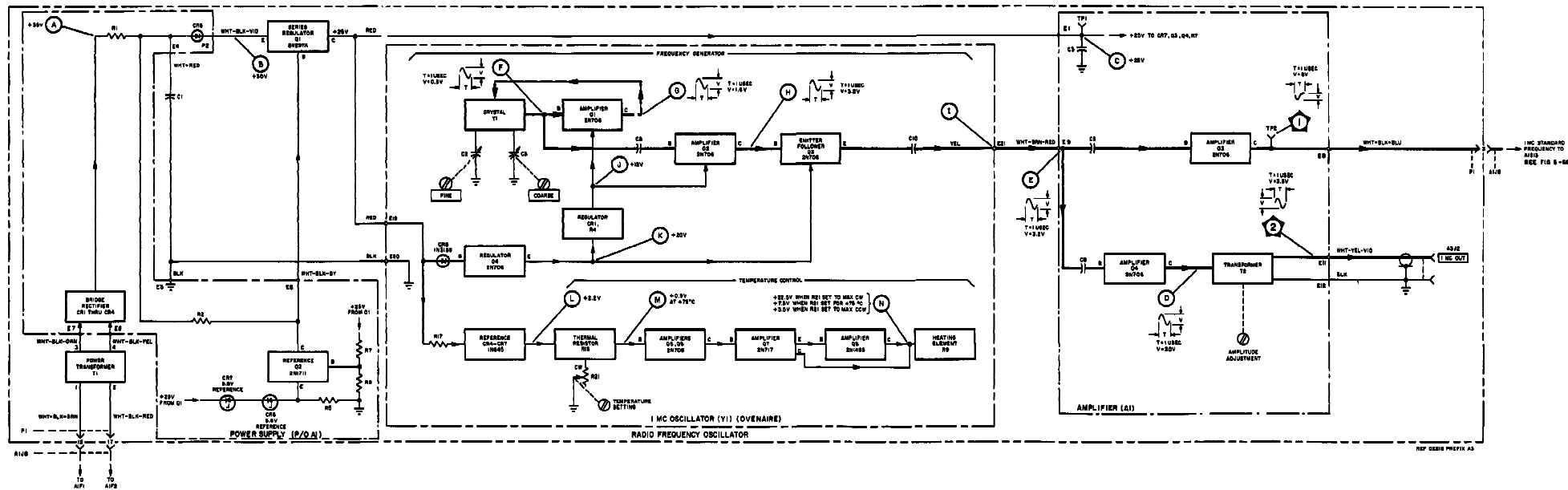


Figure 4-4. Radio Frequency Oscillator 0-1267A/USM-207, Functional and Servicing Block Diagram (Sheet 1 of 2)

- NOTES**
1. Primary signal paths weighted.
 2. ——— indicates etched circuit boundaries.
 3. Dc voltages are preceded by "+" or "-".
 4. Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5/cm.
Sweep time: 1 μs/cm.
 5. Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
 6. Dc voltages are measured with a CCUR-801 Dc Differential Voltmeter.
 7. Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
 8. Operating control settings:
POWER switch to STBY.

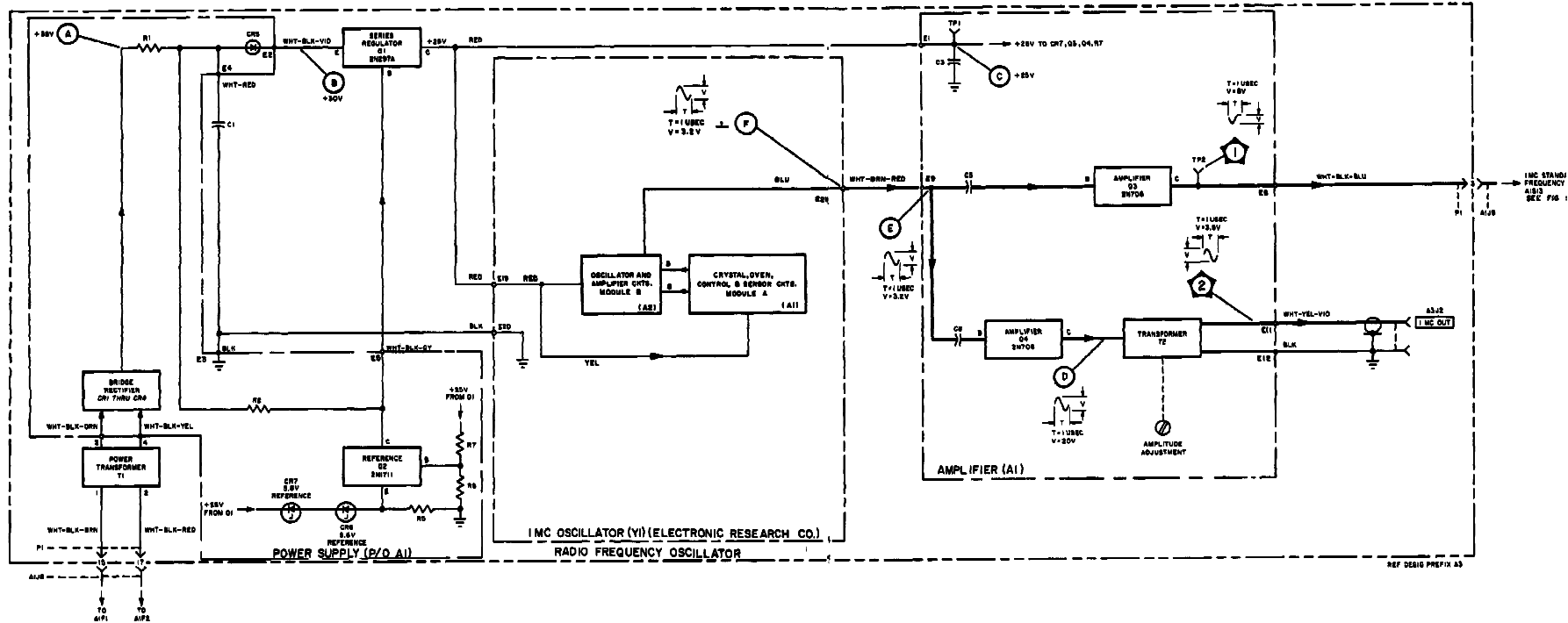


Figure 4-4. Radio Frequency Oscillator 0-1267A/ USM-207, Functional and Servicing Block Diagram (Sheet 2 of 2)

4.5. ELECTRONIC FREQUENCY CONVERTER CV-1921 A/USM- 207.

a. ELECTRONIC FREQUENCY CONVERTER CV- 1921A/USM- 207 FUNCTIONAL DESCRIPTION. - The converter is a separate assembly consisting of all circuits necessary for converting signals in the frequency range of 100 mc to 500 mc to a frequency range within the measurement capabilities of the counter. Figure 4-5 shows the functional relationship of all circuits in the converter and gives test points and waveforms as an aid in trouble shooting.

The converter operates on the heterodyne principle of mixing the unknown frequency with a known frequency to produce a beat frequency which can be measured by the counter. The result of the beat frequency measurement and the frequency of the known mixed signal can then be used to determine the frequency of the original signal.

Nine mixing frequencies (100, 150, 200, 250, 300, 350, 400, 450, and 500 megacycles) are used in the converter, all derived from the 10-mc standard frequency produced by the frequency multiplier A1A6. The 10-mc standard frequency is applied to the 50-mc multiplier A2A1; this assembly supplies a 50-mc signal to the harmonic generator. The harmonic generator produces the nine mixing frequencies. It consists of diode A2CR3 inside a cavity resonator. This diode produces harmonics which excite the cavity at each of the mixing frequencies. The resonant frequency of the cavity may be varied by means of switch A2S4 to produce any of the mixing frequencies at its output.

The remaining circuits of the converter consist of the attenuator, the mixer, and the video amplifier. The arrangement of these circuits is shown in figure 4-5,

When the input signal to the converter is between 35 mc and 100 mc, proper operation will occur when the DIRECT-HETERODYNE switch is in the DIRECT position. In this position the input signal is applied through the attenuator network R16, R17, directly to the video amplifier. This action results in the input signal merely being amplified before it is applied to the counter.

Input frequencies between 100 mc and 500 mc are measured with the DIRECT-HETERODYNE switch set to HETERODYNE. The input signal is applied to the balanced mixer and combined with a mixing frequency to produce a difference frequency between 5 mc and 55 mc. The difference frequency is passed through the low pass filter, amplified in the video amplifier, and applied to the counter. The mixing frequency selected can be either above or below the

incoming frequency, as long as it produces a difference frequency in the range of 5mc and 55mc. However, in most cases, each measurement is performed twice. First, the FREQUENCY TUNING MC switch is set to the lower frequency and the resultant readout of the counter is added to the mixing frequency. Next, the FREQUENCY TUNING MC switch is set to the higher frequency, and the resultant readout of the counter is subtracted from the mixing frequency. The latter serves as a verification for the first measurement. The 500 position of the FREQUENCY TUNING MC switch is used primarily for this purpose.

The amplified difference frequency of the video amplifier is, in addition, amplified in the meter amplifier and monitored by LEVEL METER A2M1. The LEVEL METER deflects in proportion to the input amplitude, and indicates whether or not this amplitude is sufficient to drive the counter.

b. FREQUENCY CONVERTER CV- 1921A/
USM- 207 TROUBLE SHOOTING. -

Note

To trouble shoot the converter requires special test equipment not available on board ship.

The converter operates at relatively high frequencies. As such, it is not suited for a point-by-point trouble-shooting procedure. Instead, the operation of the converter is tested in each position of the mixing frequency selector switch, and the fault isolated to one or more groups of circuits. In general, if the operation is improper in every position of the mixing frequency selector switch, the fault is probably located either in the input attenuator or the video amplifier. If improper operation occurs in only one or two switch positions, the fault can probably be found in a cavity component associated with that switch position. Finally, check the circuits in detail. Check transistors and diodes first, followed by capacitors and inductors.

A point-by-point trouble-shooting procedure is possible for the 50-mc frequency multiplier and video amplifier circuits. These procedures are shown in table 4-5, and are performed once the problem is isolated to either of these circuit groups.

Problems in the 50-mc frequency multiplier can be caused by improper tuning. Before starting the trouble-shooting procedure, check that each stage of the converter is properly tuned. The procedure for tuning each stage is given in paragraph 5-4k.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-5, 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-52, 5-53, 5-54, 5-55, 5-60, 5-61, and 5-62.

TABLE 4-5. 50MC FREQUENCY MULTIPLIER AND VIDEO AMPLIFIER TROUBLE SHOOTING

Note

The following procedure is not intended to be performed on board ship.

STEP		RESULTS	NEXT STEP
50 MC MULTIPLIER (A2A1)			
1	Observe waveform at test point A on A2A1 and compare with that shown in figure 4-5.	Waveform is correct. If waveform is incorrect, check A2A1Q1, A2A1Q2, A2A1CR1, A2A1CR2, A2A1T1, and A2A1T2. Readjust A2A1T1 and A2A1T2.	2
2	Observe waveform at test point B on A2A1 and compare with that shown in figure 4-5.	Waveform is correct. If waveform is incorrect, check A2A1Q3, A2A1Q4, A2A1Q5, A2A1T3, A2A1T4, and A2A1T5. Readjust A2A1T3, A2A1T4, A2A1T5, and A2R4.	3
VIDEO AMPLIFIER			
3	Place FREQUENCY TUNING-MC switch in the O position, attenuator switches to the left, and DIRECT-HETERODYNE switch to DIRECT. Apply a 10-mv rms 100-mc sine wave to the INPUT connector. Observe the waveform at test point 1 and compare with that shown in figure 4-5.	Waveform is correct. If waveform is incorrect, check A2A2Q3, A2A2Q4, A2A2Q5, and A2A2Q6.	4
4	Observe action of level meter A2M1.	If meter reads in green area, check counter operation. If meter does not read in green area, check A2A2Q7, A2A2CR7, A2A2CR8, A2MI, A2A2R41, A2R42, and A2A2R43.	

NOTES

1. Primary signal paths weighted.
2. - - - - - indicates assembly boundaries.
3. Names of panel controls and connectors are enclosed in boxes.
4. Dc voltages are preceded by "d" or "D".
5. Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm, 0.1 v/cm
Sweep time: 1 μs/cm
Sweep magnifier: X10.
6. Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
7. Dc voltages are measured with a CCUN-801 Dc Differential Voltmeter.
8. The letters CW, placed adjacent to the appropriate terminals of A3W48, indicates the direction of rotation viewed from the shaft end.
9. Letters and numbers outside of sigma logic or circuit blocks indicate transistor elements.

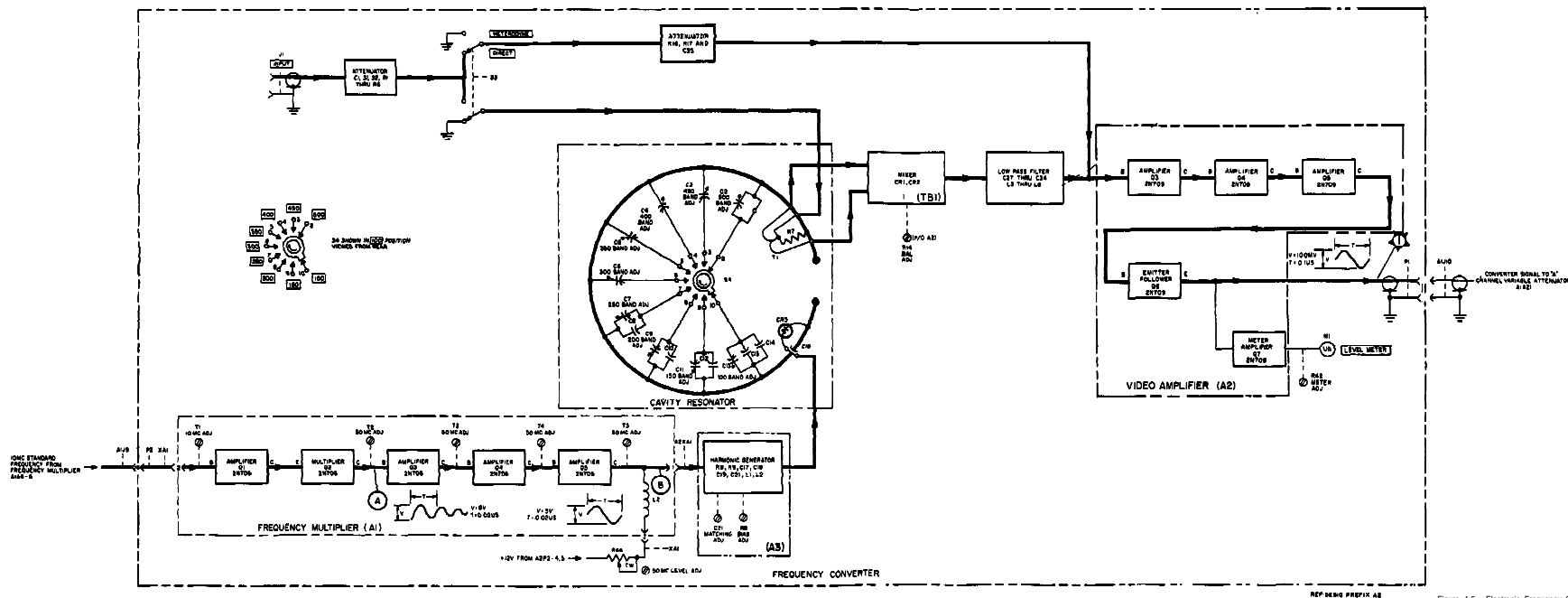


Figure 4-5. Electronic Frequency Converter CV-1921A/USM-207. Functional and Servicing Block Diagram

4-6. A AMPLIFIER.

a. A AMPLIFIER FUNCTIONAL DESCRIPTION.

The A amplifier consists of A attenuator A1A21 and af-rf amplifier A1A20. The A attenuator is mounted on the front panel SENSITIVITY switch; the af-rf amplifier is constructed on printed circuit board A1A20. This functional section receives the A input signal from the FREQ. A receptacle and the output signal from the frequency converter, attenuates and/or amplifies these signals, and supplies one, as selected, to count control functional section. The A amplifier functional and servicing block diagram is shown in figure 4-6. The A input signal is capacity-coupled to the A attenuator, and the output of the A attenuator is applied to the af-rf amplifier. Signals appearing at the input of the af-rf amplifier are coupled to the gate terminal of the field-effect transistor A1A20Q6. This transistor operates as a source-follower and presents a high input impedance to low frequency signals. This stage is bypassed by A1A20C18 at higher frequencies. Current to A1A20Q6 is supplied by the constant-current generator A1A20Q5.

The output of the source follower is capacity-coupled to two-stage amplifier A1A20Q7 and A1A20Q8.

The output of A1A20Q8 becomes the A signal that is supplied to the count control functional section.

b. A AMPLIFIER TROUBLE SHOOTING. —

Problems in the A amplifier fall into two categories: (1) problems in the attenuator assembly, and (2) problems in the amplifier stages.

Problems in the attenuator assembly usually result from opened or shorted parts due to application of excessive voltages to the FREQ. A receptacle. The coupling capacitor at this input is a 600-volt unit, and may be damaged if voltages greater than this are applied. If the amplifier does not produce an output in certain positions of the SENSITIVITY switch check the parts involved in that switch position. To trouble shoot problems in the amplifier stages, first remove left section of the front panel from the front casting. The procedure for removing the panel is given in Section 5. The trouble shooting procedure given in table 4-6 follows a signal through the amplifier on a stage-by-stage basis. When a stage is found where the signal is absent, check the parts associated with that stage.

c. USEFUL ILLUSTRATIONS. —

Illustrations useful in maintaining this functional section are: figures 4-6, 5-8, 5-9, 5-10, 5-20, and 5-63.

TABLE 4-6. A AMPLIFIER TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. SENSITIVITY switch to 10 V. Apply a 10-volt rms, 1000-cps sine wave to the FREQ. A connector. Observe the waveform at test point A and compare with that shown in figure 4-6.	Waveform is correct.	2
		If waveform is incorrect or absent, check A1A20Q6, A1A21R6, and A1A21R7.	
2	Change SENSITIVITY switch to 1 V and amplitude of input signal to 1 volt rms. Observe the waveform at test point A and compare with that shown in figure 4-6.	Waveform is correct.	3
		If waveform is incorrect or absent, check A1A21R4 and A1A21R5.	
3	Change SENSITIVITY switch to .1 V and amplitude of input signal to 0.1 volt rms. Observe the waveform at test point A and compare with that shown in figure 4-6.	Waveform is correct.	4
		If waveform is incorrect or absent, check A1A21R2 and A1A21R3.	
4	Observe the waveform at test point B and compare with that shown in figure 4-6.	Waveform is correct.	5
		If waveform is incorrect, check A1A20Q7.	
5	Observe the waveform at test point 1 and compare with that shown in figure 4-6.	If waveform is correct, check count control.	
		If waveform is incorrect, check A1A20Q8.	

NOTES

1. Primary signal paths weighted.
2. - - - - - indicates assembly boundaries.
3. Names of panel controls and connectors are enclosed in boxes.
4. Dc voltages are preceded by "+" or "-".
5. Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 1 v/cm.
Sweep time: 1 ms/cm.
6. Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
7. Dc voltages are measured with a CCUM-801 Dc Differential Voltmeter.
8. Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
9. Operating control settings:
POWER switch to TRACK.
SENSITIVITY switch to 10 V with 10 v rms applied to FREQ. A connector.
SENSITIVITY switch to 1 V with 1 v rms applied to FREQ. A connector.
SENSITIVITY switch to .1 V with 0.1 v rms applied to FREQ. A connector.

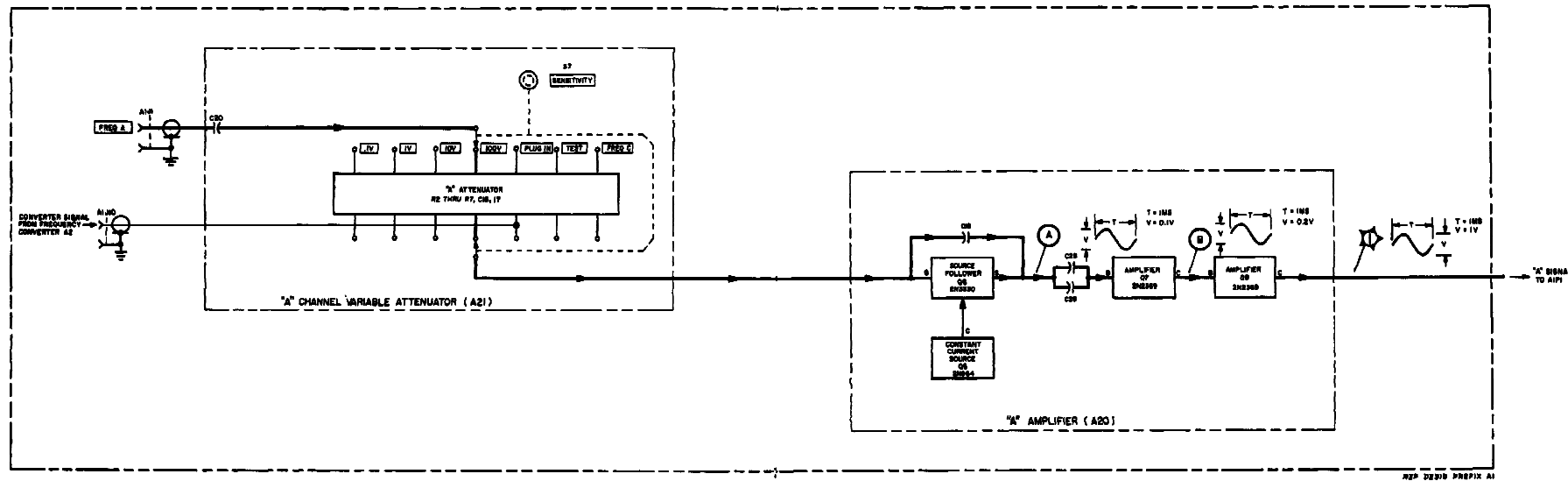


Figure 4-6. "A" Amplifier, Functional and Servicing Block Diagram

4-7. B AMPLIFIER.

a. B AMPLIFIER FUNCTIONAL DESCRIPTION.

— The B amplifier consists of the channel B variable attenuator and trigger level control A1A22 and part of af-rf amplifier A1 A11. The channel B variable attenuator is mounted on the front-panel B MULTIPLIER switch; the af-rf amplifier is constructed on one-half of printed circuit board assembly A1 A1 1. This functional section receives the input B signal from the B AC and B DC input connectors, attenuates, amplifies, and shapes this signal for use throughout the counter. The B amplifier functional and servicing block diagram is shown in figure 4-8.

The B DC input is direct-coupled through the attenuator to the B coaxial connector J1 and A1A11. The B AC input is capacity-coupled by A1C33 to the same point. The mode selector switch AIS9 permits the input of the B attenuator to be connected to the input of the C attenuator when certain measurements requiring common B and C signals are made. Signals appearing at the B coaxial connector on A1 A1 1 are coupled to the gate terminal of the field-effect-transistor A1A11Q1. This stage (AMPL1) presents a high input impedance to low-frequency input signals. The output of this stage is coupled to differential amplifier DA2, consisting of A1A11Q2 and A1A11Q3. The output of A1A11Q2 is applied to dc amplifier AMPL3 consisting of A1A11Q4. A portion of the output of this stage is fed back through A1A11R13 to A1A11Q3. This feedback stabilizes the differential amplifier over changes in temperature and transistor characteristics. The output of A1A11Q4 is also applied to A1A11Q5. This transistor is part of Schmitt-trigger stage ST4 which provides a pulse output to the remainder of the amplifier.

The differential amplifier, dc amplifier, and Schmitt trigger make up the trigger circuits for the B input. The input signal to the Schmitt trigger can be made to vary about a dc level by the dc bias-voltage variations on the base of A1A11Q3. This variable bias voltage is supplied by the B TRIGGER VOLTS control A1R33. Since the trigger points of the Schmitt trigger are fixed, the points on the input signal which cause the Schmitt trigger to change state can be varied by adjusting the B TRIGGER VOLTS control. The range of this control is sufficient to vary the trigger points of the Schmitt trigger over the complete waveform of any signal within the dynamic range of the amplifier.

The output of the Schmitt trigger is applied to AND gate AG7 and to inverter INV5 consisting of A1A11Q7. The output of the inverter is applied to another AND gate, AG6. Both AND gates are controlled by the B SLOPE switch A1S10. When this switch is set to +, the output of the Schmitt trigger is capacity-coupled through AG7 to the output inverter INV8 consisting of A1A11Q8. When the B SLOPE switch is set to -, the output of INV5 is capacity-coupled through AG6 to INV8. The two AND gates and the B SLOPE switch have the effect of selecting either the positive or negative slope of the input waveform for ultimately triggering the output inverter. Figure 4-7 shows the relationships of the typical sine-wave input signal to the amplifier output for all variations of trigger level polarity and slope selection.

b. B AMPLIFIER TROUBLE SHOOTING. —

Problems in the B amplifier fall into three categories: (1) problems in the attenuator assembly, (2) problems in the trigger voltage adjustment stages and, (3) problems in the slope selection stages. Table 4-7 is a trouble-shooting chart for the B amplifier. Some of the problems mentioned can be caused by improper adjustment of the amplifier. Before starting the trouble-shooting procedure, check that the amplifier is properly adjusted. The procedure for adjusting the amplifier is given in paragraph 5-4h.

Problems in the attenuator assembly usually result from opened or shorted parts due to application of excessive voltages to the B AC or B DC inputs. The coupling capacitor at the B AC input is a 600-volt unit and may be damaged if voltages greater than this are applied. If the amplifier does not produce an output in certain positions of the B MULTIPLIER switch, check the parts involved in that switch position.

Problems in the trigger voltage adjustment stages will be in either the field-effect transistor stage AMPL1, differential amplifier DA2, dc amplifier stage AMPL3, or Schmitt trigger ST4. In trouble shooting for problems in these stages it is most efficient to follow the signal through the amplifier until the faulty stage is located. When it is located, check the individual parts in detail.

Problems in the slope selection stages will be in either inverter stages INV5 and INV8, or in AND gates AG6 and AG7. If a part in the amplifier is replaced readjust the assembly according to the procedure of paragraph 5-4h.

c. USEFUL ILLUSTRATIONS. — Illustrations useful in maintaining this functional section are: figures 4-7, 4-8, 5-8, 5-9, 5-11, 5-47, and 5-64.

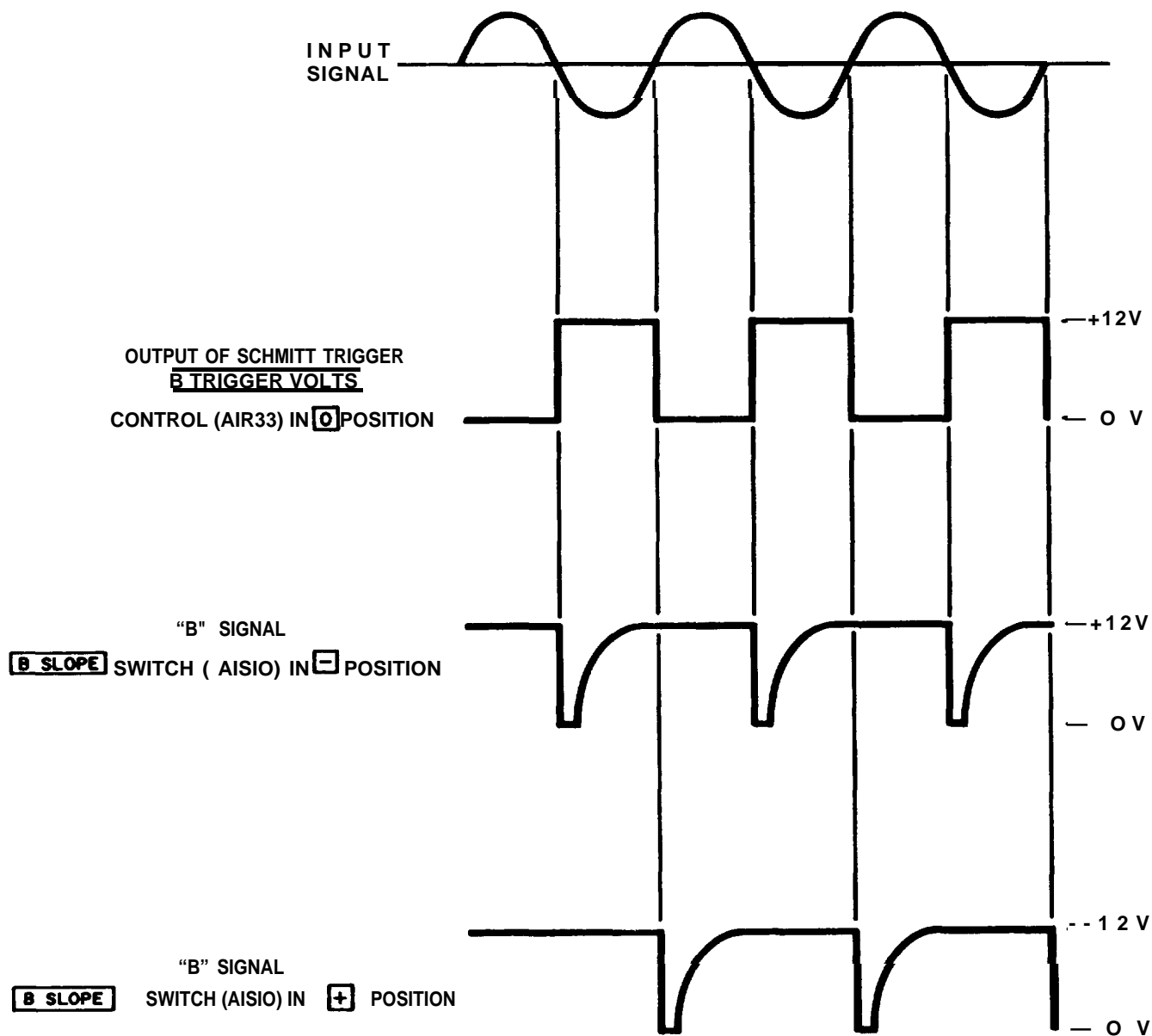


Figure 4-7. "B" Amplifier, Trigger Point Waveforms

TABLE 4-7. B AMPLIFIER TROUBLE SHOOTING

ISTEP	ACTION	RESULTS	NEXT STEP
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. Mode selector switch to SEP. B MULTIPLIER switch to 10. B TRIGGER VOLTS control to 0.	Waveform is correct. If waveform is incorrect or absent, check A1A11Q1, A1A22R277, A1A22R28, A1A22C36, and AIC33.	2

TABLE 4-7. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
(cont)	Apply a 10-volt rms, 1000-cps sine-wave signal to the B AC connector. Observe the waveform at test point A and compare with that shown in figure 4-8.		
2	Change B MULTIPLIER switch to 3 and amplitude of input signal to 3 volts rms. Observe the waveform at test point A and compare with that shown in figure 4-8.	Waveform is correct.	3
		If waveform is incorrect or absent, check A1A22R25 and A1A22R26.	
3	Change B MULTIPLIER switch to 1 and amplitude of input signal to 1 volt rms. Observe the waveform at test point A and compare with that shown in figure 4-8.	Waveform is correct	4
		If waveform is incorrect or absent check A1A22R23, A1A22R24, and A1A22C35.	
4	Change B MULTIPLIER switch to .3 and amplitude of input signal to O. 3 volt rms. Observe the waveform at test point A and compare with that shown in figure 4-8.	Waveform is correct.	5
		If waveform is incorrect or absent check A1A22R21, A1A22R22, and A1A22C34.	
5	Change B MULTIPLIER switch to .1 and amplitude of input signal to O. 1 volt rms. Observe the waveform at test point A and compare with that shown in figure 4-8.	Waveform is correct.	6
		If waveform is incorrect or absent, check A1A22R50 and A1A22C46.	
6	Rotate B TRIGGER VOLTS control throughout its range, observe the waveform at test point B and compare with that shown in figure 4-8.	Waveform remains correct as B TRIGGER VOLTS control is rotated.	7
		If waveform is incorrect or disappears when B TRIGGER VOLTS control is rotated, check adjustment of amplifiers A1A11Q2, A1A11Q3, A1A11Q4, A1A11CR1, A1A11CR2, and A1A11CR3.	
7	Set B TRIGGER VOLTS control to O, observe the waveform at test point C and compare with that shown in figure 4-8.	Waveform is correct.	8
		If waveform is incorrect check, A1A11Q5, A1A11Q6, and A1A11CR4.	
8	Set B SLOPE switch to +, observe the waveform at test point D and compare with that shown in figure 4-8.	Waveform is correct.	9
		If waveform is incorrect check, A1A11Q7, A1A11CR5, A1A11CR6, and A1A11CR7.	
9	Change B SLOPE switch from + to -, observe the waveform at test point 1 and compare with that shown in figure 4-8.	If waveform remains correct when B SLOPE switch is in either position, check loading of B amplifier.	
		If waveform is incorrect, check A1A11Q8, A1A11CR8, A1A11CR9, and A1A11CR10.	

NOTES

- Primary signal paths weighted. Feedback paths weighted and dashed.
- Indicates assembly boundaries.
- Names of panel controls and connectors are enclosed in boxes.
- Dc voltages are preceded by "+" or "-".
- Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 2 v/cm.
Sweep time: 1 ma/cm.
- Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
- Dc voltages are measured with a CCUR-801 Dc Differential Voltmeter.
- The letters CCW, placed adjacent to the appropriate terminals of A1A22R23, indicate the direction of rotation viewed from the end shaft.
- Abbreviations within logic or circuit blocks are as follows:
AG AND Gate
AMPL Amplifier
DA Differential Amplifier
INV Inverter
FT Schmitt Trigger
Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
- Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
- Operating control settings:
POWER switch to TRACK.
Mode selector switch to SEP.
B MULTIPLIER switch to 10 with 10 v rms applied to B AC connector.
B MULTIPLIER switch to 3 with 3 v rms applied to B AC connector.
B MULTIPLIER switch to 1 with 1 v rms applied to B AC connector.
B MULTIPLIER switch to .3 with 0.3 v rms applied to B AC connector.
B MULTIPLIER switch to .1 with 0.1 v rms applied to B AC connector.
B TRIGGER VOLTS control to 0.
B SLOPE switch to - to produce waveform at D.

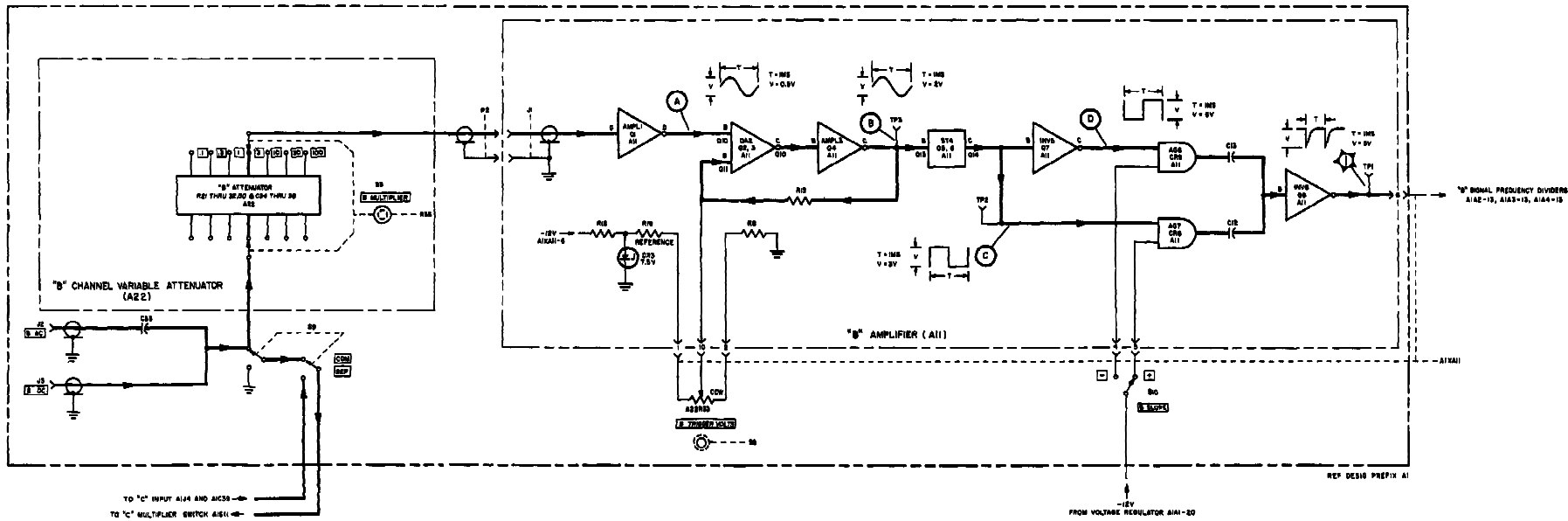


Figure 4-8. "B" Amplifier, Functional and Servicing Block Diagram

4-8. C AMPLIFIER.

a. C AMPLIFIER FUNCTIONAL DESCRIPTION. — The C amplifier consists of the channel C variable attenuator and trigger level control A1A23, and part of af-rf amplifier A1A11. The channel C variable attenuator is mounted on the front-panel C MULTIPLIER switch; the af-rf amplifier is constructed on one-half of printed circuit board assembly A1A11. This functional section receives the C input signal from the C AC and C DC input connectors, attenuates, amplifies, and shapes this signal for use throughout the counter. The C amplifier functional and servicing block diagram is shown in figure 4-9.

The C DC input is direct-coupled through the attenuator to the C coaxial connector J2 on A1A11. The C AC input is capacity-coupled by A1C39 to the same point. Signals appearing at the C coaxial connector on A1A11 are coupled to the gate terminal of field-effect-transistor A1A11Q9. This stage (AMPL9) presents a high input impedance to low frequency input signals. The output of this stage is coupled to differential amplifier DA10 consisting of A1A11Q10 and A1A11Q11. The output of A1A11Q10 is applied to dc amplifier AMPL11 consisting of A1A11Q12. A portion of the output of this stage is fed back through A1A11R50 to A1A11Q11. This feedback stabilizes the differential amplifier over changes in temperature and transistor characteristics. The output of A1A11Q12 is also applied to A1A11Q13. This transistor is part of Schmitt-trigger stage ST12 which provides a pulse output to the remainder of the amplifier.

The differential amplifier, dc amplifier, and Schmitt trigger make up the trigger circuits for the C input. The input signal to the Schmitt trigger can be made to vary about a dc level by the dc bias voltage variations on the base of A1A11Q11. This variable bias voltage is supplied by the C TRIGGER VOLTS control A1R46. Since the trigger points of the Schmitt trigger are fixed, the points on the input signal which cause the Schmitt trigger to change states can be varied by adjusting the C TRIGGER VOLTS control. The range of this control is sufficient to vary the trigger points of the Schmitt trigger over the complete waveform of any signal within the dynamic range of the amplifier.

The output of the Schmitt trigger is applied to AND gate AG15 and to inverter INV13 consisting of

A1A11Q15. The output of the inverter is applied to another AND gate, AG14. Both AND gates are controlled by the C SLOPE switch A1S12. When this switch is set to +, the output of the Schmitt trigger is capacity-coupled through AG15 to the output inverter INV8 consisting of A1A11Q16. When the B SLOPE switch is set to -, the output of INV13 is capacity-coupled through AG14 to INV8. The two AND gates and the C SLOPE switch have the effect of selecting either the positive or negative slope of the input waveform for ultimately triggering the output inverter. The relationships of a typical sine-wave input signal to the amplifier output signal for all variations of trigger level polarity and slope selection are identical to those shown for the B amplifier in figure 4-7.

b. C AMPLIFIER TROUBLE SHOOTING. — Problems in the C amplifier fall into three categories: (1) problems in the attenuator assembly, (2) problems in the trigger voltage adjustment stages, and (3) problems in the slope selection stages. Table 4-8 is a trouble-shooting chart for the C amplifier. Some of the problems mentioned can be caused by improper adjustment of the amplifier. Before starting the trouble-shooting procedure check that the amplifier is properly adjusted. The procedure for adjusting the amplifier is given in paragraph 5-4h. Problems in the attenuator assembly usually result from opened or shorted parts due to application of excessive voltages to the C AC or C DC inputs. The coupling capacitor at the C AC input is a 600-volt unit, and may be damaged if voltages greater than this are applied. If the amplifier does not produce an output in certain positions of the C MULTIPLIER switch, check the parts involved in that switch position,

Problems in the trigger voltage adjustment stages will be either the field-effect transistor stage AMPL9, differential amplifier DA10, dc amplifier stage AMPL11, or Schmitt trigger ST12. In trouble shooting for problems in these stages it is most efficient to follow the signal through the amplifier until the faulty stage is located. When it is located, check the individual parts in detail.

Problems in the slope selection stages will be either in inverter stages INV13 and INV16, or in AND gates AG14 and AG15. If a part in the amplifier is replaced, readjust the assembly according to the procedure of paragraph 5-4h.

c. USEFUL ILLUSTRATIONS. — Illustrations useful in maintaining this functional section are: figures 4-9, 5-8, 5-9, 5-12, 5-47, and 5-65.

TABLE 4-8. C AMPLIFIER TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. Mode selector switch to SEP. C MULTIPLIER switch to 10. C TRIGGER VOLTS control to 0.	Waveform is correct. If waveform is incorrect or absent check A1A11Q9, A1A23R40, A1A23R41, A1C39, and A1A23C42.	2

TABLE 4-8, (Continued)

STEP	ACTION	RESULTS	NEXT STEP
1 cont)	Apply a 10 volt rms, 1000-cps sine-wave signal to the C AC connector. Observe the waveform at test point E and compare with that shown in figure 4-9.		
2	Change C MULTIPLIER switch to 3 and amplitude of input signal to 3 volts rms, Observe the waveform at test point E and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect or absent, check A1A23R38 and A1A23R39.	3
3	Change C MULTIPLIER switch to 1 and amplitude of input signal to 1 volt rms. Observe the waveform at test point E and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect or absent, check A1A23R36, A1A23R37, and A1A23C41.	4
4	Change C MULTIPLIER switch to 3 and amplitude of input signal to 0.3 volt rms. Observe the waveform at test point E and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect or absent, check A1A23R34, A1A23R35, and A1A23C40.	5
5	Change C MULTIPLIER switch to .1 and amplitude of input signal to 0.1 volt rms. Observe the waveform at test point E and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect or absent, check A1A23R51 and A1A23C47.	6
6	Rotate C TRIGGER VOLTS control throughout its range, observe the waveform at test point F and compare with that shown in figure 4-9.	Waveform remains correct as C TRIGGER VOLTS control is rotated. If waveform is incorrect or disappears when C TRIGGER VOLTS control is rotated, check adjustment of amplifiers A1A11Q10, A1A11Q11, A1A11Q12, A1A11CR11, A1A11CR12, and A1A11CR13.	7
7	Set C TRIGGER VOLTS control to O, observe the waveform at test point G and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect, check A1A11Q13, A1A11Q14, and A1A11CR14.	8
8	Set C SLOPE switch to +, observe the waveform at test point H and compare with that shown in figure 4-9.	Waveform is correct. If waveform is incorrect, check A1A11Q15, A1A11CR15, A1A11CR16, and A1A11CR17.	9
9	Change C SLOPE switch from + to -, observe the waveform at test point 2 and compare with that shown in figure 4-9.	If waveform remains correct when C SLOPE switch is in either position, check loading of If waveform is incorrect, check A1A11Q16, A1A11CR18, A1A11CR19, and A1A11CR20.	-

NOTES

- Primary signal paths weighted. Feedback paths weighted and dashed.
- indicates assembly boundaries.
- Names of panel controls and connectors are enclosed in boxes.
- Dc voltages are preceded by "+" or "-".
- Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 2 v/cm.
Sweep time: 1 ms/cm.
- Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
- Dc voltages are measured with a CCUH-301 Dc Differential Voltmeter.
- The letters CCW, placed adjacent to the appropriate terminals of A1A2B1B3 potentiometer, indicate the direction of rotation viewed from the shaft end.
- Abbreviations within logic or circuit blocks are as follows:
AG AND Gate
AMPL Amplifier
DA Differential Amplifier
INV Inverter
ST Schmitt Trigger
Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
- Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
- Operating control settings:
POWER switch to TRACK.
Mode selector switch to SEP.
C MULTIPLIER switch to 10 with 10 v rms applied to C AC connector.
C MULTIPLIER switch to 3 with 3 v rms applied to C AC connector.
C MULTIPLIER switch to 1 with 1 v rms applied to C AC connector.
C MULTIPLIER switch to .3 with 0.3 v rms applied to C AC connector.
C MULTIPLIER switch set to .1 with 0.1 v rms applied to C AC connector.
C TRIGGER VOLTS control to 0.
C SLOPE switch to - to produce waveform at E.

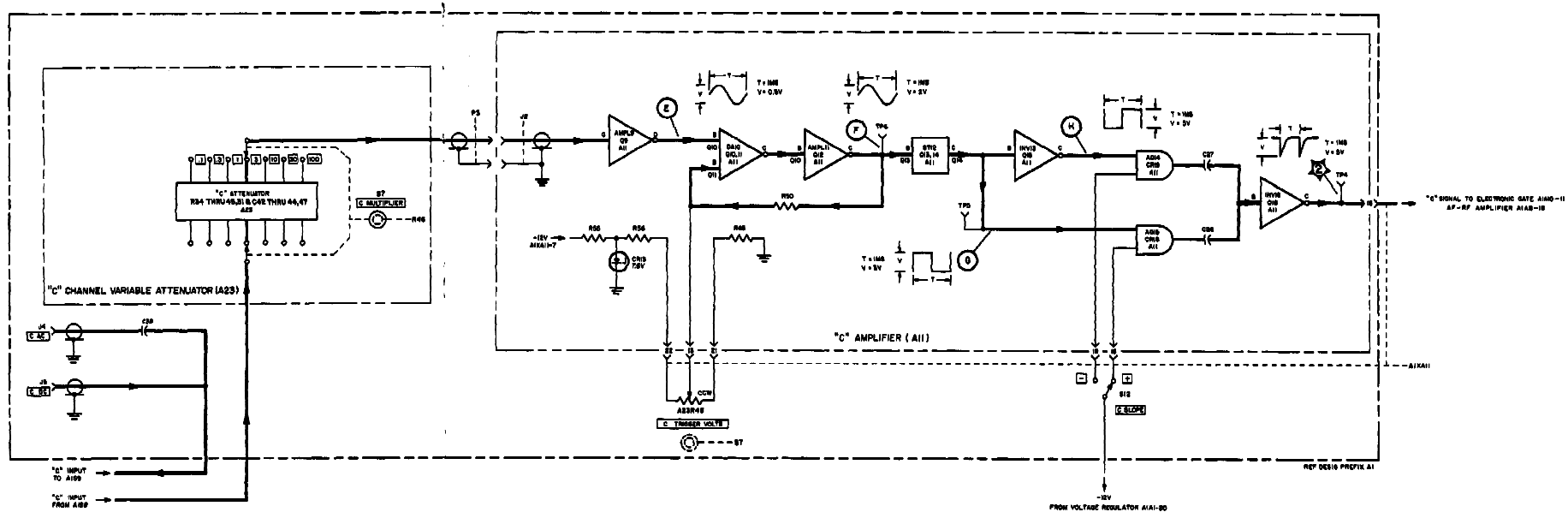


Figure 4-9. "C" Amplifier, Functional and Servicing Block Diagram

4-9. 10 MC AND 1 MC MULTIPLIER,

a. 10 MC AND 1 MC MULTIPLIER FUNCTIONAL DESCRIPTION. -- The 10 mc and 1 mc multiplier receives the 1-mc standard frequency produced by the radio frequency oscillator or an external 100-kc or 1-mc standard frequency. The multiplier amplifies, multiplies, and shapes these signals to produce the 1-me and 10-mc standard frequencies used throughout the counter. It is a separate assembly constructed entirely on printed circuit board A1A6. Figure 4-10 shows the functional relationship of all circuits in the multiplier and gives test points and waveforms as an aid in trouble shooting.

The input stage of the multiplier accepts either a 100-kc or 1-mc input signal. Resistor network A1A6R1 through A1A6R4 at the base of A1A6Q1 prevents damage to this transistor from the application of excessive dc levels (up to 600 v) to the input. The output of this stage is amplified further by A1A6Q2.

These two stages operate in the same way with either 100-kc or 1-mc inputs. The third stage, A1A6Q3, operates with a 500-kc tuned tank circuit as its load. When the input is a 100-kc signal, it multiplies that frequency by 5, producing a 500-kc signal at the collector of A1A6Q3. When the input is a 1-mc signal, it is passed with no multiplication. The output of A1A6Q3 is further amplified by a two stage amplifier consisting of A1A6Q4 and A1A6Q5.

The following stage, A1A6Q6, is a 1-mc tuned amplifier. When the input to this stage is 500 kc, the signal is multiplied by 2 to 1 mc. When the input to this stage is 1 mc, the signal passes without multiplication. The output of A1A6Q6 is further amplified by tuned amplifier stages A1A6Q7 and A1A6Q8, eliminating the 1-kc and 500-kc components from the 1-mc signal. The output of A1A6Q8 is amplified in amplifier A1A6Q9, passed through emitter follower A1A6Q10, and applied as the 1-me frequency standard to the frequency dividers.

The output of A1A6Q8 is, in addition, applied to emitter follower A1A6Q11, and serves as the 1-me fundamental from which the 10-mc signal is derived. Phase splitter A1A6Q12 provides two 1-mc outputs; one output is in-phase with the output of A1A6Q11, and the other is 180 degrees out-of-phase. The two outputs of the phase splitter are full-wave rectified by diodes A1A6CR7 and A1A6CR8, and combined to produce a 2-mc signal. Tuned amplifier A1A6Q13 amplifies this 2-mc signal and removes the 1-mc component. Clippers A1A6CR7 and A1A6CR8 increase the harmonic content of the 2-mc signal, Multiplier A1A6Q14 increases the 10-mc component of the clipped signal.

The output of A1A6Q14 is further amplified by tuned stages A1A6Q15 and A1A6Q16, eliminating the 2-mc components from the 10-mc signal. The output of A1A6Q16 is applied to two separate branches. In one branch it is passed through emitter followers A1A6Q19 and A1A6Q20 and terminated on pin 6 of XA1A6. This signal serves as the 10-mc input to the frequency converter. In the other branch the signal is amplified by amplifier A1A6Q17, passed through emitter follower A1A6Q18 and terminated on pin 2 and 3 of XA1A6. The signal terminated on pin 2 serves as the 10-mc standard frequency applied to A1S2. The signal terminated on pin 3 serves as the 10-mc test signal applied to the count control.

b. 10 MC AND 1 MC MULTIPLIER TROUBLE SHOOTING, -- Problems in the 10-mc and 1-me multiplier fall into four categories: (1) absence of 1-me output; (2) absence of 10-mc output; (3) improper 1-mc output waveform; and (4) improper 10-mc output waveform. Table 4-9 is a trouble-shooting chart for the 1-mc and 10-mc multiplier. Separate procedures are given for the 1-mc and 10-mc multipliers. All the problems mentioned above can be caused by improper tuning of one or more stages of the multiplier. Before the trouble-shooting procedure is started, check each stage for proper adjustment. The procedure for adjusting the multiplier is given in paragraph 5-4e. The most efficient method for isolating a problem in the multiplier is to follow the signal from stage to stage. When a stage is found where the signal disappears or becomes distorted, check the parts associated with that stage.

The output amplitude of Q1 is approximately the same with either the 100-kc or 1-me input.

Amplifiers A1A6Q2, A1A6Q5, and A1A6Q13 drive multiplier stages, and must have collector wave forms of the proper repetition rate with negative edges falling in less than 50 nanoseconds.

Table 4-9 is the 10-mc and 1-me multiplier trouble-shooting chart. In this table the specified input frequency is 100 kc. If the 1-mc multiplier is adjusted and working properly with this input frequency, it will also work properly with a 1-mc input frequency. If any tank circuit is adjusted in the process of trouble shooting or if a component is found to be faulty and is replaced, the entire multiplier must be adjusted. The procedure for adjusting the multiplier is given in paragraph 5-4e.

c. USEFUL ILLUSTRATIONS. -- Illustrations useful in maintaining this functional section are: figures 4-10, 5-42, and 5-66.

TABLE 4-9. 10 MC AND 1 MC MULTIPLIER TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1 MC MULTIPLIER			
1	Set POWER stich to TRACK and REF FREQ 100 KC OR 1 MC switch to EXT. Apply a 0.5-volt rms, 100-kc signal to time base INPUT connector, observe waveform at test point A and compare with that shown in figure 4-10.	Waveform is correct.	2
		If waveform is incorrect check A1A6Q1.	
2	Observe waveform at test point B and compare with that shown in figure 4-10.	Waveform is correct. (Negative edge falling in less than 50 nanoseconds.)	3
		If waveform is incorrect, check A1A6CR1 and A1A6Q2.	
3	Observe waveform at test point C and compare with that shown in figure 4-10.	Waveform is correct. (Negative edge falling is less than 50 nanoseconds.)	4
		If waveform is incorrect, check A1A6CR2, A1A6CR3, A1A6Q3, A1A6Q4, and A1A6Q5. Readjust A1A6C7.	
4	Observe waveform at test point D and compare with that shown in figure 4-10.	Waveform is correct. (Negative edge falling in less than 50 nanoseconds.)	5
		If waveform is incorrect, check A1A6CR4, A1A6Q6, and A1A6L2. Readjust A1A6L2.	
5	Observe waveform at test point E and compare with that shown in figure 4-10.	Waveform is correct.	6
		If waveform is incorrect, check A1A6Q7, A1A6Q8, A1A6L3, and A1A6L4. Readjust A1A6L3 and A1A6L4.	
6	Observe waveform at test point 1 and compare with that shown in figure 4-10.	Waveform is correct.	7
		If waveform is incorrect, check A1A6CR6, A1A6Q9, and A1A6Q10.	

TABLE 4-9. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
10 MC MULTIPLIER			
7	Observe waveform at test point F and compare with that shown in figure 4-10.	Waveform is correct. (Negative edge falling in less than 50 nanoseconds.)	8
		If waveform is incorrect, check A1A6CR7, A1A6CR8, A1A6CR9, A1A6CR10, A1A6Q11, A1A6Q12, and A1A6Q13.	
6	Observe waveform at test point G and compare with that shown in figure 4-10.	Waveform is correct. (Negative edge falling in less than 50 nanoseconds.)	9
		If waveform is incorrect, check A1A6L6, A1A6L7, A1A6L8, A1A6Q14, A1A6Q15, and A1A6Q16. Readjust A1A6L6, A1A6L7, and A1A6L8.	
9	Observe waveform at test point 2.	Waveform is correct. (Negative edge falling in less than 50 nanoseconds.)	10
		If waveform is incorrect, check A1A6Q19 and A1A6Q20.	
10	Observe waveform at test point 3.	If waveform is incorrect, check A1A6CR11, A1A6CR12, A1A6Q17, and A1A6Q18.	

- NOTES**
1. Primary signal paths weighted.
 2. - - - - - Indicates assembly boundaries.
 3. Names of panel controls and connectors are enclosed in boxes.
 4. Dc voltages are preceded by "+" or "-".
 5. Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm.
Sweep time: 1 μ s/cm, 0.1 μ s/cm.
 6. Explanation of symbols placed at waveforms:
T = Duration of the portion of waveform indicated.
V = Peak-to-peak voltage.
 7. Dc voltages are measured with a CCUH-601 Dc Differential Voltmeter.
 8. Letters outside of circuit blocks indicate transistor or diode elements.
 9. Operating control settings:
POWER switch to TRACK.
REF FREQ switch to EXT.
 10. T = 10 μ s when 100-kc input is used.
T = 1 μ s when 1-mc input is used.
 11. T = 2 μ s when 100-kc input is used.
T = 1 μ s when 1-mc input is used.

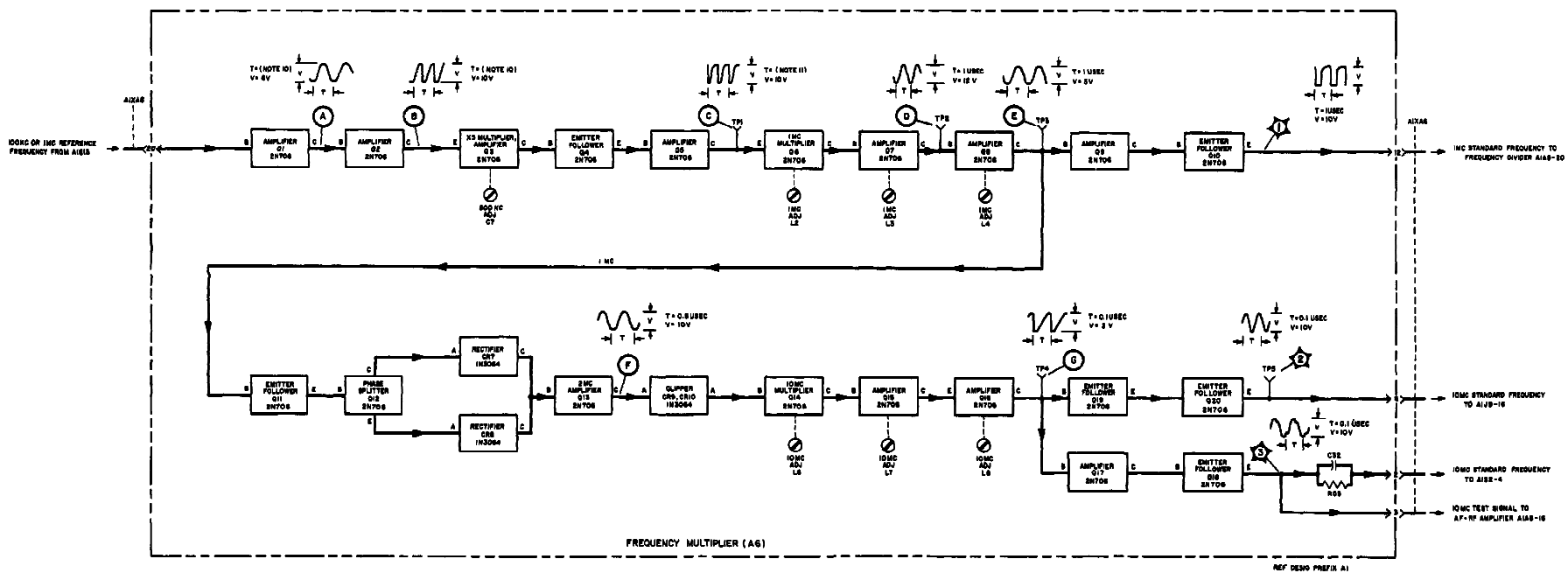


Figure 4-10. 10 Mc and 1 Mc Multiplier, Functional and Servicing Block Diagram

4-10. SCALER.

a. SCALER FUNCTIONAL DESCRIPTION. — The scaler functional section consists of two types of decade frequency dividers. The first type is capable of operating at a 1-mc rate; one of this type is included in the counter. It is constructed on printed circuit board A1A5. The second type is capable of operating at a 300-kc rate; six of this type are included in the counter. These six dividers are constructed in pairs on printed circuit boards A1A2, A1A3, and A1A4. Figure 4-15 shows the functional relationship of all circuits in the scaler and gives test points and waveforms as an aid in trouble shooting.

Each frequency divider consists of four bi-stable multivibrators (flip-flops) coupled together in such a way so as to produce one output pulse for each ten input pulses. Figure 4-11 shows a typical flip-flop.

The input to the flip-flop is applied at the junction of capacitors C1 and C2, and the output is taken at the collector of Q2. Resistors R1 and R2 form steering networks which steer input pulses to the base of the saturated transistor. These pulses cut off the saturated transistor and cause the flip-flop to change stage. The resulting output is a train of

pulses with half the repetition rate of the input pulses. Diodes CR1 and CR2 are used in some flip-flops to permit a higher counting rate.

Figure 4-12 is a simplified schematic diagram, showing a method of coupling the four flip-flops together to provide one output pulse for each ten input pulses. Figure 4-13 shows the idealized waveforms at the output of each flip-flop. At the count of zero, Q1, Q2, Q3, and Q5 are saturated and their collectors are at approximately zero volts. Diodes CR1 and CR2 form an AND gate at the input to the Q2-side of the "2" flip-flop. This AND gate prevents the "2" flip-flop and "4" flip-flop from changing state after the eighth input pulse is applied to the frequency divider. Since the Q4 side of the "8" flip-flop is driven directly by the "1" flip-flop, the tenth input pulse causes the "8" flip-flop to change state. This, in effect, causes the "8" flip-flop to change state at the counts of eight and ten. The change of state at the count of ten is used as the divider output. Frequency dividers A1A2 through A1A5 operate in this manner.

The output of each of the six frequency dividers on A1A2 through A1A4 is applied to a gating system. These gating systems are identical, and one is shown

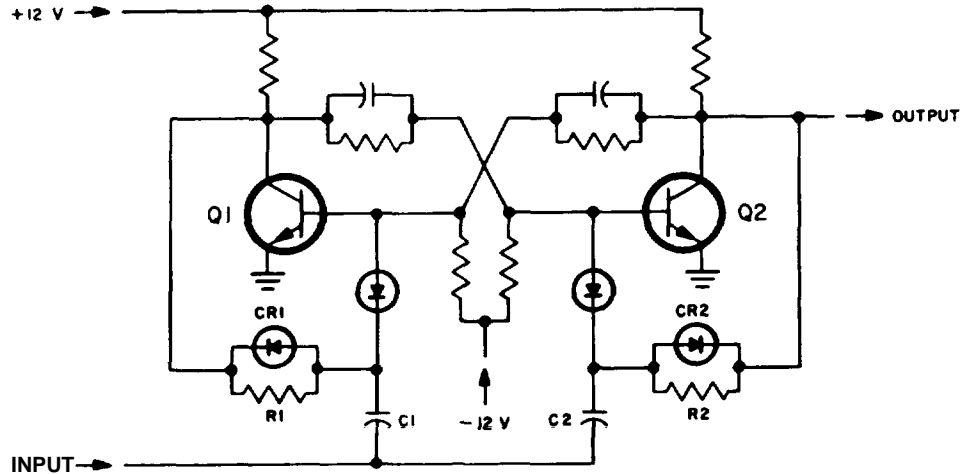


Figure 4-11. Typical Scaler Flip-Flop, Simplified Schematic Diagram

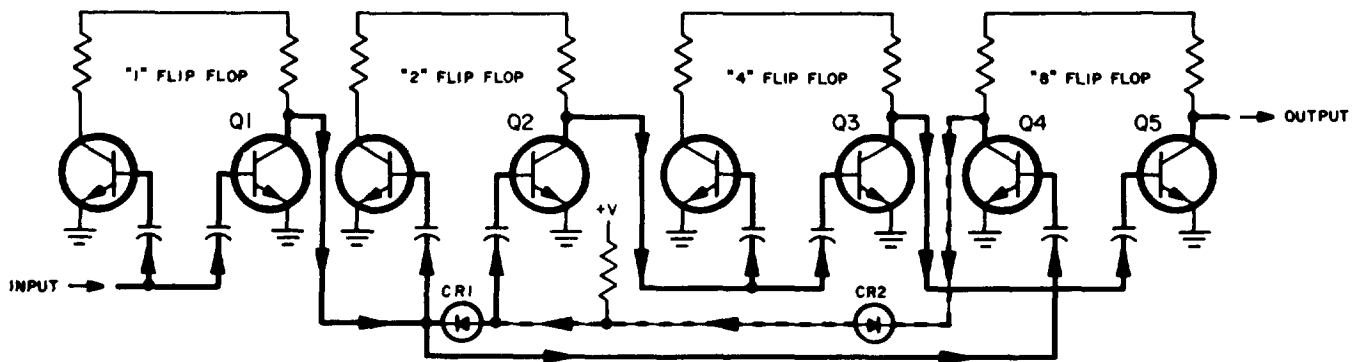


Figure 4-12. Coupled Scaler Flip-Flops, Simplified Schematic Diagram

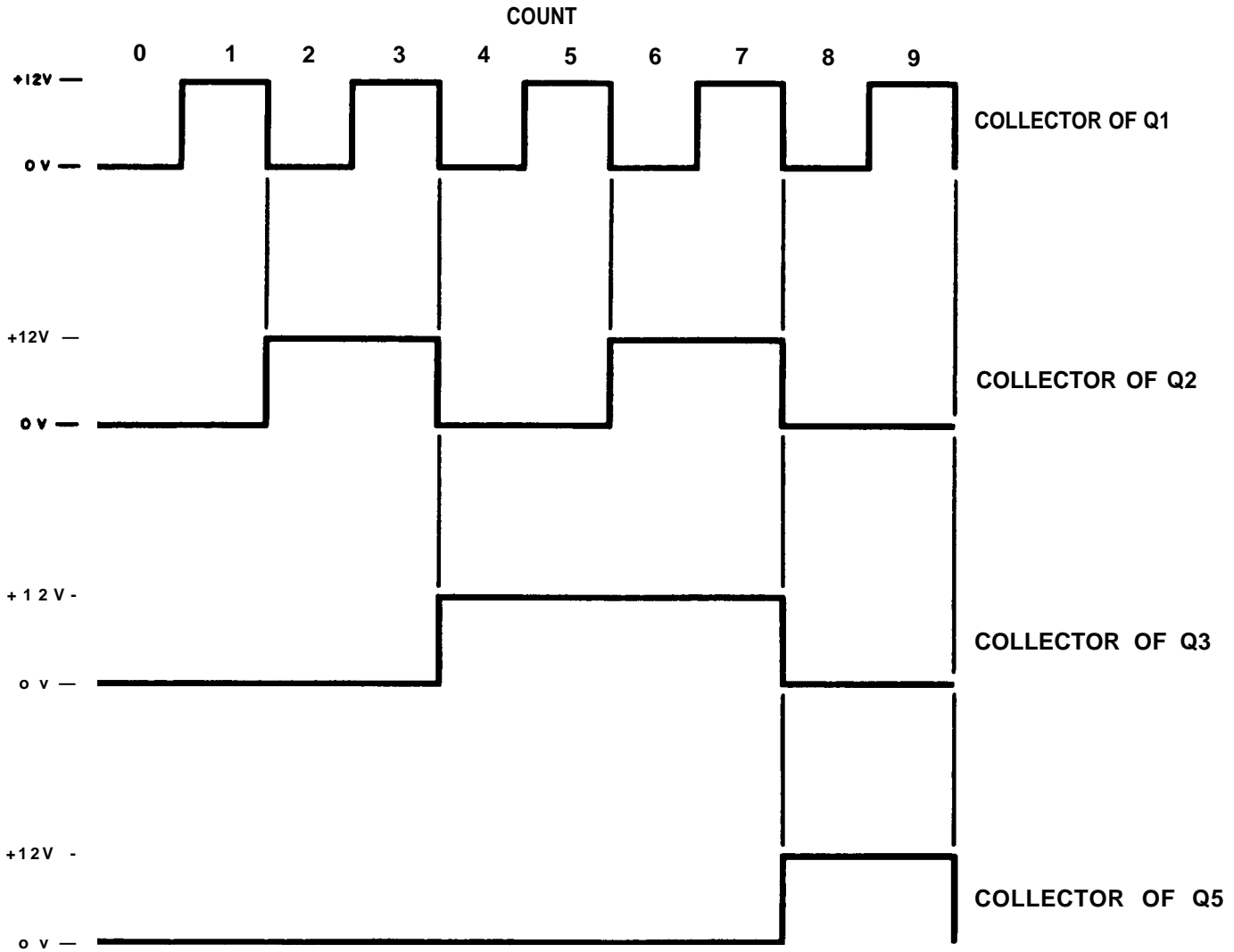


Figure 4-13. Coupled Scaler Flip-Flops, Collector Waveforms

in figure 4-14. The output of the B amplifier is also applied to each gating system. Operation of the gates is as follows: saturation of Q1 causes the output of frequency divider to be applied to the time-base clocking system on frequency divider A1A5; saturation of Q2 causes the divider output to be applied to the input of the following frequency divider; saturation of Q3 causes the output of the B amplifier to be applied to the input of the following frequency divider. These gates allow either the B signal or time-base signals to be routed in the scaler and permit the output of any frequency divider to be sampled for use throughout the counter.

Frequency divider A1A5 divides the 1-mc standard frequency. Its output is applied directly to the input of the following frequency divider A1A4. The time-base clocking system is constructed on a portion of printed circuit board A1A5. This system synchronizes the selected time-base output of A1A2, A1A3 or A1A4, with the 1-me time-base signal.

The selected time-base output sets the clock flip-flop (FF13), consisting of A1A5Q14 and A1A5Q15, and the output of the "4" flip-flop (FF3) resets it.

Since the clocked time-base output is taken from the reset-side of the clock flip-flop, this time-base pulse is always in synchronization with the change of state of the "4" flip-flop. The clock flip-flop is driven by AG6 when the 1-me time-base is selected, and by AG14 when the 100-kc time base is selected. The standard frequency and scale A frequency output circuits are also located on printed circuit board A1A5. The selected scaled A frequency from the count decades is applied to AG8 and the selected standard frequency from the frequency dividers is applied to AG9. Either of these AND gates can provide the appropriate scaled output to Schmitt trigger ST IO. The output of the Schmitt trigger is applied to inverter INV12. The output of this transistor is coupled to the STD FREQ OR SCALE OUT A1J7 on the rear panel of the counter.

b. SCALER TROUBLE SHOOTING. —

Problems in the scaler functional section may occur in any one of the following circuits:

- (1) The frequency dividers.
- (2) The gating circuits following frequency dividers A1A2, A1A3, and A1A4.

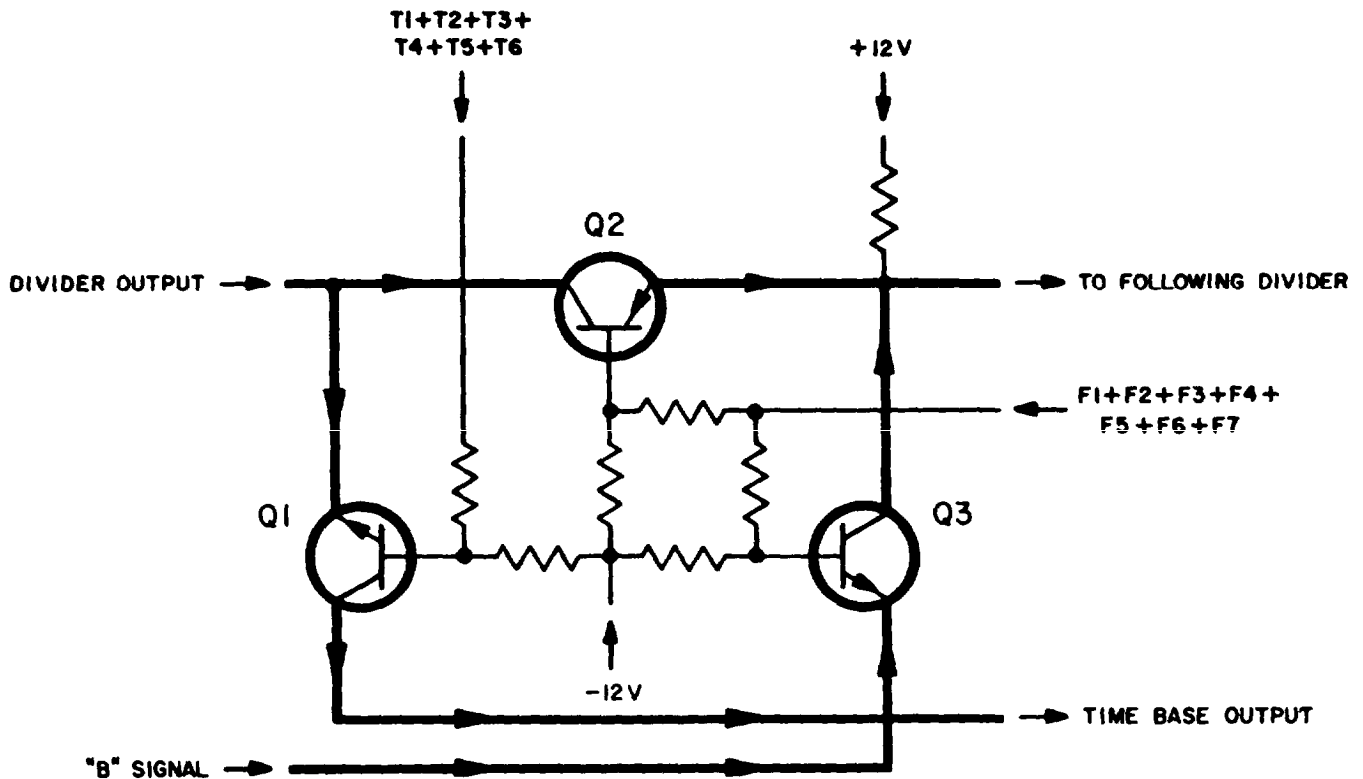


Figure 4-14. Output Gating System, Simplified Schematic Diagram

(3) The time-base clocking circuits.

(4) The scale output circuits.

The trouble-shooting procedures of all the frequency dividers are identical. The first step in trouble shooting these dividers is to check that each flip-flop can be made to change state by shorting the collector of the cutoff transistor to ground. If a flip-flop can be made to change state but does not operate when an input signal is applied, check its triggering circuits. If the divider divides the repetition rate of the input signal by a factor other than ten, check the diodes forming the AND gates at the input to the "2" flip-flop FF2, FF16 or FF24.

Problems in the time base clocking system may occur in the clock flip-flop FF13 or in either the 1-mc time-base gate AG6 or 100-kc time-base gate

AG14. The clock flip-flop FF13 may be checked by shorting the collector of the cutoff transistor to ground. This should cause the flip-flop to change state. If it does change state, check the trigger circuits. If the 1-mc and 100-kc time-base gates AG6 and AG14 do not produce a clock signal when they are selected, check transistors A1A5Q16 and A1A5Q17.

Trouble shooting the scale output circuits can be accomplished by following the signal through AG8, AG9, ST10, and INV12, until the faulty stage is located. Once the faulty stage is located, check it in detail. Table 4-10 is the scaler trouble-shooting chart.

c. USEFUL ILLUSTRATIONS. — Illustrations useful in maintaining this functional section are: figures 4-11, 4-12, 4-13, 4-14, 4-15, 5-40, and 5-67.

TABLE 4-10. SCALER TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
FREQUENCY DIVIDERS A1A2, A1A3, A1A4			
	Note Test point designations in this column refer to test points on the applicable frequency divider.	Note Prefix all reference designations in this column by the assembly number of the applicable frequency divider.	
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. FUNCTION switch to MAN START. Observe waveform at test point 1 on faulty frequency divider and compare with that shown in figure 4-15.	Waveform is correct.	2
		If waveform is absent, check previous divider.	
2	Observe waveform at test point A and compare with that shown in figure 4-15.	Waveform is correct.	4
		Waveform is absent.	3
3	Monitor voltage at test point A. Determine cutoff transistor in FF15 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR1, CR2, CR3, and CR4 .	
		If voltage does not change, check Q1 and Q2.	
		If voltage changes by more than 10 volts but returns to its original level, check Q1 and Q2.	
4	Observe waveform at test point B and compare with that shown in figure 4-15.	Waveform is correct.	6
		Waveform is absent.	5
5	Monitor voltage at test point B. Determine cutoff transistor in FF16 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR5, CR6, CR7, and CR10.	
		If voltage does not change, check Q3 and Q4.	
		If voltage changes by more than 10 volts but returns to its original level, check Q3 and Q4.	
6	Observe waveform at test point C and compare with that shown in figure 4-15.	Waveform is correct.	8
		Waveform is absent.	7
7	Monitor voltage at test point C. Determine cutoff transistor in FF17 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR8 and CR9.	
		If voltage does not change, check Q5 and Q6.	
		If voltage changes by more than 10 volts but returns to its original level, check Q5 and Q6.	

TABLE 4-10. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
FREQUENCY DIVIDERS A1A2, A1A3, A1A4 (cont)			
8	Observe waveform at test point D and compare with that shown in figure 4-15.	Waveform is correct.	10
		Waveform is absent.	9
9	Monitor voltage at test point D. Determine cutoff transistor in FF18 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR10, CR11, and CR12.	
		If voltage does not change, check Q7 and Q8.	
		If voltage changes by more than 10 volts but returns to its original value, check Q7 and Q8.	
10	Observe waveform at test point E and compare with that shown in figure 4-15.	Waveform is correct.	11
		If waveform is incorrect, check Q9.	
11	Observe waveform at test point F and compare with that shown in figure 4-15.	Waveform is correct.	13
		Waveform is absent.	12
12	Monitor voltage at test point F. Determine cutoff transistor in FF23 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR13, CR14, CR15, and CR16.	
		If voltage does not change, check Q13 and Q14.	
		If voltage changes by more than 10 volts but returns to its original level, check Q13 and Q14.	
13	Observe waveform at test point G and compare with that shown in figure 4-15.	Waveform is correct.	15
		Waveform is absent.	14
14	Monitor voltage at test point G. Determine cutoff transistor in FF24 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR17, CR18, CR19, and CR20.	
		If voltage does not change, check Q15 and Q16.	
		If voltage changes by more than 10 volts but returns to its original level, check Q15 and Q16.	
15	Observe waveform at test point H and compare with that shown in figure 4-15.	Waveform is correct.	17
		Waveform is absent.	16
16	Monitor voltage at test point H. Determine cutoff transistor in FF25 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR21 and CR22.	

TABLE 4-10. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
FREQUENCY DIVIDERS A1A2, A1A3, A1A4 (cont)			
16 (cont)		If voltage does not change, check Q17 and Q18.	
		If voltage changes by more than 10 volts but returns to its original level, check Q17 and Q18.	
17	Observe waveform at test point I and compare with that shown in figure 4-15.	Waveform is correct.	19
		Waveform is absent.	18
18	Monitor voltage at test point I. Determine cutoff transistor in FF26 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check CR20, CR23, and CR24.	
		If voltage does not change, check Q19 and Q2C	
		If voltage changes by more than 10 volts but returns to its original level, check Q15 and Q16.	
19	Observe waveform at test point 3 and compare with that shown in figure 4-15.	Waveform is correct.	20
		If waveform is incorrect, check Q21.	
20	Rotate time-base switch until voltage at test point 4 becomes more positive than +17 volts. Observe waveform at test point 2 and compare with that shown in figure 4-15.	Waveform is correct.	21
		If waveform is incorrect, check Q11.	
21	Rotate time-base switch until voltage at test point 7 becomes greater than +17 volts. Observe waveform at test point 2 and compare with that shown in figure 4-15.	Waveform is correct.	22
		If waveform is incorrect, check Q12.	
22	Set the controls on the front panel of the counter as follows: Mode selector switch to SEP. B MULTIPLIER switch to 1. B TRIGGER VOLTS control to 0. Apply a 1-volt rms 1000-cps, sine wave to the B AC connector. Rotate FUNCTION switch until voltage at test point 6 becomes more positive than +17 volts. Observe waveform at test point 3 and compare with that shown in figure 4-15.	Waveform is correct.	23
		If waveform is incorrect, check Q22.	
23	Rotate FUNCTION switch until voltage at test point 5 becomes more positive than +17 volts. Observe waveform at test point E and compare with that shown in figure 4-15.	If waveform is correct, check loading of time-base output.	
		If waveform is incorrect, check Q10.	

TABLE 4-10. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
FREQUENCY DIVIDER A1A5			
24	Set FUNCTION switch to MAN START. Observe waveform at test point J and compare with that shown in figure 4-15.	Waveform is correct.	26
		Waveform is absent.	25
25	Monitor voltage at test point J. Determine cutoff transistor in FF1 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check A1A5CR1, A1A5CR2, A1A5CR3, and A1A5CR4.	
		If voltage does not change, check A1A5Q1 and A1A5Q2.	
		If voltage changes by more than 10 volts but returns to its original level, check A1A5Q1 and A1A5Q2.	
26	Observe waveform at test point K and compare with that shown in figure 4-15.	Waveform is correct.	28
		Voltage does not change.	27
27	Monitor voltage at test point K. Determine cutoff transistor in FF2 and short its collector to ground.	If voltage changes by more than 10 volts remains at that level, check A1A5CR5, A1A5CR6, A1A5CR7, A1A5CR8, A1A5CR9, and A1A5CR10.	
		If voltage does not change, check A1A5Q3 and A1A5Q4.	
		If voltage changes by more than 10 volts but returns to its original level, check A1A5Q3 and A1A5Q4.	
28	Observe waveform at test point L and compare with that shown in figure 4-15.	Waveform is correct.	30
		Voltage does not change.	29
29	Monitor voltage at test point L. Determine cutoff transistor in FF3 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check A1A5CR11, A1A5CR12, A1A5CR13, and A1A5CR14.	
		If voltage does not change, check A1A5Q5 and A1A5Q6.	
		If voltage changes by more than 10 volts but returns to its original level, check A1A5Q5 and A1A5Q6.	
30	Observe waveform at test point 8 and compare with that shown in figure 4-15.	Waveform is correct.	32
		Waveform is absent.	31

TABLE 4-10. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
FREQUENCY DIVIDER A1A5 (cont)			
31	Monitor voltage at test point 8. Determine cutoff transistor in FF4 and short its collector to ground.	If voltage changes by more than 10 volts and remains at that level, check A1A5CR9, A1A5CR15, A1A5CR16, A1A5CR17, and A1A5CR18.	
		If voltage does not change, check A1A5Q7 and A1A5Q8.	
		If voltage changes by more than 10 volts but returns to its original level, check A1A5Q7 and A1A5Q8.	
32	Set time-base switch to 10^6 . Observe waveform at test point 9 and compare with that shown in figure 4-15.	Waveform is correct.	33
		If voltage does not change, check A1A5Q15, A1A5Q16, A1A5CR22, and A1A5CR23.	
33	Set time-base switch to 10^5 . Observe waveform at test point 9 and compare with that shown in figure 4-15.	Waveform is correct.	34
		If waveform is absent, check A1A5Q15, A1A5Q17, and A1A5CR22.	
34	Set time-base switch to 10^6 . Observe waveform at test point 9 and compare with that shown in figure 4-15.	Waveform is correct.	35
		If waveform is absent, check A1A5Q14, A1A5Q15, A1A5CR20, A1A5CR21, A1A5CR22, and A1A5CR24.	
35	Set time-base switch to 10^5 . Observe waveform at test point M and compare with that shown in figure 4-15.	Waveform is correct.	36
		If waveform is incorrect, check A1A5Q9, A1A5Q10, and A1A5CR19.	
36	Observe waveform at test point 11 and compare with that shown in figure 4-15.	Waveform is correct.	37
		If waveform is incorrect, check A1A5Q11, A1A5Q12, and A1A5Q13.	
37	Set FUNCTION switch to SCALE A, time-base switch to 10^2 , and SENSITIVITY switch to TEST. Observe waveform at test point M and compare with that shown in figure 4-15.	If waveform is correct, check loading on STD FREQ OR SCALE OUT receptacle.	
		If waveform is incorrect, check A1A5Q9.	

NOTES

1. Primary signal paths weighted. Feedback paths weighted and dashed.
2. ———— indicates assembly boundaries.
3. Names of panel controls and connectors are enclosed in boxes.
4. Dc voltages are preceded by "V" or "—".
5. Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm.
Sweep time: See Note 11.
6. Explanation of symbols placed at waveforms.
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
7. Dc voltages are measured with a CCUG-601 Dc Differential Voltmeter.
8. Abbreviations within logic or circuit blocks are as follows:
AC AND Gate
FF Flip-Flop
INV Inverter
OR OR Gate
ST Schmitt Trigger
Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
9. Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
10. Assemblies A1A2, A1A3, and A1A4 are identical. Only A1A4 is shown in detail.
11. Time duration of waveforms is variable.
12. Assembly numbers are as given at bottom of assembly boundaries.
13. Operating control settings:
POWER switch to TRACE.
FUNCTION switch to MAN START.
14. P and T select terms are defined in table 4-1.

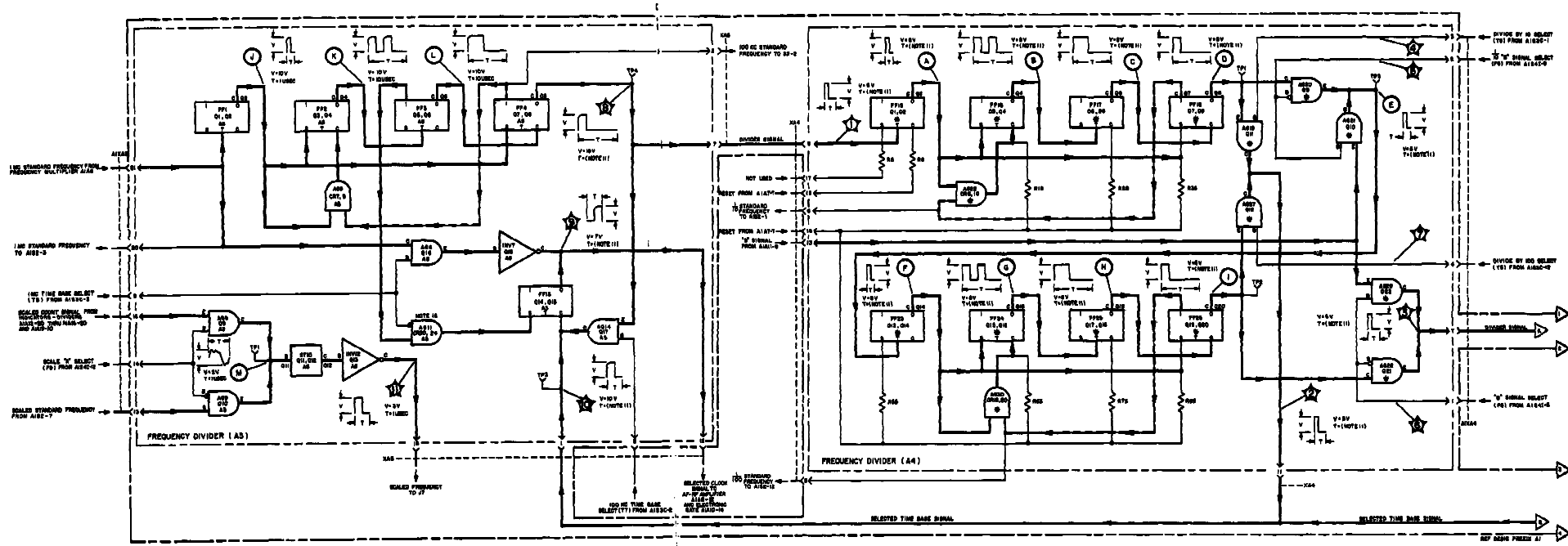


Figure 4-15. Scaler, Functional and Servicing Block Diagram (Sheet 1 of 2)

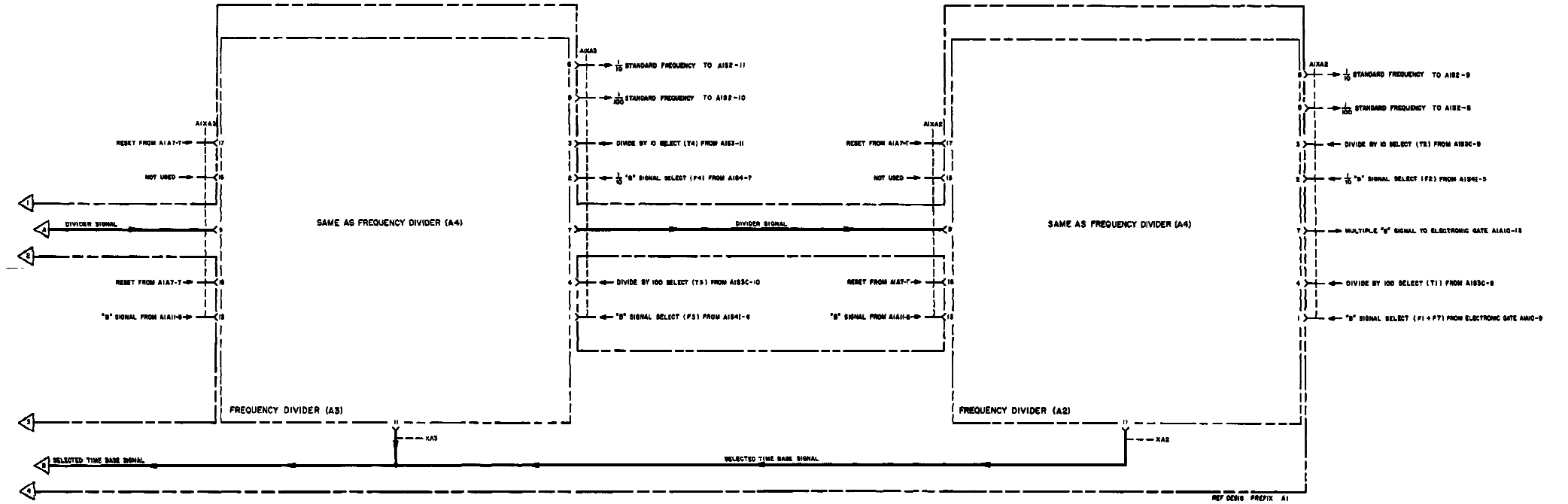


Figure 4-15. Scaler, Functional and Servicing Block Diagram (Sheet 2 of 2)

4-11. GATE CONTROL

GATE CONTROL FUNCTIONAL DESCRIPTION.- The gate control functional section provides the gate control signal to the count decades functional section. This signal determines the length of time count decades count the signal applied to their input. The gate control functional section is constructed on printed circuit board A1A10. Figure 4-16 is the functional and servicing block diagram for the section.

The gate-control signal is produced by the gate flip-flop FF9, consisting of A1A10Q12 and A1A10Q14, and emitter follower EF12, consisting of A1A10Q19. Setting of FF9 causes the gate control signal to become zero volts and the count decades to count. The gate flip-flop can be set by the following signals: the selected clock signal corresponding to the gate time selected by the time-base switch, or the multiple B signal corresponding to the appropriate PERIOD B measurement selected by the FUNCTION switch.

The MANUAL START and SCALE A functions require the gate control signal to be zero volts. When either of these functions is selected, AG2 is saturated to produce zero volts at the gate control signal output. Resetting the gate flip-flop causes the gate control signal to become +6 volts and the count decades to stop counting. The gate flip-flop may be reset by any of the signals that set it, or by the C signal. When the counter is operating in any function except TIME B → C, the set and reset inputs to the gate flip-flop are connected together by AND gate AG16.

The multiple B signal and selected clock signal are coupled to AND gates AG14 and AG13, respectively. The output of both of these AND gates is coupled to Schmitt trigger ST15. The output of the Schmitt trigger is applied through AG16 to the set and reset inputs of the gate flip-flop FF9. The C signal is coupled through AND gate AG17 to the reset side of the gate flip-flop when the counter is operated in the TIME B → C function.

The output of the FF9 is coupled to emitter follower EF12; the output of this stage becomes the

gate control signal. The output of the gate flip-flop is also coupled to inverters INV3 and INV18 consisting of A1A10Q11 and A1A10Q18; the output of INV18 becomes the gate signal used by the cycle control functional section.

Once the gate flip-flop has produced the gate signal, it must be prevented from producing another one until the cycle control has completed its control of the display and produced a reset pulse. This is the function of the latch flip-flop FF6 consisting of A1A10Q13 and A1A10Q15. This flip-flop is set by the gate flip-flop at the time corresponding to the start of the gate time. Once the latch flip-flop is set it prevents the gate flip-flop from producing another gate control signal. The latch flip-flop remains set until the cycle control produces a reset pulse at the end of the display time. The reset pulse from the cycle control is delayed by the reset delay generator DG4, consisting of A1A10Q7 and A1A10Q10, and resets the latch flip-flop. Once the latch flip-flop is reset, the gate flip-flop produces another gate control signal and the cycle is repeated.

b. GATE CONTROL TROUBLE SHOOTING. - Problems in the gate control functional section are usually caused by improper or no operation of gate flip-flop FF9 and latch flip-flop FF6. The first step in trouble shooting the gate control is to check that both flip-flops can be made to change state, by shorting the collector of the cutoff transistor to ground. If both flip-flops are operating properly, trace the signals that set and reset the gate flip-flop through the gating circuits AG14, AG17, AG13, and AG19, the Schmitt trigger ST15, and trace the outputs of the gate flip-flop through the inverter and emitter follower stages INV3, INV18 and EF12. The latch circuits can be checked by tracing the reset pulse through the reset delay generator DG4, to the latch flip-flop FF6 and to the reset input of the gate flip flop FF9. The gate control trouble-shooting chart, table 4-11, is based on the above procedure.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-16, 5-46, and 5-69.

TABLE 4-11. GATE CONTROL TROUBLE SHOOTING

STEP	ACTION	RESULTS	
1	Set the controls on the front panel on the POWER switch to TRACK. FUNCTION switch to MAN START. Monitor voltage at test point 1. Determine cutoff transistor in FF9 and short its collector to ground.	Voltage changes by more than 5 volts	
		If voltage does not change, check A1A10Q12, A1A10Q14, A1A10Q16, A1A10Q19, A1A10CR10, A1A10CR11, A1A10CR19, and A1A10CR21.	
		If voltage changes by more than 5 volts but returns to its original level, check A1A10Q12, A1A10Q14, A1A10CR10, A1A10CR11, A1A10CR19, and A1A10CR21.	
2	Monitor voltage at test point 2. Determine cutoff transistor in FF9 and short its collector to ground.	Voltage changes by more than 10 volts and remains at that level.	3
		If voltage does not change, check A1A10Q11 and A1A10Q18,	
3	Monitor voltage at test point B. Determine cutoff transistor in FF6 and short its collector to ground,	Voltage changes by more than 10 volts and remains at that level.	4
		If voltage does not change, check A1A10Q13, A1A10Q15, A1A10Q17, A1A10CR13, A1A10CR17, A1A10CR22, and A1A10CR23.	
		If voltage changes by more than 10 volts but returns to its original level, check A1A10Q13, A1A10Q15, A1A10CR13, and A1A10CR17.	
4	Monitor voltage at test point 1.	Voltage is more negative than + 1 volt.	5
		If voltage is more positive than + 1 volt, check A1A10Q16 and A1A10CR3.	
5	Set the FUNCTION switch to SCALE A. Monitor voltage at test point 1.	Voltage is more negative than + 1 volt.	6
		If voltage is more positive than + 1 volt, check A1A10CR4.	
6	Set the FUNCTION switch to FREQ and set time-base switch to 103. Observe waveform at test point A and compare with that shown in figure 4-16.	Waveform is correct.	7
		If waveform is incorrect, check A1A10Q7, A1A10Q10, A1A10CR8, and A1A10CR9.	
7	Observe waveform at C and compare with that shown in figure 4-16.	Waveform is correct.	8
		If waveform is incorrect, check A1A10Q4, A1A10Q5, A1A10Q6, A1A10Q7, and A1A10CR6.	
8	Observe waveform at test point D and compare with that shown in figure 4-16.	Waveform is correct.	9
		If waveform is incorrect, check A1A10Q8.	

TABLE 4-11. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
9	Set controls on the front panel of the counter as follows: FUNCTION switch to PERIOD B x 1. Mode selector switch to COM. B MULTIPLIER switch to 1. B TRIGGER VOLTS control to O. Apply a 1-volt rms, 1000-CPS sine wave to the B AC connector. Observe the waveform at test point C and compare with that shown in figure 4-16.		10
10	Set the FUNCTION switch to TIME B → C. Observe the waveform at test point D and compare with that shown in figure 4-16.	Waveform is correct. If waveform is incorrect, check A1A10Q2.	11
11	Monitor voltage at test point 3.	Voltage more positive than +17 volts. If voltage is more positive than +17 volts, check A1A10CR1.	12
12	Set FUNCTION switch to PERIOD B X 1. Monitor voltage at test point 3.	If voltage is more positive than +17 volts, check loading of gate control and gate signals. If voltage is more negative than +17 volts, check A1A10CR2.	

NOTES

- Primary signal paths weighted. Feedback paths weighted and dashed.
- indicates assembly boundaries.
- Dc voltages are preceded by "s" or "l".
- Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm.
Sweep time: 20 μs/cm, 1 ms/cm.
- Explanation of symbols placed at waveforms.
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
- Dc voltages are measured with a CCUR-801 Dc Differential Voltmeter.
- Abbreviations within logic or circuit blocks are as follows:
AG AND Gate
DG Delay Generator
EF Buffer Follower
FP Flip-Flop
INV Inverter
OR OR Gate
ST Schmitt Trigger
Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
- Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
- Time duration of this waveform is dependent upon setting of DISPLAY control.
- Operating control settings:
POWER switch to TRACK.
FUNCTION switch to MAN START.
- F and T select terms are defined in table 4-1.

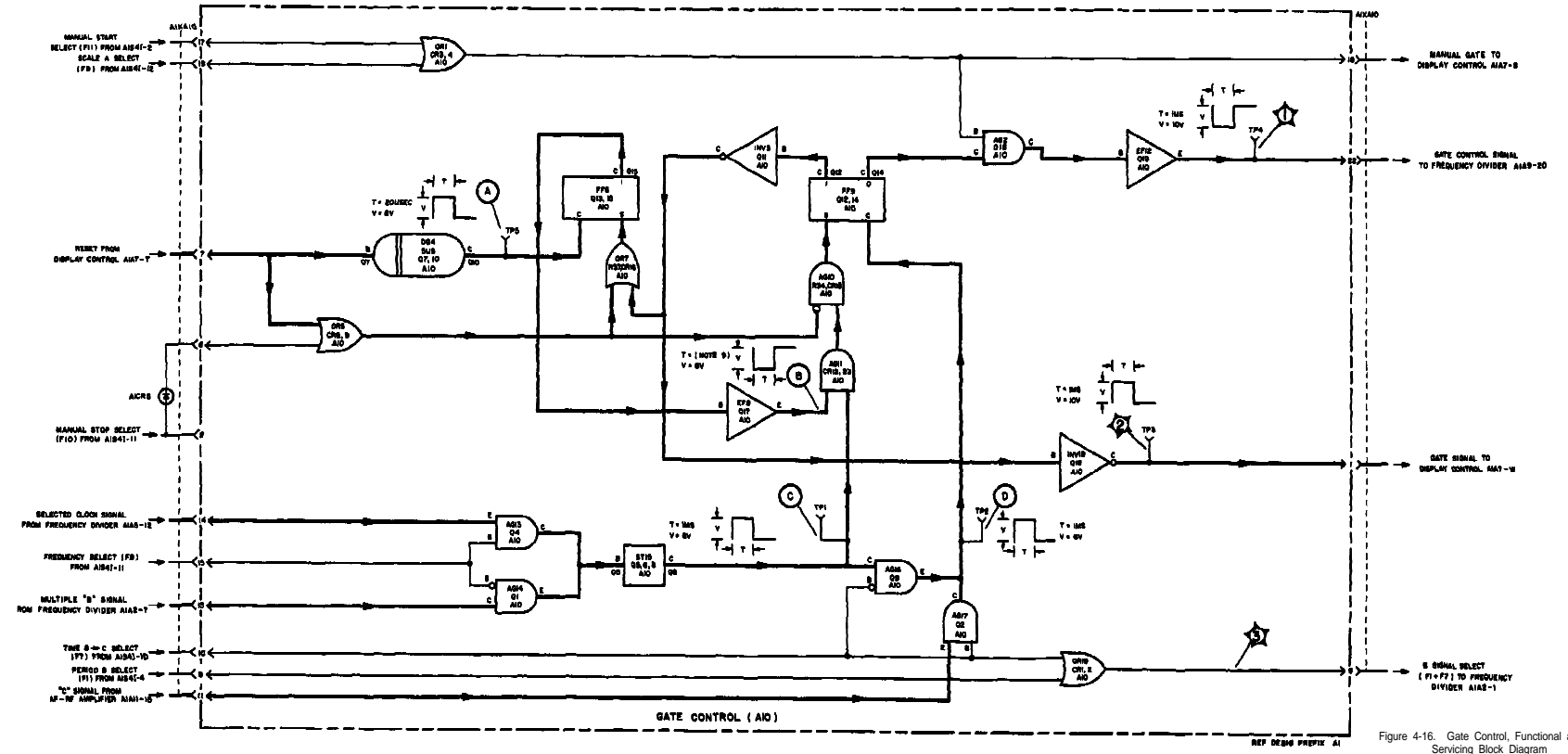


Figure 4-16. Gate Control, Functional and Servicing Block Diagram

4-12. COUNT CONTROL.

a. COUNT CONTROL FUNCTIONAL DESCRIPTION. - The count control consists of circuits which select the proper count signal to be supplied to the count decades. This functional section is constructed on one printed circuit board (A1A8). Figure 4-17 is the functional and servicing block diagram of the count control.

The A signal, selected clock signal, C signal and 10-mc test signal can be counted by the count decades. These four signals are supplied to the count control where one is selected and appears at the count signal output.

The A signal appears at the coaxial connector mounted directly on the printed circuit board A1A8. This signal is passed through a three-stage amplifier AMPL10, AMPL11, and EF12 (A1A8Q8, A1A8Q9, and A1A8Q10), and applied to Schmitt trigger ST13 consisting of A1A8Q11 and A1A8Q12. The output of the Schmitt trigger is applied to discriminator DISCR14 (A1A8Q13). This transistor is biased so that it does not amplify any noise present at the output of the Schmitt trigger. The output of the discriminator is applied to AND gate AG7.

The selected clock signal, C signal and 10-mc test signal are applied to AND gates AG3, AG6, and AG5, respectively. AND gate AG3 is selected when the counter is operated in any PERIOD mode (except when 10-mc is selected as the clock signal) or in the TIME B → C mode. AND gate AG5 is selected when the counter is operated in the TEST mode, or when

10-mc is selected as the clock signal in PERIOD mode. The outputs of these three AND gates are connected together and applied to inverters INV7 and INV7A consisting of A1A8Q5 and A1A8Q14. The output of the inverter is applied to another AND gate, AG8.

AND gate AG8 and AND gate AG15 are controlled by the front panel SENSITIVITY switch. When this switch is in either the 1V, 10V, 100V, or PLUG IN position AG15 is selected, and the A signal is applied to the count decades. When the switch is in either the TEST or FREQ C position AG8 is selected, and the signal from INV7A is applied to the count decades.

b. COUNT CONTROL TROUBLE SHOOTING. - Problems in the count control functional section usually result in the absence of one or more of the four possible signals at the count signal output. If the A signal does not appear at the output of the amplifier stages when it normally should, check the Schmitt trigger, discriminator, and AG15. If any of the other signals do not appear at the count signal output check the appropriate AND gate AG3, AG5, or INV7, INV7A, and AG8. The trouble-shooting table, table 4-12, is organized in this manner. Before starting the trouble-shooting procedure, be sure the problem is not due to improper adjustment of the amplifier stages. The adjustment procedure is given in paragraph 5-4f.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-17, 5-44, and 5-70.

TABLE 4-12. COUNT CONTROL TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. FUNCTION switch to FREQ, SENSITIVITY switch to 1 V. Time-base switch to 1. Apply a 1-volt rms, 1000-cps sine-wave to the FREQ. A connector. Observe the waveform at test point 1 and compare with that shown in figure 4-17.	Waveform is correct.	2
		If waveform is incorrect, check A amplifier, A1A8C9, A1A8C10, and A1A8Q8.	
2	Observe the waveform at test point A and compare with that shown in figure 4-17.	Waveform is correct.	3
		If waveform is incorrect, check A1A8Q8, A1A8Q9, A1A8Q10, A1A8C14, A1A8C15, and adjustment of A1A8R30.	
3	Observe the waveform at test point B and compare with that shown in figure 4-17.	Waveform is correct.	4
		If waveform is incorrect, check A1A8Q10, A1A8Q11, A1A8Q12, and A1A8CR10.	

TABLE 4-12. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
4	Observe the waveform at test point 2 and compare with that shown in figure 4-17.	Waveform is correct.	5
		If waveform is incorrect, check A1A6Q13, A1A8Q7, A1A8CR11, A1A8CR12, and A1A8CR13.	
5	Set FUNCTION switch to SCALE A. Monitor voltage at test point C.	Voltage is more positive than +17 volts.	6
		If voltage is more negative than +17 volts, check A1A8CR5.	
6	Set FUNCTION switch to MANUAL START. Monitor voltage at test point C.	Voltage is more positive than +17 volts.	7
		If voltage is more negative than +17 volts, check A1A8CR6.	
7	Set time-base switch to 10 ⁸ . Monitor voltage at test point C.	Voltage is more positive than +17 volts.	8
		If voltage is more negative than +17 volts, check A1A8CR7.	
8	Set time-base switch to 10 ⁷ . Observe waveform at test point D and compare with that shown in figure 4-17.	Waveform is correct.	9
		If waveform is incorrect, check A1A8Q2 and A1A8CR3.	
9	Set FUNCTION switch to FREQ. Observe voltage at test point D.	Voltage is a constant level.	10
		If voltage is not a constant level, check A1A8Q4.	
10	Set SENSITIVITY switch to FREQ. C, mode selector switch to SEP, C MULTIPLIER switch to 1, and C TRIGGER VOLTS control to O. Apply a 1-volt rms, 1000-CPS sine wave to the C AC connector. Observe waveform at test point D, and compare with that shown in figure 4-17.	Waveform is correct.	11
		If waveform is incorrect, check A1A8Q1.	
11	Observe waveform at test point 2 and compare with that shown in figure 4-17.	If waveform is correct, check count decades and gate control.	
		If waveform is incorrect, check A1A6Q5, A1A8Q14, A1A8Q6, and A1A8CR8.	

NOTES

- Primary signal paths weighted.
- indicates assembly boundaries.
- Dc voltages are preceded by "d" or "D".
- Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm, 10 v/cm.
Dweep time: 1 ms/cm, 0.1 μs/cm.
- Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
- Dc voltages are measured with a CCUH-801 Dc Differential Voltmeter.
- Abbreviations within logic or circuit blocks are as follows:
AG AND Gate
AMPL Amplifier
DISCR Discriminator
EP Emitter Follower
INV Inverter
OR OR Gate
ST Schmitt Trigger
Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
- Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
- Operating control settings.
POWER switch to TRACK.
FUNCTION switch to FREQ to produce waveform at A, B, and 2.
FUNCTION switch to SCALE A or MANUAL START to produce voltage level at C.
Time-base switch to 1 to produce waveform at A, B, and 2.
Time-base switch to 10⁷ to produce 10-mc waveform at D.
Sensitivity switch to 1V or FREQ, C to produce waveform at A, B, and 2.
Mode selector switch to SEP.
C MULTIPLIER switch to 1.
C TRIGGER VOLTS control to G.
- F, T, and S select terms are defined in table 4-1.

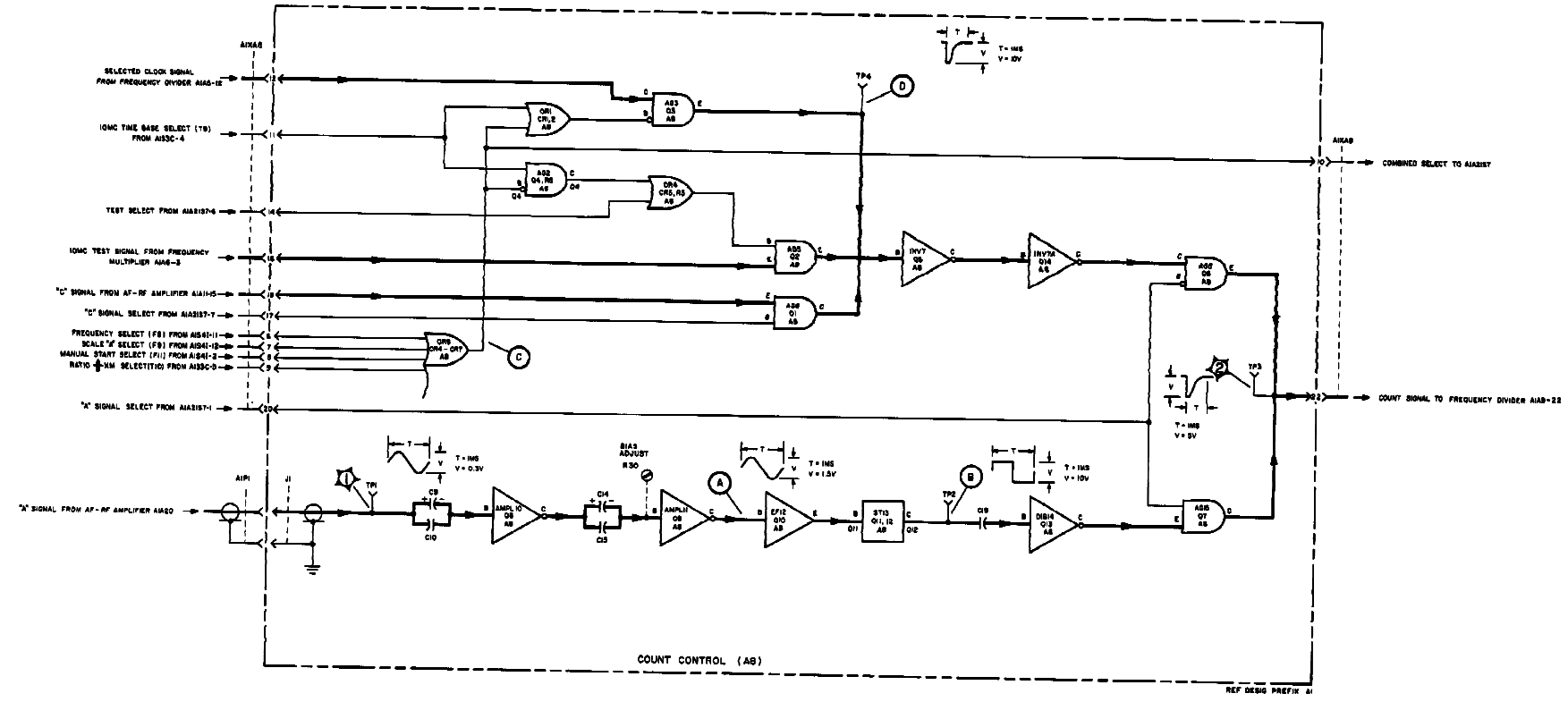


Figure 4-17. Count Control, Functional and Servicing Block Diagram

4-13. CYCLE CONTROL.

a. CYCLE CONTROL FUNCTIONAL DESCRIPTION. - The cycle control functional section produces all signals necessary for controlling the display and memory and for recycling the counter. It is constructed on printed circuit board A1A7. Figure 4-19 shows the functional relationship of all circuits in the cycle control, and gives test points and performs as an aid in trouble shooting.

Input to the cycle control is the count signal obtained from the gate control functional section. When the gate opens the gate signal causes SW7 to conduct and the GATE lamp to light. At the same time the 150-millisecond single-shot SS8, consisting of A1A7Q7 and A1A7Q8, is triggered. Its output is coupled through OR6 to SW7 to insure that the GATE lamp remains lighted for at least that duration. This permits the operator to observe the operation of the GATE lamp when short gate times are chosen. When gate times longer than 150 milliseconds are chosen the GATE lamp is controlled by the gate signal.

When the gate closes, the gate signal (or output of SS8) triggers the display time generator DG11

consisting of A1A7Q10 and A1A7Q11. This generator produces an output after a time delay determined by the setting of the DISPLAY control A1R1. The output of the display time generator triggers INV12 and EF13. These transistors (A1A7Q12 and A1A7Q13) produce the reset output. In manual reset the +12-volt output of the RESET switch A1S6 is fed through A1A7CR10 to the output of EF13.

As the GATE lamp goes off the 10-millisecond single-shot SS5, consisting of A1A7Q4 and A1A7Q5, is triggered. Its output is de-coupled to INV4 and at-coupled by A1A7C1 to EF2. These two transistors (A1A7Q1 and A1A7Q2) produce the memory transfer pulse and memory clear set pulse, respectively. If memory operation is not required, INV1 conducts, causing INV4 and EF2 to produce proper outputs for track operation. Figure 4-18 is a timing diagram for the cycle control functional section.

b. CYCLE CONTROL TROUBLE SHOOTING. - To trouble shoot the cycle control, follow the procedure given in table 4-13.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-18, 4-19, 5-43, and 5-71.

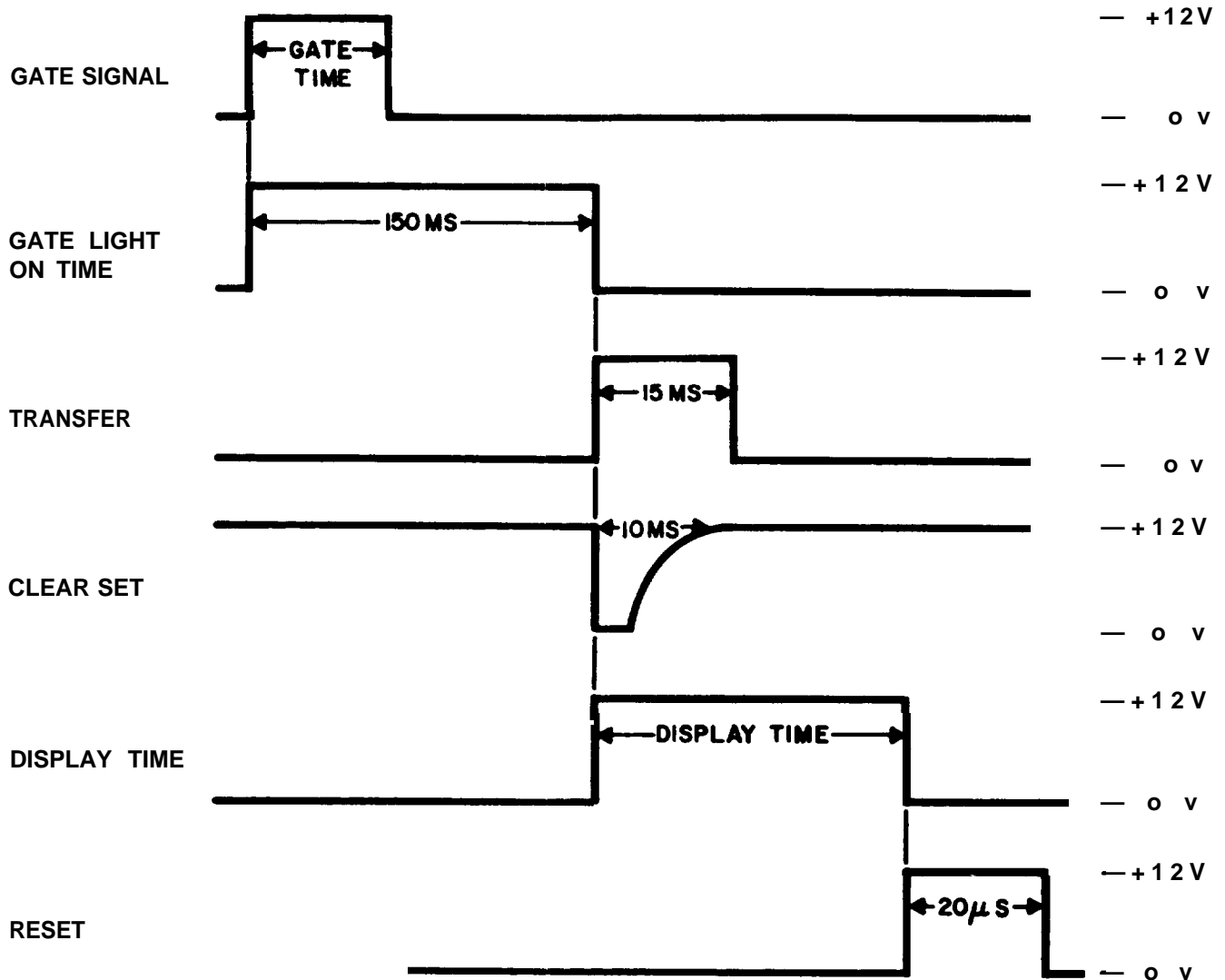


Figure 4-18. Cycle Control, Timing Diagram

TABLE 4-13. CYCLE CONTROL TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
1	Set the controls on the front panel of the counter as follows: POWER switch to STORE. FUNCTION switch to FREQ. Time-base switch to 10 ⁶ . DISPLAY control to MIN. Observe waveform at test point B and compare with that shown in figure 4-19.	Waveform is correct.	2
		If waveform is incorrect, check A1A7Q7, A1A7Q8, and A1A7CR5.	
2	Observe waveform at test point C and compare with that shown in figure 4-19.	Waveform is correct.	3
		If waveform is incorrect, check, A1A7Q9, A1A7Q10, A1A7Q11, A1A7C6, A1A7CR7, and A1A7CR22.	
3	Observe waveform at test point D and compare with that shown in figure 4-19.	Waveform is correct.	4
		If waveform is incorrect, check, A1A7C4 and A1R1.	
4	Observe waveform at test point 3 and compare with that shown in figure 4-19.	Waveform is correct.	5
		If waveform is incorrect, check A1A7Q12, A1A7Q13, and A1A7CR11.	
5	Observe lighting of GATE lamp,	GATE lamp cycles off and on.	6
		If GATE lamp does not light, or remains lighted all the time, check A1A7Q6.	
6	Observe waveform at test point A and compare with that shown in figure 4-19.	Waveform is correct.	7
		If waveform is incorrect, check A1A7Q4, A1A7Q5, and A1A7CR3.	
7	Observe waveform at test point 2 and compare with that shown in figure 4-19.	Waveform is correct.	8
		If waveform is incorrect, check A1A7Q1.	
8	Observe waveform at test point 1 and compare with that shown in figure 4-19.	Waveform is correct.	9
		If waveform is incorrect, check A1A7Q2 and A1A7CR21.	
9	Change POWER switch to TRACK and monitor voltage at test point 1.	Voltage is more negative than + 2 volts.	10
		If voltage is more positive than + 2 volts, check A1A7Q3, A1A7CR1, and A1A7CR2.	
10	Press RESET switch and monitor voltage at test point A.	Voltage is more negative than + 2 volts.	11
		If voltage is more positive than + 2 volts, check A1A7CR9.	
11	Press RESET switch and monitor voltage at test point 3.	If voltage is more positive than +10 volts, check loading on all outputs of A1A7.	
		If voltage is more negative than +10 volts, check A1A7CR10.	

NOTES

1. Primary signal paths weighted. Feedback paths weighted and dashed.
2. ———— indicates assembly boundaries.
3. Names of panel controls and connectors are enclosed in boxes.
4. Dc voltages are preceded by "+" or "-".
5. Waveforms recorded with an AN/USM-140B Oscilloscope.

Control settings:
Sensitivity: 5 v/cm.
Sweep time: 2 ns/cm, 1 sec/cm.

6. Explanation of symbols placed at waveforms.
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
7. Dc voltages are measured with a CCUH-801 Dc Differential Voltmeter.
8. The letters CCW, placed adjacent to the appropriate terminals of AIR1, indicate the direction of rotation viewed from the shaft end.
9. Abbreviations within logic or circuit blocks are as follows:
AG AND Gate
DG Delay Generator
EF Emitter Follower
INV Inverter
OR OR Gate
SS Single Shot
SW Switch

Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.

10. Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
11. Operating control settings:
POWER switch to STORE.
FUNCTION switch to PRG.
Time-base switch to 10².
DISPLAY control maximum counterclockwise.

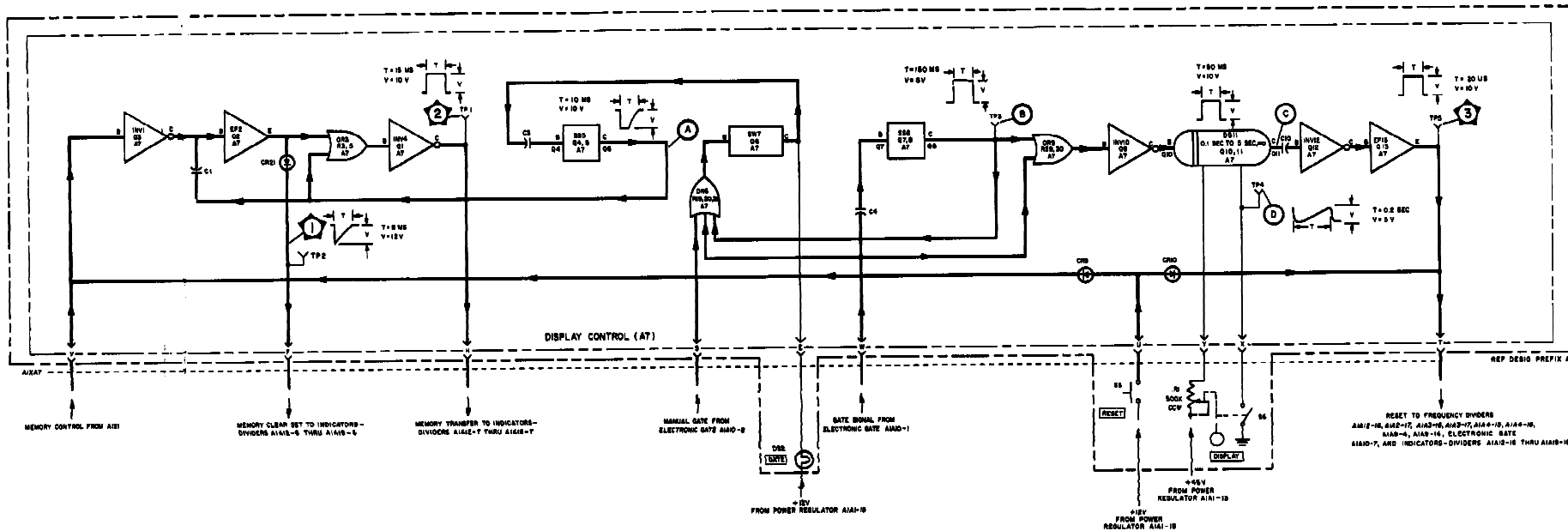


Figure 4-19. Cycle Control, Functional and Servicing Block Diagram

4-14. COUNT DECADES.

a. COUNT DECADE FUNCTION DESCRIPTION.
 — The count decade functional section consists of three types of counting decades. The first type is capable of counting at a 100-mc rate; one of this type is included in the counter. It is constructed on printed circuit board A1A9. The second type is capable of counting at a 10-mc rate; two of this type are included in the counter. These two decades are constructed on the same printed circuit boards as their associated readout circuits, A1A17 and A1A18. The third type is capable of counting at a 300-kc rate; five of this type are included in the counter. These five decades are constructed on the same printed circuit boards as their associated readout circuits, A1A12 through A1A16. Figure 4-24 shows the functional relationship of all circuits in the count decades, and gives test points and waveforms as an aid in trouble shooting.

Each count decade consists of four bi-stable multivibrators (flip-flops) coupled together in such a way so as to produce one output pulse for each ten input pulses. Figure 4-20 shows a typical flip-flop used in the 10-mc and 300-kc counting rate decades. Reference designators assigned in figure 4-20 apply to figure 4-20 only.

The input to the flip-flop is applied at the junction of capacitors C1 and C2, the output is taken at the collector of Q2. Resistors R1 and R2 and diodes CR3 and CR4 form steering networks which steer input pulses to the base of the saturated transistor. These pulses cut off this transistor and cause the flip-flop to change state. The resulting output is a train of pulses with half the repetition rate of the input pulses. Diodes CR1, CR2, CR5, and CR6 are used in the 10-mc counting rate decades to permit this increased speed.

Figure 4-21 is a simplified schematic diagram showing the method of coupling the four flip-flops

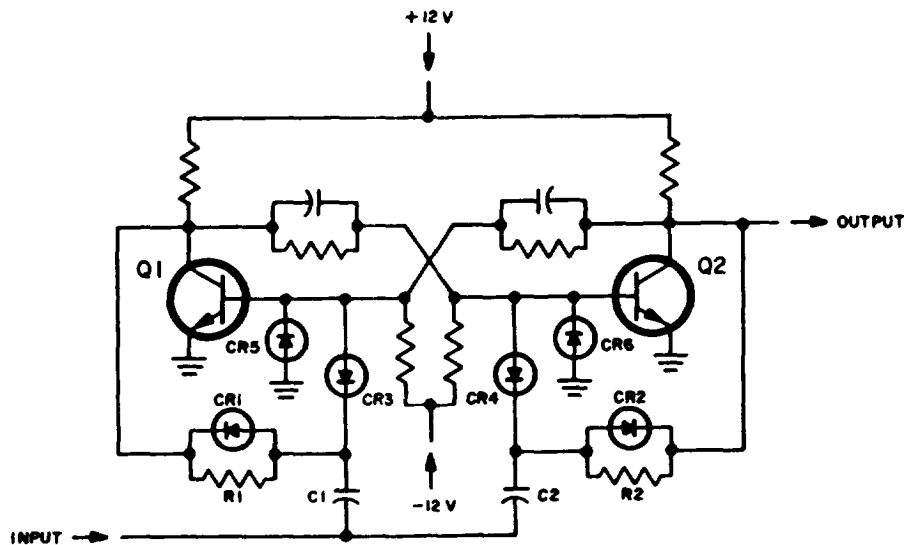


Figure 4-20 Typical Low-Speed Count Decade Flip-Flop, Simplified Schematic Diagram

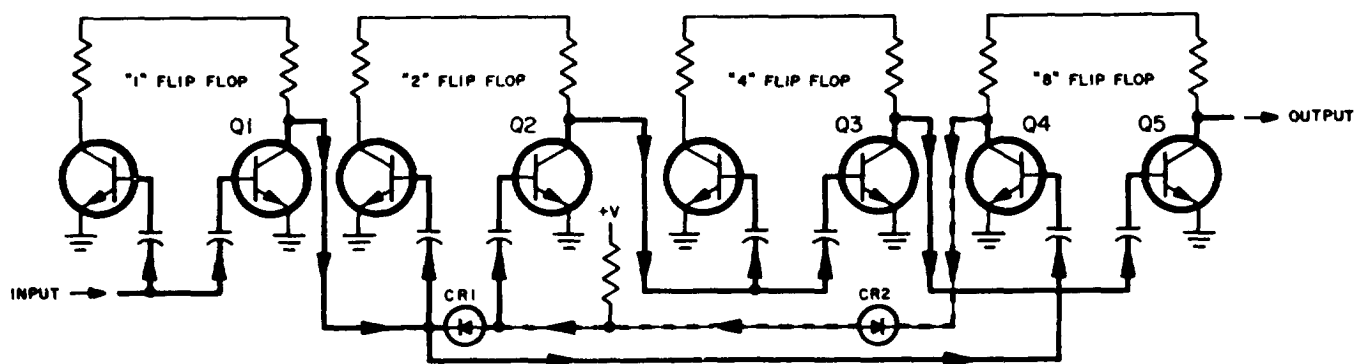


Figure 4-21. Coupled Low-Speed Count Decade Flip-Flops, Simplified Schematic Diagram

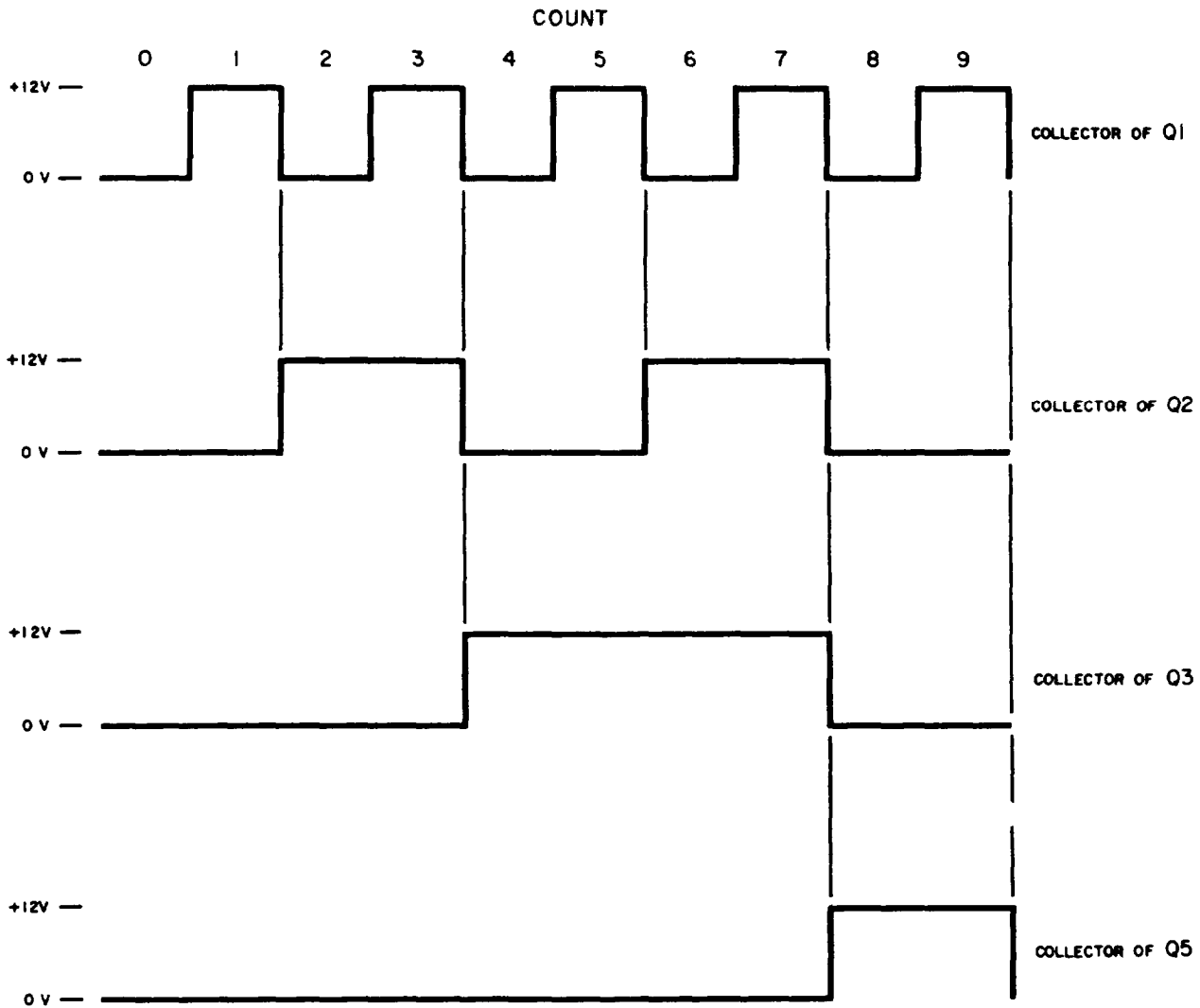


Figure 4-22. Coupled Count Decade Flip-Flops, Collector Waveforms

together to provide one output pulse for each ten input pulses. Figure 4-22 shows the idealized waveforms at the output of each flip-flop. At the count of zero, Q1, Q2, Q3, and Q5 are saturated and their collectors are at approximately zero volts. Diodes CR1 and CR2 form an AND gate at the input to the Q2- side of the "2" flip-flop. This AND gate prevents the "2" flip-flop and "4" flip-flop from changing state after the eighth input pulse is applied to the count decade. Since the Q4- side of the "8" flip-flop is driven directly by "1" flip-flop, the tenth input pulse causes the "8" flip-flop to change state. This, in effect causes the "8" flip-flop to change state at the counts of eight and ten. The change of state at the count of ten is used as the decade output. The 10-mc and 300-kc counting rate decades operate in this manner. Outputs are taken from both collectors of each flip-flop to drive the readout decoding circuits. An AND gate is provided on each decade which may be selected to provide the appropriate scaled frequency A when the counter is operated in the scale A mode.

The 100-mc counting rate count decade utilizes four coupled-flip-flops to produce a similar divide-by-ten action. The flip-flop circuits and method of coupling are different from the slower speed count decades. Figure 4-23 shows a typical flip-flop used in this count decade.

Transistors Q1 and Q2 form the flip-flop transistors, Q3 and Q4 are trigger transistors. The input to the binary is applied at the junction of capacitors C 1 and C2, the output is taken at the junction of the load resistor R4 and inductor 1.2 in the collector circuit of Q2. Diodes CR1 and CR2 form steering networks which steer input pulses to the base of the cutoff trigger transistor. These pulses cause the trigger transistor to start conducting, thereby lowering its collector voltage to approximately zero volts. This negative-going voltage triggers both flip-flop transistors; it is coupled to the base of the conducting transistor through C3 or C4, and to the collector of the cutoff transistor through R1 or R2. The regeneration action of the flip-flop completes the change of

state. The diodes in the base circuits of the flip-flop prevent saturation of either Q1 or Q2.

The input pulses to the 100-mc decade are passed through four amplifier stages EF1, AMPL2, AMPL4, and AMPL5. AND gate AG3 allows the input signal to be counted when the gate control signal is at the zero-volt level. The output of AMPL5 is coupled to TRIG6 and TRIG7 which drive FF8. Flip-Flop FF8 divides the input pulse repetition rate by two; the output of the flip-flop is amplified by EF9, AMPL10, AMPL11, and EF12 and applied to the inputs of each of the other three flip-flops. Diodes A1ACR24, A1A9CR27, A1A9CR34, A1A9CR37, A1A9CR40, A1A9CR45, A1A9CR50, A1A9CR51, A1A9CR53, and A1A9CR61 steer the output pulses from EF12 to the proper trigger transistor in the proper sequence to produce one output pulse from the FF21 for every ten input pulses to the decade. Emitter follower EF22 provides the decade output.

The outputs from one side of each flip-flop are supplied to additional circuits located on the printed circuit board A1 A1 9. The decade output pulse is applied to the two inverters INV31 and INV32. The carry output pulse to the following count decade is taken at the output of INV31. The output of INV32 drives an AND gate AG33 which provides the scaled

count signal when the counter is operated in the SCALE A MODE. The signal from each flip-flop on count decade A1A9 is applied to the input of a separate two stage inverter. These inverters provide TRUE and FALSE signals of the proper voltage level to drive the readout circuits.

b. COUNT DECADE TROUBLE SHOOTING. - The first step in trouble shooting the count decade section is to determine in which particular decade the fault lies. This can be done by observing the readout display associated with each decade, one at a time, until the fault y decade is located. Check the 100-mc decade and inverter circuit first. If this decade is operating properly, check the amplifiers which supply the carry pulse to the next decade. If they are operating properly, check the remaining decades in the following order: A1A18, A1A17, A1A16, A1A15, A1A14, A1A13, and A1A12.

Problem symptoms in a particular count decade fall into three categories: (1) improper decade output, (2) absence of decade output, and (3) absence of scale output when the scale gate is selected. Because the circuits of count decades A1A12 through A1A1 8 are similar, the trouble- shooting procedures for those decades are identical. In trouble shooting for improper or no output from any of these decades, the first

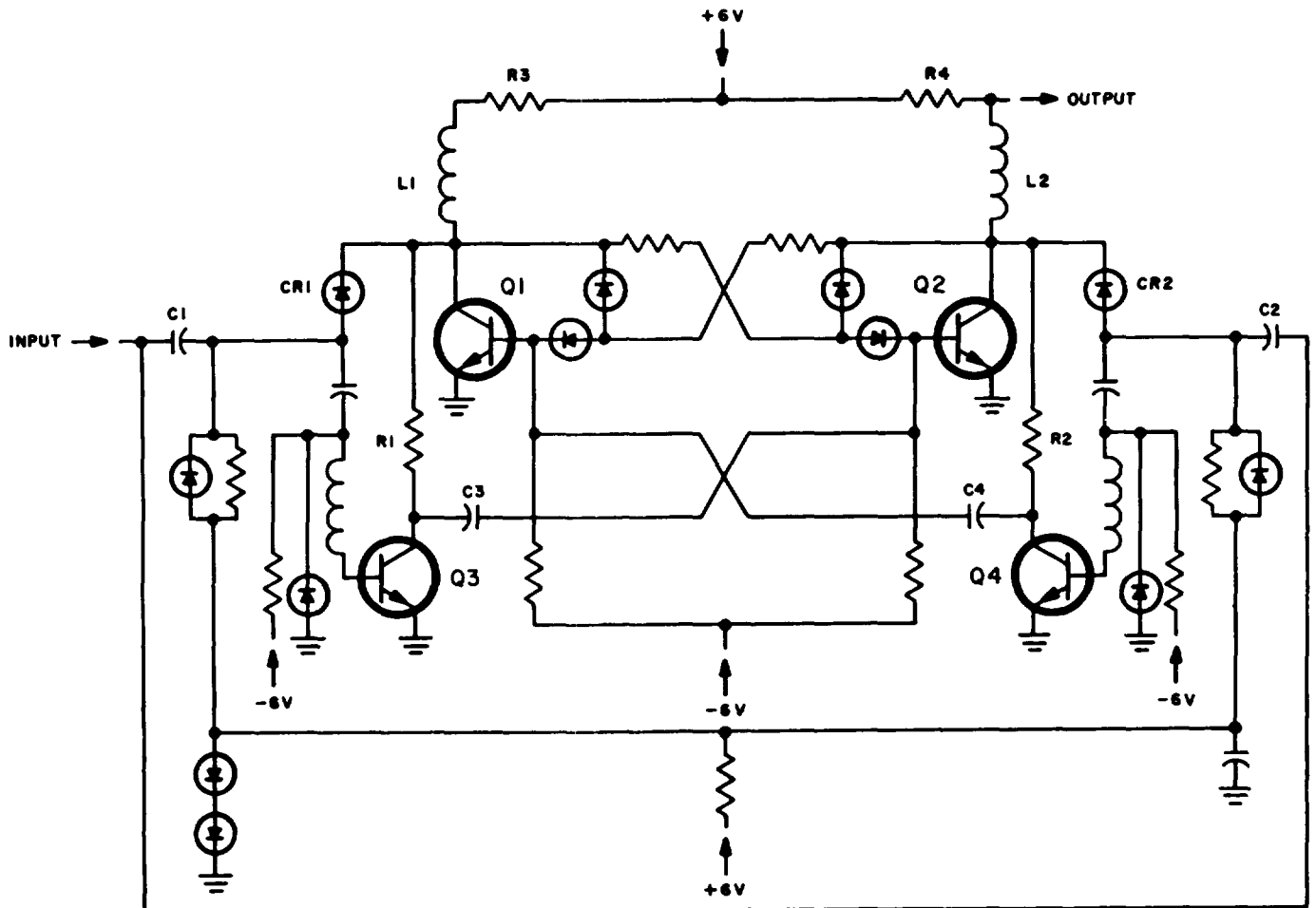


Figure 4-23. Typical High-Speed Count Flip-Flop, Simplified Schematic Diagram

step is to check that each flip-flop can be made to change state by shorting the collector of the cutoff transistor to ground. If a flip-flop does change state but does not operate with an input signal, check its triggering circuits. If the decade divides the repetition rate of the input signal by a factor other than ten, check the AND gate diodes at the input of FF35 and FF41. If the decade does not produce a scale frequency output, check the scale gate circuits AG38 and AG44.

Problems in the 100-mc decade can originate in the flip-flops, the coupling between flip-flops, or in the inverter circuits which drive the readout display. Problems in this decade can be caused by improper adjustment. Before the trouble-shooting procedure is started, check for proper adjustment. The procedure for adjusting the decade is given in paragraph 5-4g. When trouble shooting the amplifiers, AND gate, and first flip-flop circuits follow the input signal through the individual stages. The input signal should be present at the output of AMPL5 if A1A9Q3 is kept at cutoff (count gate open). The proper output of the "1" flip-flop is a pulse train of one-half the input repetition rate. If this flip-flop is found to be bad, check its ability to change state by shorting the collector of the cutoff transistor to ground. If the flip-flop does change state but does not operate with

an input signal, check its triggering circuits. The signal from the output of the FF8 can be followed through amplifiers EF9, AMPL10, AMPL11, and EF12.

Check the remaining three flip-flops for their ability to change state, by shorting the collector of each cutoff transistor to ground. If a flip-flop is found which does not change state, check the parts which make up the stage. If all flip-flops do change state, the cause of trouble may be a bad trigger circuit. Finally, check the coupling diodes between the flip-flops. When the faulty part has been replaced, the output signal from the "8" flip-flop can be followed through emitter follower EF22 and inverters INV31 and INV32 on the digital display indicator A1A19. If the decade does not produce a scale frequency output, check the scale gate circuit AG33. When all flip-flops are operating properly the output signal from each can be followed through the inverter stages INV23 through INV30 on the digital display indicator printed circuit board A1A19.

Table 4-14 is the count decade trouble shooting chart.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-20, 4-21, 4-2, 4-23, 4-24, 5-48, 5-49, 5-50, 5-72, 5-73, 5-74, 5-75, and 5-76.

TABLE 4-14. COUNT DECADES TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADES ON A1A12 THROUGH A1A18			
	Note Test point designations in this column refer to test points on the applicable assembly.	Note Prefix all reference designations in this column by the applicable assembly number.	
1	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. FUNCTION switch to TIME B → C. Mode selector switch to SEP. Press RESET switch. Turn B TRIGGER VOLTS control in either direction until the GATE lamp goes on. Rotate time -base switch until digital display indicator associated with faulty count decade changes display once each second. Observe waveform at test point 5 and compare with that shown in figure 4-24, sheet 3.	Waveform is correct. If voltage does not change, check previous decade.	2
2	Observe waveform at test point X and compare with that shown in figure 4-24, sheet 3.	Waveform is correct. Waveform is absent.	4 3

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADES ON A1A12 THROUGH A1A18 (cent)			
3	Monitor voltage at test point X. Determine cutoff transistor in FF40 and short its collector momentarily to ground.	If voltage changes by more than 10 volts and remains at that level, check CR18 and CR21.	
		If voltage does not change, check Q10 and Q11.	
		If voltage changes by more than 10 volts but returns to its original level, check Q10 and Q11.	
4	Observe waveform at test point Y and compare with that shown in figure 4-24, sheet 3.	Waveform is correct.	6
		Waveform is absent.	5
5	Monitor voltage at test point Y. Determine cutoff transistor in FF41 and short its collector momentarily to ground.	If voltage changes by more than 10 volts and remains at that level, check CR24, CR27, CR28, and CR29.	
		If voltage does not change, check Q12 and Q13.	
		If voltage changes by more than 10 volts but returns to its original level, check Q12 and Q13.	
6	Observe waveform at test point Z and compare with that shown in figure 4-24, sheet 3.	Waveform is correct.	8
		Waveform is absent.	7
7	Monitor voltage at test point Z. Determine cutoff transistor in FF42 and short its collector temporarily to ground.	If voltage changes by more than 10 volts and remains at that level, check CR32 and CR35.	
		If voltage does not change, check Q14 and Q15.	
		If voltage changes by more than 10 volts but returns to its original level, check Q14 and Q15.	
8	Observe waveform at test point 6 and compare with that shown in figure 4-24, sheet 3.	If waveform is correct, check load on decade output.	9
		Waveform is absent.	
9	Monitor voltage at test point 6. Determine cutoff transistor in FF43 and short its collector momentarily to ground.	If voltage changes by more than 10 volts and remains at that level, check Q18, CR38, and CR41.	
		If voltage does not change, check Q16, Q17, Q18, and CR29.	

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADES ON A1A12 THROUGH A1A18 (cont)			
(cont)		If voltage changes by more than 10 volts but returns to its original level, check Q16, Q17, Q18, and CR29.	
10	<p>Set the controls on the front panel of the counter as follows:</p> <p>POWER switch to TRACK</p> <p>FUNCTION switch to TIME B → C.</p> <p>Mode selector switch to SEP.</p> <p>Press RESET switch. Turn B TRIGGER VOLTS control slowly in either direction, until the GATE lamp goes on. Rotate time-base switch until digital display indicator associated with faulty count decade changes display once each second. Observe waveform at test point 3 and compare with that shown in figure 4-24, sheet 2.</p>	<p>Waveform is correct.</p> <p>Waveform is absent.</p>	11
11	Observe waveform at test point U and compare with that shown in figure 4-24, sheet 2.	Waveform is correct.	13
12	Monitor voltage at test point U. Determine cutoff transistor in FF34 and short its collector momentarily to ground.	<p>Waveform is absent.</p> <p>If voltage changes by more than 10 volts and remains at that level, check CR17, CR18, CR20, and CR21.</p> <p>If voltage does not change, check Q10, Q11, CR19, and CR20.</p> <p>If voltage changes by more than 10 volts but returns to its original level, check Q10, Q11, CR19, and CR20.</p>	12
13	Observe waveform at test point V and compare with that shown in figure 4-24, sheet 2.	Waveform is correct.	15
14	Monitor voltage at test point V. Determine cutoff transistor in FF35 and short its collector momentarily to ground.	<p>Waveform is absent.</p> <p>If voltage changes by more than 10 volts and remains at that level, check CR23, CR24, CR27, CR28, CR29, and CR30.</p> <p>If voltage does not change, check Q12, Q13, CR25, and CR26.</p> <p>If voltage changes by more than 10 volts but returns to its original level, check Q12, Q13, CR25, and CR26.</p>	14
15	Observe waveform at test point W and compare with that shown in figure 4-24, sheet 2.	Waveform is correct.	17
		Waveform is absent.	16

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADES ON A1 A1 2 THROUGH A1A18 (cont)			
16	Monitor voltage at test point W. Determine cutoff transistor in FF36 and short its collector momentarily to ground.	If voltage changes by more than 10 volts and remains at that level, check CR31, CR32, CR35, and CR36.	
		If voltage does not change, check Q14, Q15, CR33, and CR34.	
		If voltage changes by more than 10 volts but returns to its original level, check Q14, Q15, CR33, and CR34.	
17	Observe waveform at test point 4 and compare with that shown in figure 4-24, sheet 2.	If waveform is correct, check load on decade output.	
		Waveform is absent.	18
18	Monitor voltage at test point 4. Determine cutoff transistor in FF37 and short its collector momentarily to ground.	If voltage changes by more than 10 volts and remains at that level, check Q18, CR37, CR38, CR41, and CR42.	
		If voltage does not change, check Q16, Q17, Q18, CR29, CR39, and CR40.	
		If voltage changes by more than 10 volts but returns to its original level, check Q16, Q17, Q18, CR29, CR39, and CR40.	
COUNT DECADE A1A9			
19	Set the controls on the front panel of the counter as follows: POWER switch to TRACK. FUNCTION switch to TIME B → C. Time-base switch to 1. Mode selector switch to SEP. Press RESET switch. Turn B TRIGGER VOLTS control slowly in either direction until GATE lamp goes on. Observe waveform at test point A and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	20
		If waveform is incorrect, check A1A9Q1.	
20	Observe waveform at test point B and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	21
		If waveform is incorrect, check A1A9Q2, A1A9Q3, A1A9CR1, A1A9CR2, and A1A9CR3.	
21	Observe waveform at test point C and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	22
		If waveform is incorrect, check A1A9Q4, A1A9Q5, A1A9CR4, A1A9CR5, A1A9CR6, A1A9CR7, and A1A9CR8.	

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADE A1A9 (cent)			
22	Observe waveform at test point E and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	24
		If lower level of waveform is more negative than +0.8 volt, check A1A9CR16 and A1A9CR17.	
		If voltage change is less than 4 volts, check A1A9Q9, A1A9Q10, A1A9CR18, A1A9CR19, and A1A9CR20.	
		Waveform is absent.	23
23	Monitor voltage at test point E. Determine cutoff transistor in FF8 and short its collector momentarily to ground.	If voltage changes by more than 4 volts and remains at that level, check A1A8Q6, A1A9Q9, A1A9CR9, A1A9CR10, A1A9CR11, A1A9CR14, A1A9CR15, A1A9CR18, A1A9CR19, and A1A9CR20.	
		If voltage changes by less than 4 volts, check A1A9Q9, A1A8Q10, A1A9CR18, A1A9CR19, and A1A9CR20.	
		If voltage does not change, check A1A8Q7, A1A9Q8, A1A9CR12, A1A9CR13, A1A9CR16, and A1A9CR17.	
		If voltage changes by more than 4 volts but returns to its original level, check A1A8Q7, A1A8Q8, A1A9CR12, A1A9CR13, A1A9CR16, and A1A9CR17.	
		If voltage is more negative than + 0.8 volt or changes to more negative than + 0.8 volt, check A1A9CR12, A1A9CR13, A1A9CR16, and A1A9CR17.	
24	Observe waveform at test point D and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	25
		If lower level of waveform is more negative than + 0.8 volt, check CR12 and CR13.	
25	Observe waveform at test point F and compare with that shown in figure 4-24, sheet 1.	Waveform is correct. If waveform is incorrect, check A1A8Q10, A1A9Q11, and A1A9CR21.	
26	Observe waveform at test point G and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	27
		If waveform is incorrect, check A1A8Q12, A1A9Q13, A1A9CR22, and A1A9CR23.	
27	Observe waveform at test point I and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	29

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADE A1A9 (cont)			
(cont)		If lower level of waveform is more negative than +0.8 volt, check A1A9CR30 and A1A9CR31.	
		Waveform is absent.	28
28	Monitor voltage at test point H. Determine cutoff transistor in FF15 and short its collector momentarily to ground.	If voltage changes by more than 4 volts and remains at that level, check A1A9Q14, A1A9Q17, A1A9CR24, A1A9CR25, A1A9CR26, A1A9CR27, A1A9CR32, A1A9CR33, A1A9CR34, and A1A9CR35.	
		If voltage changes by less than 4 volts, check A1A9Q15, A1A9Q16, A1A9CR24, A1A9CR27, A1A9CR34, A1A9CR37, A1A9CR50, and A1A9CR53.	
		If voltage does not change, check A1A9Q14, A1A9Q15, A1A9Q16, A1A9Q17, A1A9CR28, A1A9CR29, A1A9CR30, and A1A9CR31.	
		If voltage changes by more than 4 volts but returns to its original level, check A1A9Q14, A1A9Q15, A1A9Q16, A1A9Q17, A1A9CR28, A1A9CR29, A1A9CR30, and A1A9CR31.	
		If voltage is more negative than +0.8 volt or changes to more negative than +0.8 volt, check A1A9CR30 and A1A9CR31.	
29	Observe waveform at test point K and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	31
		If lower level of waveform is more negative than +0.8 volt, check A1A9CR43 and A1A9CR44	
		Waveform is absent.	30
30	Monitor voltage at test point J. Determine cutoff transistor in FF18 and short its collector momentarily to ground.	If voltage changes by more than 4 volts and remains at that level, check A1A9Q18, A1A9Q21, A1A9CR37, A1A9CR38, A1A9CR39, A1A9CR40, A1A9CR45, A1A9CR46, A1A9CR47, A1A9CR48, A1A9CR49, and A1A9CR50.	
		If voltage changes by less than 4 volts, check A1A9Q18, A1A9Q21, A1A9CR40, A1A9CR47, and A1A9CR51.	
		If voltage does not change, check A1A9Q18, A1A9Q19, A1A9Q20, A1A9Q21, A1A9CR41, A1A9CR42, A1A9CR43, and A1A9CR44.	

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADE A1A9 (cent)			
(cont)		If voltage changes by more than 4 volts but returns to its original level, check A1A9Q18, A1A9Q19, A1A9Q20, A1A9Q21, A1A9CR41, A1A9CR42, A1A9CR43, and A1A9CR44.	
		If voltage is more negative than + 0.8 volt or changes to more negative than + 0.8 volt, check A1A9CR41 and A1A9CR42.	
31	Observe waveform at test point M and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	33
		If negative portion of waveform is less than + 0.8 volt, check A1A9CR57 and A1A9CR58.	
		Waveform is absent.	
32	Monitor voltage at test point L. Determine cutoff transistor in FF20 and short its collector momentarily to ground.	If voltage changes by more than 4 volts and remains at that level, check A1A9Q22, A1A9Q25, A1A9CR51, A1A9CR52, A1A9CR53, A1A9CR59, A1A9CR60, A1A9CR61, A1A9CR62, and A1A9CR63.	
		If voltage changes by less than 4 volts, check A1A9Q22, A1A8Q25, A1A9Q26, A1A9CR24, and A1A9CR61.	
		If voltage does not change, check A1A9Q22, A1A9Q23, A1A9Q24, A1A9Q25, A1A9Q26, A1A9CR55, A1A9CR56, A1A9CR57, and A1A9CR58.	
		If voltage changes by more than 4 volts but returns to its original level, check A1A9Q22, A1A9Q23, A1A9Q24, A1A9Q25, A1A9Q26, A1A9CR55, A1A9CR56, A1A9CR57, and A1A9CR58.	
		If voltage is more negative than + 0.8 volt or changes to more negative than +0.8 volt, check A1A9CR55 and A1A9CR56.	
33	Observe waveform at test point 2 and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	34
		If waveform is incorrect, check A1A9Q26.	
34	Observe waveform at test point N (on digital display indicator A1A1 9) and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	35
		If waveform is incorrect, check A1A19Q10, and A1A19CR17.	
35	Observe waveform at test point P (on digital display indicator A1A19) and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	36
		If waveform is incorrect, check A1A19Q1 1, A1A9Q12, and A1A19CR18.	
36	Observe waveform at test point Q (on digital display indicator A1A19) and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	37
		If waveform is incorrect, check A1A19Q13 and A1A19Q14.	

TABLE 4-14. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
COUNT DECADE A1A9 (cent)			
37	Observe waveform at test point R (on digital display indicator A1 A1 9) and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	38
		If waveform is incorrect, check A1A19Q15 and A1A19Q16.	
38	Observe waveform at test point S (on digital display indicator A1 A1 9) and compare with that shown in figure 4-24, sheet 1.	Waveform is correct.	39
		If waveform is incorrect, check A1A19Q17 and A1A19Q18.	
39	Observe waveform at test point T (on digital display indicator A1 A1 9) and compare with that shown in figure 4-24, sheet 1.	If waveform is correct, check readout	
		If waveform is incorrect, check A1A19Q19	

- NOTES**
- Primary signal paths weighted. Feedback paths weighted and dashed.
 - indicates assembly boundaries.
 - Dc voltages are preceded by "V" or "V-".
 - Waveforms recorded with an AN/USM-140B Oscilloscope.
Control settings:
Sensitivity: 5 v/cm.
Sweep line: 1 sec/cm.
 - Explanation of symbols placed at waveforms:
T - Duration of the portion of waveform indicated.
V - Peak-to-peak voltage.
 - Dc voltages are measured with a CCUR-801 Dc Differential Voltmeter.
 - Abbreviations within logic or circuit blocks are as follows:
AQ AND Gate
AMPL Amplifier
EP Emitter Follower
FF Flip-Flop
INV Inverter
OR OR Gate
 - Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
 - Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
 - Counter circuits of assemblies A1A17 and A1A18 are identical. Only A1A18 is shown in detail.
 - Counter circuits of assemblies A1A12 through A1A16 are identical. Only A1A18 is shown in detail.
 - Operating control settings:
POWER switch to TRACK.
FUNCTION switch to TIME B → C.
Mode selector switch to BEP.
 - To corresponding parts on readout portion of same assembly:
Example: On 10⁶ Count Decade, corresponding parts are as listed at 10⁴ Count Decade with prefix changed to A1A17.
 - To corresponding parts on readout portion of same assembly:
Example: On 10⁶ Count Decade, corresponding parts are as listed at 10⁴ Count Decade with prefix changed to A1A18.
 - An asterisk (*) indicates that the assembly designator is the same as that listed in the lower left-hand corner of the applicable dashed-line block.

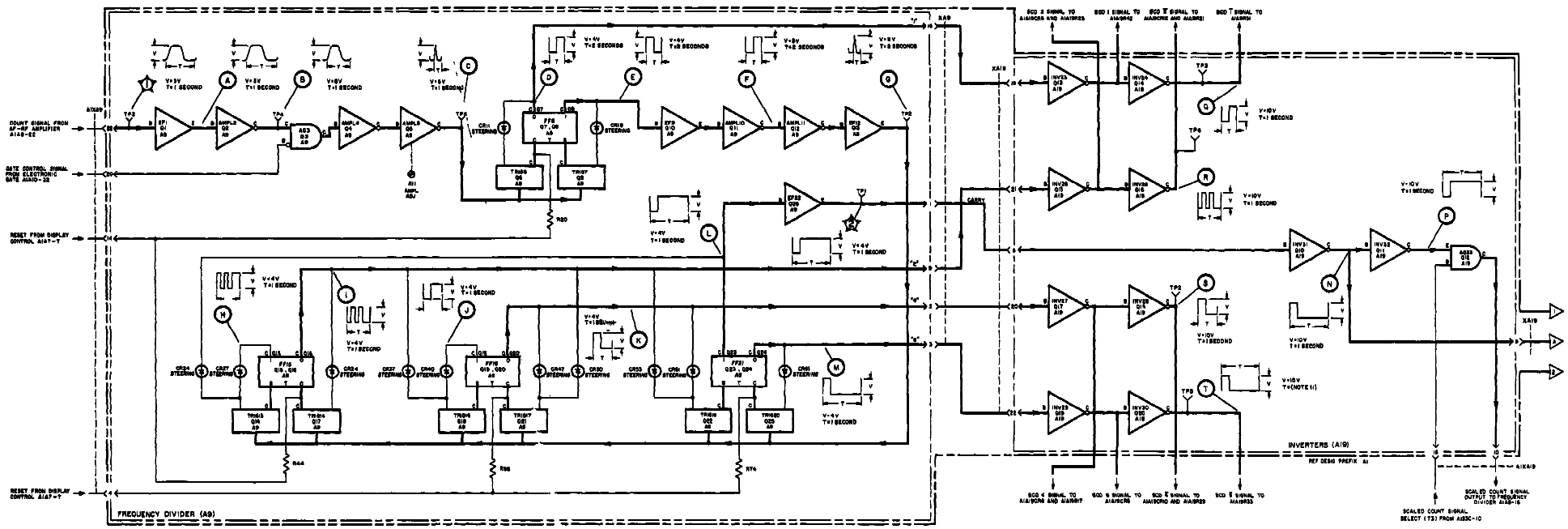


Figure 4-24. Count Decade, Functional and Servicing Block Diagram (Sheet 1 of 3)

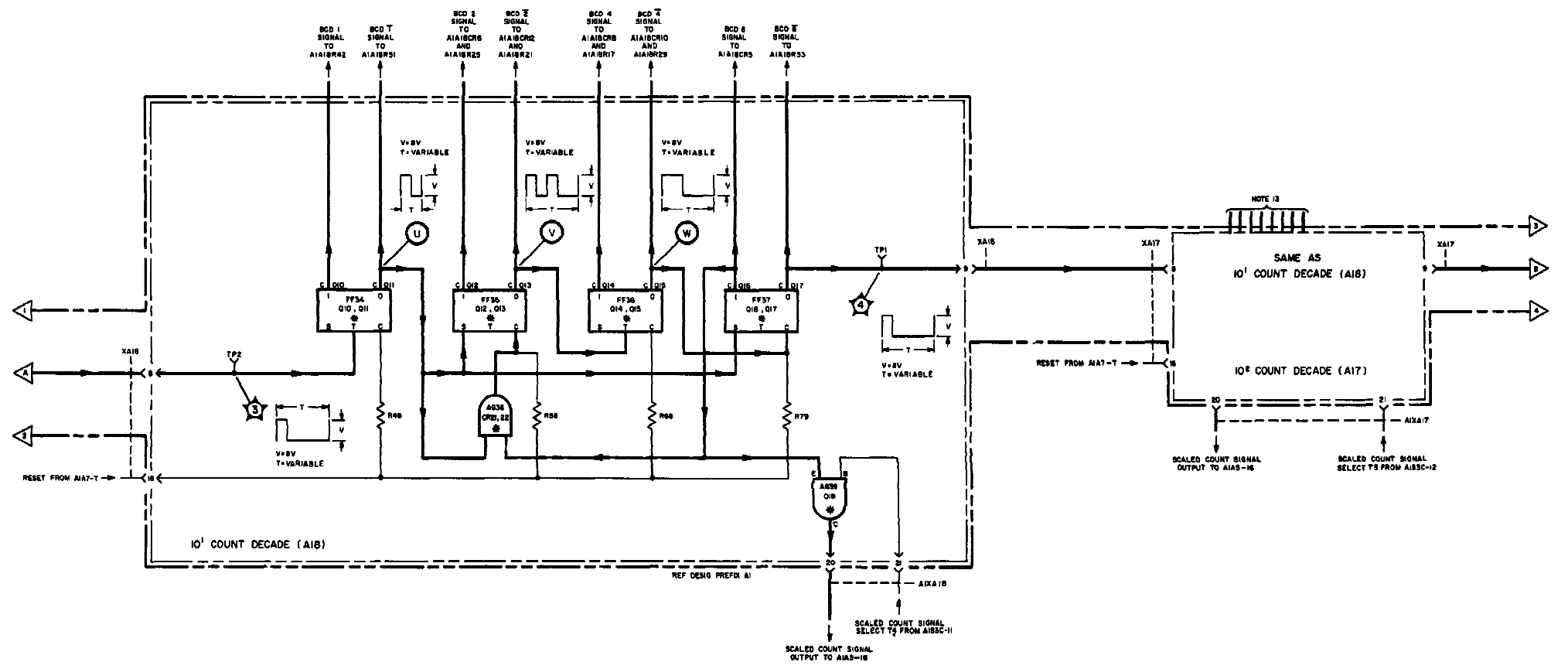


Figure 4-24. Count Decade, Functional and Servicing Block Diagram (Sheet 2 of 3)

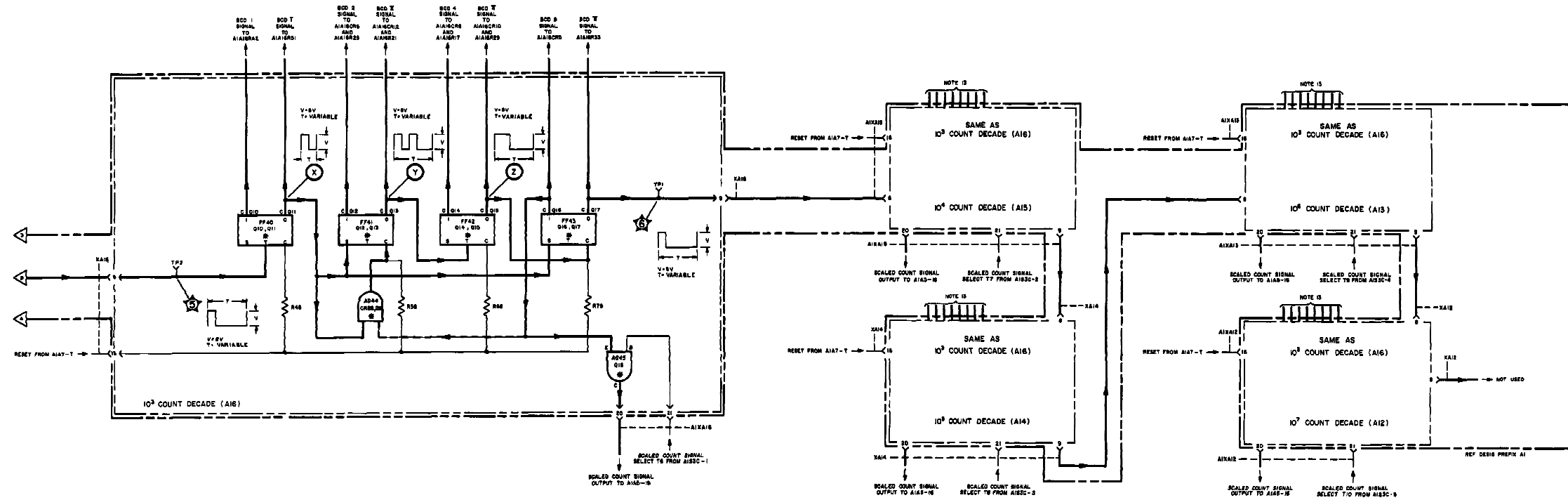


Figure 4-24. Count Decade, Functional and Servicing Block Diagram (Sheet 3 of 3)

4-15. READOUT.

a. READOUT FUNCTIONAL DESCRIPTION. -

The readout functional section is constructed on portions of printed circuit boards A1A12 through A1A19 and A1A7. A readout indicator tube and circuits for its operation are mounted on printed circuit boards A1A12 through A1A19. The circuits for the coding of decimal point position information for the printer output are constructed on printed circuit board A1A7. Figure 4-29 shows the readout circuits and the decimal point coding circuits of one of the eight printed circuit boards, A1A12; the others are identical to A1A12 and are not shown separately.

The readout section decodes the binary-coded-decimal information obtained from the count decades into decimal information, and displays this information on the readout indicator tube. The readout also stores the information displayed on the readout indicator when the counter is operated in the store mode.

The readout indicator tube is a cold-cathode, gas-filled indicator consisting of two anodes, and five pairs of cathodes. Each cathode consists of two decimal indicators: 0-1, 2-3, 4-5, 6-7, and 8-9. The two anodes are termed odd or even. Igniting any particular number requires a voltage between one of the two anodes and one of the five cathode pairs. The circuits which drive the readout indicator can be divided into two parts: the anode selection and the cathode selection.

The reference designations used in the following description are not prefixed by assembly designations. The descriptions apply to any of assemblies A1 A1 2 through A1A19.

The circuits that select the appropriate anode consist of FF3, SW1 and SW2. When the counter is operated in the track mode, the flip-flops is driven directly by the "1" flip-flop on the associated count decade, and reverses its state each time the count advances by one number. The flip-flop is in one state (Q3 conducting) for even numbers and in the opposite state (Q4 conducting) for odd numbers. The outputs of FF3 are used to drive SW1 and SW2. These two switches are in shunt across the readout indicator. When an even number is to be displayed Q1 (SW1) cuts off and Q2 (SW2) saturates, causing the voltage at the even anode to rise and at the odd anode to fall. When an odd number is to be displayed the reverse occurs. To complete the ionization of the readout indicator the voltage at one cathode must be lowered until the ignition voltage between anode and cathode is reached.

The circuits that select the appropriate cathode consist of five silicon-controlled switches (SW6 through SW10). The input to each switch is an AND gate. The inputs to the AND gates are taken from the "2", "4", and "8" flip-flops on the associated count decade. One additional input is supplied by the transfer pulse for store operation. When all inputs to any AND gate are positive and the counter is in the track mode, the AND gate produces a positive output causing the silicon-controlled switch to conduct. This conducting switch lowers the cathode voltage to the point where the readout indicator ignites. Table 4-15 shows the inputs necessary to activate each AND gate.

TABLE 4-15. READOUT DIGITS DECODING

AND GATE	CATHODE	POSITION INPUTS NECESSARY TO ACTIVATE AND GATE
AG11	0, 1	2, 4, 8, and transfer pulse
AG12	2, 3	$\bar{2}$, 4, and transfer pulse
AG13	4, 5	2, $\bar{4}$, and transfer pulse
AG14	6, 7	$\bar{2}$, $\bar{4}$, and transfer pulse
AG15	8, 9	$\bar{8}$ and transfer pulse

When the counter is in the TRACK mode of operation, the transfer pulse input to the AND gates is held at approximately +12 volts. This allows the gates to be activated entirely by the count-decade flip-flops. The clear-set signal supplied to the silicon-controlled switch is held at approximately zero volts; this allows the switch to conduct when the AND gate is activated and to cut off when it is not. In this mode of operation the number displayed changes each time the count changes in the count decades.

The silicon-controlled switches are also used as the storage elements when the counter is operated in the store mode. In this mode of operation the positive clear-set voltage keeps the silicon-controlled switch in conduction after the AND gate is no longer activated. This causes the number displayed to remain illuminated even though the number in the count decade changes. When the clear-set voltage is removed the silicon-controlled switch cuts off. To turn on the switch the AND gate must be reactivated. In the store mode this requires the presence of the transfer signal as well as the proper inputs from the count decades. Thus, the AND gate turns on the silicon-controlled switch, application of the clear-set signal holds it on, and removal of clear set turns it off. Figure 4-25 shows the relationship between the clear set and transfer signals during store and track operation.

The remainder of the readout section consists of the decimal point and unit lamp system and decimal lamp position coding. All the lamps are controlled by the front panel FUNCTION and time-base switches. Table 4-16 shows which lamp light in each position of the FUNCTION and time-base switches.

The decimal lamp coding system is constructed on part of printed circuit board A1A7. The seven decimal-point lamp positions on the readout are assigned the numbers D0 through D6 with D0 being at the far right when the counter is viewed from the front. The position number of the lamp that is lighted is coded into binary-coded-decimal form and terminated at the PRINTER connector. Since there is no term requiring a binary-coded-decimal 8, this term is always at the +12-volt level.

b. READOUT TROUBLE SHOOTING. - Problems in the readout section fall into five categories:

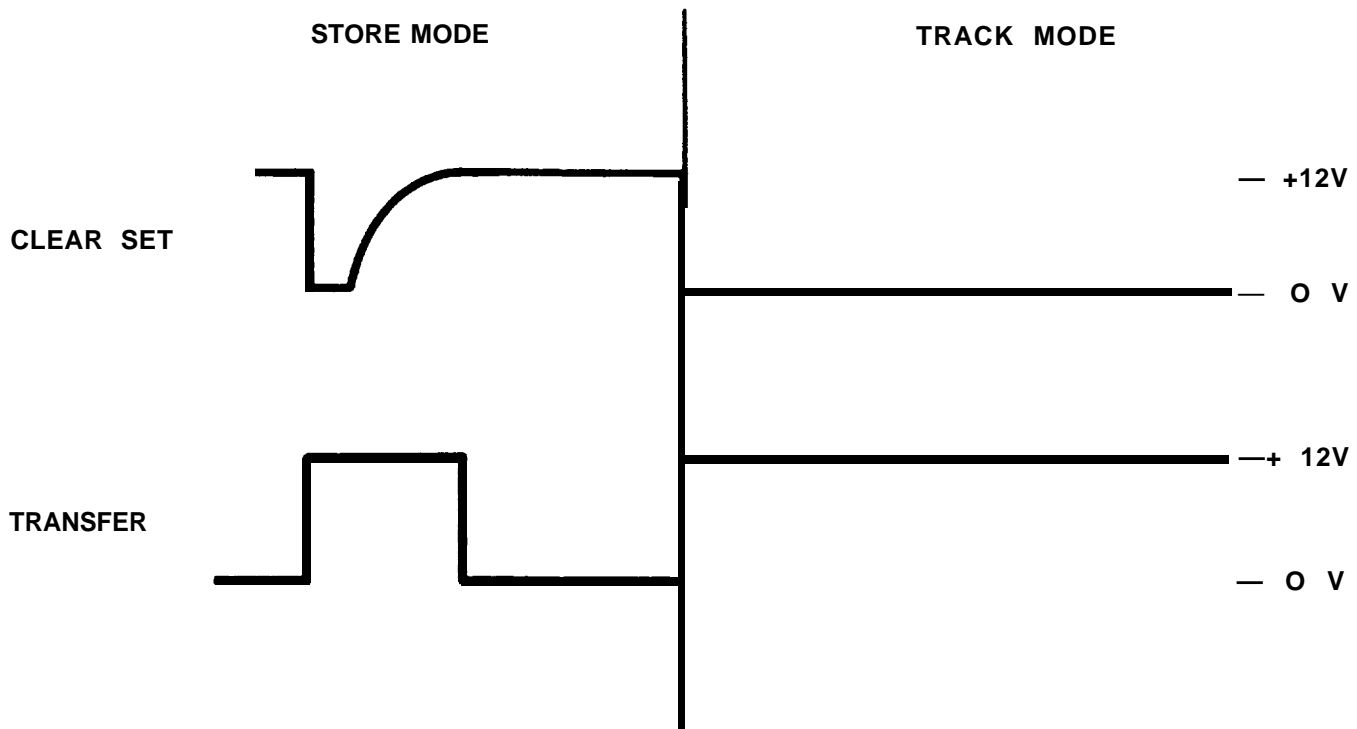


Figure 4-25. Store and Track Mode Readout Waveforms

TABLE 4-16 ANNUNCIATOR LAMPILLUMINATION

FUNCTION SWITCH POSITION	TIME BASE SWITCH POSITION									
	10 ⁻¹	1	10 ¹	10 ²	10 ³	10 ⁴	10 ⁵	10 ⁶	10 ⁷	10 ⁸
PERIOD B x 1		see, D0	see, D1	see, D2	ms, D0	ms, D1	ms, D2	ms, D0	ms, D1	D0
PERIOD B x 10		see, D1	see, D2	ms, D0	ms, D1	ms, D2	ms, D0	ms, D1	ms, D2	D1
PERIOD B x 10 ²			ms, D0	ms, D1	ms, D2	ms, D0	ms, D1	ms, D2	ms, D3	D2
PERIOD B x 10 ³				ms, D2	ms, D0	ms, D1	ms, D2	ms, D3	ms, D4	D3
PERIOD B x 10 ⁴					ms, D1	ms, D2	ms, D3	ms, D4	ms, D5	D4
PERIOD B x 10 ⁵						ms, D3	ms, D4	ms, D5	ms, D6	D5
TIME B → C		see, D0	see, D1	see, D2	ms, D0	ms, D1	ms, D2	ms, D0	ms, D1	
FREQ	kc, D4	kc, D3	kc, D2	kc, D1	kc, D0	mc, D2	mc, D1	mc, D0		
SCALE A										
MANUAL STOP										
MANUAL START										

(1) improper decoding of count decade signals; (2) improper memory operation; (3) improper numeral illumination; (4) faults in the readout indicator tubes; and (5) improper decimal-lamp position coding. Table 4-17 is the readout trouble-shooting chart.

If only odd or only even numbers are displayed on the readout indicator, check FF3 and associated switches SW1 and SW2. The flip-flop is driven through R51 and R42 from the collectors on the "1" flip-flops of the associated count decade. The collectors of Q3 and Q4 drive the switch transistors Q1 and Q2. If any of these four transistors is open or shorted, the readout may display only odd or only even numbers.

Figure 4-26 is useful in trouble shooting problems resulting in absence of ignition voltage at any numeral.

In figure 4-26, the only situation which allows the voltage between the anode and cathode to reach the ignition voltage occurs when the silicon-controlled switch is conducting and the transistor is cutoff. If this situation is found to exist and the readout indicator is not ionized, check the tube.

A partial schematic diagram of one of the silicon-controlled switches and associated AND gate is shown in figure 4-27. This diagram is useful in trouble shooting the decoding portion of the readout section.

In figure 4-27, positive levels at all inputs produce a positive voltage at the AND gate output. When this occurs, turn-on current is supplied to the silicon-controlled switch through the AND gate resistor. This causes the silicon-controlled switch to saturate and the anode gate is at the cathode bias voltage. If the voltage at the anode is made positive, the switch remains saturated when the inputs to the AND gate are removed. If two numbers corresponding to a single cathode do not light, the silicon-controlled switch driving them is probably open. If more than one number lights at a time, check the parts making up the AND gate associated with those numbers.

A partial schematic diagram of the coding of one decimal point lamp (D4) is shown in figure 4-28. When the switch is closed the lamp lights and the input to the OR gate is grounded. The output of the OR gate is zero volts and the binary-coded-decimal output is 4, corresponding to lamp D4 being lighted. The other lamps are coded in an identical manner.

Table 4-17 is the readout trouble-shooting chart.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-25, 4-26, 4-27, 4-28, 4-29, 5-43, 5-48, 5-49, 5-50, 5-77, 5-78, and 5-79.

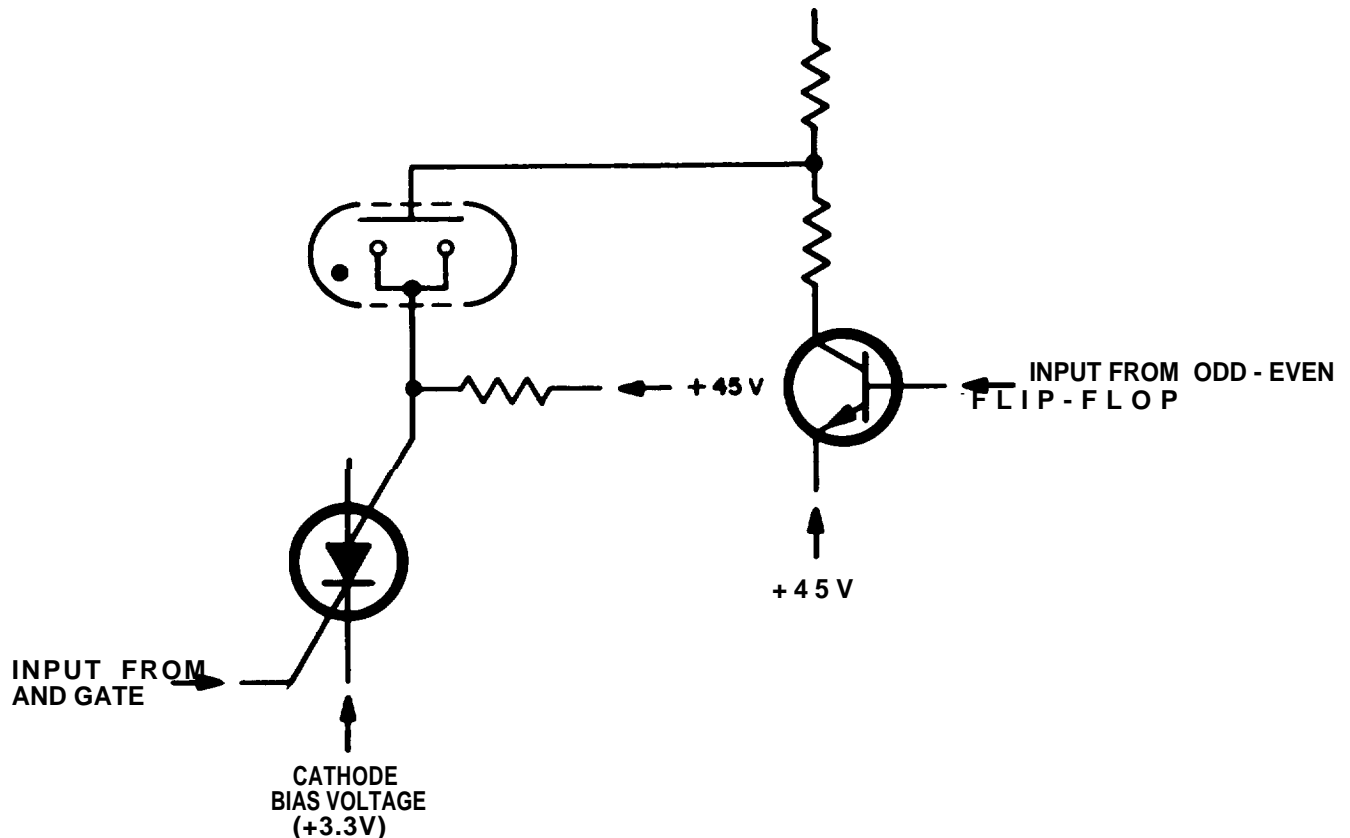


Figure 4-26. Typical Readout Indicator Driver, Simplified Schematic Diagram

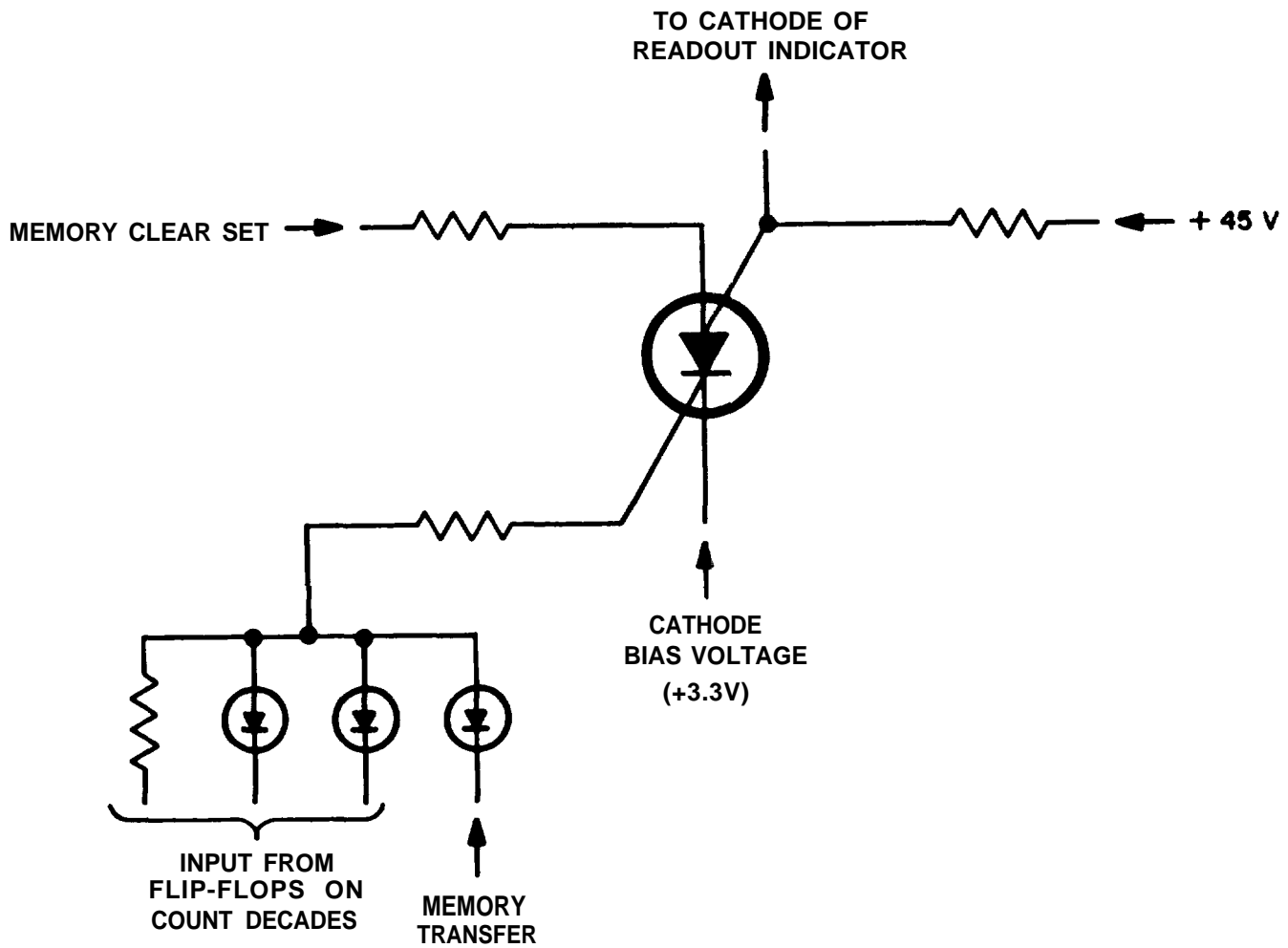


Figure 4-27. Typical Readout Decoding, Simplified Schematic Diagram

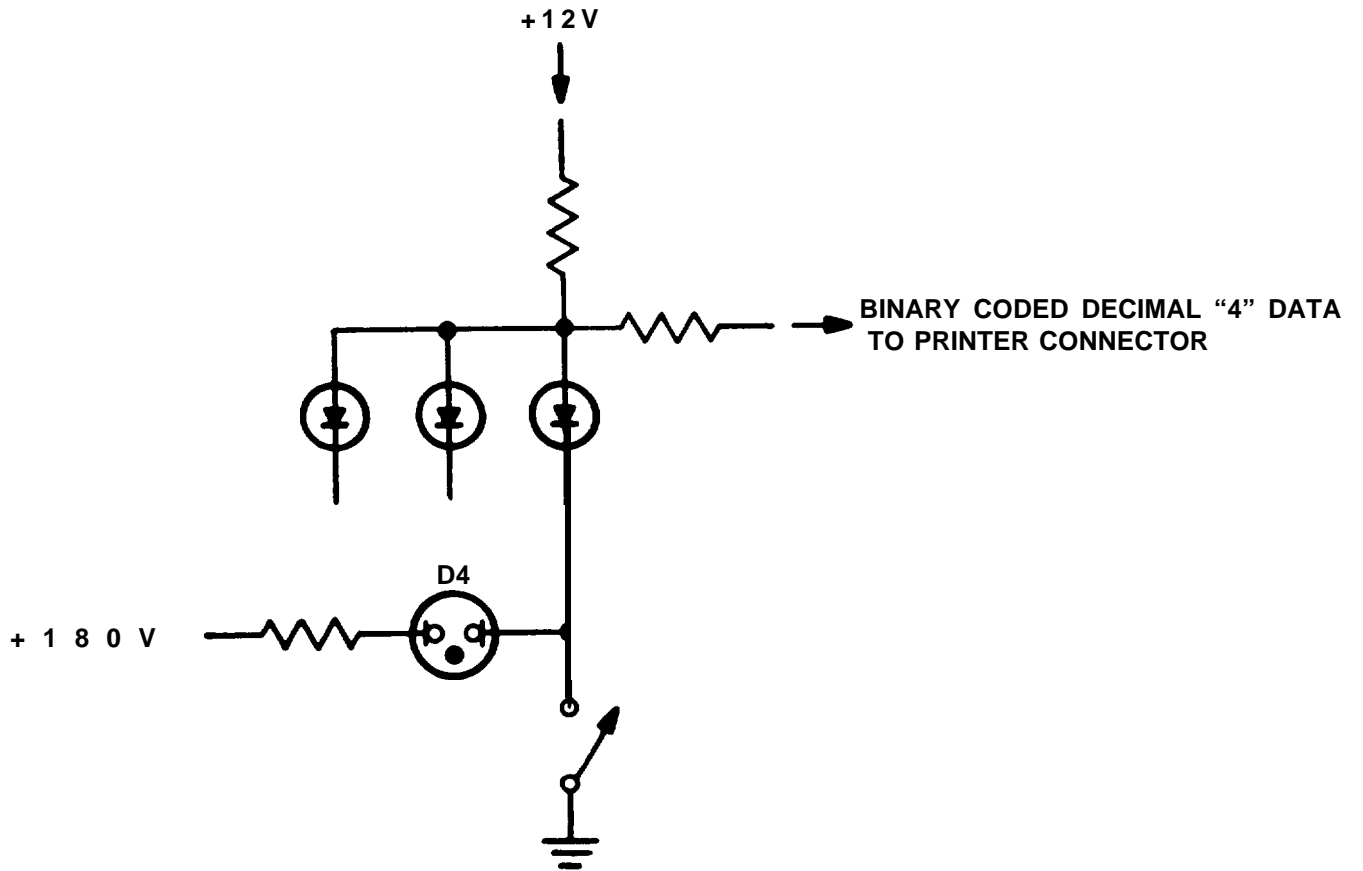


Figure 4-28. Typical Decimal Point Lamp Coding, Simplified Schematic Diagram

TABLE 4-17. READOUT TROUBLE SHOOTING

STEP	ACTION	RESULTS	NEXT STEP
		<p style="text-align: center;">Note</p> <p>Prefix all reference designations in this column by the applicable assembly number.</p>	
1	<p>Set the controls on the front panel of the counter as follows:</p> <p>POWER switch to TRACK.</p> <p>FUNCTION switch to TIME B → C.</p> <p>Mode selector switch to STEP.</p> <p>Press RESET switch. Turn B TRIGGER VOLTS control slowly in either direction until the GATE lamp goes on. Rotate time-base switch until faulty digital display indicator advances once each second.</p>	<p>Readout counts in the proper sequence of 0 through 9.</p> <p>If readout displays only even or only odd numbers, check Q1 through Q4.</p> <p>If readout displays five single numbers and five double numbers, check Q1 through Q4, CR1 and CR2.</p> <p>If readout becomes blurred during part of count sequence, check CR7, CR9, CR11, and CR13.</p> <p>If readout displays double numbers with the exception of a single 8 or 9, check CR14.</p> <p>If readout advances while either 0 or 1 is on <u>all</u> the time, check Q5.</p> <p>If readout advances while either 2 or 3 is on <u>all</u> the time, check Q6.</p> <p>If readout advances while either 4 or 5 is on <u>all</u> the time, check Q7.</p> <p>If readout advances while either 6 or 7 is on <u>all</u> the time, check Q8.</p> <p>If readout advances while either 8 or 9 is on <u>all</u> the time, check Q9.</p> <p>If readout advances but 0 and 1 are blurred, check Q5.</p> <p>If readout advances but 2 and 3 are blurred check Q6.</p> <p>If readout advances but 4 and 5 are blurred, check Q7.</p> <p>If readout advances but 6 and 7 are blurred, check Q8.</p> <p>If readout advances but 8 and 9 are blurred, check Q9.</p> <p>If readout advances but two consecutive numbers light at once, check Q1 through Q4.</p> <p>If readout advances in an improper sequence, check CR5, CR6, CR8, CR10, and CR12.</p>	2

TABLE 4-17. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
1 (cont)		If readout displays random double numbers check CR5, CR6, CR8, CR10. and CR12.	
		If readout blinks on and off, check cathode bias voltage (correct voltage is approximately +1 volt).	
2	<p>Set the controls on the front panel of the counter as follows:</p> <p>POWER switch to TRACK. FUNCTION switch to FREQ. SENSITIVITY switch to .1 V. Time-base switch to 1.</p> <p>Apply a signal to the FREQ. A connector with a frequency which causes faulty digital display indicator to advance approximately once each second. Set POWER switch to STORE. Vary frequency of input signals to cause the faulty digital display indicator to store as many different numbers as possible.</p>	Readout stores every number properly.	3
		If readout becomes blurred when 0 or 1 should be stored, check R19 and Q5.	
		If readout becomes blurred when 2 or 3 should be stored, check R23 and Q6.	
		If readout becomes blurred when 4 or 5 should be stored, check R27 and Q7.	
		If readout becomes blurred when 6 or 7 should be stored, check R31 and Q8.	
		If readout becomes blurred when 8 or 9 should be stored, check R35 and Q9.	
		If 0 or 1 light along with number being stored, check CR7.	
		If 2 or 3 light along with number being stored, check CR9.	
		If 4 or 5 light along with number being stored, check CR11.	
		If 6 or 7 light along with number being stored, check CR13.	
If 8 or 9 light along with number being stored, check CR14.			
3	<p>Monitor binary-coded-decimal output of the following pins on PRINTER connector, (TRUE output is normally more negative than +0.5 volts, FALSE is more positive than +11.5 volts):</p> <p>BCD 1 pin 9 BCD 2 pin c BCD 4 pin b BCD 8 pin x</p> <p>Vary positions of FUNCTION and time-base switches to change position of decimal point light and check lamp coding.</p>	If BCD 1 coding is incorrect, check A1A7CR12, A1A7CR13, and A1A7CR14.	
		If BCD 2 coding is incorrect, check A1A7CR15, A1A7CR16, and A1A7CR17.	
		If BCD 4 coding is incorrect, check A1A7CR18, A1A7CR19, and A1A7CR20.	
		If BCD 8 coding is not always FALSE (about +12 volts). check A1A7R49.	
		If all BCD outputs remain at zero volt, check power supply.	

- NOTES**
1. Primary signal paths weighted.
 2. --- indicates assembly boundaries.
 3. Dc voltages are preceded by "+" or "-".
 4. Dc voltages are measured with a CCUR-501 Dc Differential Voltmeter.
 5. Abbreviations within logic or circuit blocks are as follows:
 AG AND Gate
 FF Flip-Flop
 SW Switch
- Identification within logic blocks is as follows: The first line identifies the logic function symbol on the drawing. The symbols are numbered in general data flow sequence. The second line identifies the major parts associated with the logic function. The third line identifies the assembly containing the logic function.
6. Letters and numbers outside of some logic or circuit blocks indicate transistor elements.
 7. Readout circuits of assemblies A1A12 through A1A19 are identical. Only A1A19 is shown in detail.
 8. Operating control settings:
 POWER switch to TRACK.
 FUNCTION switch to TIME B—C.
 Mode selector switch to SEP.
 9. To corresponding parts on count decade portion of same assembly.
 10. To corresponding parts on count decade portion of assembly A1A19.

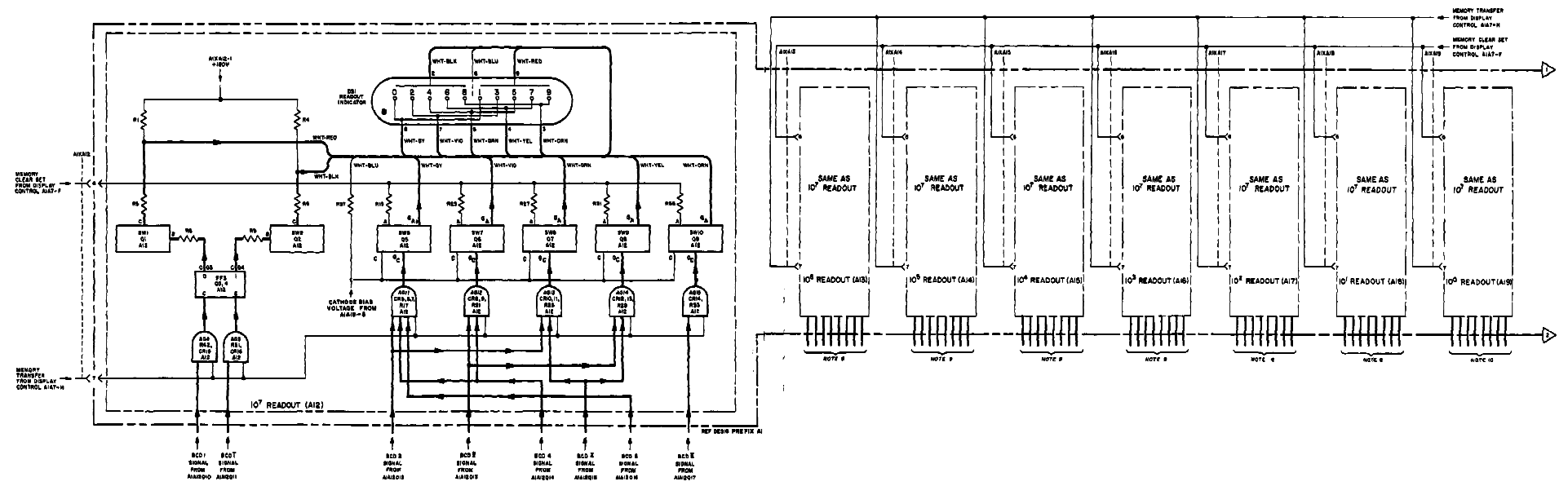


Figure 4-29. Readout, Functional and Servicing Block Diagram (Sheet 1 of 2)

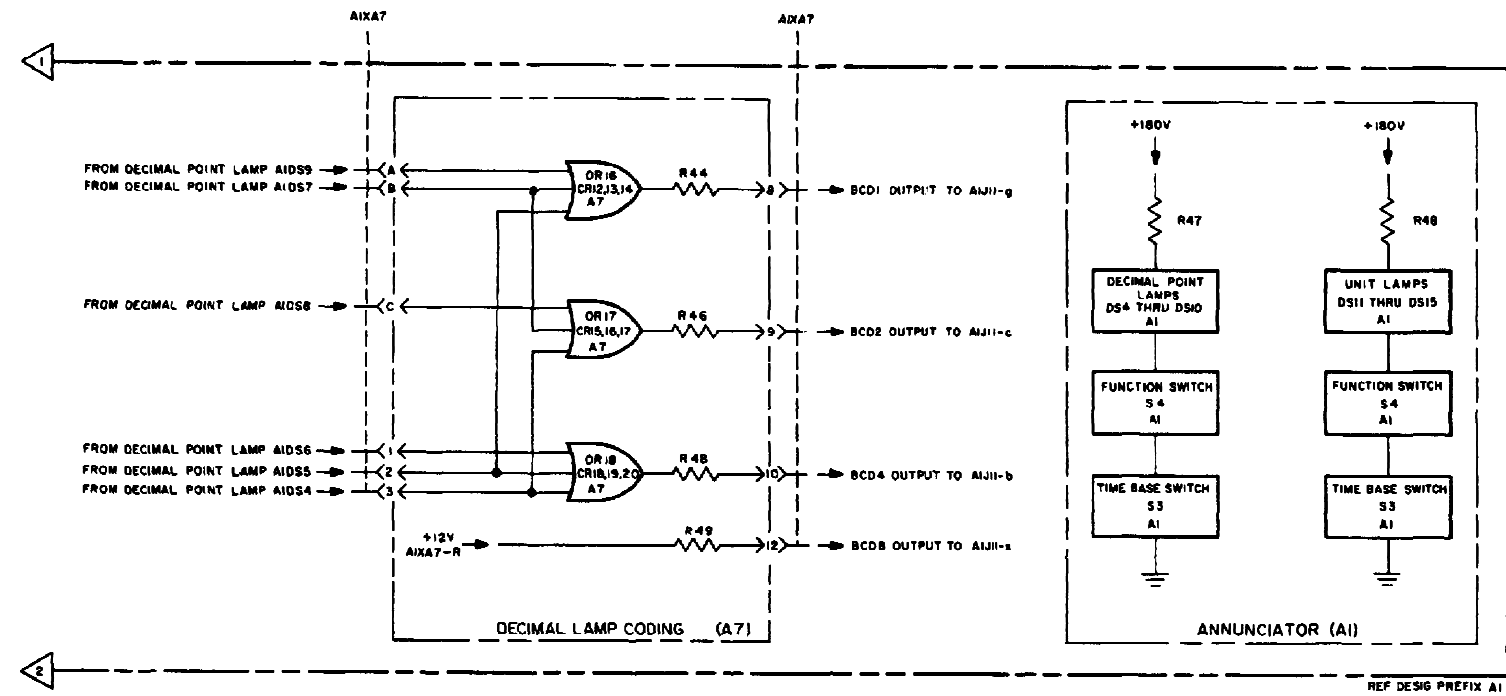


Figure 4-29. Readout, Functional and Servicing Block Diagram (Sheet 2 of 2)

4-16. POWER SUPPLY.

a. POWER SUPPLY FUNCTIONAL DESCRIPTION. - The power supply functional section consists of seven dc supplies. Five of these supplies (+18-volt, +12-volt, +6-volt, -6-volt, and -12-volt) are regulated and two (+180-volt and +45-volt) are unregulated. The majority of the power supply circuits is constructed on printed circuit board A1A1. The power transformer, four rectifier diodes, and eight filter capacitors are mounted on the main chassis. The regulator for the -6-volt supply is constructed on part of printed circuit board A1A10. Figure 4-30 shows the functional relationship of all circuits in the power supply.

The +12-volt regulated supply consists of rectifier A1CR1, A1CR2, regulator A1A1Q1, amplifier A1A1Q2, reference A1A1Q3, and associated circuits. Regulator A1A1Q1 acts as a variable impedance connected between the rectifier and the load, and regulates the load voltage around +12 volts. Regulation is controlled by reference A1A1Q3. It compares a sample of the load voltage against a fixed voltage supplied by diode A1A1CR14, and produces an error voltage proportional to the change in load voltage. This error voltage is amplified in amplifier A1A1Q2 and applied to the base of the regulator, changing the impedance of the regulator. The change in impedance is such that it returns the output voltage to its regulated value. The +12-volt regulated output serves as a stable reference for the other regulated supplies.

The +6-volt regulated supply consists of regulator A1A1Q5, reference A1A1Q4, and associated circuits. It receives its input from the +12-volt supply, and reduces it to +6 volts by dropping the remainder across regulator A1A1Q5. Regulation is controlled by reference A1A1Q4. It compares the load voltage against a portion of the fixed +12 volts, and produces an output proportional to the load voltage variation. This output changes the impedance of regulator A1A1Q5 accordingly, offsetting the initial change in load voltage.

The -12-volt regulated supply consists of rectifier A1CR2, A1CR4, constant current generator A1A1Q6, regulator A1A1Q7, reference A1A1Q8, and associated circuits. Operation of the -12-volt regulated supply is similar to the +12-volt regulated supply.

The -6-volt regulated supply consists of regulator A1A1Q3, voltage reference A1A1Q5, and associated circuits. It is similar in operation to the operation to the +6-volt regulated supply, and derives its output voltage from the -12-volt regulated supply.

The +18-volt regulated supply consists of rectifier A1A1CR9 through A1A1CR12 and associated circuits.

It is essentially a +6-volt supply superimposed on +12 volts. The rectifier produces a potential difference of 6 volts, and its negative side is returned to +12 volts. Since the output is taken from the positive side of the rectifier, this output is 18 volts positive with respect to ground.

b. POWER SUPPLY TROUBLE SHOOTING. - Problems in the power supply function section fall into five categories: (1) no output; (2) high or low output; (3) output voltage does not remain constant as the line voltage is varied $\pm 10\%$ from 115 volts; and (4) a ripple level on the output that is greater than specified. Table 4-18 is a trouble-shooting chart for the power supply. The step-by-step trouble-shooting procedure given is based on the trouble-shooting techniques discussed below.

Since the regulator circuits are interdependent, the first step in trouble shooting is to determine which supply is faulty. Check the +12-volt supply first, since it serves as a reference for the other supplies. Next, check the -12-volt supply, -6-volt supply, +6-volt supply, and the +18-volt supply, in that order. First measure the dc output voltage of the regulator under test, then vary the line voltage $\pm 10\%$ while making the same measurement, to assure that the regulator operates properly with line voltage variations. Next measure the ripple level on the output of the regulator and then vary the line voltage $\pm 10\%$ while repeating the same measurement. These measurements identify the trouble symptom; the trouble can be further localized by following subsequent steps of the trouble-shooting chart.

To better understand the symptom of high-ripple level in the output voltage of a power supply regulator, consider that the complete circuits consist of the dc power source (rectifiers and filter), regulator circuit, and the load. The ripple level across the load is equal to the ripple level across the dc power source minus the ripple level across the series regulator. The ripple level across the series regulator is a function of the dc gain of the regulator amplifier. The ripple level across the dc power source is a function of the line voltage and the filter capacity that follows the rectifiers. An increase in ripple level can be caused by a loss of gain in the regulator amplifier (which would also cause a loss in dc regulation) by a loss of capacity in the input filter (which may not be accompanied by a loss of dc regulation), or by a large undesired increase in load current resulting from a short circuit. Ripple voltage measurement tests are included in the trouble-shooting chart, table 4-18.

c. USEFUL ILLUSTRATIONS. - Illustrations useful in maintaining this functional section are: figures 4-30, 5-39, 5-46, and 5-80.

TABLE 4-18. POWER SUPPLY TROUBLESHOOTING

STEP	ACTION	RESULTS	NEXT STEP
+1 80-VOLT SUPPLY			
1	Set POWER switch to TRACK. Measure dc voltage at test point 1.	Voltage is correct (+180 ±20 volts).	2
		If voltage is incorrect, check A1F1, A1F2, A1T1, A1A1CR1, and A1C7.	
2	Measure ac ripple voltage at test point 1.	Ripple voltage is 8.5 volts peak-to-peak or less.	3
		If ripple voltage is greater than 8.5 volts peak-to-peak, check A1C7.	
+45-VOLT SUPPLY			
3	Measure dc voltage at test point 2.	Voltage is correct (+45 ±5 volts).	4
		If voltage is incorrect, check A1T1, A1A1 CR5, A1A1CR6, A1 A1CR7, A1 A1 CR8, and A1C3.	
4	Measure ac ripple voltage at test point 2.	Ripple voltage is 0.5 volts peak-to-peak or less.	5
		If ripple voltage is greater than 0.5 volts peak-to-peak, check A1 C3.	
+18-VOLT SUPPLY			
5	Measure dc voltage at test point 3.	Voltage is correct (+18 +1.8 volts).	6
		If voltage is incorrect, check +12 volt supply, A1T1, A1A1CR9, A1A1CR10, A1A1CR11, A1A1CR12, and A1C4.	
6	Measure ac ripple voltage at test point 3.	Ripple voltage is 1.8 volts peak-to-peak If ripple voltage is greater than 1.8	
+12-VOLT SUPPLY			
7	Measure dc voltage at test point 4.	Voltage is correct (+12 ±0.2 volts). If voltage is incorrect check A1T1, A1CR1 A1CR3, A1A1Q1, A1A1Q2, A1A1Q3, A1A1Q5,	
8	Measure ac ripple voltage at test point 4.	Ripple voltage is 60 millivolts peak-to-peak or less.	9
		If ripple voltage is greater than 60 millivolts peak-to-peak, check A1 A1Q1, A1A1Q2, A1A1Q3, A1C5, A1C6, and A1A1C6.	

TABLE 4-18. (Continued)

STEP	ACTION	RESULTS	NEXT STEP
+6-VOLT SUPPLY			
9	Measure dc voltage at test point 5.	Voltage is correct (+6 ±0.2 volts).	10
		If voltage is incorrect, check A1A1Q4, A1A1Q5, and A1C9.	
10	Measure ac ripple voltage at test point 5.	Ripple voltage is 40 millivolts peak-to-peak or less.	11
		If ripple voltage is greater than 40 millivolts peak-to-peak, check A1A1Q4, A1A1Q5, and A1C9.	
-12- VOLT SUPPLY			
11	Measure dc voltage at test point 6.	Voltage is correct (-12 ±0.3 volts).	12
		If voltage is incorrect, check + 12 volt supply, A1T1, A1CR2, A1CR4, A1A1Q6, A1A1Q7, A1A1Q8, A1A1CR15, A1A1CR16, A1C2, and A1C8.	
12	Measure ac ripple voltage at test point 6.	Ripple voltage is 60 millivolts peak-to-peak or less.	13
		If ripple voltage is greater than 60 millivolts peak-to-peak, check A1A1Q6, A1A1Q7, A1A1Q8, A1C2, and A1C8.	
-6- VOLT SUPPLY			
13	Measure dc voltage at test point 7 (on A1A10).	Voltage is correct (-5.7 to -7 volts)	14
		If voltage is incorrect, check -12 volt supply, A1A10Q3, A1A10CR5, and A1A10C2.	
14	Measure ac ripple voltage at test point 7.	Ripple voltage is 60 millivolts peak-to-peak If ripple voltage is greater than 60 millivolts	

- NOTES**
1. Primary signal paths weighted. Feedback paths weighted and dashed.
 2. _____ indicates assembly boundaries.
 3. Names of panel controls and connectors are enclosed in boxes.
 4. Do voltages are preceded by "rms" or "vac"; so ripple voltages are followed by VAC and are peak-to-peak maximum.
 5. Do voltages are measured with a CCUH-801 Do Differential Voltmeter.
 6. The letters CW, placed adjacent to the appropriate terminals of potentiometer A1A1R8 indicate the direction of rotation viewed from the shaft end.
 7. Letters and numbers outside of some logic or circuit blocks indicate translator elements.
 8. Operating control setting:
POWER switch to TRACK

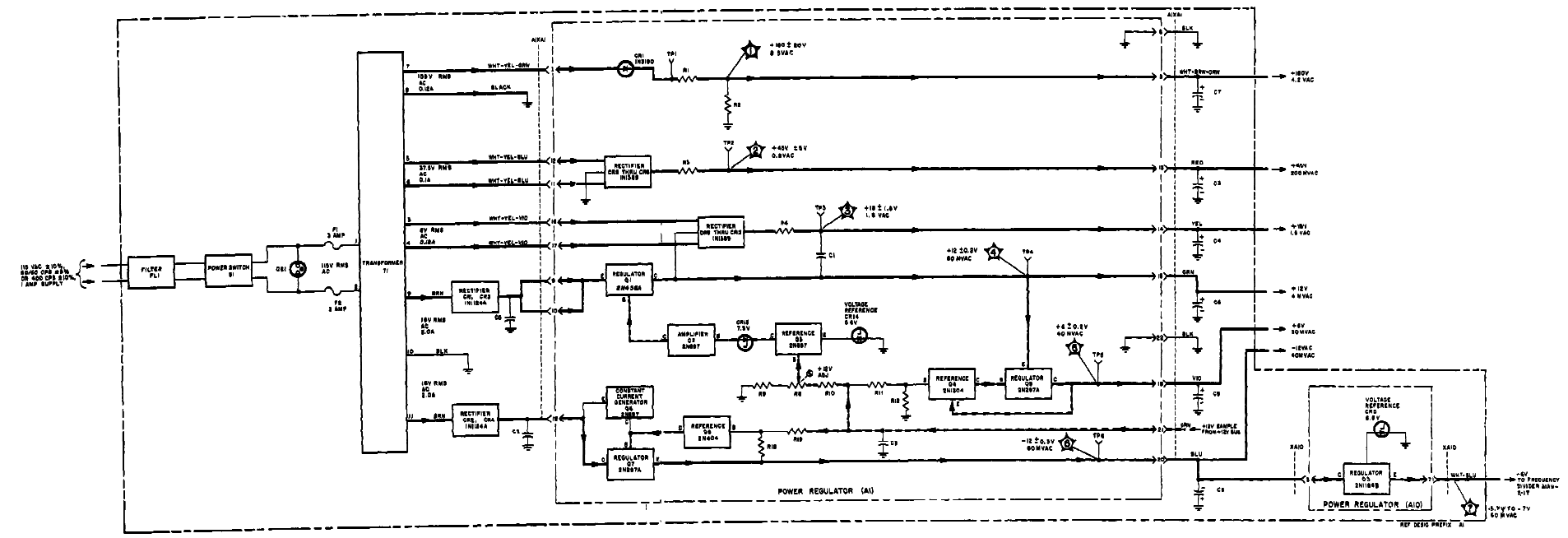


Figure 4-30. Power Supply, Functional and Servicing Block Diagram

SECTION 5

MAINTENANCE

5-1. FAILURE, AND PERFORMANCE AND OPERATIONAL REPORTS.

Note

The Bureau of Ships no longer requires the submission of failure reports for all equipment. Failure Reports and Performance and Operational Reports are to be accomplished for designated equipment (refer to Electronics Installation and Maintenance Book, NAVSHIPS 900,000) only to the extent required by existing directives. All failures shall be reported for those equipments requiring the use of Failure Reports.

5-2. PREVENTIVE MAINTENANCE.

Preventive maintenance consists mainly of cleaning the air filter and inspecting the interior of the counter.

Note

Screws mounted on the outside surfaces of the counter are differentiated by means of a color code; those normally removed prior to maintenance have the color of stainless steel; the others, which are not expected to be removed, are the same color as the instrument.

a. SERVICING THE AIR FILTER. — The air filter is located on the rear panel of the counter. Inspect the air filter bi-weekly and clean as often as necessary. Monthly cleaning is sufficient in normal operating environments; clean it more often when the instrument is used in extremely dusty environment. The procedure is as follows:

- (1) Remove the four screws which secure the filter unit to the rear panel and remove the filter unit.
- (2) Wash the filter unit in warm water and detergent, Specification MIL-D-16791C; then dry it thoroughly.
- (3) Replace the filter unit and secure the four screws. Be sure that it is oriented so that the open sides of the louvers are at the bottom.
- (4) Prepare and maintain a maintenance check-off list for the air filter, using the following format:

WEEK OF	AIR FILTER	
	CLEANING NOT REQUIRED	CLEANED

b. FAN MOTOR. — The fan motor is designed to operate without periodic lubrication.

c. VISUAL INSPECTION. — Inspect the interior of the counter each time it is serviced; more frequently when it is subjected to excessive physical shock or operated in high-temperature environments. The procedure is as follows:

- (1) Set POWER switch to OFF.
- (2) If panel protectors are installed, proceed to step (3). If panel protectors are not installed, remove the 16 pan-head screws on each side and proceed to step (5).
- (3) Remove the left and right protective panels. Each is fastened on by 6 screws.

Note

Do not install these screws temporarily in the mounting holes while the panel protectors are removed.

(4) When the panel protectors are removed, twelve additional screws are exposed on each side. Remove each of these screws.

(5) Remove the 11 screws on top. Note that the two at the front center are flat-head screws, and that the four screws on the right side are shorter than the others.

(6) Set the counter upright with the front facing up and the bottom cover to the front.

(7) Remove the 11 screws on the bottom.

(8) Slide the bottom cover forward and off the counter.

(9) Check that all plug-in printed circuit boards are firmly seated in their sockets.

(10) Check that all readout lamps are intact, firmly seated in their sockets, and secured by the tiedown bracket.

(11) Check for burned or bulging components.

(12) Replace top and bottom covers using the reverse procedure of steps (2) through (7).

5-3. REFERENCE STANDARDS PROCEDURES.

Note

The procedures listed below constitute the minimum number of reference standards which will indicate, when completed, the relative performance of the counter and its plug-in units. The procedures are arranged in groups, each group is associated with a functional section of the counter. The power-supply procedure must be performed first. The remaining tests may be performed in any order without affecting the unity or result of the reference standards.

TABLE 5-1. REFERENCE STANDARDS PROCEDURES

SECTION	ACTION REQUIRED	PROCEDURE STEPS
Power Supply (Table 5-3)	Check dc voltages.	1
	Check ac ripple voltages.	2
Radio Frequency Oscillator (Table 5-4)	Check oscillator power supply.	3
	Check amplitude and frequency of radio-frequency oscillator, output signal.	4
10 mc and 1 mc Multiplier (Table 5-5)	Check amplitude and frequency of the 1-mc standard frequency output, using the internal radio-frequency oscillator as a standard.	5
	Check amplitude and frequency of the 10-mc standard-frequency output, using the internal radio-frequency oscillator as a standard.	6
	Check amplitude and frequency of the 10-mc standard-frequency output, using an external 100-kc standard.	7
Count Decades, Readout, and Cycle Control (Table 5-6)	Check count sequence of count decades, and decoding operation of readout section.	8
	Check cycle control in track mode.	9
	Check cycle control and readout section in store mode.	10
Scaler (Table 5-7)	Check amplitude and frequency of the scaled 10-me test signal.	11
	Check amplitude and frequency of the scaled standard-frequency signal.	12
"A" Amplifier (Table 5-8)	Check sensitivity of "A" amplifier at frequencies between 10 cps and 100 mc.	13 through 22
"B" and "C" Amplifiers (Table 5-9)	Check sensitivity of "B" and "C" amplifiers at frequencies between 5 cps and 1 mc.	23 through 36
	Check that "C" amplifier triggers on negative slope of input signal.	37
	Check that "B" amplifier triggers on negative slope of input signal.	38
Gate Control (Table 5-10)	Check operation of gate control in frequency mode.	39
	Check operation of gate control in manual mode.	40
	Check operation of gate control in period mode.	41
	Check operation of gate control in time-interval mode.	42

TABLE 5-1. (Continued)

SECTION	ACTION REQUIRED	PROCEDURE STEPS
Count Control (Table 5-11)	Check operation of gate control in frequency-ratio mode.	43
	Check operation of count control in frequency mode.	44
	Check operation of count control in manual mode.	45
	Check operation of count control in period mode.	46
	Check operation of count control in frequency-ratio mode.	47
	Check operation of count control in tire-interval mode.	48
Electronic Frequency Converter (Table 5-12)	Check sensitivity of frequency converter at frequencies between 35 mc and 100 mc.	49
	Check sensitivity and operation of frequency converter at frequencies between 100 mc and 500 mc.	50 through 67
	Check sensitivity and operation of frequency converter between frequencies of 500 mc and 550 mc.	68

TABLE 5-2. TEST EQUIPMENT REQUIRED FOR REFERENCE STANDARD PROCEDURES

DESIGNATION	NAME
CCUH-801 or AN/USM-98(*)	Dc Differential Voltmeter or Voltmeter, Electronic
AN/USM-140B or AN/USM-281A	Oscilloscope
CAQI-411A or AN/URM-145	Rf Millivoltmeter or Voltmeter, Electronic
TS-382 C/U or AN/URM-127	Audio Oscillator or Signal Generator
Model 5100B/5110A	Synthesizer (Hewlett-Packard)*
Model 608F or AN/USM-44 ()	Vhf Signal Generator (Hewlett-Packard)*
Model 612A or SG-340/G	Uhf Signal Generator (Hewlett-Packard)*
Type 180A or AN/USM-108A	Time Mark Generator (Tektronix)*
Model 467A	Amplifier (Hewlett-Packard)*

● Or equal.

Note: All tests utilizing Model 5100B/5110A Synthesizer (Hewlett-Packard)*, (Hewlett Packard) are to be performed at Depot Level only.

TABLE 5-3 POWER SUPPLY REFERENCE STANDARDS PROCEDURE

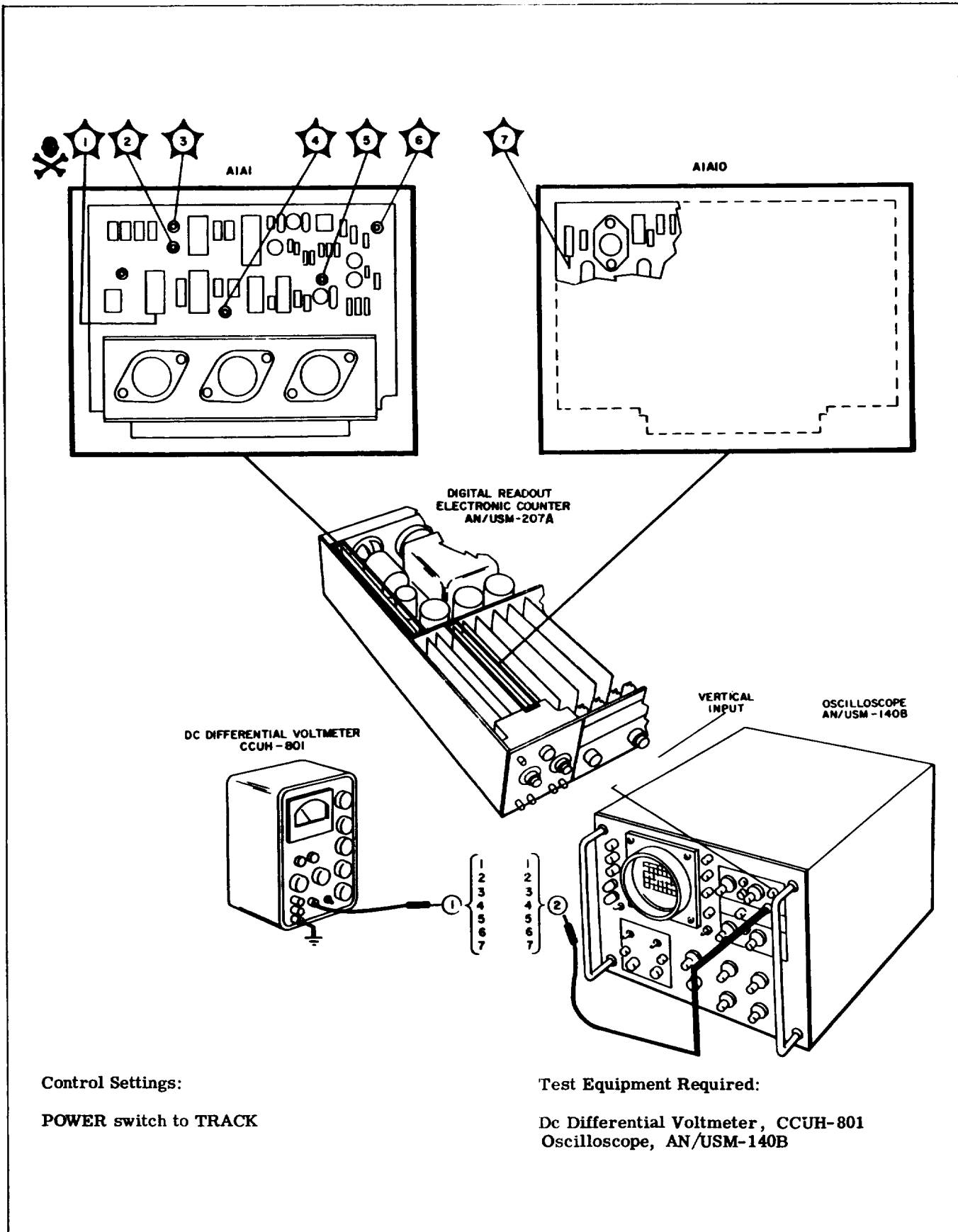


TABLE 5-3. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
1	Check dc voltages.	Voltmeter	Test point 1: + 180 ±20V Test 2: +45 ±5V Test point 3: +18 ±1.8V Test point 4: + 12 ±0. 2V Test point 5: +6 ±0. 2V Test point 6:-12 ±0.3V Test point 7: -5.7 volts to -7 volts
	PROCEDURE: Remove the top cover from the counter. Ground the voltmeter to the counter chassis and measure voltage at test points illustrated.		
2	Check ac ripple voltages.	Oscilloscope	Junction of R1 & R2: 8.5 volts peak-to-peak maximum. Test point 2: 0.5 volts peak- to-peak maximum Test point 3: 1.8 volts peak-to-peak maximum Test point 4: 60mv peak-to-peak maximum Test point 5: 40mv peak-to-peak maximum Test point 6: 60mv peak-to- peak maximum Test point 7: 60mv peak-to-peak maximum
	PROCEDURE: Disconnect the voltmeter and ground the oscilloscope to the counter chassis, Measure voltage at test points illustrated.		

TABLE 5-4. RADIO FREQUENCY OSCILLATOR REFERENCE STANDARD

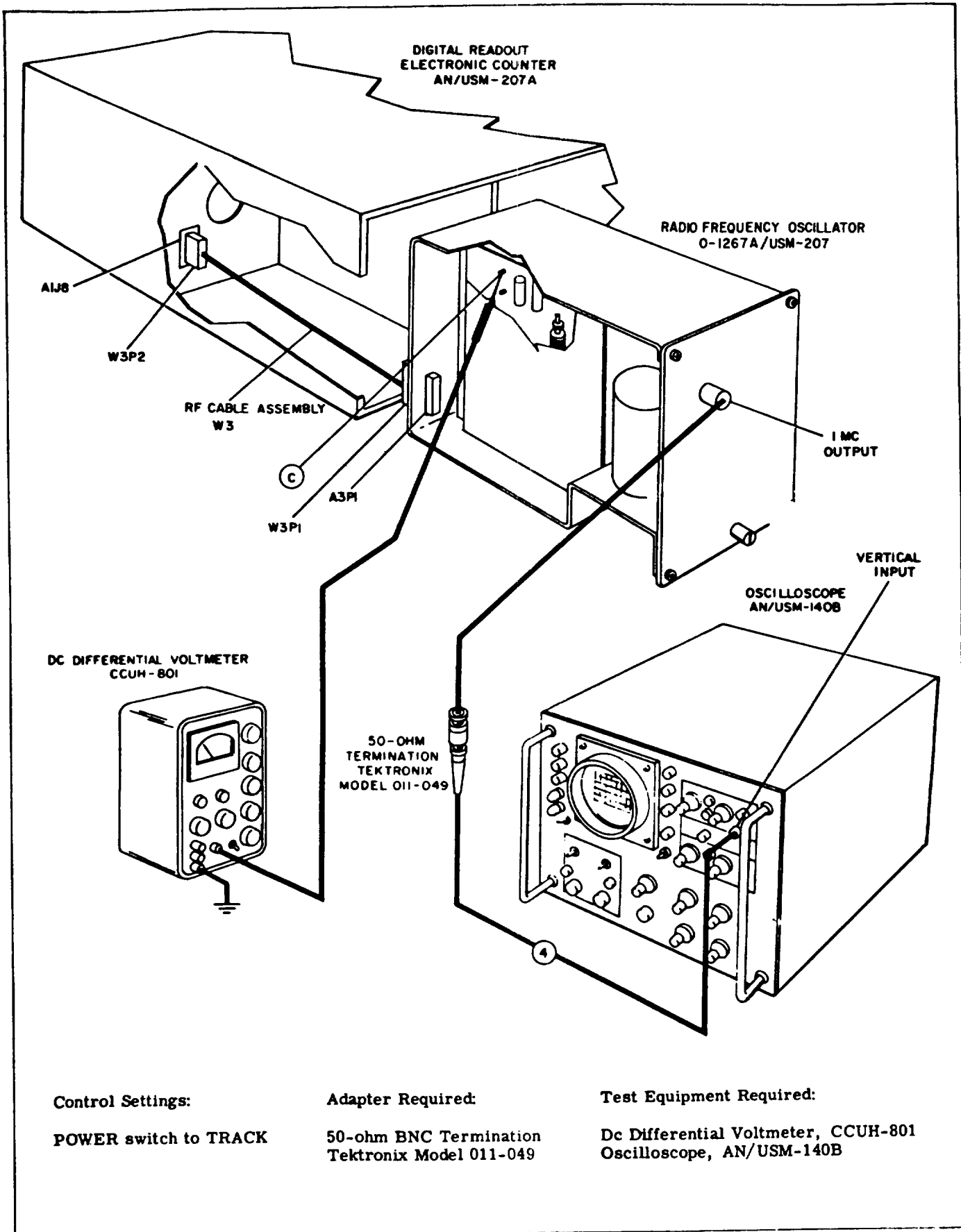


TABLE 5-4. (Continued)

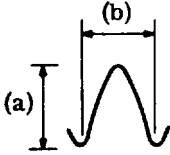
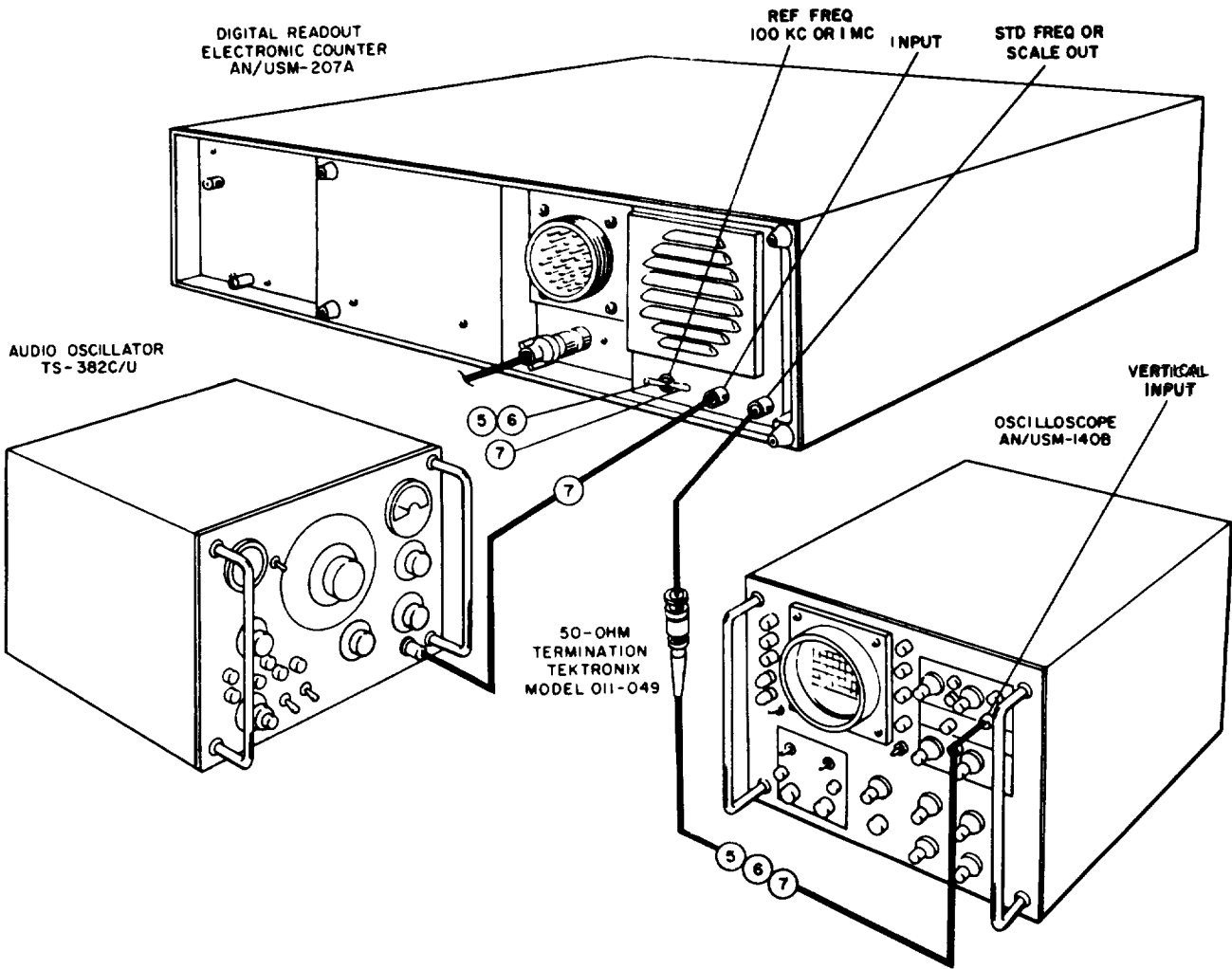
STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
3	Check oscillator power supply.	Voltmeter	+25 volts dc + 10%
<p>PROCEDURE: Ground voltmeter to counter chassis and measure voltage at test point C. To gain access to test point C, remove the oscillator plug-in from the counter then reconnect it by means of the rf cable per paragraph 5-5aa.</p>			
4	Check amplitude and frequency of radio frequency oscillator output signal.	Oscilloscope 	(a) _____ WP (1. 0 minimum) (b) _____ p sec (1)
<p>PROCEDURE: Set oscilloscope controls for a vertical deflection of 2 v/cm, a sweep rate of 1 ps/cm, and internal triggering. Connect 50-ohm termination to the 1 MC OUT connector. Observe output through the 50-ohm termination at the oscilloscope.</p>			

TABLE 5-5. 10 MC and 1 MC MULTIPLIER REFERENCE STANDARDS PROCEDURE



Control Settings:

POWER switch to TRACK
 FUNCTION switch to
 TIME B → C

Adapter Required:

Tektronix Model 011-049
 50 ohm BNC Termination

Test Equipment Required:

Oscilloscope, AN/USM-140B
 Audio Oscillator, TS-382C/U

TABLE 5-5. (Continued)

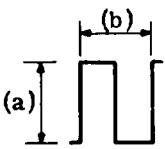
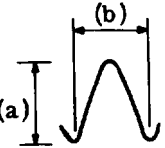
STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
5	Check amplitude and frequency of the 1-me standard frequency output, using the internal radio-frequency oscillator as a standard.	Oscilloscope 	(a) _____ (1.2 to 1.8) vpp (b) _____ (1) μsec
	PROCEDURE: Set the REF FREQ 100 KC OR 1 MC switch to INT. Set the STD FREQ OUT switch to 10 ⁶ . Set the oscilloscope controls for a vertical deflection of 0.5 v/cm, a sweep rate of 1 μs/cm, and internal triggering. Connect 50-ohm termination to the STD FREQ OR SCALE OUT connector, and observe output through the 50-ohm termination at the oscilloscope.		
6	Check amplitude and frequency of the 10-mc standard frequency output, using the internal radio-frequency oscillator as a standard.	Oscilloscope 	(a) _____ VPP (1.2 to 1.8) (b) _____ μsec (0.1)
	PROCEDURE: Set oscilloscope controls for a sweep rate of 0.1 μs/cm. Set STD FREQ OUT switch to 10 ⁷ , and observe output as in step 4.		
7	Check amplitude and frequency of the 10-mc standard frequency output, using an external 100-kc standard.	Oscilloscope	Same as in step 6 above.
	PROCEDURE: Set signal generator controls for a cw output signal of 100 kc with an amplitude of approximately 0.5 volt rms. Connect output of signal generator to the time base INPUT connector. Set REF FREQ 100 KC OR 1 MC switch to EXT, and observe output as in step 5.		

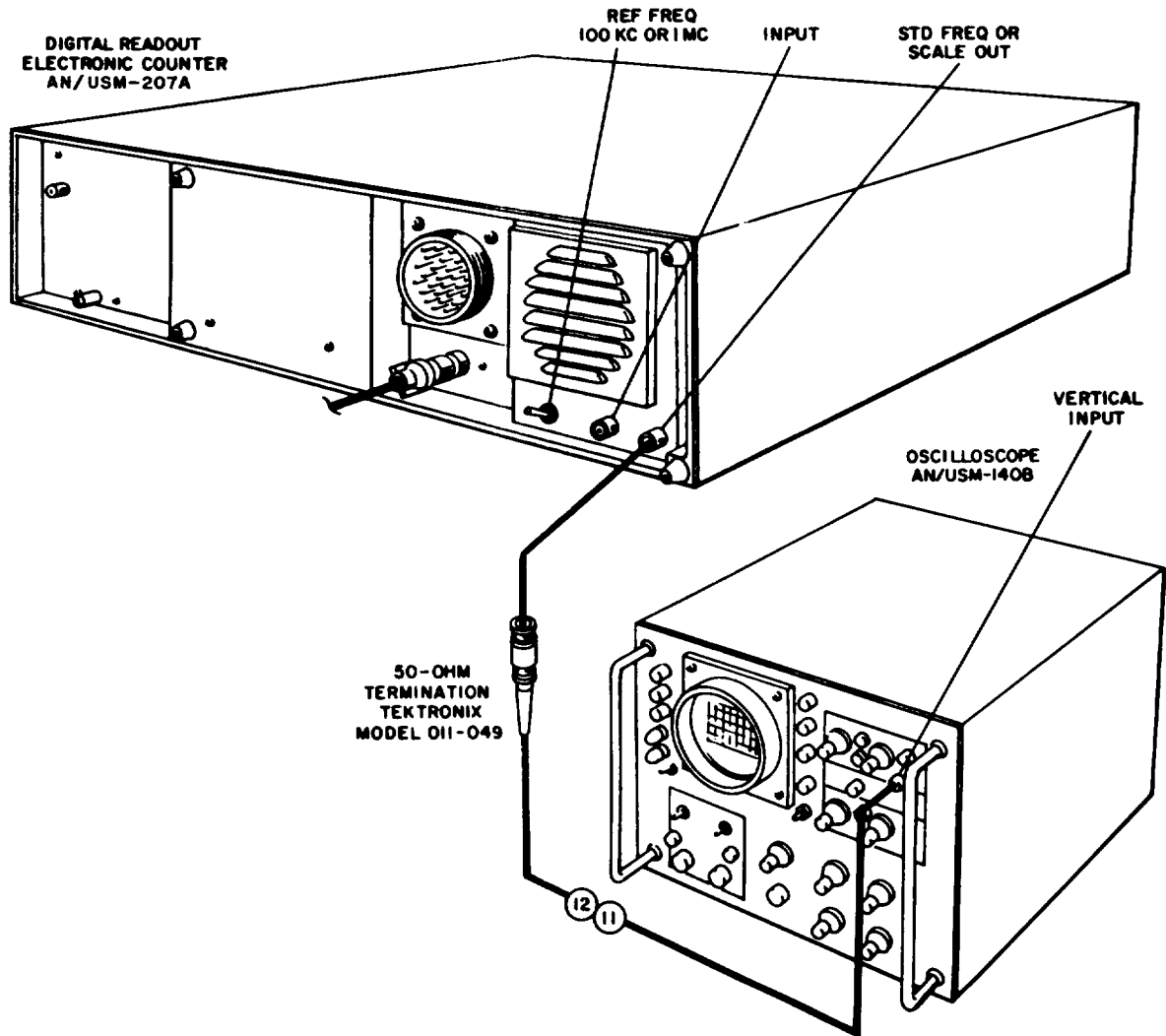
TABLE 5-6. COUNT DECADES, READOUT, AND CYCLE CONTROL REFERENCE STANDARDS PROCEDURE

Control Settings: POWER switch to TRACK FUNCTION switch to TIME B → C PERIOD B x M — 1 Mode selector switch to SEP		Test Equipment Required: None	
STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
8	Check count sequence of count decades, and decoding operation of readout section.	Readout	A. Right digit advances from 0 through 9 in numerical order.
	PROCEDURE: Press RESET switch. Turn B TRIGGER VOLTS control slowly clockwise and then counterclockwise until GATE lamp lights. Set time base switch to the positions shown below, and observe the appropriate readout-digit in each position.		B. Next most-significant digit advances from 0 through 9 in numerical order.

TABLE 5-6. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
8 (Cont)	A. 1. B. 10. C. 10^2 through 10^7 , one position at a time.		C. Remaining six digits advance from 0 through 9 in numerical order.
9	Check cycle control in track mode.	Readout and GATE lamp	GATE lamp goes on for 1 second and goes off for approximately 200 milliseconds, in a continuous cycle. When the DISPLAY control is turned clockwise, GATE lamp off-time increases. While the GATE lamp is on, readout cycles. When the GATE lamp is off readout is stationary at 10000.000+1 count.
	PROCEDURE: Set FUNCTION switch to FREQ. Press RESET switch. Set time base switch to 1. Set SENSITIVITY switch to TEST. Set DISPLAY control fully counterclockwise, then turn approximately 1/4 turn in a clockwise direction.		
10	Check cycle control and readout section in	Readout and GATE lamp	GATE lamp cycles as in step 8. Readout changes only when gate lamp goes out.
	PROCEDURE: Set POWER switch to STORE.		

TABLE 5-7. SCALER REFERENCE STANDARDS PROCEDURE



Control Settings

POWER switch to TRACK
SENSITIVITY switch to
TEST
REF FREQ 100 KC OR 1
MC switch to INT
FUNCTION switch to
SCALE A

Adapter Required

50-ohm BNC termination,
Tektronix Model 011-049

Test Equipment Required:

Oscilloscope, AN/USM-140B

TABLE 5-7. (Continued)

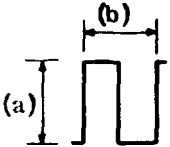
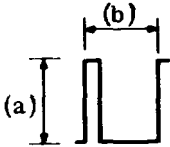
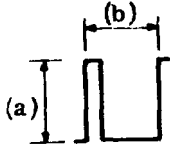
STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
11	Check amplitude and frequency of scaled 10-mc test signal.	Oscilloscope 	A. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (1)}{\text{ } \mu\text{sec}}$
	PROCEDURE: Set oscilloscope controls for a vertical deflection of 0.5 v/cm, a sweep rate of 0.1 $\mu\text{s/cm}$, and internal triggering. Connect the 50-ohm termination at the oscilloscope to the STD FREQ OR SCALE OUT connector. Observe output through the 50-ohm termination. Set time base switch to the positions shown below; reduce sweep rate of oscilloscope progressively, and observe waveform at each position of the time base switch.		B. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (10)}{\text{ } \mu\text{sec}}$ C. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (100)}{\text{ } \mu\text{sec}}$
	A. 10 B. 10^2 C. 10^3 D. 10^4 E. 10^5 F. 10^6 G. 10^7 H. 10^8	Oscilloscope  Oscilloscope 	D. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (1)}{\text{ } \text{msec}}$ E. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (10)}{\text{ } \text{msec}}$ F. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (100)}{\text{ } \text{msec}}$ G. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (1)}{\text{ } \text{sec}}$ H. (a) $\frac{\text{VPP}}{(1.0 \text{ to } 2.0)}$ (b) $\frac{\text{ } (10)}{\text{ } \text{sec}}$
12	Check amplitude and frequency of the scaled standard-frequency signal.	Oscilloscope	A. Same as H in step 11.

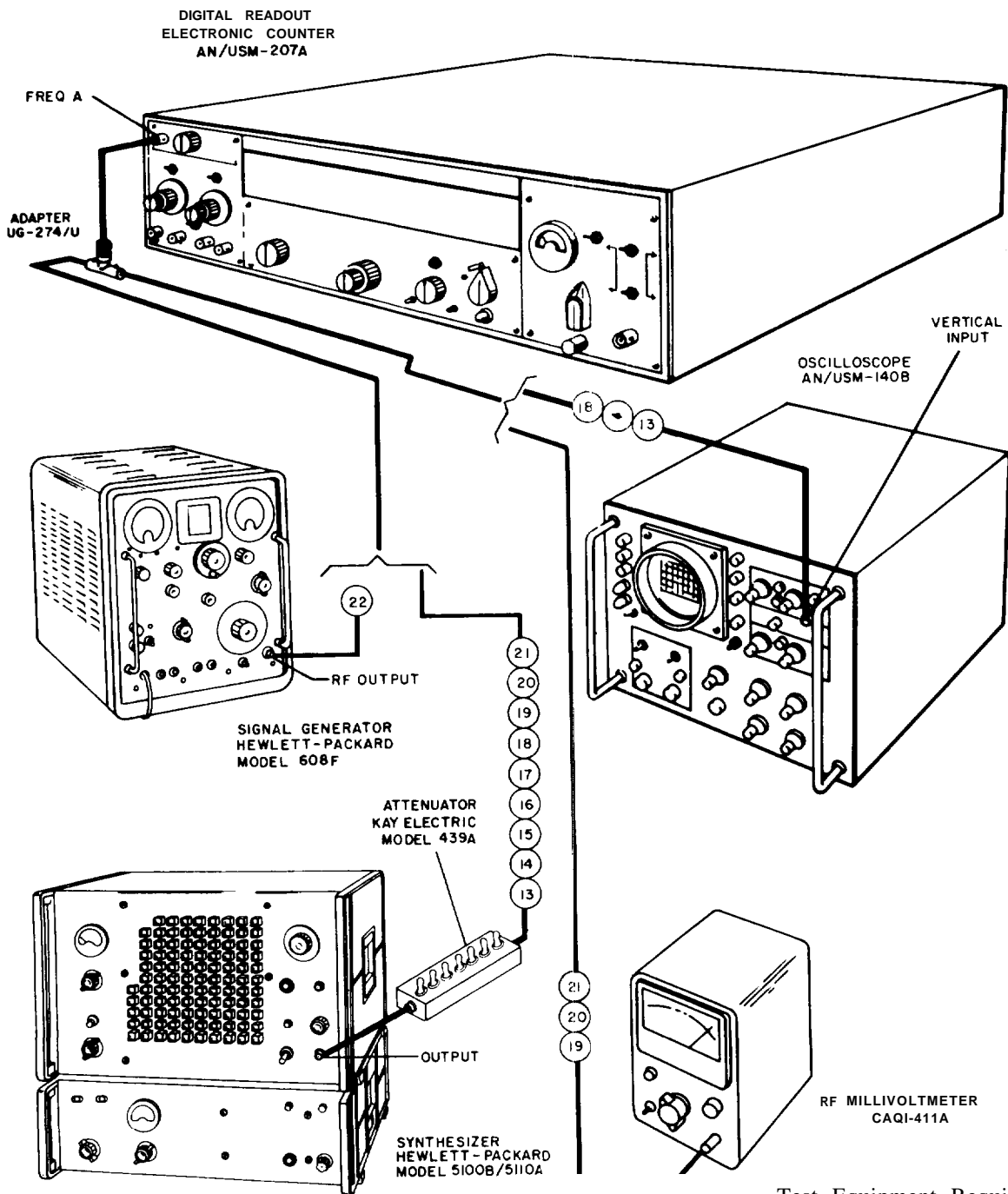
TABLE 5-7. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
(cont)	<p>PROCEDURE: Set FUNCTION switch to TIME B → C. Press RESET switch. Set oscilloscope controls for a sweep rate of 5 sec/cm. Set STD FREQ OUT switch to the positions shown below; increase sweep rate of oscilloscope progressively, and observe waveform at each position of the STD FREQ OUT switch.</p>		<p>B. Same as G in step 11. C. Same as F in step 11. D. Same as E in step 11.</p>
	<p>A. 10^{-1} B. 1 c. 10 D. 10^2 E. 10^3 F. 10^4 G. 10^5 H. 10^6</p>		<p>E. Same as D in step 11. F. Same as C in step 11. G. Same as B in step 11. H. Same as A in step 11.</p>

TABLE 5-8. A AMPLIFIER REFERENCE STANDARDS PROCEDURE

NOTE

The following procedure must be performed with special test equipment not available on board ship.



Control Settings:

- SENSITIVITY switch to .1 V
- FUNCTION switch to FREQ
- POWER switch to TRACK
- DISPLAY control to MIN
- REF FREQ 100 KC OR 1 MC switch to INT

Adapters Required:

UG-274/U

Test Equipment Required:

- Synthesizer, Hewlett-Packard Model 5100B/5110A
- Signal Generator, Hewlett-Packard Model 608F
- Oscilloscope, AN/USM-140B
- RF Millivoltmeter, CAQ1-411A
- Attenuator, Kay Electric Model 439A

TABLE 5-8. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
13	Check sensitivity of "A" amplifier at 10 cps.		
	<p>PROCEDURE: Connect OUTPUT of the synthesizer to the counter Freq A connector. Set synthesizer frequency to 10 cps. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set counter time base switch to 10¹.</p>		0000.0100 KC +0.0001 kc
14	Check sensitivity of "A" amplifier at 100 cps.	Oscilloscope, and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 100 cps. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope.</p>		0000.1000 KC +0.0001 kc
15	Check sensitivity of "A" amplifier at 1 kc.		
	<p>PROCEDURE: Set synthesizer frequency to 1kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope.</p>		0001.0000 KC ±0.0001 kc
16	Check sensitivity of "A" amplifier at 10 kc.	Oscilloscope, and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 10kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope.</p>		0010.0000 KC ±0.0001 kc
17	Check sensitivity of "A" amplifier at 100 kc.	Oscilloscope and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 100kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope.</p>		0100.0000 KC ±0.0001 kc
18	Check sensitivity of "A" amplifier at 1 mc.	Oscilloscope and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 1 mc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set counter time base switch to 10.</p>		001000.00 KC ±0.01 kc
	Check sensitivity of "A" amplifier at 10 mc.	Rf millivoltmeter, and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 10 mc. Set attenuator switches for a 100-millivolt reading on the rf millivoltmeter.</p>		010000.00 KC ±0.01 kc
	Check sensitivity of "A" amplifier at 20 mc.	Rf millivoltmeter and Readout	
	<p>PROCEDURE: Set synthesizer frequency to 20 mc. Set attenuator switches for a 100-millivolt reading on the rf millivoltmeter.</p>		020000.00 KC ±0.01 kc

TABLE 5-8. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
21	Check sensitivity of "A" amplifier at 50 mc.	Rf millivoltmeter and Readout	050000.00 KC ±0.01 kc
	PROCEDURE: Set synthesizer frequency to 50 mc. Set attenuator switches for a 100-millivolt reading on the rf millivoltmeter.		
22	Check sensitivity of "A" amplifier at 100 mc.	Signal Generator and Readout	100000.00 KC ± 10000.00) KC
	PROCEDURE: Connect RF OUTPUT of signal generator to the counter FREQ A connector. Set signal-generator frequency and amplitude to 100 mc, and 100 millivolts rms.		

TABLE 5-9. B AND C AMPLIFIERS REFERENCE STANDARDS PROCEDURE

NOTE

The following procedure must be performed with special test equipment not available on board ship.

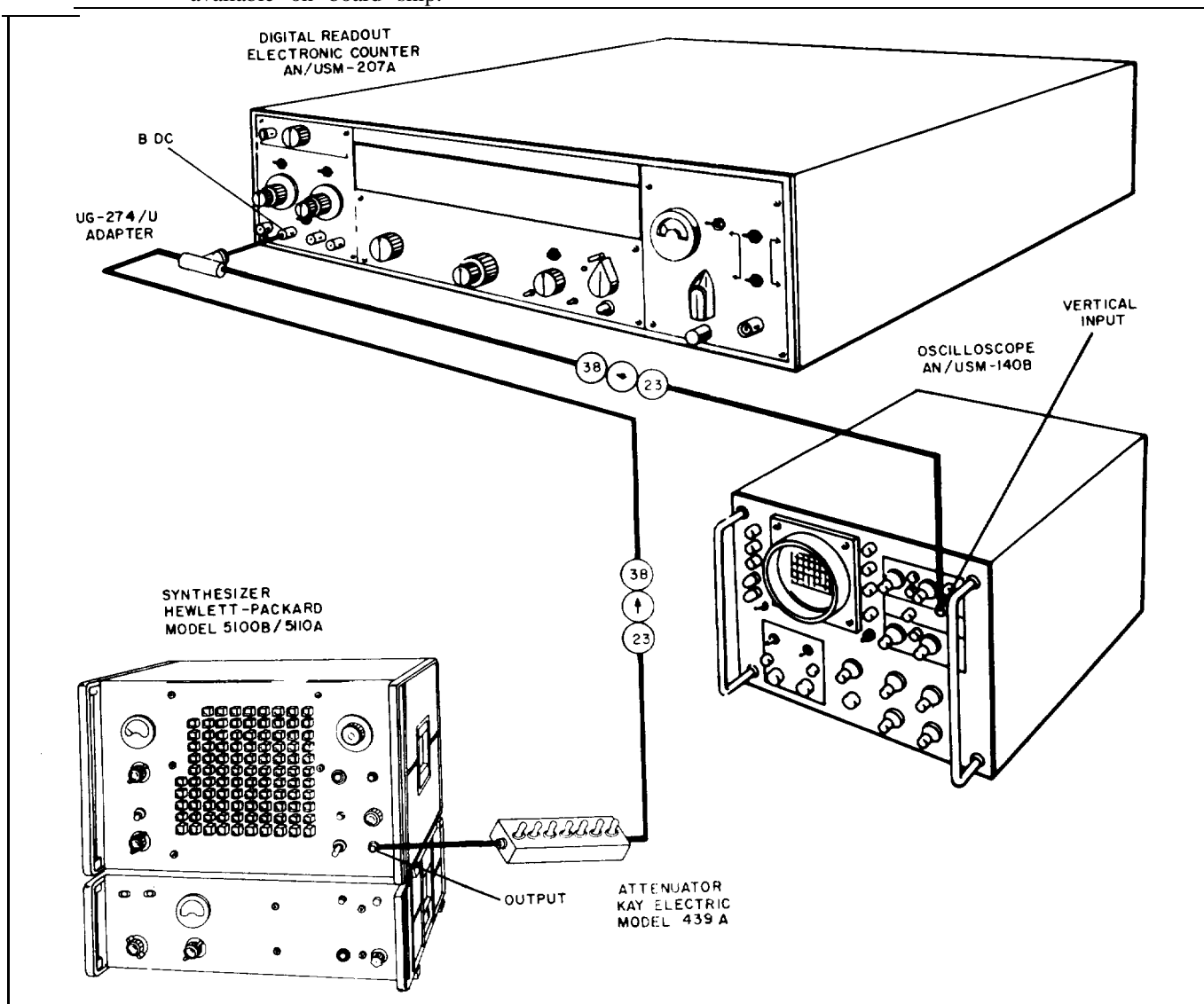


TABLE 5-9. (Continued)

Control Settings:		Adapter Required:	Test Equipment Required:
FUNCTION switch to PERIOD $B \times M^{-1}$ POWER switch to TRACK XSPLAY control to MIN REF FREQ 100 KC OR 1 MC switch to INT Mode selector switch to COM B SLOPE switch to + B MULTIPLIER switch to .1 B TRIGGER VOLTS control to 0 C SLOPE switch to + C MULTIPLIER switch to .1 C TRIGGER VOLTS control to 0 Nine-base switch to 1 SENSITIVITY switch to FREQ C		UC-274/U	Synthesizer, Hewlett-Packard Model 5100B/5110A Oscilloscope, AN/USM-140B Attenuator, Kay Electric Model 439A
STEP No.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
23	Check sensitivity of "B" amplifier at 5 cps.	Oscilloscope, and Readout	00200000. $\mu s \pm 1 \mu s$
	PROCEDURE: Connect OUTPUT of the synthesizer to the counter B DC connector. Set synthesizer frequency to 5 cps. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Press RESET switch.		
24	Check sensitivity of "C" amplifier at 5 cps.	Readout	0000.0050 KC \pm 0.0001 kc
	PROCEDURE: Set FUNCTION switch to FREQ. Set time-base switch to 10 ¹ . Press RESET switch,		
25	Check sensitivity of "B" amplifier at 10 cps.	Oscilloscope and Readout	00100000. $\mu s \pm 1 \mu s$
	PROCEDURE: Set time-base switch to 10 ⁶ . Set synthesizer frequency to 10 cps. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD $B \times M^{-1}$. Press RESET switch.		
26	Check sensitivity of "C" amplifier at 10 cps.	Readout	0000.0100 KC \pm 0.0001 kc
	PROCEDURE: Set FUNCTION SWITCH TO FREQ. Set time-base switch to 10 ⁻¹ . Press RESET switch.		
27	Check sensitivity of "B" amplifier at 100 cps.	Oscilloscope and Readout	00010000. $\mu S \pm 1 \mu s$
	PROCEDURE: Set time-base switch to 10 ⁶ . Set synthesizer frequency to 100 cps. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD $B \times M^{-1}$. Press RESET switch.		
28	Check sensitivity of "C" amplifier at 100 cps.	Readout	0000.1000 KC 0.0001 kc
	PROCEDURE: Set FUNCTION switch to FREQ, Set time-base switch to 10 ¹ . press RESET switch.		
29	Check sensitivity of "B" amplifier at 1 kc.	Oscilloscope and Readout	00001000. $\mu S \pm 1 \mu s$
	PROCEDURE: Set time-base switch to 10 ⁶ . Set synthesizer frequency to 1 kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD $B \times M^{-1}$. Press RESET switch.		

TABLE 5-9. (Continued)

STEP NO.	ACTION REQUIRED	READ indication ON	PERFORMANCE STANDARDS
30	Check sensitivity of "C" amplifier at 1 kc.	Readout	0001.0000 KC ±0.0001 kc
	PROCEDURE: Set FUNCTION switch to FREQ. Set time-base switch to 10 ⁻¹ . Press RESET switch.		
31	Check sensitivity of "B" amplifier at 10 kc.	Oscilloscope and Readout	0000100.0 μs ±0.1 μs
	PROCEDURE: Set time-base switch to 10 ⁶ . Set synthesizer frequency to 10 kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD BxM ¹ . Press RESET switch.		
32	Check sensitivity of "C" amplifier at 10 kc.	Readout	0010.0000 KC ±0.0001 kc
	PROCEDURE: Set FUNCTION switch to FREQ. Set time-base switch to 10 ⁻¹ . Press RESET switch.		
33	Check sensitivity of "B" amplifier at 100 kc.	Oscilloscope and Readout	0000010.0 μs ±0.1 μs
	PROCEDURE: Set time-base switch to 10 ⁷ . Set synthesizer frequency to 100 kc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD BxM ¹ . Press RESET switch.		
34	Check sensitivity of "C" amplifier at 100 kc.	Readout	0100.0000 KC ±.0001 kc
	PROCEDURE: Set FUNCTION switch to FREQ. Set time-base switch to 10 ⁻¹ . Press RESET switch.		
35	Check sensitivity of "B" amplifier at 1 mc.	Oscilloscope and Readout	0000001.0 μs ±0.1 μs
	PROCEDURE: Set time-base switch to 10 ⁷ . Set synthesizer frequency to 1 mc. Set attenuator switches for a 280-millivolt peak-to-peak reading on the oscilloscope. Set FUNCTION switch to PERIOD BxM ¹ . Press RESET switch.		
36	Check sensitivity of "C" amplifier at 1 mc.	Readout	001000.00 KC +0.01 kc
	PROCEDURE: Set FUNCTION switch to FREQ. Set time-base switch to 10. Press RESET switch.		
37	Check that "C" amplifier triggers on negative slope of input signal.	Readout	001000.00 KC ±0.01 kc
	PROCEDURE: Set C SLOPE switch to -. Press RESET switch.		
38	Check that "B" amplifier triggers on negative slope of input signal.	Readout	0000001.0 μs ± 0.1 μs
	PROCEDURE Set time-base switch to 10 ⁷ Set FUNCTION switch to PERIOD BxM ⁻¹ . Set B SLOPE switch to -. Press RESET switch.		

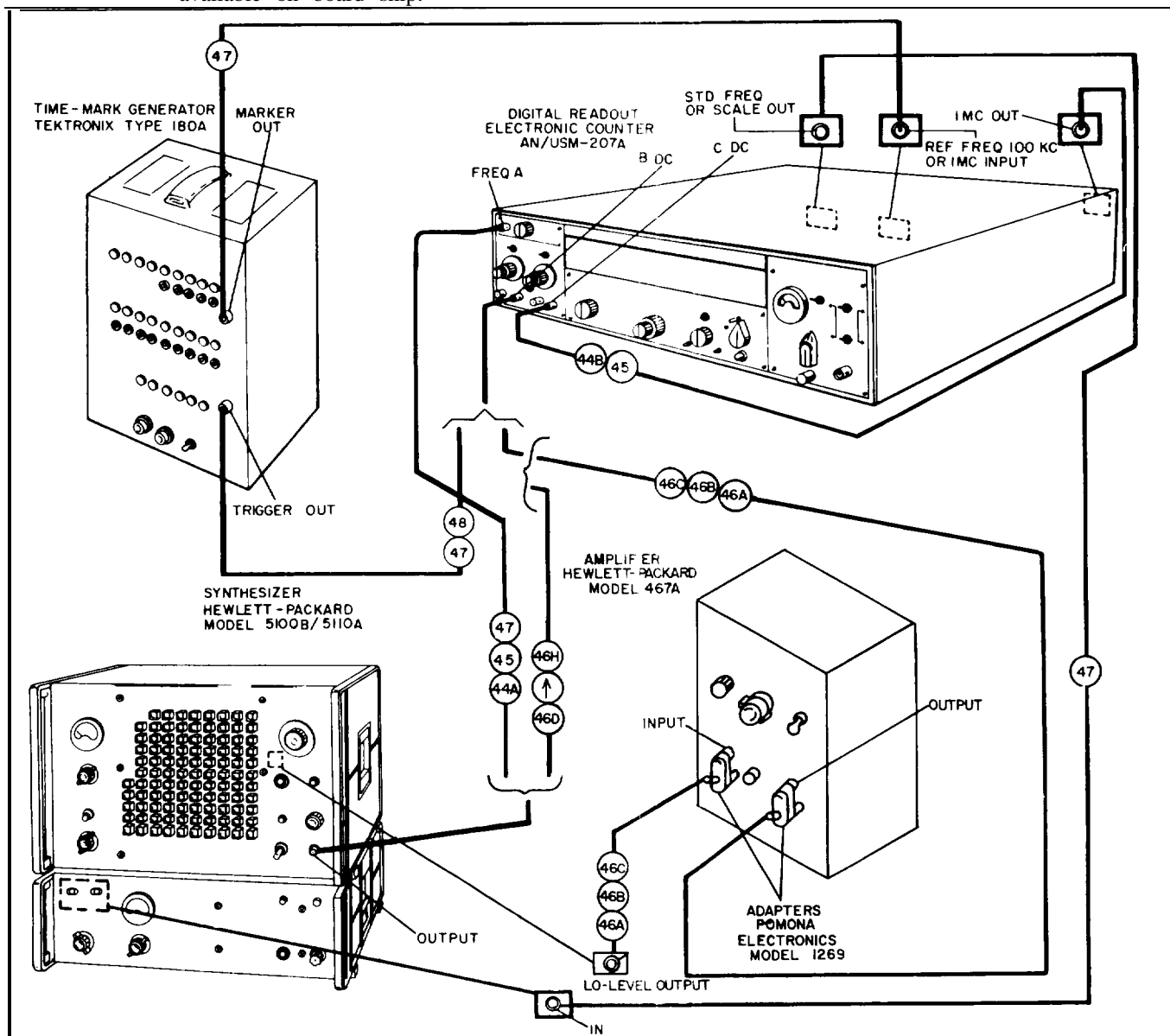
TABLE 5-10. GATE CONTROL REFERENCE STANDARDS PROCEDURE

Control Settings: POWER switch to TRACK FEF FREQ 100 KC OR 1 MC switch to INT DISPLAY control to MLN			Test Equipment Required None
STEP No.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
39	Check operation of gate control in frequency mode.	GATE lamp	GATE lamp cycles on and off in a continuous cycle. On-time is 10 seconds in the 10-1 position, 1 second in the 1 position, and 150 milliseconds in all other positions of the time base switch.
	PROCEDURE: Set FUNCTION switch to FREQ. Press RESET switch. Set SENSITIVITY switch to TEST. Starting at the 10-1 position, turn time-base switch clockwise, one position at a time, through the 10 ⁷ position. Observe action of GATE lamp in each position of the time-base switch.		
40	Check operation of gate control in manual mode.	GATE lamp and digital display.	When the FUNCTION switch is set to START, GATE lamp goes on, and display cycles. When the FUNCTION switch is set to STOP, GATE lamp goes off and display is stationary.
	PROCEDURE: Set FUNCTION switch first to START and then to STOP.		
41	Check operation of gate control in period mode.	GATE lamp	GATE lamp goes on and off, alternately, each time the B TRIGGER VOLTS control is turned in both directions.
	PROCEDURE: Set FUNCTION switch to PERIOD x 1. Press RESET switch. Set B SLOPE switch to +. Turn B TRIGGER VOLTS control slowly clockwise and then counterclockwise, wait approximately 5 to 10 seconds, then turn again clockwise and counterclockwise.		
42	Check operation of gate control in time-interval mode.	GATE lamp	GATE lamp goes on the first time the B TRIGGER VOLTS control is turned in both directions; subsequent turnings of the B TRIGGER VOLTS control do not affect the GATE lamp.
	PROCEDURE: Set FUNCTION switch to TIME B → C. Press RESET switch. Set B and C SLOPE switches to +. Turn B TRIGGER VOLTS control slowly clockwise and then counterclockwise several times in succession. Next, turn the C TRIGGER VOLTS control slowly clockwise and then counterclockwise several times in succession.		GATE lamp goes off the first time the C TRIGGER VOLTS control is turned in both directions; subsequent turnings of the C TRIGGER VOLTS control do not affect the GATE lamp.
43	Check operation of gate control in frequency-ratio mode.	GATE lamp	As in step 41.
	PROCEDURE: Set time base switch to RATIO A/B x M. Press RESET switch. Set other controls as in step 41.		

TABLE 5-11. COUNT CONTROL REFERENCE STANDARDS PROCEDURE

NOTE

The following procedure must be performed with special test equipment not available on board ship.



Control setting.

- POWER switch to TRACK
- REF FREQ 100 KC OR 1 MC switch to INT
- DISPLAY control to MIN
- Mode selector switch to SEP

Adapter Required:
UG-274/U

Test Equipment Required
 Synthesizer, Hewlett-Packard Model 5100B/5110A
 Oscilloscope, An/USM-140B
 Attenuator, Kay Electric Model 439A
 Time-Mark Generator, Tektronix Type 180A

TABLE 5-11. (Continued)

Control Settings: POWER switch to TRACK REF FREQ100 KCOR 1 MC switch to INT DISPLAY control to MIN Mode selector switch to SEP		Adapters Required: UG-274/U Pomona Electronics Co. Model 1269 (2 required)	Test Equipment Required. Synthesizer, Hewlett-Packard Model 5100B/5110A Amplifier, Hewlett-Packard Model 467A Time-Mark Generator, Tektronix Type 180A																			
STEP No.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS																			
44	Check operation of count control in frequency mode.	Readout	A. 0010.0000 KC ±10. 0001 kc. B. 1000.0000 KC ±10. 0001 kc.																			
	<p>PROCEDURE:</p> <p>A. Set FUNCTION switch to FREQ. Set SENSITIVITY switch to .1 V. Set time-base switch to 10⁻¹. Connect OUTPUT of the synthesizer to the counter FREQ. A connector. Set synthesizer frequency to 10 kc. Press RESET switch. (Do not remove connection to FREQ. A connector after this step.)</p> <p>B. Set SENSITIVITY switch to FRDQ. C. Set C TRIGGER VOLTS Control to 0. Set C MULTIPLIER switch to .1. Connect 1 MC OUT connector of the counter to the C DC connector. Press RESET switch. (Do not remove connection to FREQ. C connector after this step.)</p>																					
45	Check operation of count control in manual mode.	Readout	Display advances numerically at a slow rate when SENSITIVITY switch is set to .1 V, and at a fast rate when the SENSITIVITY switch is set to FREQ. C.																			
	<p>PROCEDURE: Set SENSITIVITY switch to .1 V. Set FUNCTION switch to STOP. Press RESET switch. Set FUNCTION switch to START. While observing digital display, set SENSITIVITY switch alternately to FREQ. C and .1 V.</p>																					
46	Check operation of count control in period mode.	Readout	<p>A. 0200000.0 μS ± 0. 1 μS B. 0100000.0 μS ±0. 1 μS C. 100000.00 μS ±0. 01 μS D. 10000.000 μS ±0.001 μS E. 1000.0000 μS ±0.0001 μS F. 100.00000 μS ±0.00001 μS G. 10.000000 μS ±00. 000001 μS H. 0000001.0 US ±0. 1 μS</p>																			
	<p>PROCEDURE: For steps A, B, and C; Connect LO-LEVEL OUTPUT of the synthesizer to the INPUT of the amplifier. Set the amplifier gain switch to X10. Concnct OUTPUT of the amplifier to the B DC connector. Set B TRIGGER VOLTS control to 0. Set B MULTIPLIER switch to .1. Set time-base switch to 10⁷. For steps D, E, F, G, and H; Concnct the OUTPUT of the synthesizer to the B DC connector. Set synthesizer and counter FUNCTION switches to the positions listed below.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>SYNTHESIZER FREQUENCY</th> <th>FUNCTION SWITCH POSITION</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>5 cps</td> <td>1</td> </tr> <tr> <td>B.</td> <td>10 cps</td> <td>1</td> </tr> <tr> <td>c .</td> <td>10 cps</td> <td>10</td> </tr> <tr> <td>D.</td> <td>100 cps</td> <td>102</td> </tr> <tr> <td>E.</td> <td>1 kc</td> <td>10³</td> </tr> <tr> <td>F.</td> <td>10kc</td> <td>104</td> </tr> </tbody> </table>				SYNTHESIZER FREQUENCY	FUNCTION SWITCH POSITION	A.	5 cps	1	B.	10 cps	1	c .	10 cps	10	D.	100 cps	102	E.	1 kc	10 ³	F.
	SYNTHESIZER FREQUENCY	FUNCTION SWITCH POSITION																				
A.	5 cps	1																				
B.	10 cps	1																				
c .	10 cps	10																				
D.	100 cps	102																				
E.	1 kc	10 ³																				
F.	10kc	104																				

TABLE 5-11. (Continued)

46 (cont)	G. 100 kc H. 1 mc	10 ⁵ 1																			
STEP No.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS																		
47	<p>Check operation of count control in frequency-ratio mode.</p> <p>PROCEDURE: Connect time-mark generator TRIGGER OUT connector to counter B DC connector. Connect counter STD FREQ OR SCALE OUT connector to IN connector on synthesizer. Connect time-mark generator MARKER OUT connector to counter 100 KC OR 1 MC INPUT connector. Set counter REF FREQ 100 C or 1 MC switch to EXT. Set counter STD FREQ OUT switch to 10⁶. Set counter time-base switch to RATIO A/BxM. Set counter SENSITIVITY switch to .1 V. Connect OUTPUT of the synthesizer to counter FREQ. A connector. Set time-mark generator to provide a 1 -kc signal at TRIGGER OUT connector and a 1 -microsecond marker at the MARKER OUT connector. Set synthesizer frequency and counter FUNCTION switch to the values and positions listed below. Press RESET switch prior to each measurement.</p> <table border="1" data-bbox="165 932 1073 1287"> <thead> <tr> <th></th> <th>SYNTHESIZER FREQUENCY</th> <th>FUNCTION SWITCH POSITION</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>50 mc</td> <td>1</td> </tr> <tr> <td>B.</td> <td>2Q mc</td> <td>10</td> </tr> <tr> <td>C.</td> <td>10 mc</td> <td>102</td> </tr> <tr> <td>D.</td> <td>1 mc</td> <td>103</td> </tr> <tr> <td>E.</td> <td>100 kc</td> <td>104</td> </tr> </tbody> </table>		SYNTHESIZER FREQUENCY	FUNCTION SWITCH POSITION	A.	50 mc	1	B.	2Q mc	10	C.	10 mc	102	D.	1 mc	103	E.	100 kc	104	Readout	<p>A. 00050000. ±2 B. 0020000.0 ±0.2 C. 010000.00 ±.02 D. 01000.000 ±0.002 E. 0100.0000 ±0.0002</p>
	SYNTHESIZER FREQUENCY	FUNCTION SWITCH POSITION																			
A.	50 mc	1																			
B.	2Q mc	10																			
C.	10 mc	102																			
D.	1 mc	103																			
E.	100 kc	104																			
48	<p>Check operation of count control in time-interval mode.</p> <p>PROCEDURE Set FUNCTION switch to TIME EC. Set B SLOPE and C SLOPE switches to +. Set B MULTIPLIER and C MULTIPLIER switches to 1. Set B TRIGGER LEVEL control to .3. Set C TRIGGER LEVEL control to +2. Set mode selector switch to COM. Set time-mark generator signal output to 1 cps. Set counter time-base switch to the following positions: Press RESET switch prior to each measurement.</p> <table border="1" data-bbox="165 1596 1073 1915"> <tbody> <tr><td>A.</td><td>1</td></tr> <tr><td>B.</td><td>10</td></tr> <tr><td>C.</td><td>10²</td></tr> <tr><td>D.</td><td>10³</td></tr> <tr><td>E.</td><td>10⁴</td></tr> <tr><td>F.</td><td>10⁵</td></tr> <tr><td>G.</td><td>10⁶</td></tr> <tr><td>H.</td><td>10⁷</td></tr> </tbody> </table>	A.	1	B.	10	C.	10 ²	D.	10 ³	E.	10 ⁴	F.	10 ⁵	G.	10 ⁶	H.	10 ⁷	Readout	<p>A. 00000001. SEC ±1 sec B. 0000001.0 SEC ±0.1 sec C. 000001.00 SEC ±0.01 sec D. 00001000. MS ±1 ms E. 0001000.0 MS ±0.1 ms F. 001000.00 MS ±0.01 ms G. 01 000000 μS ±1 μS H. 1000000.0 μS ±0.1 μS</p>		
A.	1																				
B.	10																				
C.	10 ²																				
D.	10 ³																				
E.	10 ⁴																				
F.	10 ⁵																				
G.	10 ⁶																				
H.	10 ⁷																				

TABLE 5-12. ELECTRONIC FREQUENCY CONVERTER REFERENCE STANDARDS PROCEDURE

NOTE

The following procedure must be performed with special test equipment not available on board ship.

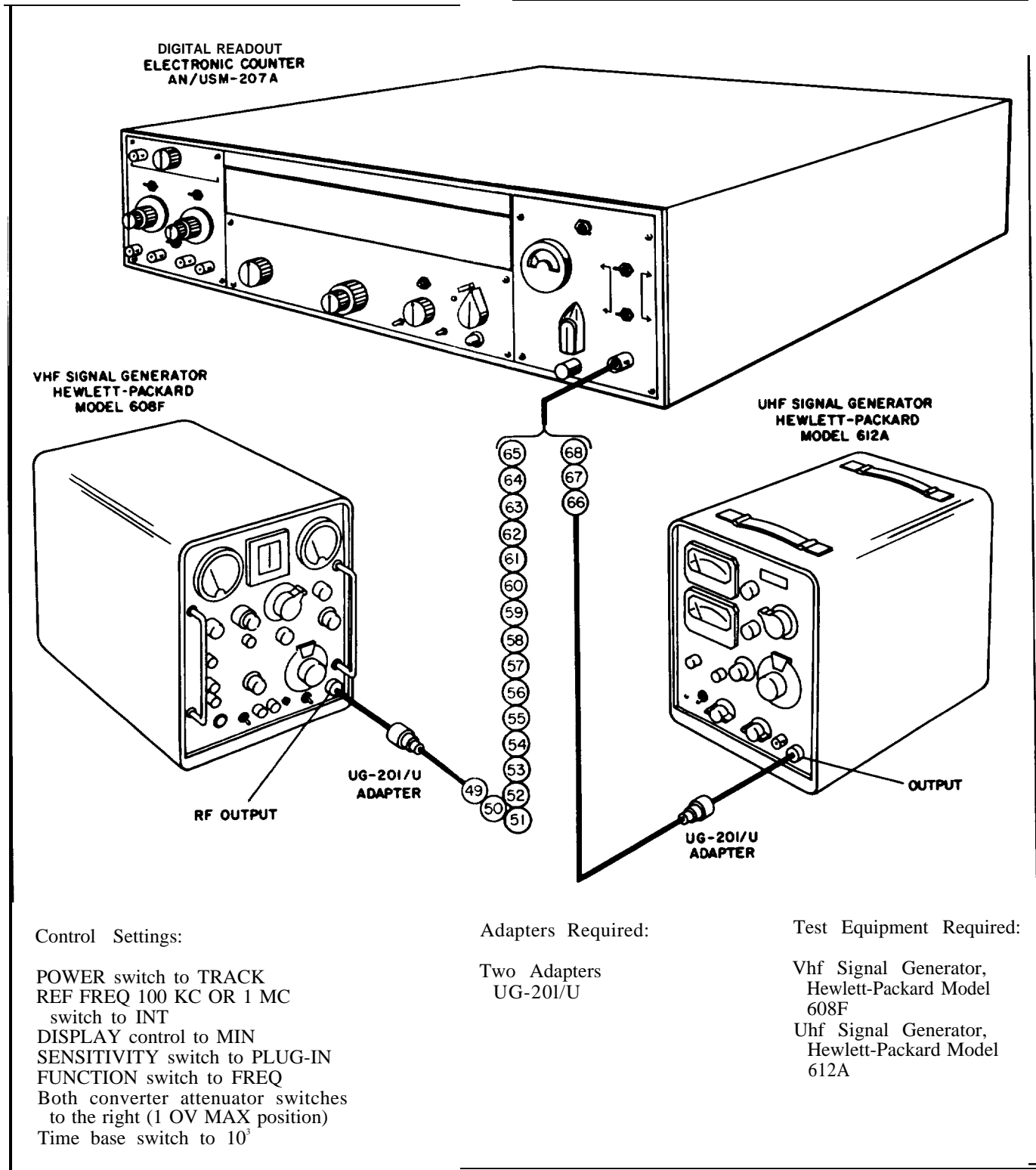


TABLE 5-12. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE* STANDARDS
49	Check sensitivity of the frequency converter at frequencies between 35 mc and 100 mc.	LEVEL METER and digital display	Digital display is: A. 00035000. KC ± 1 kc B. 00050000. KC ± 1 kc C. 00075000. KC ± 1 kc D. 00100000. KC ± 1 kc LEVEL METER in all cases reads in the green zone.
	PROCEDURE: Press RESET switch. Set DIRECT-HETERODYNE switch to DIRECT. Connect output of vhf signal generator to the converter INPUT connector. Set level control and attenuation control of the vhf signal generator fully counterclockwise. Set output frequency of vhf signal generator to approximately 50 mc. Adjust level control and attenuation control of vhf signal generator for a 10-millivolt output. Set both converter attenuator switches to the left (0. IV MAX position). Set output frequency of vhf signal generator as shown below. For each output frequency, readjust level control for a 10-millivolt output. A. 35 mc B. 50 mc c. 75 mc D. 100 mc		
50	Check sensitivity and operation of frequency converter at 85 mc.	LEVEL METER and digital display	Digital display is: 00015000. KC ± 1 kc LEVEL METER reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 85 mc. Adjust level control of the vhf signal generator for a 10-millivolt output. Set both converter attenuator switches to the left. Set the FREQUENCY TUNING-MC switch to 100, and the DIRECT-HETERODYNE switch to HETERODYNE.		
51	Check sensitivity and operation of frequency converter at 101 mc.	LEVEL METER and digital display	Digital display is: 00049000. KC ± 1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 101 mc, and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to 150.		
52	Check sensitivity and operation of frequency converter at 150 mc.	LEVEL METER and readout	Digital display in both cases is: 00050000. KC ± 1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 150 mc, and adjust output level for 10 millivolts. Set FREQUENCY TUNTING-MC switch to the positions shown below: A. 100 B. 200		
53	Check sensitivity and operation of frequency converter at 194 mc.	LEVEL METER and readout	Digital display is: A. 00044000. KC ± 1 kc
	PROCEDURE: Set output frequency of vhf signal generator to 194 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-Mc switch to the positions shown below:		

*Numerical display-values, as listed, represent those obtain under ideal conditions. Actual values depend on the dial accuracy of the signal generator.

TABLE 5-12. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE* STANDARDS
53 (cent)	A. 150 B. 200		B. 00006000. KC 1 1 kc LEVEL METER in both cases reads in the green zone.
54	Check sensitivity and operation of frequency converter at 196 mc.	LEVEL METER and digital display.	Digital display is: A. 00046000. KC *1 kc B. 00054000. KC *1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 196 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 150 B. 250		
55	Check sensitivity and operation of frequency converter at 210 mc.	LEVEL METER and readout	Digital display is: A. 00010000. KC 1 kc B. 00040000. KC ±1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 210 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 200 B. 250		
56	Check sensitivity and operation of frequency converter at 245 mc.	LEVEL METER and readout	Digital display is: A. 00045000. KC ± kc B. 00005000. KC 1 1 kc C. 00055000. KC ±1 kc LEVEL METER in all three cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 245 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 200 B. 250 c. 300		
57	Check sensitivity and operation of frequency converter at 250 mc.	LEVEL METER and readout	Digital display in both cases is: 00050000. KC ±1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 250 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 200 B. 300		

*Numerical display-values, as listed, represent those obtained under ideal conditions. Actual values depend on the dial accuracy of the signal generator.

TABLE 5-12. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE* STANDARDS
58	Check sensitivity and operation of frequency converter at 304 mc.	LEVEL METER and readout	Digital display is: A. 00054000. KC ± 1 kc B. 00046000. KC ± 1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 304 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 250 B. 350		
59	Check sensitivity and operation of frequency converter at 306 mc.	LEVEL METER and readout.	Digital display is: A. 00056000. KC ± 1 kc B. 00006000. KC \pm kc C. 00044000. KC 11 kc LEVEL METER in all three cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 306 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 250 B. 300 c. 350		
60	Check sensitivity and operation of frequency converter at 350 mc.	LEVEL METER and readout	Digital display in both cases is: 00050000. KC ± 1 kc LEVEL METER in both cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 350 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 300 B. 400		
61	Check sensitivity and operation of frequency converter at 395 mc.	LEVEL METER and readout	Digital display is: A. 00045000. KC \pm kc B. 00005000. KC ± 1 kc C. 00055000. KC ± 1 kc LEVEL METER in all three cases reads in the green zone.
	PROCEDURE: Set output frequency of vhf signal generator to 395 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below: A. 350 B. 400 c. 450		
62	Check sensitivity and operation of frequency converter at 396 mc.	LEVEL METER and readout	Digital display is: A. 00046000. KC ± 1 kc

*Numerical display-values, as listed, represent those obtained under ideal conditions. Actual values depend on the dial accuracy of the signal generator.

TABLE 5-12. (Continued)

STEP No.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE STANDARDS
62 (cont)	<p>PROCEDURE: Set output frequency of vhf signal generator to 396 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below:</p> <p>A. 350</p> <p>B. 450</p>		<p>B. 00054000. KC *1 kc</p> <p>LEVEL METER in both cases reads in the green zone.</p>
63	<p>Check sensitivity and operation of frequency converter at 404 mc.</p> <hr/> <p>PROCEDURE: As in step 62, with output frequency of vhf signal generator set to 404 mc.</p>	<p>LEVEL METER and readout</p>	<p>Digital display is:</p> <p>A. 00054000. KC ±1 kc</p> <p>B. 00046000. KC ±1 kc</p> <p>LEVEL METER in both cases reads in the green zone.</p>
64	<p>Check sensitivity and operation of frequency converter at 405 mc.</p> <hr/> <p>PROCEDURE: Set output frequency of vhf signal generator to 405mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below:</p> <p>A. 350</p> <p>B. 400</p> <p>c. 450</p>	<p>LEVEL METER and readout.</p>	<p>Digital display is:</p> <p>A. 00055000. KC *1 kc</p> <p>B. 00005000. KC *1 kc</p> <p>C. 00045000. KC *1 kc</p> <p>LEVEL METER in all three cases reads in the green zone.</p>
65	<p>Check sensitivity and operation of frequency converter at 450 mc.</p> <hr/> <p>PROCEDURE: Set output frequency of vhf signal generator for 450 mc and adjust output level for 10 millivolts. Set FREQUENCY TUNING-MC switch to the positions shown below:</p> <p>A. 400</p> <p>B. 500</p>	<p>LEVEL METER and readout</p>	<p>Digital display in both cases is:</p> <p>00050000. KC+ 1 kc</p> <p>LEVEL METER in both cases reads in the green zone.</p>
66	<p>Check sensitivity and operation of frequency converter at 494 mc.</p> <hr/> <p>PROCEDURE: Replace vhf signal generator with uhf signal generator and connect its output to the converter INPUT connector. Set level control and attenuation control of uhf signal generator fully counter-clockwise. Set output frequency of uhf signal generator to 494 mc. Adjust level control and attenuation control of unf signal generator for a 10-millivolt output. Set FREQUENCY TUNING-MC switch to the positions shown below:</p>	<p>LEVEL METER and readout</p>	<p>Digital display is:</p> <p>A. 00044000. KC 11 kc</p> <p>B. 00006000. KC *1 kc</p> <p>LEVEL METER in both cases reads in the green zone.</p>

*Numerical display-values, as listed, represent those obtained under ideal conditions. Actual values depend on the dial-accuracy of the signal generator.

TABLE 5-12. (Continued)

STEP NO.	ACTION REQUIRED	READ INDICATION ON	PERFORMANCE* STANDARDS
66 (cent)	A. 450 B. 500		
67	Check sensitivity and operation of frequency converter at 500 m c.	LEVEL METER and readout	LEVEL METER reads in the green zone, and digital display is 00050000. KC \pm 1 kc.
	PROCEDURE: As in step 59, with the output frequency of uhf signal generator set to 500, and with the FREQUENCY TUNING-MC switch set to 450 only.		
68	Check sensitivity and operation of frequency converter at frequencies between 500 mc and 550 mc.	LEVEL METER and readout	Digital display is: A. 00006000. KC \pm 1 kc B. 00011000. KC \pm kc. C. 00050000. KC \pm kc LEVEL METER in all three cases reads in the green zone.
	PROCEDURE: Set FREQUENCY TUNING-MC to 500. Set both converter attenuator switches to the left. Set output of the uhf signal generator to the frequencies shown below. At each frequency, readjust the output level control of the uhf signal generator for 10 millivolts. A. 506 mc. B. 511 mc. C. 550 mc.		

*Numerical display-values, as listed, represent those obtained under ideal conditions. Actual values depend on the dial-accuracy of the signal generator.

TABLE 5-13. COUNTER CONTROL SETTINGS

CONTROL	SETTING	CONTROL	SETTING
POWER switch (A1S1)	STORE	B TRIGGER VOLTS control (A1A22R33)	0
DISPLAY control (A1R1)	MIN (fully counterclockwise)	C TRIGGER VOLTS control (A1A23R46)	0
FUNCTION switch (A1S4)	FREQ	B SLOPE switch (A1S10)	+
Time base switch (A1S3)	10°	C SLOPE switch (A1S12)	+
SENSITIVITY switch (A1A21S7)	TEST	B MULTIPLIER switch (A1A22S8)	.1
REF FREQ 100 KC OR 1 MC switch (A1S13)	INT	C MULTIPLIER (A1A23S11)	.1
Mode selector switch (A1S9)	SEP		

5.4 TUNING ADJUSTMENT.

a. REMOVING THE TOP COVER. — To perform adjustments on the counter, it is first necessary to remove the top cover as described in paragraph 5-2c.

b. CONTROL SETTINGS. — Unless instructed otherwise, perform all adjustment procedures with the counter-controls set to the-positions shown in table 5-13.

c. EXTENDING PRINTED- CIRCUIT BOARDS. —

In order to gain access to all adjustments, test points and parts, certain printed-circuit boards must be extended. For this purpose, a printer-circuit board extender is supplied. When extended, all parts of the printed-circuit boards are exposed while electrical connection is maintained. Refer to figure 5-1 and proceed as follows:

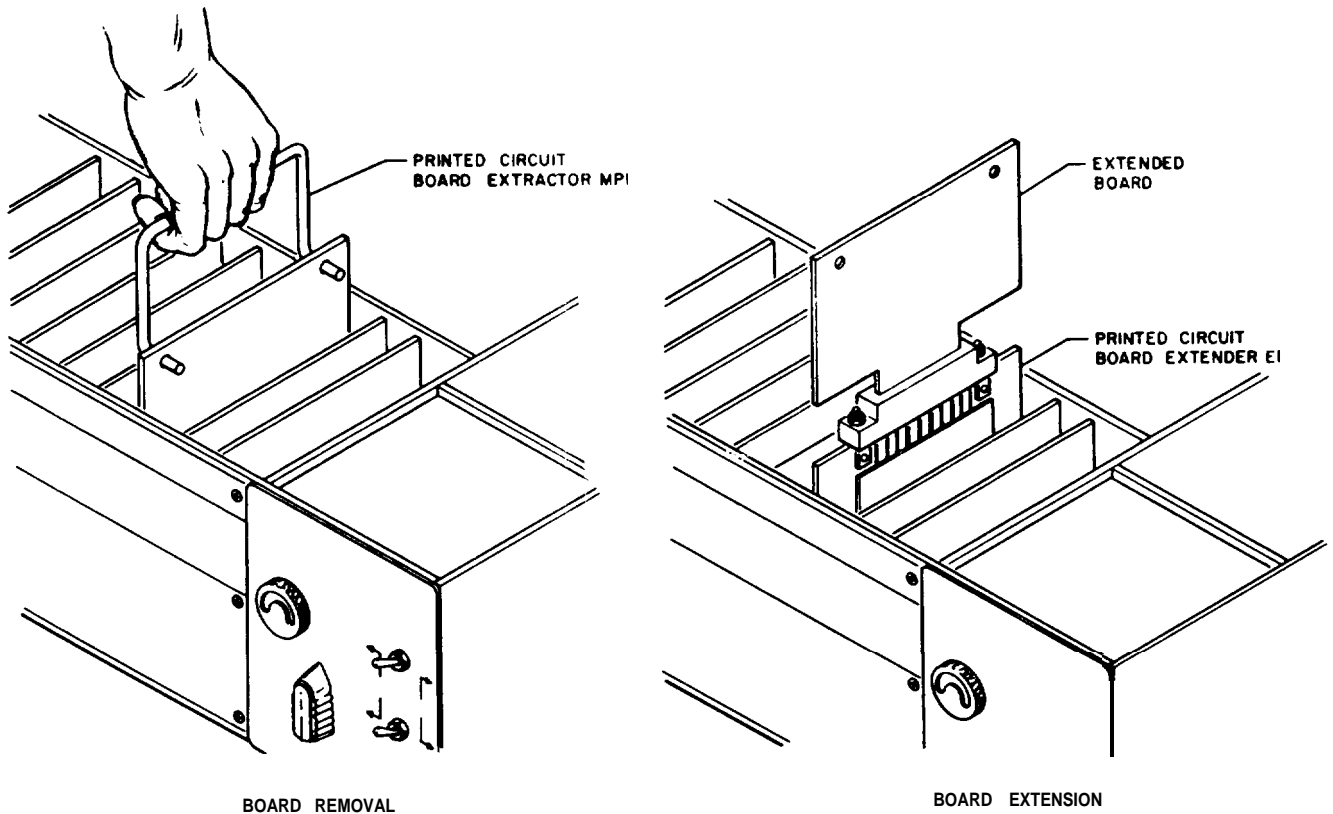


Figure 5-1. Printed Circuit Board Removal and Extension

- (1) Set POWER switch to OFF.

CAUTION

Do not install circuit board into or remove circuit board from extender until 5 seconds after POWER switch is set to STBY or OFF.

Note

If the printed-circuit board contains a readout indicator, it is first necessary to remove the tie-down bracket A1MP23, which secures these printed-circuit boards. The tie-down bracket is fastened by the two screws, one at each end.

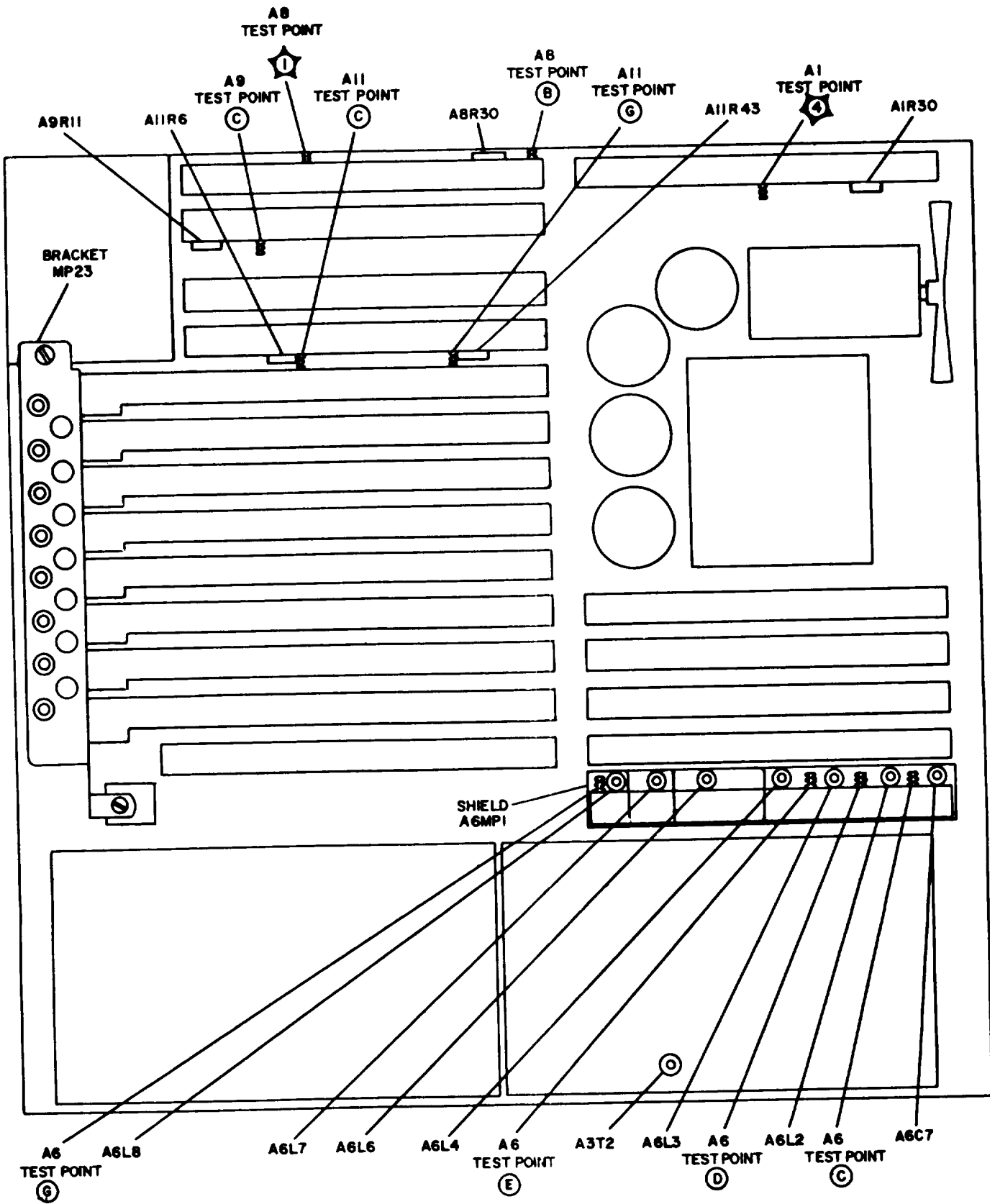
- (2) Insert board-extractor hooks into the two holes at the top of the printed-circuit board to be extended.
- (3) Note orientation of the printed-circuit board.
- (4) Grasp the board-extractor handle firmly and pull up with a slow, even pressure.
- (5) Insert the printed-circuit board extender into the empty socket.
- (6) Insert the printed-circuit board into the socket on top of the printed-circuit board extender. Be sure it is oriented as noted in step (3).

- (7) Set POWER switch to TRACK or STORE and make adjustment procedure as required.
- (8) After the adjustment procedure has been completed, set POWER switch to OFF.
- (9) Remove the printed-circuit board from the extended socket.
- (10) Remove the printed-circuit-board extender.
- (11) Orient the printed-circuit board as noted in step (3); it is keyed with its socket and can be inserted only when oriented the correct way.
- (12) Insert the replacement board evenly within each guide channel, then push down with a slow, even pressure until it is seated firmly in its socket.
- (13) Replace tie-down bracket if it was removed following step (1).

d. POWER SUPPLY REGULATOR A1A1 ADJUSTMENT. — The power supply regulator adjustment and test points are shown on figures 4-30, 5-2, 5-39, and 5-46.

WARNING

Regulated voltages as high as 180 volts which are dangerous to life may be encountered in the following procedure. Use extreme caution and follow the instructions carefully.



REF DESIG PREFIX AI
EXCEPT FOR A3T2

Figure 5-2. Counter Top View, Location of Adjustments and Test Points

Note

The following procedure must be performed with special test equipment not available on board ship

(1) TEST EQUIPMENT.

(a) Dc Differential Voltmeter, CCUH - 801.

(b) Watt meter, Hickcock Model 900C, or Triplett Model 661 with a minimum range of 0 to 200 watts and 0 to 150 volts.

(c) Transformer, Variable Output, Superior Model 3PN116 or equivalent, with an input voltage of 115 rms $\pm 10\%$, a voltage-calibrated dial and output voltage adjustable from 0V to 135 volt rms, a current rating of 5 amperes or greater and a three-terminal output receptacle.

(2) TEST SETUP.

(a) Insert power plug of transformer into a 115-volt power source, and set power switch of transformer to on.

(b) Insert power plug of wattmeter into the output receptacle of the transformer, and set transformer output voltage for approximately 115 volts.

(c) Insert power plug of counter into the output receptacle of the wattmeter, and adjust transformer output control for an exact reading of 115 volts on the watt meter voltage-scale.

(3) INSTRUCTIONS.

(a) Set voltmeter RANGE switch to 50 and monitor test point 4.

(b) Adjust A1A1R8 to obtain an exact reading of +12 volts dc at test point 4.

FREQUENCY MULTIPLIER A1A6 Adjustment. - The frequency multiplier A1A6 adjustments and test points are shown on figures 4-10, 5-2, and 5-42.

Note

The following procedure must be performed with special test equipment not available on board ship.

(1) TEST EQUIPMENT AND REFERENCE INPUT.

(a) Oscilloscope, AN/USM-140B.

(b) External frequency standard, AN/URQ-9 or AN/URQ-10.

(c) Uhf Signal Generator, Hewlett - Packard Model 612A or equivalent, with a 4-millivolt, 460-mc output.

(2) INSTRUCTIONS

(a) Extend A1A6 per paragraph 5-4C.

(b) Set time base switch to 10^6 .

(c) Set REF FREQ 100 KC OR 1 MC switch to EXT.

(d) Connect the 100-kc output of the external reference standard to the time base INPUT receptacle.

(e) Set oscilloscope controls for a vertical deflection of 5 v/cm, for a sweep rate of 1 ins/cm, and for internal triggering.

(f) Connect oscilloscope ground lead to the counter chassis.

(g) While monitoring the test points with the oscilloscope probe, perform the adjustments listed in table 5-14. When necessary, change the oscilloscope control settings to obtain an optimum trace. When properly adjusted, the tuning slugs of A1A6L2, A1A6L3 and A1A6L4 extend approximately 1/4 inch from the top of the coil form, and the tuning slugs of A1A6L6, A1A6L7, and A1A6L8 extend approximately 1/2 inch from the top of the coil form.

(h) Set REF FREQ 100 KC OR 1 MC switch to INT.

(i) Turn the time base switch from 10^6 to 1 in a counterclockwise direction, and observe the readout at each position. Readout should be as indicated in table 3-4.

(j) If readout is not as indicated in table 3-4, repeat the procedure of table 5-14.

(k) Replace A1A6 per paragraph 5-4c.

Note

The following steps apply only when the converter is installed.

(l) Set SENSITIVITY switch to PLUG IN.

(m) Set FUNCTION switch to FREQ.

(n) Set both converter attenuator switches to the right (10 V MAX position).

(o) Connect the uhf-signal-generator output to the converter INPUT connector with a UG-201/U adapter

(p) Set the uhf-signal-generator output to a frequency of 460 mc at a level of 4 millivolts.

(q) Connect the oscilloscope between test point 1 of A1A8 (figure 5-2) and ground.

(r) Set the oscilloscope sweep time to 20 μ sec/cm, and set the oscilloscope controls for external triggering.

(s) Set STD FREQ OUT switch on counter to 10.

(t) With a UG-201/U adapter, connect the STD FREQ OR SCALE OUT connector on the counter to the sweep input connector on the oscilloscope.

(u) Set both converter attenuator switches to the left.

(v) Set converter FREQUENCY TUNING-MC switch to 450.

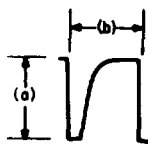
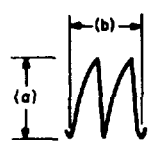
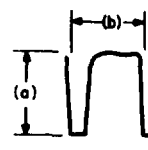
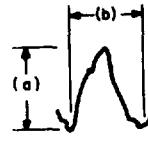
(w) A cw signal should appear on the oscilloscope with some amplitude modulation. This modulation can have both 1-mc and 2-mc components. Adjust A1A6L6 (figure 5-2) slightly until the 2-me component has a minimum amplitude. Adjust both A1A6L7 and A1A6L6 slightly until the 1-me component has a minimum amplitude. Tuning of A1A6L6 and A1A6L7 should not be more than one turn from the position set in step g above.

(x) Set the REF FREQ 100 KC OR 1 MC switch to EXT.

(y) The oscilloscope display may have a 100-kc amplitude modulation. Slightly adjust A1A6L7 to minimize the amplitude of this modulation.

(z) The oscilloscope display may have a 500-kc amplitude modulation. Slightly adjust A1A6L8 to minimize the amplitude of this modulation.

TABLE 5-14. FREQUENCY MULTIPLIER A1A6 ADJUSTMENTS

MONITOR TEST POINT	ADJUST	CORRECT TRACE
c	A1A6C7	 <p>(a) _____ v_{pp} (10)</p> <p>(b) _____ μsec (2)</p>
D	A1A6L2	 <p>(a) _____ v_{pp} (12)</p> <p>(b) _____ μsec (1)</p>
E	A1A6L3 and A1A6L4, alternately	 <p>(a) _____ v_{pp} (3)</p> <p>(b) _____ μsec (1)</p>
G	A1A6L6, A1A6L7, and A1A6L8, alternately	 <p>(a) _____ v_{pp} (3)</p> <p>(b) _____ μsec (0.1)</p>

f. AMPLIFIER-ELECTRONIC GATE A1A8 ADJUSTMENT. — The af-rf amplifier A1A8 adjustment and test point are shown on figure 4-17, 5-2, and 5-44.

(1) TEST EQUIPMENT.

- (a) Oscilloscope, AN/USM-140B
- (b) Audio oscillator, TS-382C/U.

(2) INSTRUCTIONS.

- (a) Extend A1A8 per paragraph 5-4c.
- (b) Set audio oscillator controls for a 10-kc, 0, 3-volt-rms output, and connect output signal to the FREQ A receptacle.
- (c) Set oscilloscope controls for a vertical deflection of 5 v/cm, for a sweep rate of 10 m s/cm, and for internal triggering.
- (d) Set counter SENSITIVITY switch to .1 v.
- (e) Connect oscilloscope ground lead to the counter chassis, and connect oscilloscope-probe to test point B.

(f) While observing waveform on oscilloscope, adjust A1A8R30 until the positive and negative halves of the waveform are of the same width (50% duty cycle).

(g) Replace A1A8 per paragraph 5-4c.

g. FREQUENCY DIVIDER A1A9 ADJUSTMENT.

— The frequency divider test point and adjustment are shown in figures 4-24, 5-2, and 5-45.

(1) TEST EQUIPMENT. Oscilloscope, AN/USM-140B.

(2) INSTRUCTIONS.

- (a) Set counter SENSITIVITY switch to 100 v.
- (b) Set oscilloscope controls for a vertical deflection of 1 v/cm, for a sweep rate of 1 ms/cm or less, and for internal triggering.
- (c) Adjust oscilloscope trigger level control to obtain a bright horizontal trace.
- (d) Connect oscilloscope ground lead to the counter chassis.

- (e) Connect oscilloscope probe to test point c.
- (f) Turn A1A9R11 fully clockwise.
- (g) Position the trace on the center horizontal grid line.
- (h) Turn A1A9R11 slowly counter clockwise to a point where trace just starts to move up, then back off one-half turn.

(i) Set SENSITIVITY switch to TEST, time base switch to 104, and observe the readout. Readout should be as indicated in table 3-4.

h. AF-RF AMPLIFIER A1A11 ADJUSTMENT. —The AF-RF amplifier A1A11 adjustments and test points are shown in figures 4-8, 4-9, 5-2, and 5-47.

(1) TEST EQUIPMENT.

- (a) Oscilloscope, AN/USM-140B
- (b) Audio Oscillator, TS-382C/U

(2) INSTRUCTIONS.

(a) Set audio oscillator controls for a 10-kc, 0.3-v rms output, and connect output signal to the B AC input connector.

(b) Set oscilloscope controls for a vertical deflection of 2 v/cm, for a sweep rate of 10/ms/cm, and for internal triggering.

(c) Set mode selector switch to COM.

(d) Connect oscilloscope ground lead to the counter chassis, and connect oscilloscope probe to test point C.

(e) While observing waveform on oscilloscope, adjust A1A11R6 until the positive and negative halves of the waveform are of the same width (50% duty cycle).

(f) Transfer oscilloscope probe to test point G and adjust A1A11R43 until the positive and negative halves of the waveform are of the same width.

RADIO FREQUENCY OSCILLATOR A3 , FREQUENCY ADJUSTMENT. - The frequency adjustments of the radio frequency oscillator are accessible when the electronic frequency converter is removed (figure 5-38).

(1) REMOVING THE ELECTRONIC FREQUENCY CONVERTER A1A2.

(a) Loosen the thumbscrew on the bottom center of the converter front panel.

(b) Slide the converter toward the front and out of the counter chassis.

(2) WARMUP. Allow a minimum period of 8 hours for warmup before adjusting the oscillator. Warmup power is delivered to the oscillator when the counter is connected to a 115-volt power source and the counter POWER switch is set to either STBY, TRACK, or STORE.

Note

The following procedure must be performed with special test equipment not available on board Ship.

(3) TEST EQUIPMENT AND FREQUENCY STANDARD.

- (a) Oscilloscope, AN/USM-14013
- (b) Frequency standard, AN/URQ-9 or AN/URQ-10.

(4) TEST SETUP.

(a) Connect frequency standard to the trigger input connector of the oscilloscope.

(b) Connect lead between oscilloscope chassis and frequency standard ground.

(c) Set oscilloscope controls for a vertical deflection of 0.2 v/cm and sweep rate of 1 μsec/cm.

(d) Connect oscilloscope probe to the 1 MC OUT connector of the counter.

(5) INSTRUCTIONS.

(a) Set oscilloscope triggering source switch to external ac, and observe waveform. Waveform will be drifting across the face of the screen.

(b) Loosen the two hold-down screws (figure 5-38).

(c) Adjust COARSE control to obtain minimum waveform drift.

(d) (Deleted.)

(e) Allow approximately 10 seconds for the oscillator to stabilize; then adjust COARSE control to obtain zero drift. If this is not possible, proceed to step (f).

(f) Set FINE control to the center of its tuning range.

(g) Adjust COARSE control to obtain minimum waveform drift.

(h) Adjust the FINE control to obtain zero waveform drift.

(i) Tighten the two hold-down screws.

(j) Replace converter and secure with thumbscrew.

RADIO FREQUENCY OSCILLATOR A3 AMPLITUDE ADJUSTMENT. - The radio frequency oscillator amplitude adjustment A3T2 is shown in figures 4-4 and 5-2.

(1) TEST EQUIPMENT. Oscilloscope; AN/USM-140B

(2) DUMMY LOAD. 50-ohm BNC Termination, Tektronix Model 011-049.

(3) TEST SETUP.

(a) Connect mate-end of 50-ohm termination to the 1 MC OUT connector.

(b) Connect oscilloscope probe to the female-end of the 50-ohm termination.

(c) Set oscilloscope controls to obtain a vertical deflection of 0.5 v/cm and sweep rate of 1 ins/cm.

(4) INSTRUCTIONS.

(a) Set oscilloscope triggering source switch to internal and observe waveform.

(b) Adjust A3T2 for a symmetrical sine-wave with minimum amplitude of 0.5 v rms (2.8 cm vertical deflection).

k. ELECTRONIC FREQUENCY CONVERTER AZ ADJUSTMENT. -

(1) PRELIMINARY TEST SETUP (figure 5-3).

(a) Set POWER switch to OFF.

(b) Loosen the thumbscrew on the bottom center of the converter.

(c) Slide the converter toward the front and out of the counter chassis, and set it on a work bench near the counter.

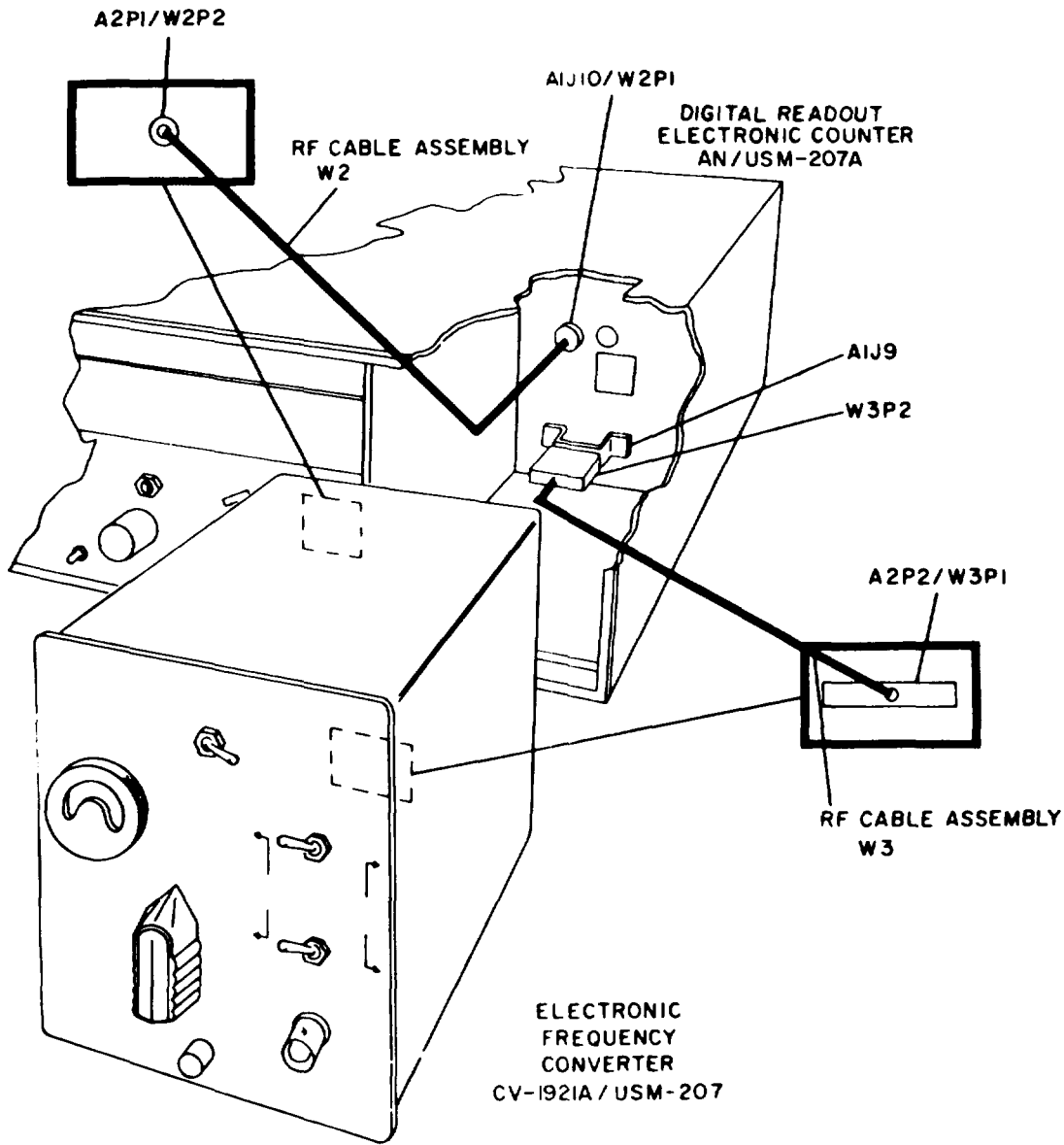


Figure 5-3. Electronic Frequency Converter A2, Preliminary Test Setup

(d) Connect W3P1 connector of rf cable assembly W3 to A2P2 of the converter; connect W3P2 connector of rf cable assembly W3 to AIJ9 of the counter (figures 5-38 and 5-52).

(e) Connect rf cable assembly W2 to A2P1 of the converter; connect the male end to AIJ10 of the counter.

(f) Set POWER switch to STORE.

Note

The following procedures must be performed with special test equipment not available on board ship.

(2) TEST EQUIPMENT.

(a) Uhf Signal Generator, Hewlett Packard Model 612A or equivalent, with a minimum frequency range of 480 mc to 650 mc, and with an adjustable output level.

(b) Vhf Signal Generator, Hewlett Packard Model 608F or equivalent, with a minimum frequency range of 100 mc to 480 mc, and with an adjustable output level.

(c) Rf Millivoltmeter, CAQI-411A.

(d) Oscilloscope, AN/USM-140B anti/or Tektronix Model 585 with Type 82 Plug-in.

(3) TEST ACCESSORIES.

(a) 50-ohm BNC Termination, Tektronix Model 011-049 or equivalent.

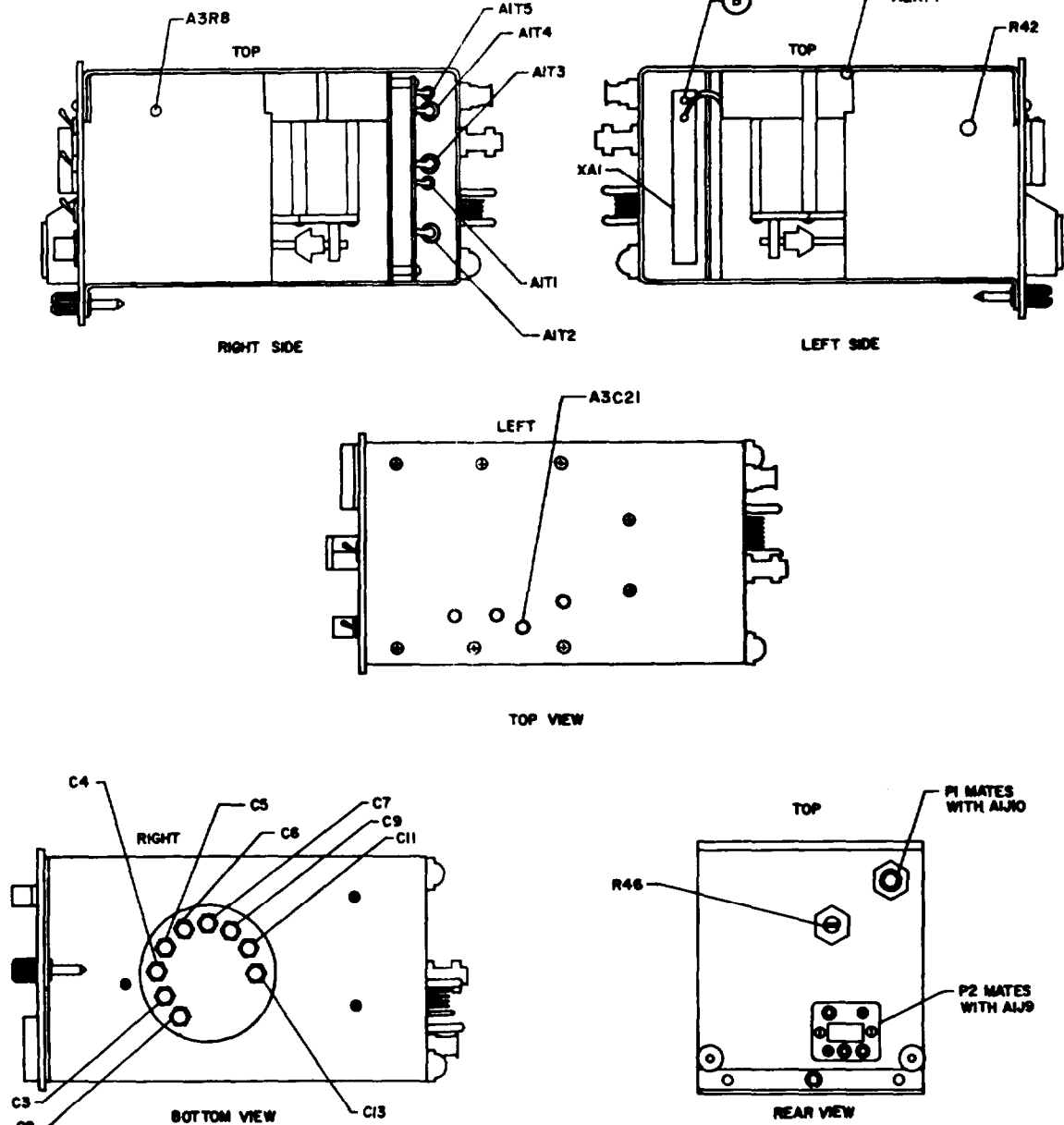


Figure 5-4. Electronic Frequency Converter A2, Locational Adjustments and Test Points

- (b) BNC Probe Adapter, Tektronix Model 013-054 or equivalent.
- (c) Two connector adapters, Type UG-201/U or equivalent.
- (4) INSTRUCTIONS FOR ADJUSTING THE FREQUENCY Multiplier A2A1.
 - (a) Set POWER switch to OFF.
 - (b) Unsolder center conductor of coaxial lead from test point B (figures 4-4 and 5-4).
 - (c) Connect a 51-ohm resistor between test point B and converter ground.
 - (d) Connect test setup as shown in figure 5-5.
 - (e) Set POWER switch to TRACK or STORE.

- (f) Set oscilloscope controls for a vertical deflection of 2 v/cm, a sweep rate of 0.02 m s/cm, and internal triggering. To obtain this sweep time, set variable time/cm switch to .1 and use 5 x magnifier.
- (g) Connect oscilloscope probe to test point B and oscilloscope ground lead to the converter chassis.
- (h) Adjust A2A1T5 (figure 5-4) for a 50-mc sine wave with a maximum amplitude.
- (i) Adjust A2A1T4 for a 50-mc sine wave with a maximum amplitude.
- (j) Adjust A2A1T3 for a 50-mc sine wave with a maximum amplitude.

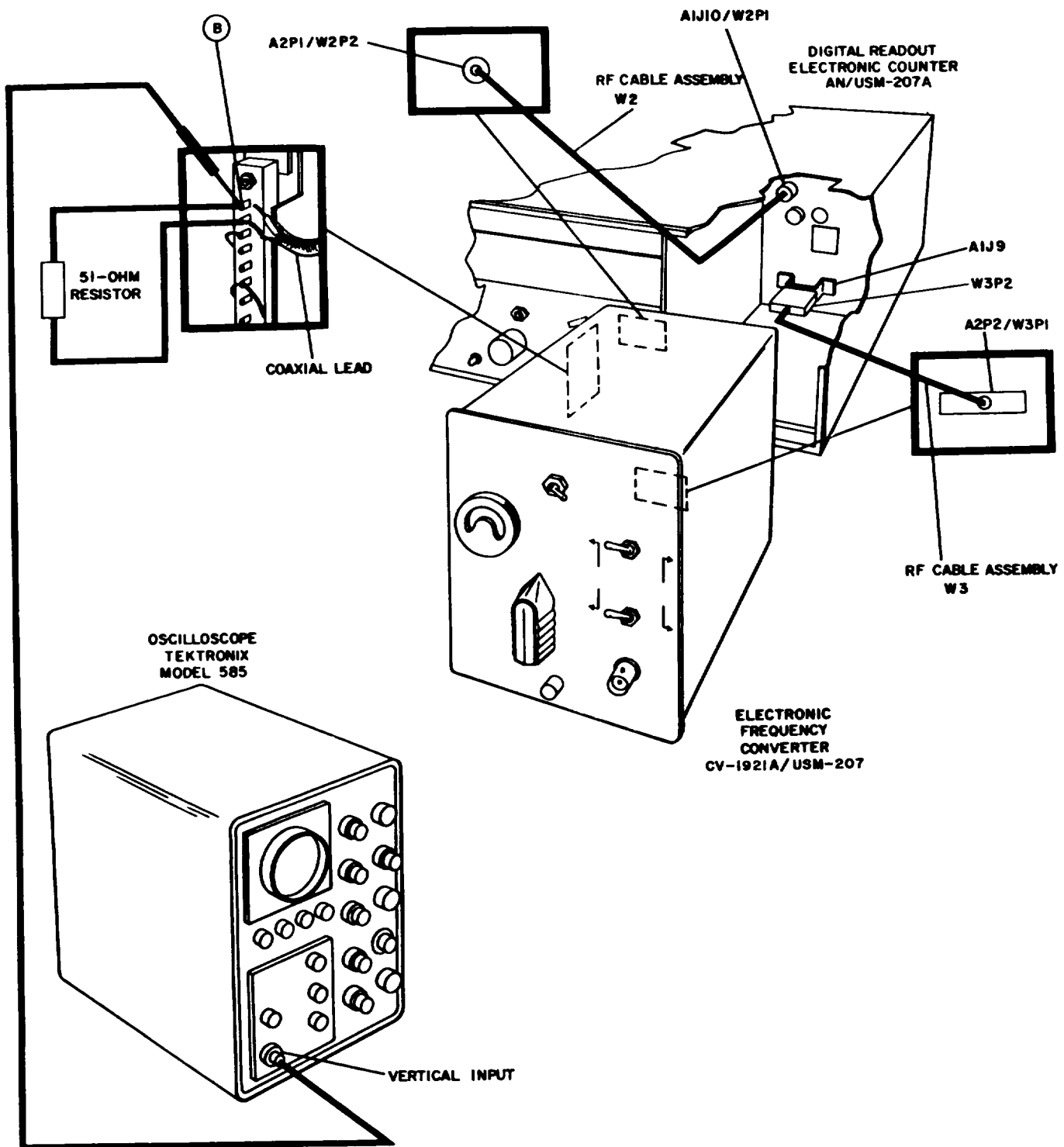


Figure 5-5. Frequency Multiplier A2A1 Adjustment, Test Setup

(k) Adjust A2A1T2 for a 50-mc sine wave with a maximum amplitude.

(l) Adjust A2A1T1 for a 50-mc sine wave with a maximum amplitude.

(m) Set POWER switch to OFF.

(n) Disconnect resistor connected in step (c) and resolder the coaxial lead to test point B.

(o) Set POWER switch to ON.

(p) Adjust A2R46 (figure 5-4) clockwise until the counter shows a noise count; then turn counterclockwise just below the point where the noise count stops.

(5) INSTRUCTIONS FOR ADJUSTING THE HARMONIC GENERATOR AND CAVITY.

(a) Connect test setup as shown in figure 5-6. Connect uhf signal generator first, and leave the vhf signal generator and rf millivoltmeter disconnected.

(b) Set FREQUENCY TUNING-MC switch to 500, both converter attenuator switches to the left, and DIRECT-HETERODYNE switch to HETERODYNE.

(c) Set uhf signal generator output frequency for 490 mc, output level for approximately 100 mv rms, function switch to cw, PULSE switch to +, and modulation switch to NORMAL.

(d) Set oscilloscope controls for a vertical deflection of 0.1 v/cm, a sweep rate of 0.1 us/cm, and internal triggering.

(e) While observing waveform on oscilloscope, adjust band 500 adjustment capacitor A2C2 (figure 5-4), for a maximum 10-mc output. The waveform will be clipped.

(f) Reduce output level of uhf signal generator to a point where waveform is no longer clipped; then readjust A2C2 for a maximum 10-mc output.

(g) Adjust matching capacitor A2A3C21 for a maximum 10-mc output.

(h) Adjust A2A3R8 for maximum 10-mc output.

(i) Set output frequency of uhf signal generator for 460 mc, and output level for 100 millivolts.

(j) While observing waveform on oscilloscope, adjust band 450 adjustment capacitor A2C3 for a maximum 10-mc output. The waveform will be clipped.

(k) Reduce output level of uhf signal generator, as required, to eliminate clipping then readjust A2C3 for a maximum 10-mc output.

(1) Set FREQUENCY TUNING-MC switch to 400.

(m) Disconnect uhf signal generator and replace it with the vhf signal generator.

(n) Set FREQUENCY RANGE switch of vhf signal generator to E. FINE FREQ ADJUST switch to the marker. FREQUENCY control for a 410-mc output. MOD SELECTOR switch to CW, and attenuator control fully counter clockwise.

(o) Adjust AMP TRIMMER control of vhf signal generator for a maximum reading on the OUTPUT VOLTS meter; then set OUTPUT LEVEL control for a reading on the set level (red arrow)

of the OUTPUT VOLTS meter, and set attenuator control for 100 millivolts.

(p) While observing waveform on oscilloscope, adjust band 400 adjustment capacitor A2C4 for a maximum 10-mc output. The waveform will be clipped.

(q) Turn attenuator control of vhf signal generator counterclockwise to a point where waveform is no longer clipped; then readjust A2C4 for a maximum 10-mc output.

(r) Set FREQUENCY TUNING-MC switch to 350.

(s) Set output frequency of vhf signal generator for 360mc. Leave other controls of vhf signal generator as in step (n).

(t) Repeat the procedure of step (r).

(u) While observing waveform on oscilloscope, adjust band 350 adjustment capacitor A2C5 for a maximum 10-mc output. The waveform will be clipped.

(v) Reduce output level of vhf signal generator as in step (q); then readjust A2C5 for a maximum 10-mc output.

(w) Set FREQUENCY TUNING-MC switch to 300.

(x) Set output frequency of vhf signal generator for 310 mc. Leave other controls of vhf signal generator as in step (n).

(y) Repeat the procedure of step (o).

(z) While observing waveform on oscilloscope, adjust band 300 adjustment capacitor A2C6, for a maximum 10-mc output. The waveform will be clipped.

(aa) Reduce output level of vhf signal generator as in step (q); then readjust A2C6 for a maximum 10-mc output.

(ah) Set FREQUENCY TUNING-MC switch to 250.

(at) Set output frequency of vhf signal generator for 260 mc. Leave other controls of vhf signal generator as in step (n).

(ad) Repeat the procedure of step (o).

(se) While observing waveform on oscilloscope, adjust band 250 adjustment capacitor A2C7 for a maximum 10-mc output. The waveform will be clipped.

(af) Reduce output level of vhf signal generator as in step (q); then readjust A2C7 for a maximum 10-mc output.

(ag) Set FREQUENCY TUNING-MC switch to 200

(ah) Set FREQUENCY RANGE switch of vhf signal generator to D, and set output frequency for 210 mc. Leave other controls of vhf signal generator as in step (n).

(ai) Repeat the procedure of step (o).

(aj) While observing waveform on oscilloscope, adjust band 200 adjustment capacitor A2C9 for a maximum 10-mc output. The waveform will be clipped.

(ak) Reduce output level of vhf signal generator as in step (q); then readjust A2C9 for a maximum 10-mc output.

(al) Set FREQUENCY TUNING-MC switch to 150.

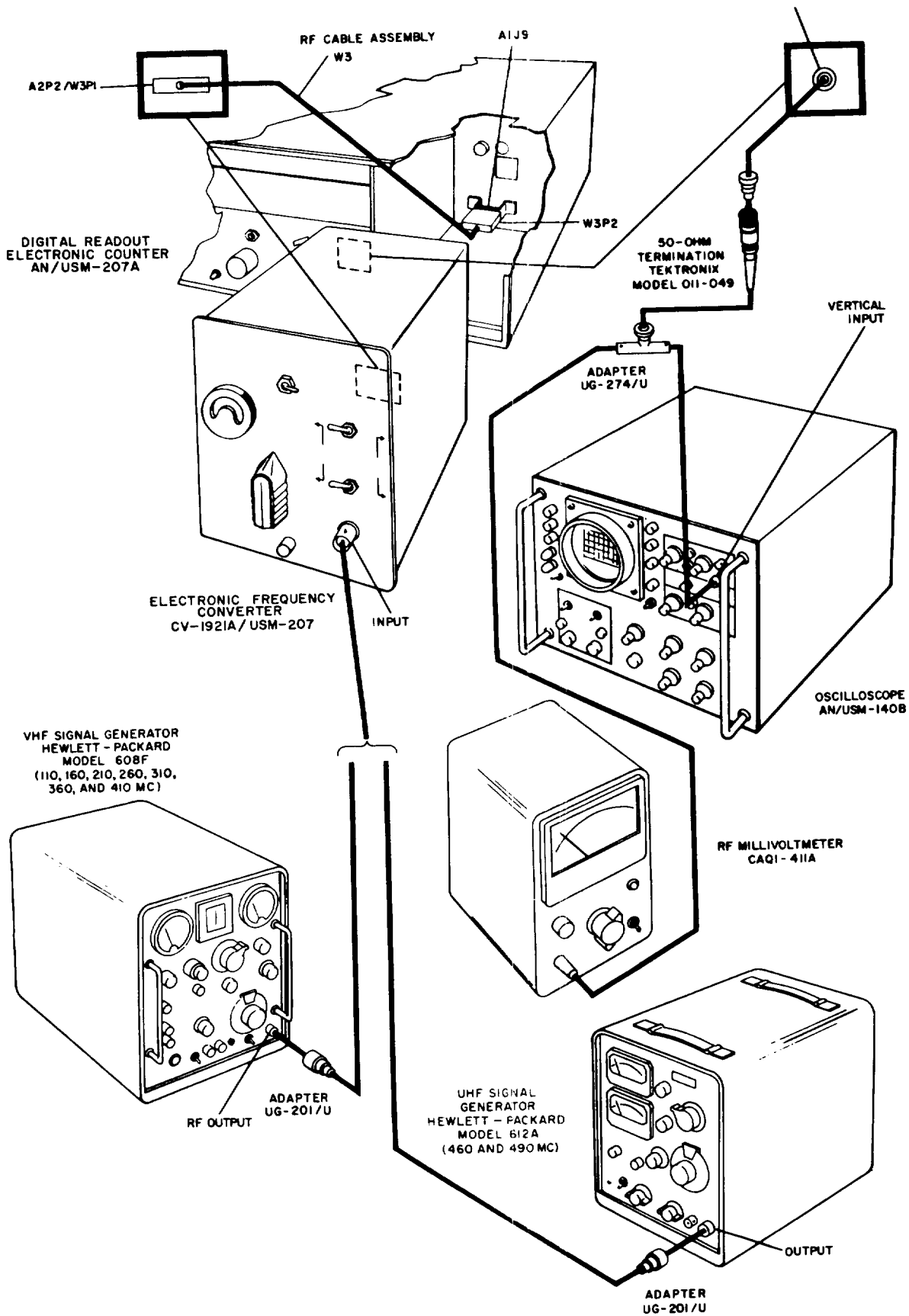


Figure 5-6. Harmonic Generator and Cavity, Test Setup

(am) Set output frequency of vhf signal generator for 160 mc. Leave other controls of vhf signal generator as in step (ah).

(an) Repeat the procedure of step (o).

(ao) While observing waveform on oscilloscope, adjust band 150 adjustment capacitor A2C11 for a maximum 10-mc output. The waveform will be clipped.

(ap) Reduce output level of vhf signal generator as in step (q); then readjust A2C11 for a maximum 10-me output.

(aq) Set the FREQUENCY TUNING-MC switch to 100.

(ar) Set output frequency of vhf signal generator for 110 mc. Leave other controls of vhf signal generator as in step (ah).

(as) Repeat the procedure of step (o).

(at) While observing waveform on oscilloscope, adjust band 100 adjustment capacitor A2C13 for a maximum 10-mc output. The waveform will be clipped.

(au) Reduce output level of vhf signal generator as in step (q); then readjust A2C13 for a maximum 10-me output.

(av) Connect the rf millivoltmeter as shown in figure 5-6, and set its RANGE switch to **0.3**.

(aw) Adjust attenuator control of the vhf signal generator for a 100-millivolt reading on the rf millivoltmeter. Observe the setting of the attenuator control. If more than 10 millivolts, reduce it accordingly.

(ax) Adjust the bias adjustment resistor A2R8 for a peak reading on the rf millivoltmeter. Note the value of this reading.

(ay) Set the FREQUENCY TUNING-MC switch to 250.

(az) Set the FREQUENCY RANGE switch of the vhf signal generator to E, and set the output frequency for 260 mc. Peak the AMP. TRIMMER control; then set the OUTPUT LEVEL control to the set level of the OUTPUT VOLTS meter. Do not change the setting of the attenuator control.

(ha) Observe the reading on the rf millivoltmeter, and compare it with the reading obtained in step (ax). If the two readings are within 10 percent of each other, no further adjustments are necessary and the procedure is complete. If the reading in this step is less by more than 10 percent, proceed to step (bb).

(bb) Adjust the bias adjustment resistor A2R8 for a reading approximately halfway between the difference of the two readings.

(be) Set the FREQUENCY TUNING-MC switch to 100.

(bd) Set the FREQUENCY RANGE switch of the vhf signal generator to D, and set the output frequency for 110 mc. Peak the AMP. TRIMMER control; then set the OUTPUT LEVEL control to the set level of the OUTPUT VOLTS meter. Do not change the setting of the attenuator control.

(be) Observe the reading on the rf millivoltmeter and compare it with the reading obtained in step (bb). If the two readings are within

10 percent of each other, no further adjustments are necessary and the procedure is complete. Otherwise, proceed to step (bf).

(bf) Adjust the bias adjustment resistor A2R8 for a reading approximately halfway between the difference of the two readings.

(bg) Repeat the procedure of steps (ay) through (bf) as many times as necessary until the readings on band 100 and band 250 are within 10 percent of each other.

(6) BALANCING THE MIXER. The mixer is adjusted for minimum noise on all channels according to the following procedure:

(a) Set POWER switch to OFF.

(b) Loosen the thumbscrew on the bottom center of the converter.

(c) Slide the converter toward the front and out of the counter chassis, and set on a work bench near the counter.

(d) Connect W3P1 connector of rf cable assembly W3 to A2P2 of the converter; connect W3P2 connector of rf cable assembly W2 to AIJ9, of the counter (figures 5-38 and 5-52).

(e) Connect 50-ohm termination, Tektronix Model 011-049, to A2P1 of the converter (see figure 5-6).

(f) Connect rf millivoltmeter, Hewlett-Packard Model 411A or equivalent, to the 50-ohm termination.

(g) set POWER switch to STORE.

(h) Set DIRECT-HETERODYNE switch to HETERODYNE.

(i) Set RANGE switch of rf millivoltmeter to 0. 03.

(j) Observe the rf millivoltmeter reading in each position of the mixing frequency selector switch, note the switch position where the reading is the highest and set it to that position.

(k) Adjust the balance adjustment resistor A2R14 (figure 5-4) for a minimum reading on the rf millivoltmeter.

(l) Repeat the procedure of step (j).

(m) Compare the results of step (j) with step (l). If the switch position with the highest reading is the same in steps (j) and (l), the adjustment is complete. Otherwise, proceed to step (n).

(n) Repeat the procedure of steps (j) through (m) as many times as necessary to obtain the correct results. When the mixer is properly balanced, the noise level reading in any position of mixing frequency selector switch is less than 20 millivolts.

(7) CALIBRATING THE LEVEL METER A2M1 .

(a) Set counter POWER switch to OFF.

(b) Connect test setup as shown in figure (5-7).

(c) Set DIRECT HETERODYNE switch to DIRECT.

(d) Set both converter attenuator switches to the right.

(e) Set vhf signal generator for a 100-mc output frequency.

(f) Set vhf-signal-generator OUTPUT LEVEL control to mid-range, and attenuator fully counterclockwise (maximum attenuation).

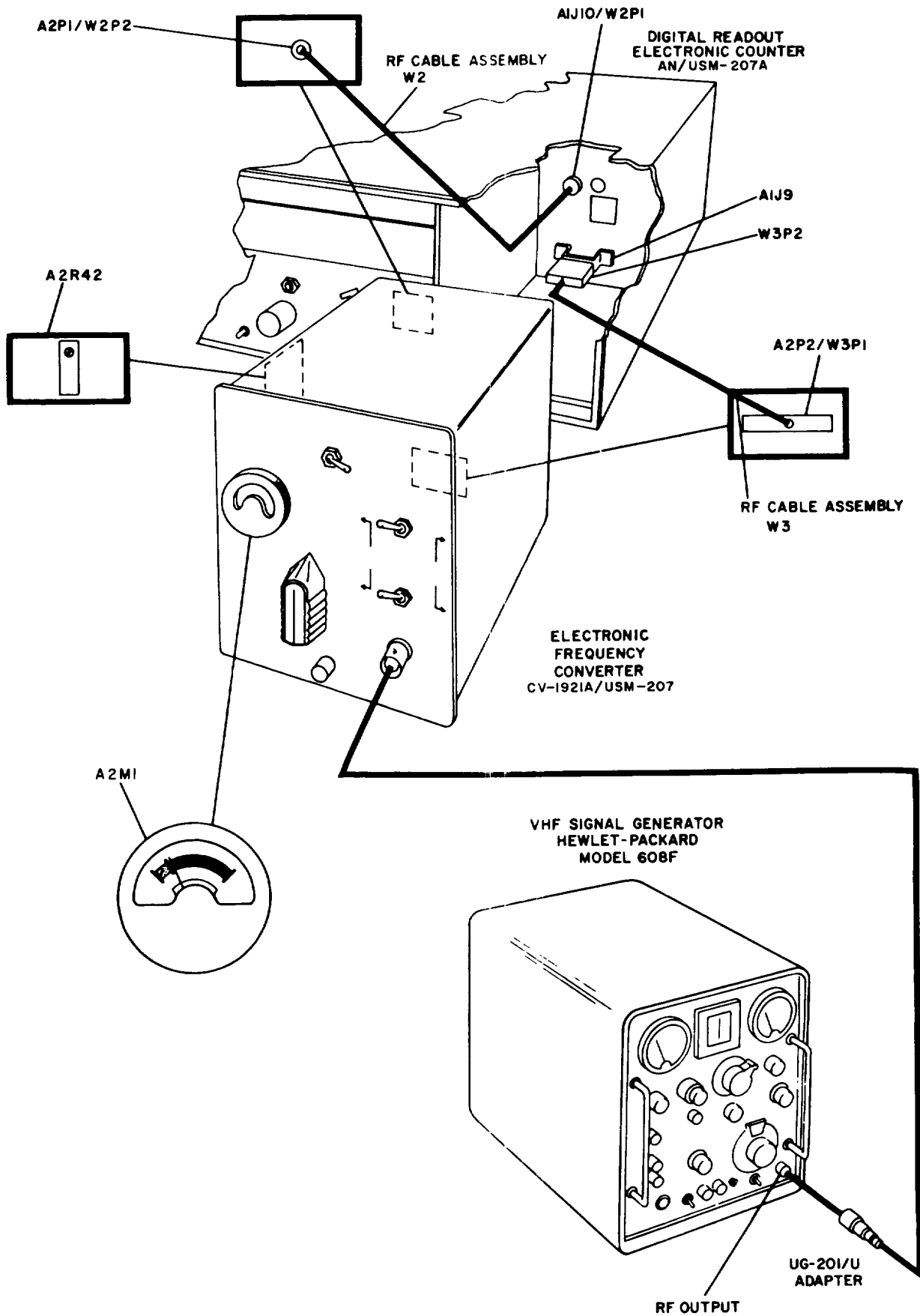


Figure 5-7. Level Meter A2MI Calibration, Test Setup

switch to 0.3. (g) Set rf millivoltmeter RANGE TRACK.

(h) Set counter POWER switch to TRACK.

(i) Set both converter attenuator switches to the left.

(j) Adjust attenuator of vhf signal generator for a 100-millivolt reading on the rf millivoltmeter.

(k) Observe indication on LEVEL METER. Adjust resistor A2R42 (figure 5-4) until needle reads at the low-end of the green zone near the border marker.

(l) Set vhf- signal-generator output frequency to 50 mc, 20 mc, 10 mc, and 5 mc. At each frequency, adjust attenuator vhf signal generator for a 100-millivolt reading on the rf millivoltmeter and observe LEVEL METER indication. If necessary, re-adjust resistor A2R42 until, at each of the above frequencies, LEVEL METER reading is as in step (k).

5-5. REMOVAL, REPAIR, AND REPLACEMENT OF PARTS AND ASSEMBLIES.

Procedures for removing the top and bottom covers are described in paragraph 5-2c.

PRINTED- CIRCUIT BOARDS A1A2 THROUGH A1A7 A1A9, and A1A10. -

- (1) Set POWER switch to OFF.
- (2) For A1A9 or A1A10, remove the two screws and shield that fit over these boards.
- (3) Insert board-extractor hooks into the two holes at the top of the board to be removed.
- (4) Note orientation of printed-circuit board.
- (5) Grasp the board-extractor handle firmly and pull up with a slow, even pressure.
- (6) Orient replacement board per step (4).
- (7) Insert replacement board evenly within each guide channel, then push it down with a slow, even pressure into its socket.
- (8) For A1A9 or A1A10, replace the shield and secure with the two screws.

b. PRINTED CIRCUIT BOARD A1 A1. -

- (1) Set POWER switch to OFF.
- (2) Remove the two screws that secure the heat sink of A1A1 to chassis.
- (3) Perform the procedure of steps (2) through (6) of paragraph 5-5a.
- (4) Secure the heat sink with the two screws removed in step (2).

c. PRINTED- CIRCUIT BOARDS A1A1 2 THROUGH A1A19 (figure 5-35) - Printed-circuit boards A1A12 through A1A19 are secured at the top by means of a tiedown bracket. When replacing any

one of these boards, first remove the two screws that fasten the tiedown bracket and remove the tiedown bracket. Next, - replace the applicable board as in paragraph 5-5a, then replace the tiedown bracket.

d. PRINTED CIRCUIT BOARD A1A8. -

- (1) Set POWER switch to OFF.
- (2) Using an open-end wrench, loosen the fastening nut on the coaxial-cable connector and disconnect the coaxial cable from the board.
- (3) Replace board by following the procedure of paragraph 5-5a.

(4) Connect coaxial cable to the board and secure with the open-end wrench.

e. PRINTED-CIRCUIT BOARD A1A11. -

- (1) Set POWER switch to OFF.
- (2) Remove printed-circuit board A1A12 per paragraph 5-5c.
- (3) Using an open-end wrench, loosen the fastening nuts on the two coaxial-cable connectors and disconnect the coaxial cables.

(4) Replace A1A11 per paragraph 5-5c.

(5) Connect the two coaxial cables to the board and secure with the open- end wrench.

(6) Reinsert printed-circuit board A1A12 per paragraph 5-5c.

f. REPLACEMENT OF PARTS ON PRINTED CIRCUIT BOARDS. - To replace a part on a printed circuit board cut the leads of the defective part near the lead hole. Use a low-power soldering iron (50 watts maximum), and apply heat sparingly to the cut lead from the circuit side of the board. Slip the lead from the board as soon as the solder melts. Use a toothpick to clean the solder from the lead hole. Clean the board with isopropyl alcohol to Specific at ion TT-I-735. Bend the tinned leads of the replacement part and insert in the cleaned holes; allow the leads to extend approximately 1/16 of an inch beyond the circuit side of the board. Solder leads from both sides of the board. Use resin-core solder type 63-37 (preferred) or 60-40 with a maximum diameter of 1/16 inch to Specification QQ-S-571 with flux to MIL-F-14526. If the replacement part is a transistor or a diode, use a heat sink, such as a pair of long-nosed pliers, between the part and the soldering iron. Transistors are mounted on insulated spacers that provide added support to the leads. When replacing a transistor, save the spacer of the defective transistor and place it on the replacement transistor. Printed-circuit board A1A9 contains terminal studs which mount one or more electrical parts. When a terminal stud mounts more than one part, these parts are to be replaced as a group. For example when a terminal stud mounts four parts of which one is defective, the other three must also be replaced.

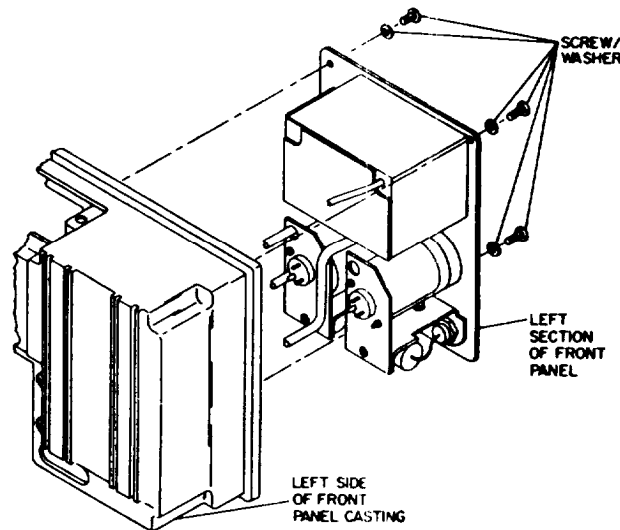


Figure 5-8. Left Section of Front Panel,
Removal of Counter

g. ACCESS TO AF-RF AMPLIFIER A1A20, A CHANNEL VARIABLE ATTENUATOR A1A21, B AND C CHANNEL VARIABLE ATTENUATOR AND TRIGGER LEVEL CONTROLS A1A22 and A1A23, B AND C SLOPE SWITCHES A1S10, AND A1S12, MODE SELECTOR SWITCH A1S9, AND CONNECTORS A1J1, A1J2, A1J3, A1J4, AND A1J5. -- These attenuator assemblies and parts are mounted on the left section of the front panel, and become accessible when the left section of the front panel is removed from the chassis (figure 5-8). To remove the left section of the front panel, remove the three screws (one at the bottom and two at the top), then slide it slowly forward and out of the chassis.

h. REPLACING AF-RF AMPLIFIER A1A20. --

- (1) Perform the procedure of paragraph 5-5g to gain access to A1A20.
- (2) Remove and save the two screws, washers, lockwashers, spacer, and solder lug that mount A1A20 to A1A21 (figure 5-9).
- (3) Disconnect the coaxial lead from the component side of A1A20. Code-mark coaxial cable to insure proper reassembly.
- (4) Disconnect the red, white, and black leads and shield of the cable and teflon-sleeved bus wire from the circuit side of A1A20. Code-mark leads to insure proper reassembly.
- (5) Orient replacement A1A20 such that the component side faces A1A21.
- (6) Solder the red, white, and black leads and the teflon-sleeved bus wire to the points shown in figure 5-51 and as marked in step (4). Use resin-core solder type 63-37 (preferred) or 60-40 with a maximum diameter of 1/16 inch to Specification QQ-S-571 with flux to MIL-F-14526.

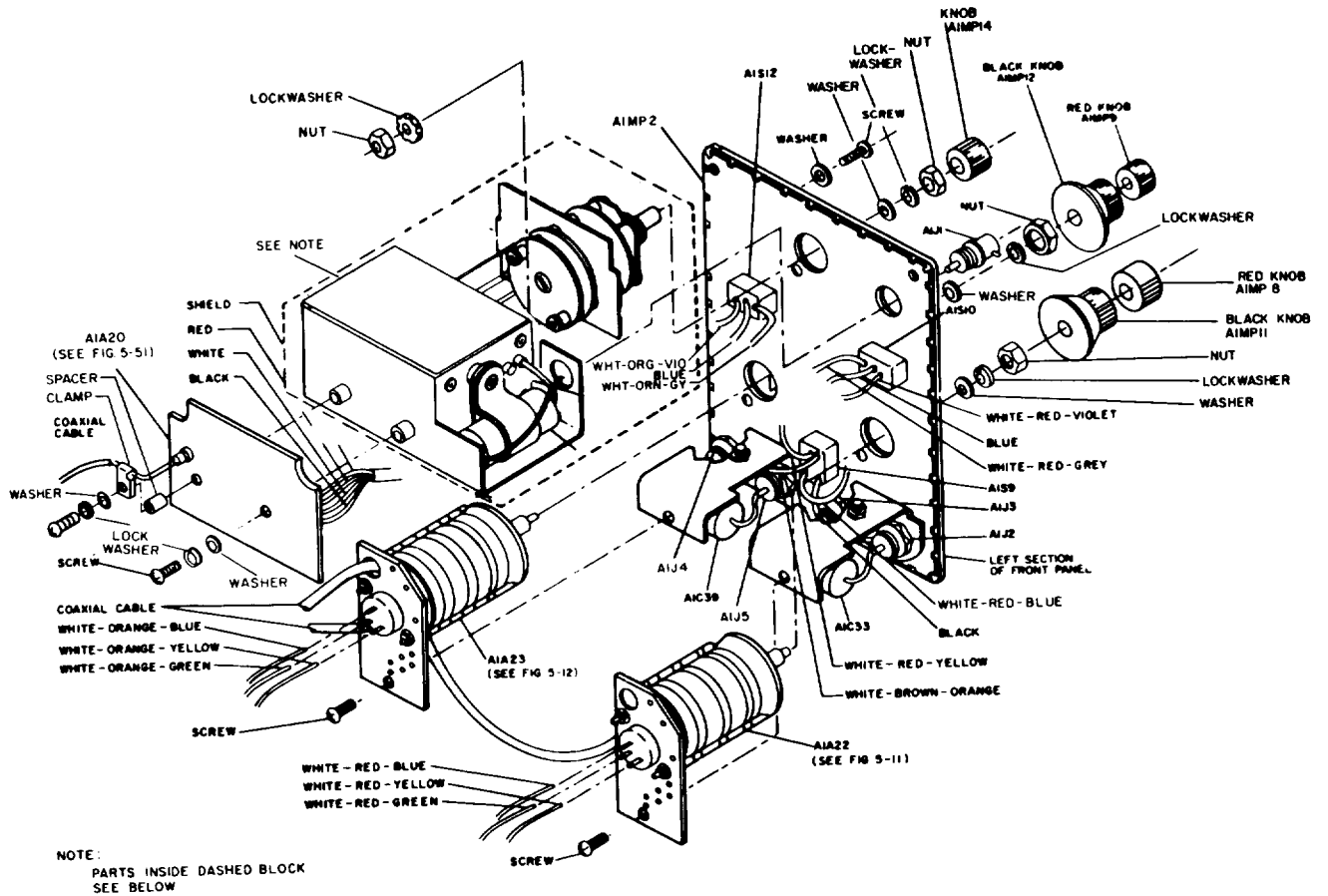
(7) Solder coaxial lead to the circuit side of A1A20 as shown in figure 5-51 and as marked in step (4).

(8) Remount A1A20 to A1A21 with the two screws, washers, lockwashers, spacer and solder lug removed in step (2).

(9) Replace the left section of the front panel in the chassis, and secure with the three screws.

i. REPLACING THE CHANNEL A VARIABLE ATTENUATOR A1A21. --

- (1) Perform the procedure of paragraph 5-5g to gain access to A1A21.
- (2) Unsolder the lead of capacitor A1A21-c 20 from connector A1J1 (figure 5-9).
- (3) Remove and save the nut and lock washer that mount connector A1J1, and remove A1J1.
- (4) Remove and save the four screws that secure the cover of A1A21. Note the position of the ground lug under one screw. Remove and save the cover of A1A21.
- (5) Loosen the two set screws of knob A1M14 and remove the knob.
- (6) Remove and save the mounting nut, lock washer and flat washer that secure the shaft of A1A21 to the left section of the front panel.
- (7) Remove and save the screw and associated hardware that secure the case of A1A21 to the left section of the front panel.
- (8) Unsolder the teflon-sleeved lead that connects A1A21 to A1A20. Mark the connecting point on A1A20 to insure proper reassembly.
- (9) Unsolder the white-black-brown, white-black-red, white-black-orange, and white-black-yellow leads from the inside of terminals E6 thru E9. Code-mark leads to insure proper reassembly.



NOTE:
PARTS INSIDE DASHED BLOCK
SEE BELOW

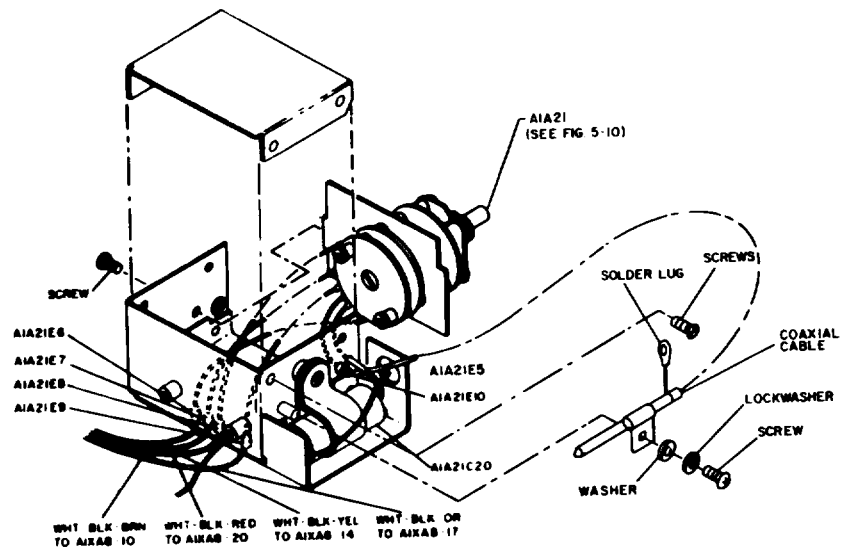


Figure 5-9. Left Section of Front Panel, Exploded View

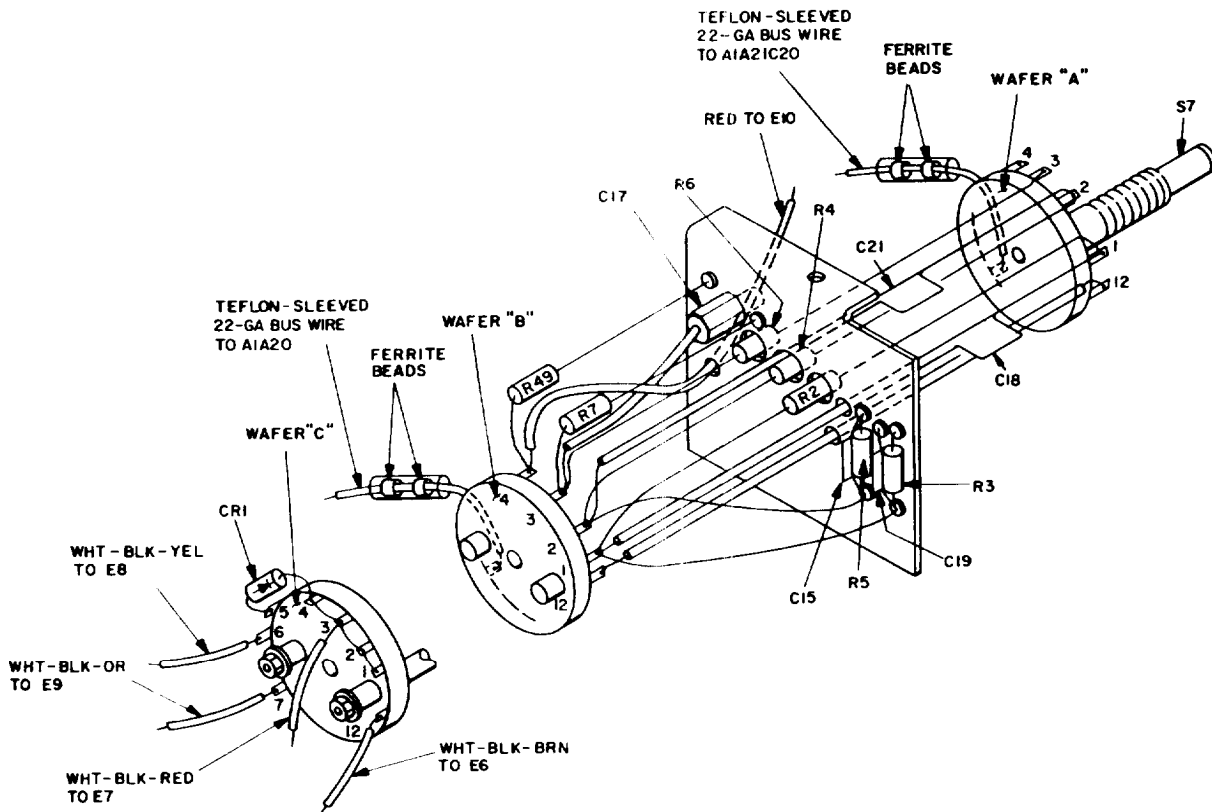


Figure 5-10. Channel A Variable Attenuator A1A21, Location of Parts on Switch

(10) Unsolder the red lead and the teflon sleeved bus wires from terminals E10 and E5. Be sure that the ferrite beads stay on the lead.

(11) Slide A1A21 towards the rear until its shaft clears the mounting hole in the front panel; then lift A1A21 up and out of the instrument.

(12) Insert replacement A1A21 from the top, with the shaft facing forward.

(13) Solder the teflon-sleeved lead to A1A20 as marked in step (8).

(14) Raise the shaft slightly so that the connection points on the bottom of the case become accessible.

(15) Solder the white-black-yellow, white-black-orange, white-black-red, and white-black-brown leads to the connection points as noted in step (9).

(16) Solder the red lead and the teflon sleeved bus wire to terminals E10 and E5 as noted in step (10).

(17) Slide shaft through mounting hole in

front panel and secure by means of the washer, lock washer and nut.

(18) Replace screw and associated hardware in step (7).

(19) Replace connector A1J1 and secure with the lock washer and nut.

(20) Solder the free lead of capacitor A1A21C20 to A1J1.

(21) Replace knob A1MP14 on shaft, temporarily tighten one of the two set screws; then turn to the extreme counterclockwise position.

(22) Loosen the set screw tightened in step (21), turn the knob so that index point faces the .1 V position; then tighten both set screws.

(23) Replace cover of A1A21 removed in step (4) and secure with four screws. Be sure that the ground lug for the coaxial cable is secured under the proper screw.

(24) Replace the left section of the front panel in the chassis, and secure with the three screws.

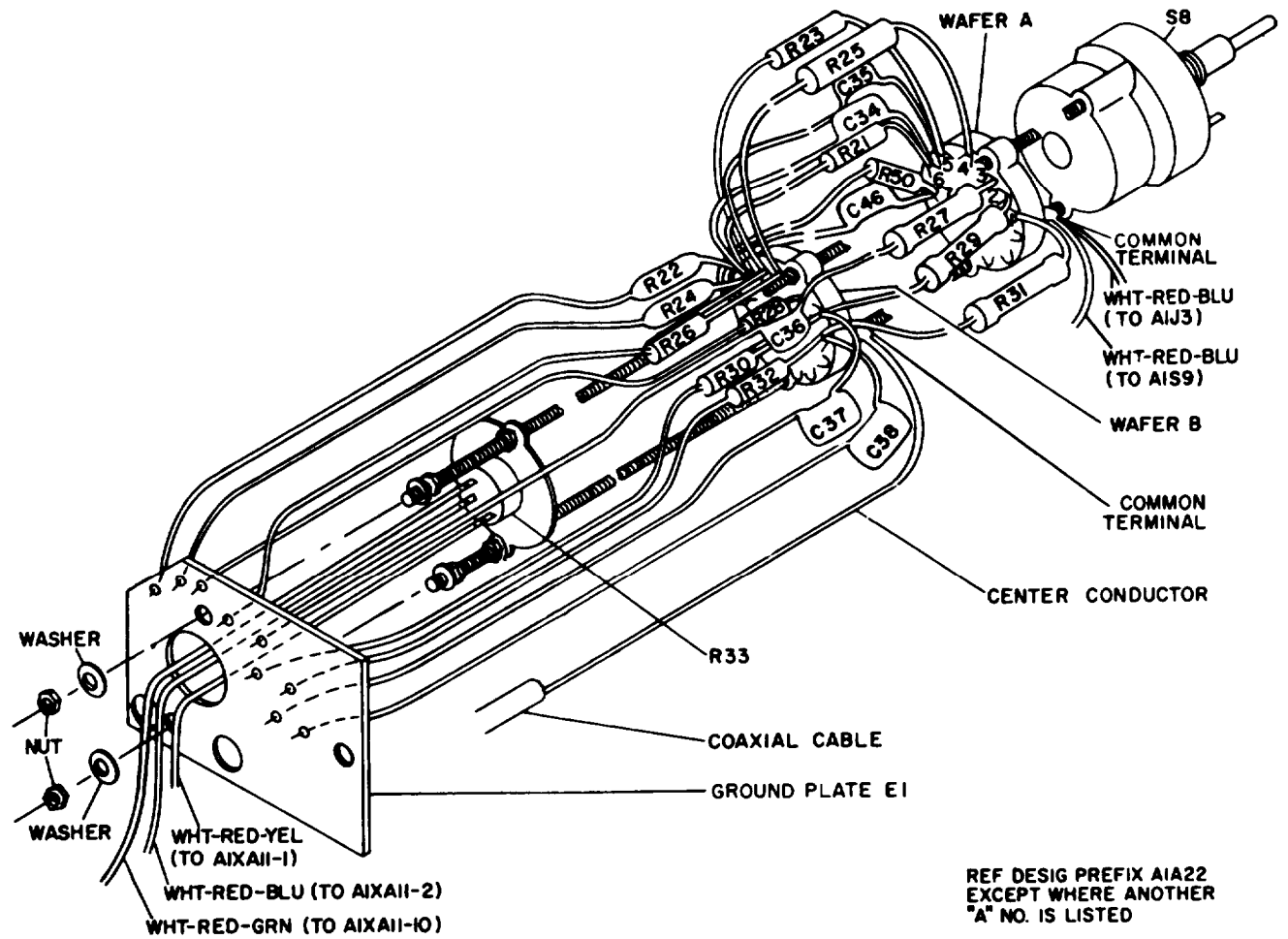


Figure 5-11. Charnel B Variable Attenuator A1A22, Location of Parts and Connections

REPLACING THE B CHANNEL VARIABLE ATTENUATOR AND TRIGGER LEVEL CONTROL A1A22. —

- (1) Perform the procedure of paragraph 5-5g to gain access to A1A22.
- (2) Remove and save the screw that mounts A1A22 to its bracket (figure 5-9).
- (3) Loosen the two setscrews on the red knob A1MP8 and remove the red knob.
- (4) Loosen the two setscrews on the black knob of A1A22, A1MP11 and remove the black knob.
- (5) Remove and save the nut and washer that secure the outer shaft of A1A22 to the left section of the front panel.
- (6) Disconnect the white-red-yellow, white-red-green, and white-red-blue leads from the three terminals at the back of A1A22. Code-mark leads to

insure proper reassembly, then slip these leads through the grommet of A1A22.

(7) Disconnect the center conductor of the coaxial cable from the common terminal of wafer B, the shield from the terminal on the bracket, and the two white-red-blue leads from the common terminal of wafer A (figure 5-11). Code mark leads to insure proper reassembly.

(8) Remove and discard defective A1A22.

(9) Insert replacement wafer assembly from the inside, with shaft through mounting hole in the left section of the front panel. Be sure that positioning key is seated within the recess in the left section of the front panel.

(10) Connect and solder the coaxial cable and the two white-red-blue leads removed in step (7) to the appropriate terminals of A1A22.

(11) Place mounting nut and lockwasher on outer shaft of replacement wafer assembly then tighten mounting nut.

(12) Pass the white-red-yellow, white-red-green, and white-red-blue leads removed in step (6) through the grommet of the printed-circuit board, then solder them to the appropriate terminals as marked in step (6).

(13) Replace black knob A1MP11 on the outer shaft and temporarily tighten one of the set-screws, then turn to the extreme clockwise position.

(14) Loosen the setscrew tightened in step (14), slide knob so that the .1 marking on the knob aligns with the 0 marking on the left section of the front panel, then tighten both setscrews.

(15) Turn inner shaft to the extreme counterclockwise position.

(16) Place red knob A1MP8 on the inner shaft so that index point faces the -6 marking on the left section of the front panel, then tighten both set-screws.

(17) Replace the left section of the front panel in the chassis, and secure with the three screws.

k. REPLACING THE C CHANNEL VARIABLE ATTENUATOR AND TRIGGER LEVEL CONTROL A1A23. --

(1) Perform the procedure of paragraph 5-5g to gain access to A1A23.

(2) Remove and save the screw that mounts A1A23 to its bracket (figure 5-9).

(3) Loosen the two setscrews on the red knob A1MP9 and remove the red knob.

(4) Loosen the two setscrews on the black knob A1MP12 and remove the black knob.

(5) Remove and save the nut and washer that secure the outer shaft of A1A23 to the left section of the front panel.

(6) Disconnect the white-orange-yellow, white-orange-green, and white-orange-blue leads from the three terminals at the back of A1A23. Code-mark leads to insure proper reassembly.

(7) Disconnect the center conductor of one coaxial cable from the common terminal of wafer B,

The shield from the terminal on the bracket, and the white-red-yellow lead from the common terminal of wafer A (figure 5-12). Code-mark leads to insure proper reassembly.

(8) Disconnect the other coaxial cable and shield from wafer B of A1A22. Note that this coaxial cable is longer than the one disconnected in step (7). Code-mark this cable to insure proper reassembly.

(9) Slowly pull the two coaxial cables through the grommets until they clear ground plate A1A23E2.

Note the routing of these cables to insure proper reassembly.

(10) Insert replacement wafer assembly from the inside, with shaft through mounting hole in the left section of the front panel. Be sure that positioning lug is seated firmly within recess in the left section of the front panel.

(11) Feed the two coaxial cables through the grommets in ground plate A1A23E2, and along the same route noted in step (9).

(12) Replace and solder the coaxial cable removed in step (8) to the appropriate terminals on wafer B of A1A22.

(13) Connect and solder the other coaxial cable and the white-red-yellow lead removed in step 7 to the appropriate terminals of A1A23.

(14) Place mounting nut and lockwasher on outer shaft of replacement wafer assembly, then tighten mounting nut.

(15) Solder the white-orange-yellow, white-orange-green, and white-orange-blue leads removed in step (6) to the appropriate terminals as marked in step (6).

(16) Replace black knob A1MP12 on the outer shaft and temporarily tighten one of the set-screws, then turn to the extreme clockwise position.

(17) Loosen the setscrew tightened in step (16), slide knob so that the .1 marking on the knob align with the 0 marking on the left section of the front panel, then tighten both setscrews.

(18) Turn inner shaft to the extreme counterclockwise position.

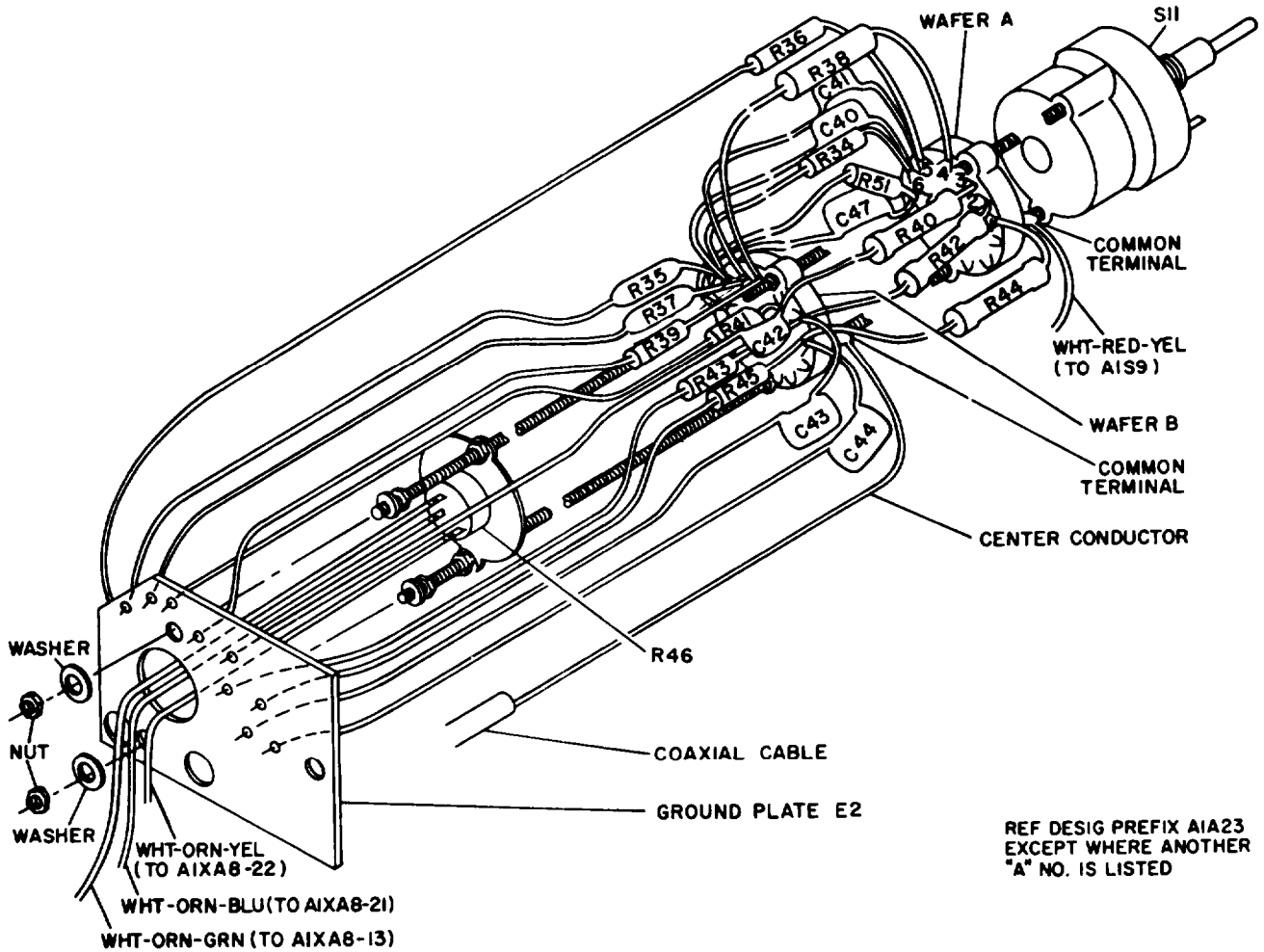


Figure 5-12. Channel C Variable Attenuator A1A23, Location of Parts

(19) Place red knob A1MP9 on the inner shaft so that the index point faces the -6 marking on the left section of the front panel, then tighten both setscrews.

(20) Replace the left section of the front panel in the chassis, and secure with the three screws.

1. ACCESS TO FUNCTION SWITCH A1S4, TIME BASE SWITCH A1S3, STD FREQ OUT SWITCH A1S2, AND POWER SWITCH A1S1. - These parts are mounted on the front panel, and become accessible when the front-panel casting is detached from the counter and is supported only by the wire harness. Refer to figure 5-13 and proceed as follows:

(1) Using the board extractor, lift printed-circuit board A1A11 partly out of its connector so that the cable fastenings become accessible. Unfasten and disconnect the two coaxial cables, then remove A1A11.

(2) Remove and save the two screws on top of the tiedown bracket, and remove the tiedown bracket.

(3) Remove printed-circuit boards A1A10 and A1A12 through A1A16.

(4) Loosen the captive screw at the bottom center of electronic frequency converter A2, and slide A2 towards the front and out of the chassis.

(5) Remove and save the two screws (top and bottom) on the left side-panel which are nearest the front panel.

(6) Remove and save the two screws (top and bottom) on the right side-panel which are nearest the front panel.

(7) Remove and save the two screws on bottom front of the opening vacated by A2.

(8) Remove and save the two screws that secure the left side of the front-panel casting to the front card-guide bracket.

(9) Remove the two nuts and lockwashers that secure the bolts of A1S4 to the front card-guide.

(10) Pull the front-panel casting slightly forward until it is supported only by the wire harness, then pivot it down to expose the mounted parts. Place a small block of wood or similar material under the bottom cover of the counter, so that the knobs mounted on the front panel do not rest on the work table.

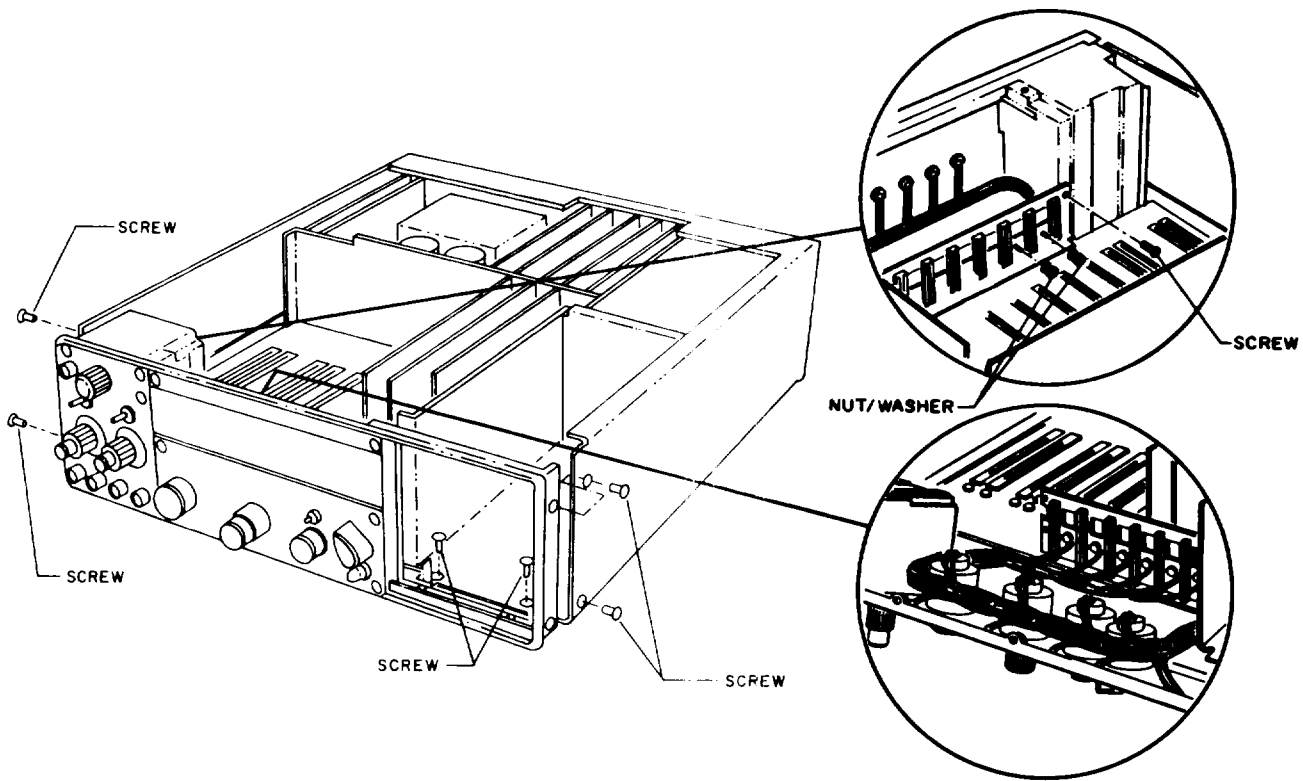


Figure 5-13. Counter, Disassembly of Front Section

m. REPLACING THE FUNCTION SWITCH A1S4. –

- (1) Perform the procedure of paragraph 5-51 to gain access to the switch.
- (2) Refer to figure 5-14 for wafer and terminal designations.
- (3) Disconnect the external leads from the switch in the order listed in table 5-15. Code-mark leads to insure proper reassembly.

Note

To disconnect a lead, cut it as close to the switch terminal as possible. When all leads have been cut, and the defective switch has been removed, strip off approximately 3/16 of an inch of insulation from the leads before inserting replacement switch.

- (4) Loosen the two setscrews on knob A1MP7 and remove the knob.
- (5) Remove and save the front-panel mounting nut and flat washer.
- (6) Remove and discard defective switch.
- (7) Connect jumpers on replacement switch as listed in table 5-16.

- (8) Insert replacement switch from the top, through shaft through mounting hole of front panel.

- (9) Place flat washer and mounting nut on shaft and tighten finger-tight. Be sure that positioning key in front of switch is seated within recess of the front-panel casting.

- (10) Connect and solder leads removed in step (3) to the replacement switch-terminals as listed in table 5-15, and in a reverse order.

- (11) Tighten the front-panel mounting nut.

- (12) Place knob on shaft, such that the setscrew opposite the index point is pointing towards the flat side of the shaft, then tighten the two setscrews.

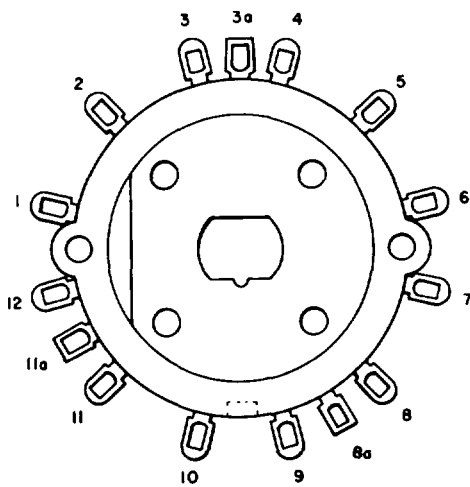
- (13) Using the procedure of paragraph 5-51 in a reverse order, replace the front-panel casting and printed-circuit boards, and secure all parts.

n. REPLACING THE TIME BASE SWITCH A1S3 AND STD FREQ OUT SWITCH A1S2. – These two parts are mounted on concentric shafts, and are replaced together according to the following procedure:

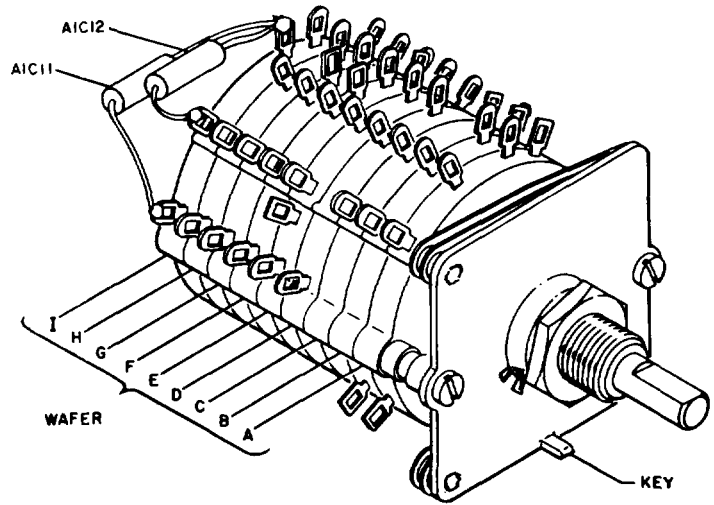
- (1) Perform the procedure of paragraph 5-51 to gain access to A1S2/A1S3.

- (2) Refer to figure 5-15 for wafer and terminal designations.

- (3) Disconnect the external leads from A1S2/A1S3 in the order listed in table 5-17. Code-mark leads to insure proper reassembly.



TERMINAL DESIGNATIONS OF TYPICAL WAFER



WAFER DESIGNATIONS

Figure 5-14. FUNCTION Switch A1S4, Wafer and Terminal Designations

TABLE 5-15. FUNCTION SWITCH A1S4, EXTERNAL WIRE CHART

COLQR AND GAUGE	ORIGIN OR DESTINATION	TERMINATION ON AN34
White-green-blue 22-GA	A1XA10-12	I-1
White-green-violet 22-GA	A1XA8-8	I-2
Yellow 22-GA	AIS3/AIS2-C-7 rear	I-3a
White-yellow-green 22-GA	A1XA8-7	I-12
White-yellow-violet 22-GA	A1XA8-6	I-11
White-yellow-blue 22-GA	A1XA10-10	I-10
White-yellow-green 22-GA	AKKA4-2	I-9
White-orange-grey 22-GA	A1XA4-1	I-8
White-orange-violet 22-GA	A1XA3-2	I-7
White-orange-blue 22-GA	A1XA3-1	I-6
White-orange-green 22-GA	AMA2-2	I-5
White-orange-yellow 22-GA	A1XA10-8	I-4
White-orange 22-GA	A1XA7-B	H-3
White-brown 22-GA	A1XA7-A	H-1
White-red 22-GA	A1XA7-C	H-2
White-green 22-GA	A1XA7-2	H-5
White-blue 22-GA	A1XA7-3/DS-4	H-6
White-black-blue 22-GA	AIS3/AIS2-B-1 front	H-5a
White-black-violet 22-GA	AIS3/AIS2-B-4 front	H-8a
White-yellow 22-GA	A1XA7-1	H-8
White-black-green 22-GA	AIS3/AIS2-B-11 front	G-3a
White-green 22-GA	AIDS5	G5
White-brown-grey 22-GA	AIS3/AIS2-A-10 front	
	AIS3/AIS2-B-10 front	F-3a

TABLE 5-15. (Continued)

COLOR AND GAUGE	ORIGIN OR DESTINATION	TERMINATION ON AIS4
white-yellow 22-GA	AIDS6	F-4
White-brown-violet 22-GA	AIS3/AIS2-A-9 front	F-4a
White-black-orange 22-GA	AIS3/AIS2-B-9 front	E-1a
White-red 22-GA	AIDS8	E-2
White-brown-blue 22-GA	AIS3/AIS2-A-8 front	E-5a
White-brown 22-GA	AIDS9	D-1
White-black 22-GA	AIDS10	D-3
White-orange 22-GA	AIDS7	D-4
White-black-grey 22-GA	AIS3/AIS2-B-5 front	D-5a
White-brown-green 22-GA	AIS3/AIS2-A-7 front	D-8a
White-black-red 22-GA	AIS3/AIS2-B-8 front	D-10a
White-red-green 22-GA	AIS3/AIS2-B-9 rear	C-2
White-brown-yellow 22-GA	AIS3/AIS2-A-4 front	C-3
White-orange-green 22-GA	AIDS14	C-4a
White-black-brown 22-GA	AIS3/AIS2-B-7 front	C-5
White-orange-blue 22-GA	AIDS13	C-9a
White-red-grey 22-GA	AIS3/AIS2-B-12 rear	B-2
White-red-violet 22-GA	AIS3/AIS2-B-11 rear	B-3
White-red-blue 22-GA	AIS3/AIS2-B-10 rear	B-4
White-red-orange 22-GA	AIS3/AIS2-B-1 rear	B-h a
White-orange-violet 22-GA	AIDS12	B-9
White-green-violet 22-GA	AIS3/AIS2-A-9 rear	A-2
White-brown-orange 22-GA	AIS3/AIS2-A-2 front	A-3
White-green-blue 22-GA	AIS3/AIS2-A-4 rear	A-h a
White-orange-grey 22-GA	AIDS11	A-9
White-brown-red 22-GA	AIS3/AIS2-A-1 front	A-4
White-orange-yellow 22-GA	AIDS15	A-4a
White-red-yellow 22-GA	AIS3/AIS2-B-2 rear	A-6

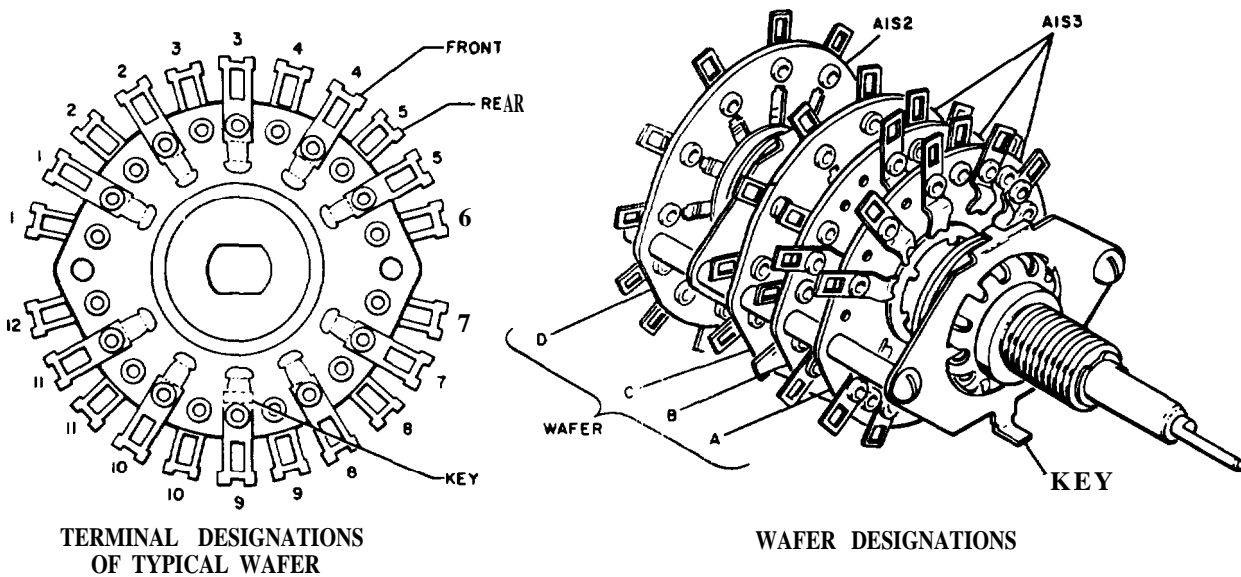


Figure 5-15. Time Base Switch AIS3 and STD FREQ OUT Switch AIS2, Wafer and Terminal Designations

TABLE 5-16. FUNCTION SWITCH, INTERNAL WIRE CHART

COLOR AND GAUGE	CONNECT
White-yellow 22-GA	From H-4 to H-8
Bus wire 22-GA	From H-4 through G-4 to F-4
Bus wire 22-GA	From H-5 to G-5
Bus wire 22-GA	From H-3 through G-3 through F-3 through E-3 to D-4
Bus wire 22-GA	From H-2 through G-2 through F-2 to E-2
Bus wire 22-GA	From H-1 through G-1 through F-1 through E-1 to D-1
White-brown 22-GA	From H-7 to F-6
White-brown 22-GA	From H-7 to E-10
Bus wire 22-GA	From E-10 to D-10
White-red 22-GA	From G-2 to F-5
White-black 22-GA	From G-6 to D-9
Bus wire 22-GA	From G-12 through F-12 through E-12 to D-12
White-red 22-GA	From F-11 to F-2
Bus wire 22-GA	From F-11 through D-11 to E-11
Bus wire 22-GA	From F-5 to E-5
White-brown 22-GA	From F-6 to E-4
White-brown 22-GA	From E-4 to E-1
White-black 22-GA	From E-12 to D-9
White-black 22-GA	From D-12 to D-3
White-red-green 22-GA	From C-8 to C-2
Bus wire 22-GA	From C-4a to B-4a
White-red-grey 22-GA	From B-8 to B-2
White-brown-red 22-GA	From A-4 to A-7
White-green-violet 22-GA	From A-8 to A-2

TABLE 5-17. TIME BASE/STD FREQ OUT SWITCH AIS3/AIS2, EXTERNAL WIRE CHART

COLOR AND GAUGE	ORIGIN OR DESTINATION	TERMINATION ON AIS3/AIS2
White-black-grey 22-GA	A1XA5-20	D-3 rear
White-black-violet 22-GA	A1XA5-2	D-2 rear
White-black-blue 22-GA	A1XA4-6	D-1 rear
White coaxial cable	A1xA6-2	D-4 rear
White coaxial cable	A1XA5-13	D-7 rear
White-black-brown 22-GA	A1XA2-5	D-8 rear
White-black-red 22-GA	A1XA2-6	D-9 rear
White-black-orange 22-GA	A1XA3-5	D-10 rear
White-black-yellow 22-GA	A1XA3-6	D-11 rear
White-black-green 22-GA	A1XA4-5	D-12 rear
White-blue 22-GA	A1XA16-21	C-1 rear
White-violet 22-GA	A1xA15-21	C-2 rear
White-grey 22-GA	A1XA14-21	C-3 rear
Brown 22-GA	A1XA13-21	C-4 rear
White-black 22-GA	A1XA12-21	C-5 rear
Yellow 22-GA	A1S4-I-3a	C-7 rear
White-brown 22-GA	A1XA2-4	C-8 rear
White-red 22-GA	A1XA2-3	C-9 rear
White-orange 22-GA	A1XA19-16	C-10 rear
White-yellow 22-GA	A1XA18-21	C-11 rear
White-green 22-GA	A1xA17-21	C-12 rear
White-black-grey 22-GA	A1S4-D-5a	B-5 front
White-black-violet 22-GA	A1S4-H-8a	B-4 front
White-black-blue 22-GA	A1S4-H-5a	B-1 front

TABLE 5-17. (Continued)

COLOR AND GAUGE	ORIGIN OR DESTINATION	TERMINATION ON AI S3/AIS2
White-red-orange 22-GA	AIS4-B-11a	B-1 rear
White-red-yellow 22-GA	AIS4-A-6	B-2 rear
White-black-brown 22-GA	AIS4-C-5	B-7 front
White-black-red 22-GA	AIS4-D-10a	B-8 front
White-red-green 22-GA	AIS4-C-2	B-9 rear
White-black-orange 22-GA	AIS4-E-1a	B-9 front
White-red-blue 22-GA	AISA-B-4	B-10 rear
White-black-yellow 22-GA	AIS4-F-3a	B-10 front
White-red-violet 22-GA	AIS4-B-3	B-11 rear
White-black-green 22-GA	AIS4-G-3a	B-11 front
White-red-grey 22-GA	AIS4-B-2	B-12 rear
White-brown-yellow 22-GA	AIS4-C-3	A-4 front
White-green-blue 22-GA	AIS4-A-11a	A-4 rear
White-brown-orange 22-GA	A1W4-A-3	A-2 front
White-brown-red 22-GA	AIS4-A-4	A-1 front
White-brown-green 22-GA	AIS4-D-8a	A-7 front
White-brown-blue 22-GA	AIS4-E-5a	A-8 front
White-green-violet 22-GA	A1-4-A-2	A-9 rear
White-brown-violet 22-GA	AIS4-F-4a	A-9 front
White-brown-grey 22-GA	AIS4-G-5a	A-10 front

TABLE 5-18. TIME BASE/STD FREQ OUT SWITCH
AI S3/AIS2 , INTERNAL WIRE CHART

COL.OR AND GAUGE	CONNECT	COLOR AND GAUGE	CONNECT
White-black-green 22-GA	From B-5 rear to B-11 front	White-brown-red 22-GA	From A-1 front to A-n front
White-red-yellow 22-GA	From B-2 rear to A-6 rear	White-brown-red 22-GA	From A-11 front to A-7 rear
Bus wire 22-GA	From B-4 rear to B-3 front	White-brown-orange 22-GA	From A-2 front to A-8 rear
Black 22-GA	From B-3 front to A-5 rear	Bus wire 22-GA	From A-4 front to A-5 front
Bus wire 22-GA	From A-5 rear to A-3 front		
Black 22-GA	From A-3 front to A-11 rear		

Note

To disconnect a lead, cut it as close to the terminal as possible. When all leads have been cut, and the defective AIS2/AIS3 has been removed, strip off approximately 3/16 of an inch of insulation from the leads before inserting replacement.

- (4) Loosen the two setscrews on red knob AIM6 and remove the red knob.
- (5) Loosen the two setscrews on black knob AIM10, and remove the black knob.
- (6) Remove and save the front-panel mounting and flat washer.
- (7) Connect jumpers on replacement AIS2/AIS3 as listed in table 5-18.

(8) Insert replacement AIS2/AIS3 from top, with shaft through mounting hole on front panel.

(9) Place flat washer and mounting nut on outer shaft and tighten finger-tight. Be sure that positioning key on front of AIS2/AIS3 is seated within recess of the front-panel casting.

(10) Connect and solder leads removed in step (3) to the replacement AIS2/AIS3 terminals as listed in table 5-17, and in a reverse order.

(11) Tighten the front-panel mounting nut.

(12) Place the black knob on the outer shaft, such that the setscrew opposite the index mark is pointing towards the flat portion of the outer shaft, then tighten the two setscrews on the black knob.

(13) Place the red knob on the inner shaft, such that the setscrew opposite the index point is pointing towards the flat portion of the inner shaft, then tighten the two setscrews on the red knob.

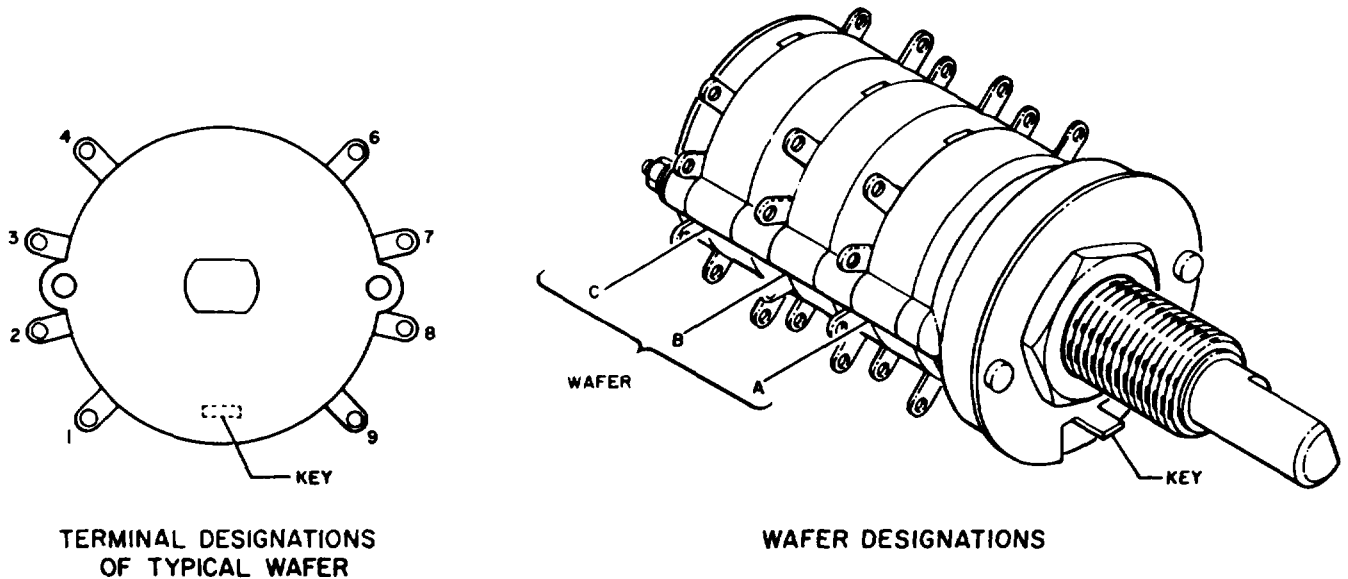


Figure 5-16. POWER Switch A1S1, Wafer and Terminal Designations

TABLE 5-19. POWER SWITCH A1S1, EXTERNAL WIRE CHART

COLOR AND GAUGE	ORIGIN OR DESTINATION	TERMINATION ON POWER SWITCH
Yellow 22-GA	A1C4	C-1 front
Yellow 22-GA	A1S3/A1S2-C7-R	C-1 front
white-yellow-violet 22-GA	A1XA7-V	C-3 rear
Blue 18-GA	A1F1 or A1F2	B-9 rear
Blue 18-GA	A1F2 or A1F1	B-4 rear
Grey 18-GA	A1FL1 line	B-6 front
Grey 18-GA	A1FL1 filter	B-1 front
Orange 18-GA	A1T1 term	A-9 rear
Orange 18-GA	A1T1 1 & 2	A-4 rear
Yellow 18-GA	A1F1 or A1F2	A-6 front
Yellow 22- GA	A1DS1	A-6 front
Yellow 18-GA	A1F2 or A1F1	A-1 front
Yellow 22- GA	A1DS1	A-1 front

(14) Using the procedure of paragraph 5-51, in a reverse order, replace the front-panel casting and printed-circuit boards and secure all parts.

o. REPLACING THE POWER SWITCH A1S1.

(1) Perform the procedure of paragraph 5-51 to gain access to the switch.

(2) Refer to figure 5-16 for wafer and terminal designations.

(3) Disconnect the external leads in the order listed in table 5-19. Code-mark leads to insure proper reassembly.

Note

To disconnect a lead, cut it as close to the switch terminal as possible. When all leads have been cut, and the defective switch has been removed, strip off approximately 1/16 of an inch of insulation from the leads before inserting replacement switch.

(4) Loosen the two setscrews on knob A1MP5 and remove the knob.

TABLE 5-20. POWER SWITCH A1S1,
INTERNAL WIRE CHART

COLOR AND GAUGE	CONNECT
Bus wire 18-GA	From B-7 rear through B-8 rear to B-9 rear
Bus wire 18-GA	From B-2 rear through B-3 rear to B-4 rear
Bus wire 18-GA	From A-8 rear to A-9 rear
Bus wire 18-GA	From A-3 rear to A-4 rear

- (5) Remove and save the front-panel mounting nut and flat washer.
- (6) Remove and discard the defective switch.
- (7) Connect jumpers on replacement switch as listed in table 5-20.
- (8) Insert replacement switch from top, with shaft through mounting hole on front panel.
- (9) Place flat washer and mounting nut on shaft and tighten finger-tight. Be sure that positioning key on front of switch is seated within the recess of the front-panel casting.
- (10) Connect and solder leads removed in step (3) to the replacement switch terminals as listed in table 5-19 and in a reverse order.
- (11) Tighten the front-panel mounting nut.

(12) Place the knob on the shaft of the replacement switch, such that the setscrew opposite the pointed-end of the knob points towards the flat portion of the shaft, then tighten the two setscrews. Perform this procedure with the switch set to any position other than OFF, so that it clears the PUSH bar.

REPLACING THE UNITS ANNUNCIATOR LAMPS A1DS 11 THROUGH A1DS15 . -

- (1) Remove and save the two screws, nuts, six washers, and terminal A1E1 that mount the annunciator housing to the inside of the front panel. (figure 5-17).
- (2) The annunciator lamps are mounted on terminal board A1TB3 behind the annunciator housing A1MP2. Separate the terminal board from the housing to expose the lamps. Remove and save the plastic annunciator window A1MP20.
- (3) Using a low-power soldering iron (50 watts), unsolder the power lead associated with the defective lamp.
- (4) Apply heat simultaneously to the terminal pair associated with the defective lamp, then slip the leads of the lamp through the terminal holes as soon as the solder melts. Use a toothpick to clean this, softened solder from the terminal holes.
- (5) Slip the leads of the replacement lamp through the terminal holes, then wrap the leads around the two terminals.
- (6) Wrap the power lead around the power terminal, then solder the leads to both terminals.
- (7) Insert the terminal board with the lamps within the housing, place annunciator window on the

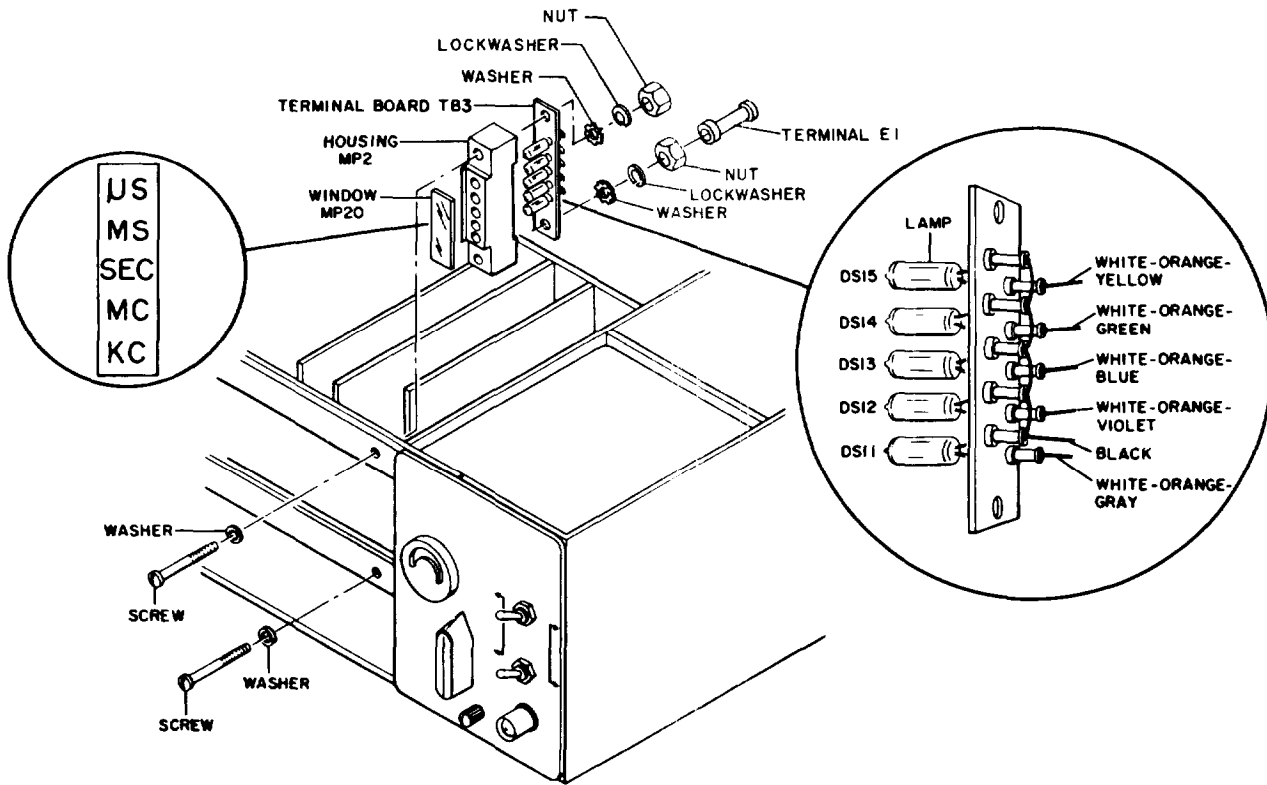


Figure 5-17. Annunciator Block, Exploded View

front side of the housing, then mount to the inside of the front panel against the readout window.

REPLACING THE DECIMAL POINT LAMPS A1DS4 THROUGH A1DS10. -

(1) Loosen and remove the two screws on top of the tiedown bracket, and remove the tiedown bracket.

(2) Remove the two printed-circuit boards nearest the defective decimal lamp.

(3) Using a low-power soldering iron (50 watts), unsolder the two leads from the terminals below the defective decimal lamp, and remove the teflon tubing from the leads. Save the teflon tubing

(4) Remove the defective decimal lamp from its rubber grommet.

(5) Insert the replacement decimal lamp into the rubber grommet, place the teflon tubing on the two leads; and solder the leads to the terminals.

(6) Replace the printed circuit boards removed in step (2).

(7) Replace the tiedown bracket and fasten with the two screws.

ACCESS TO PARTS IN THE ELECTRONIC FREQUENCY CONVERTER A2.-Based on degree of accessibility, parts of the converter are divided into three groups as follows:

Group 1. Parts in this group can be replaced without disassembling the converter. Includes parts mounted on the front panel, parts mounted on the rear panel, and parts mounted at the rear portion of the converter.

Group 2. Parts in this group are accessible when the converter is disassembled to the extent that the front panel and cavity casting are separated from the converter chassis. Includes parts mounted on the top of the cavity casting.

Group 3. Parts in this group are accessible when the cavity casting is disassembled. Includes all parts inside the cavity casting.

SEPARATING FRONT PANEL AND CAVITY CASTING FROM CONVERTER CHASSIS. -

(1) Set counter POWER switch to OFF.

(2) Loosen the thumbscrew at the bottom of the converter and slide the converter out of the counter.

(3) Remove and save the four screws and washers from the front panel (figure 5-18).

(4) Remove and save three screws that fasten plate A2MP35 from the chassis and remove plate.

(5) Remove and save thumbscrew from front panel.

(6) Remove and save eight screws from top of converter and grounding screw, nut, and washer.

(7) Remove and save the outside nut and washer of connector A2P1; then slide it out of its mounting hole so that the attached coaxial cable is free to move with the cavity casting.

(8) Separate the converter chassis from the front panel and cavity casting as follows: Swing the front panel slowly clockwise until the cavity casting is mechanically free of the converter chassis and connected only by the three leads. Do not disconnect these leads.

t. ACCESS TO PARTS IN THE CAVITY CASTING. To gain access to the parts inside the cavity casting, first perform the procedure of

paragraph 5-5s. Next remove and save the seven screws and washers from the cavity cover A2MP21 (figure 5-19); then lift the cavity casting up and away.

u. REPLACING THE MIXING FREQUENCY SELECTOR SWITCH A2S4. -

(1) Perform the procedure of paragraph 5-5t to gain access to the switch.

(2) Unsolder the finger contact assembly A2E5 from the defective switch.

(3) Unsolder all fixed-capacitor leads from the switch terminals; then unsolder the jumpers between the switch terminals and the adjacent trimmer capacitors (figure 5-20). Remove excess solder from the terminal tabs of the trimmer capacitors.

(4) Disassemble the cavity switch as follows: Remove and save the nuts and washers from each nylon screw (MP16 and MP17)

Note

Before proceeding with step (5), note the position of the key on the defective switch with respect to the trimmer capacitors. When installing replacement switch, be certain that its key is oriented the same way.

(5) Remove the two nylon screws (MP16 and MP17), four nylon washers, two ceramic spacers and the defective switch. Discard only the defective switch.

(6) Turn rotor of replacement switch to the position shown in figure 5-21, with the key oriented the same way as noted following step (4).

(7) Place one ceramic spacer A2MP14 and two nylon washers A2MP10 and A2MP11 between the replacement switch and the inside of the cavity cover. Position the ceramic spacer so that it aligns with the mounting hole on the replacement switch.

(8) Feed one nylon screw A2MP16 through the replacement switch, washers, and spacer and screw into mounting hole of the cavity cover. Do not tighten the screw.

(9) Insert the other ceramic spacer, washers, and nylon screw as in steps (7) and (8) and tighten both screws.

(10) Place the finger contact assembly A2E5 over the switch, such that its contacts are facing away from the cavity cover and the open hole is in line with the gearshaft.

(11) Turn the finger contact assembly so that its solder hole is in line with terminal 2 of the replacement switch. Terminal 2 is the common terminal and longer than the others. (See figure 5-21).

Note

The finger contact alignment is important as it must mate and contact evenly the round hub in the cavity casting A2MP20.

(12) Solder terminal 2 of the replacement switch to the outside of the solder hole of the finger

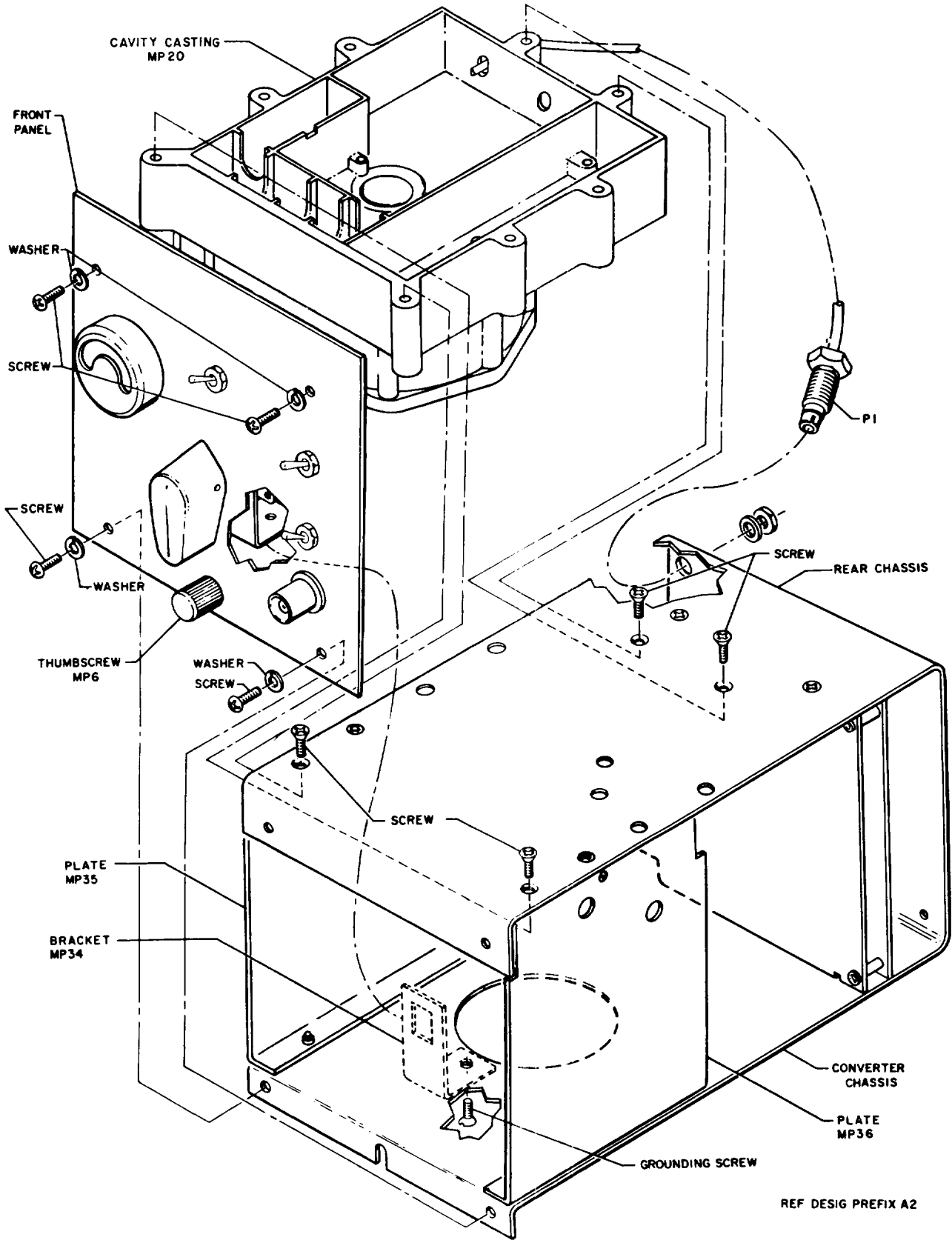


Figure 5-18. Electronic Frequency Converter A2 Exploded View, Front and Rear Chassis Separated

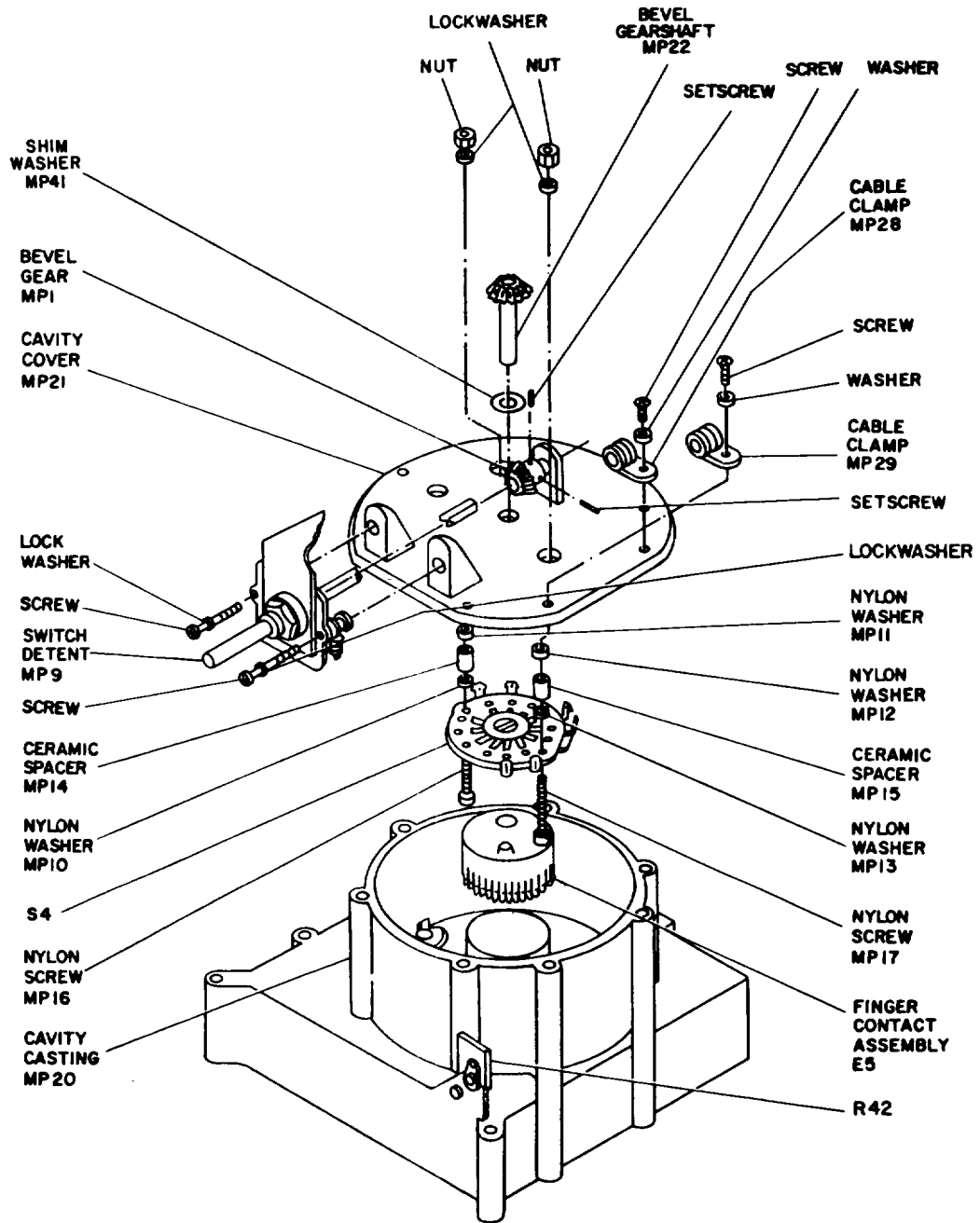


Figure 5-19. Cavity Casting, Exploded View

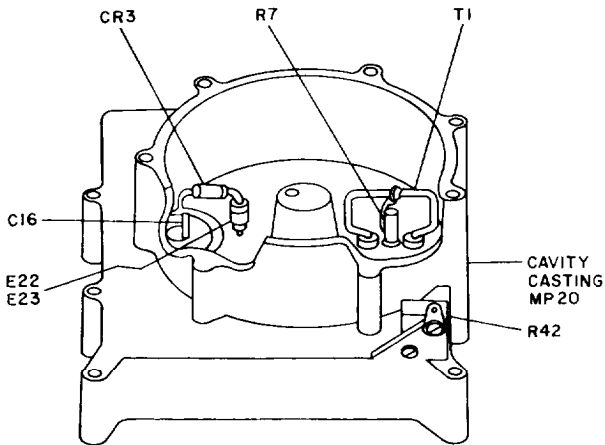
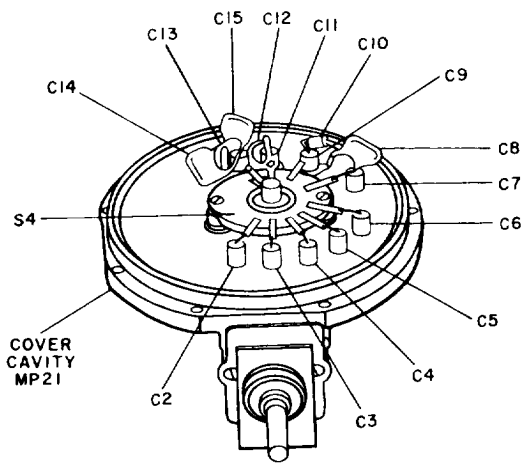


Figure 5-20. Electronic Frequency Converter A2, Cavity, Location of Parts

contact assembly.

(13) Connect and solder a short 20 gauge jumper wire between terminal 2 of the replacement switch and the tab of capacitor A2C2.

(14) Connect and solder a short 20 gauge jumper wire between each remaining terminal of the replacement switch and the tab of the adjacent trimmer capacitor. As an alternate method, the switch terminals may be soldered directly to the capacitor tabs without the use of jumper wires.

REPLACING THE NYLON BEVEL GEAR-SHAFT A2MP22. -

(1) Perform the procedure of paragraph 5-5s.

(2) Set the mixing frequency selector switch to 100.

(3) Loosen the two setscrews on the knob A2MP7 and slide the knob off the shaft (figure 5-22). The front panel may slip forward from spring tension of A2MP40.

(4) Slide the front panel slowly forward until it clears the shaft; then tilt it down to expose the switch detent A2MP9. Remove and save flat washer A2MP38 and spring A2MP40.

(5) Remove and save the two screws and

washers that fasten the switch detent to the cavity cover (figure 5-19).

(6) Loosen the two setscrews on the bevel gear A2MP1.

(7) Slide the switch detent forward and, at the same time, slide the bevel gear towards the rear until the shaft clears the top of the nylon bevel gearshaft. As the bevel gear comes loose set it aside.

(8) Remove and discard the defective gearshaft. Save the shim washer A2MP41.

(9) Insert the replacement gearshaft through the shim washer, through the opening in the center of the cavity cover, and through the switch A2S4. Turn the gearshaft slowly until the rotor of switch A2S4 is oriented as shown in figure 5-21.

(10) Place the switch detent over the top of the nylon gearshaft. Then place the bevel gear between the rear end of the shaft and the bearing on the cavity cover; orient it so that its teeth are facing the top of the nylon bevel gearshaft.

(11) Pass the shaft of the switch detent through the bearing in the cavity cover and secure the switch by means of the two screws and lock washers.

(12) Slide bevel gear A2MP1 forward until meshes with the top of the gearshaft and tighten both setscrews. This gear must be adjusted for smooth, easy rotation with minimum backlash.

(13) Replace spring A2MP40 and flat washer MP38 on switch detent shaft.

(14) Swing the front panel toward the front and up until it clears the front end of the shaft. Slide the shaft through the mounting hole.

(15) Place the knob A2MP7 on the shaft. Align it with the front panel so that it points to the 100 marking (this is its position when the cavity assembly and front panel are aligned as they will be when full assembled to the rear chassis). Tighten both setscrews.

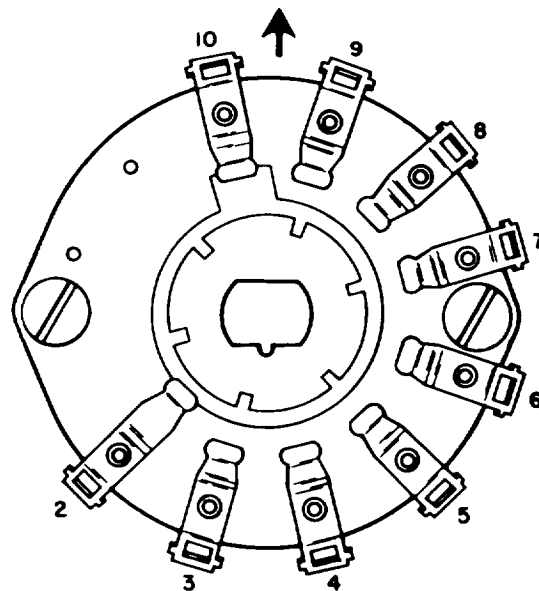


Figure 5-21. Mixing Frequency Selector Switch A2S4, Wafer Diagram

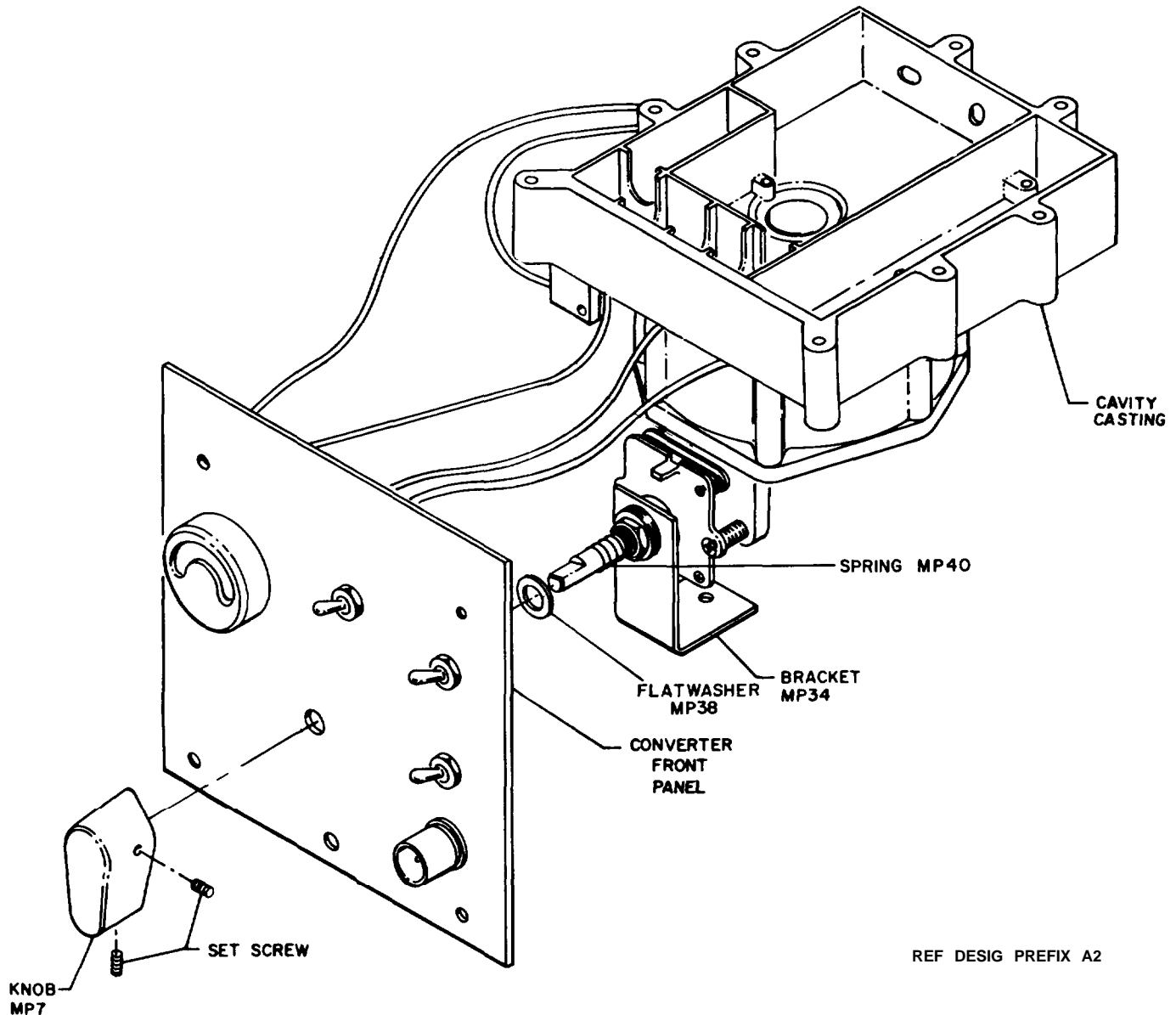


Figure 5-22. Electronic Frequency Converter A2, Front Chassis, Exploded View

SELECTING THE VALUE OF CAPACITOR A2C14. - Capacitor A2C14 of band 100 in the cavity is a part whose value is selected at the factory. It is a 5-percent mica capacitor to Mil standard 242, and has a median value of 33 pf, and maximum of 39 pf, and a minimum of 27 pf. Its final value is determined by the tunability of band 100. Value selection is made when replacing a defective A2C14, or following replacement of capacitor A2C15, and is performed according to the following procedure:

- (1) If a defective A2C14 is being replaced, proceed to step (2). If capacitor A2C15 was replaced proceed to step (5).
- (2) Disassemble the cavity casting as described in paragraph 5-5t.
- (3) Choose a capacitor with a 33-pf value, and connect it temporarily to the terminals normally occupied by A2C14.

- (4) Replace the cavity cover on the cavity casting and secure it temporarily with three screws.

(5) Connect test setup as shown in figure 5-23.

- (6) Follow the procedure of steps (aq) through (au) of paragraph 5-4k(5) and adjust capacitor A2C13 for a peak 10 mc waveform. If the waveform peaks within the adjustment range of A2C13 proceed to step (7). If the waveform peaks at either end of the adjustment range of A2C13, leave the adjustment set at that end and proceed to step (8).

(7) If steps (2) through (4) were performed, disassemble the cavity casting, connect the 33-pf capacitor permanently, reassemble the cavity casting, and retouch A2C 13 for a peak 10-mc waveform. If steps (2) through (4) were not performed, the existing A2C14 is of a correct value and need not be replaced.

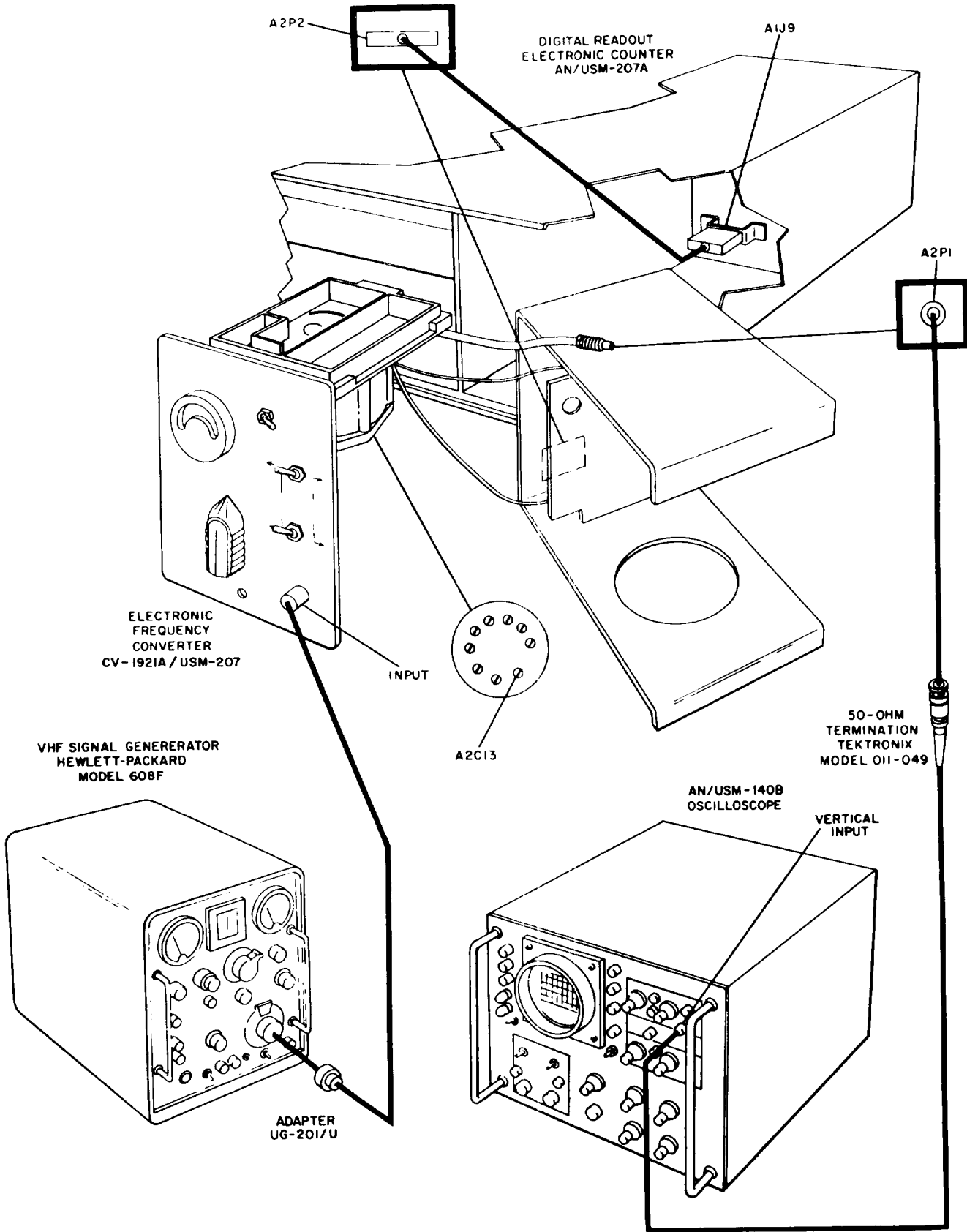


Figure 5-23. Selecting Capacitor A2C14, Test Setup

(8) Note the adjustment setting of A2C13, select a replacement part as shown below and replace A2C14; then adjust A2C13 for a peak 10-mc waveform.

ADJUSTMENT SETTING OF A2C13	VALUE OF EXISTING A2C14	VALUE AND TYPE DESIGNATION OF REPLACEMENT A2C14
All the way in	27 pf	33 pf CM05ED330J03
All the way in	33 pf	39 pf CM05ED390J03
All the way out	39 pf	33 pf CM05ED330J03
All the way out	33 pf	27 pf CM05CD270J03

x. REPLACING RF TRANSFORMER A2T1 . - Rf transformer A2T1 (figure 5-20) is mounted on the inside of the cavity and replaced according to the following procedure:

- (1) Disassemble the cavity casting per paragraph 5-5t.
- (2) Unsolder resistor A2R7 and the coaxial lead from the center of A2T1.
- (3) Trace the two terminals of A2T1 to the outside of the cavity casting, and unsolder the lead from each terminal. Code-mark leads to insure proper reassembly.
- (4) Remove excess solder from the terminals of A2T1 to allow them to slip through the teflon inserts, then remove the defective A2T1.
- (5) Place the terminals of the replacement A2T1 into the teflon inserts; then push them all the way in.
- (6) Solder the leads removed in step (3) to the terminals of A2T1 as marked in step (3).
- (7) Find the geometrical center of A2T1, and solder to that point the resistor and coaxial lead removed in step (2).
- (8) Reassemble the cavity and perform the balance adjustment procedure of paragraph 5-4k(6).

y. REPLACING RESISTOR A2R7. -

- (1) Disassemble the cavity casting per paragraph 5-5t.
- (2) On the inside of the cavity casting, unsoldr the coaxial lead from the defective resistor.
- (3) Unsolder the lead of the defective resistor from rf transformer A2T1.
- (4) Unsolder the other lead of the defective resistor from the cavity casting, then remove the defective resistor.
- (5) Place replacement resistor inside the cavity casting, insert one pigtail lead into the feed-through hole and solder it to the outside of the cavity casting.
- (6) Wrap the end of the other pigtail lead around the top of the geometrical center of rf transformer A2T1, cut off any excess length in the lead, and solder it to the rf transformer.
- (7) Solder the center conductor of the coaxial lead to the replacement resistor approximately halfway between the resistor body and the rf transformer.
- (8) Reassemble the cavity and perform the

balance adjustment procedure of paragraph 5-4k(61).
z. REASSEMBLING THE CONVERTER. -
(1) Place the cavity cover A2MP21 (figure 5-19) over the cavity casting A2MP20; be sure that the finger contact assemble A2E5 of the cavity cover mates smoothly with the projection in the cavity casting.

(2) Align the mounting holes; then secure the cavity cover to the cavity casting by means of the seven screws and washers.
(3) Swing the converter front panel upwards toward the front of the shaft, and slide the shaft through the mounting hole.

(4) Place the knob A2MP7 on the shaft (figure 5-22) and temporarily tighten one of the set-screws on the knob.

(5) Swing the cavity casting along with the converter front panel towards the converter chassis, and align the mounting holes of the converter front panel with the mounting holes on the front of the converter chassis.

(6) Replace the four screws and washers on the converter front panel (figure 5-18). Do not tighten the screws.

(7) Replace the eight screws on top of the converter chassis.

(8) Replace the thumbscrew A2MP6 at the bottom of the converter chassis.

(9) Secure bracket A2MP34 to the bottom of the converter chassis by means of the grounding screw, net and washer.

(10) Pass connctor A2P1 (attached to the end of the coaxial cable) through the mounting hole in the converter chassis, and mount it to the converter chassis by means of the nut and washer.

(11) Loosen the setscrew on the knob tightened in step (4), turn the knob so that it points to the 100 marking on the converter front panel, and tighten both setscrews. Fasten plate A2MP35 with three screws.

ACCESS TO PARTS IN THE RADIO FREQUENCY OSCILLATOR A3. -

- (1) Set counter POWER switch to OFF.
- (2) With a screwdriver loosen the two captive screws on the top and bottom center of A3.
- (3) Slide A3 to-reds the rear and out of the counter chassis, and set on a work table near the counter.

ab. REMOVING THE 1 MC OSCILLATOR A3Y1. -

- (1) Perform the procedure 5-5aa to gain access to A3Y1.
- (2) Facing the right side of A3 (figure 5-56), disconnect the red lead from the +25 VDC terminal, the black lead from the GND terminal, and the white-brown-red lead from the OSC. OUTPUT terminal.
- (3) Set A3 on its left side.
- (4) Remove and save the four screws that mount A3Y1 within A3. These screws are located on the Bottom side of A3 opposite each corner of A3Y1.
- (5) Note orientation of A3Y1 within A3 to insure proper reassembly, then remove and discard defective A3Y1.
- (6) Orient replacement A3Y1 as noted in step (5), insert within A3 and secure with the four mounting screws removed in step (4).
- (7) Connect and solder white-brown-red lead to the OSC. OUTPUT terminal of A3Y1.

(8) Connect and solder the two black leads to the GND terminal of A3Y1.

(9) Connect and solder red lead to the +25 VDC terminal of A3Y1.

(10) Replace A3 within the counter, using the reverse procedure of paragraph 5-5aa.

(11) Perform frequency adjustment procedure described in paragraph 5-4i.

SHIPPING INSTRUCTIONS - 1-MC OSCILLATOR A3Y1 . - Ship the 1-me oscillator (Ovenaire) or the defective module (Electronic Research Co.) to the repair facility according to the following procedure:

(1) Write on a tag the nature of the malfunction and tape it to one side of the oscillator case.

(2) Place the assembly in a plastic bag and wrap it in a double layer of 1/2-inch thick, embossed cellu-cushion. Use paper tape to hold the cellu-cushion in place.

(3) Pack the wrapped assembly in a 12 x 9 x 7-inch cardboard container. Place a layer of shredded paper or similar filler material between each surface of the wrapped assembly and the container walls to insure a snug fit.

(4) Seal the container with paper tape.

(5) Place a warning tag, similar to the one shown below, at two opposite corners of the container.

HANDLE WITH CARE

DELICATE
INSTRUMENTS

FRAGILE !

ad. **ACCESS TO PARTS AND TEST POINTS IN THE 1-MC OSCILLATOR A3Y1.** - Paragraphs ad thru ak apply to the Ovenaire 1-me oscillator; paragraph al applies to the Electronic Research Co. 1-me oscillator. Based on degree of accessibility, parts and test points of the 1-me oscillator are divided into three groups, as follows:

Group 1. Parts in this group are accessible when the 1-me oscillator is removed from the case and stripped of its insulation wrapping. Includes most parts of the temperature-control circuit.

Group 2. Parts in this group are accessible when the frequency generator is removed from the crystal oven. Includes parts mounted on printed circuit board A3Y1E1 as well as the crystal A3Y1Y1, and tuning capacitors A 3Y1C2 and A3Y1C3.

Group 3.. Parts in this group are accessible when the bottom cover is removed from the crystal oven. Includes parts of the temperature control not included in Group 1.

DISASSEMBLING THE 1-MC OSCILLATOR A3Y1. - OVENAIRE

(1) Remove and save the eight screws (four on each side) from the case of the 1-me oscillator (see figure 5-24).

(2) Remove and save the screw and washer that secure the top cover A3Y1MP19 and remove the top cover and insulation pad.

(3) Unsolder the yellow, red, and black leads from the feedthru terminals A3Y1E19 through A3Y1E21.

(4) Slide the 1-me oscillator out of its case;

remove the glass tape and insulation wrapping A3Y1MP20 from the crystal oven.

(5) Remove and save the two screw-shafts (A3Y1MP21 and A3Y1MP22) and locking screws (figure 5-25).

(6) Unsolder the black lead from stud terminal A3Y1E18.

(7) Remove and save the eight screws and nuts that secure the crystal-oven cover A3Y1MP23 and remove the crystal-oven cover and crystal pad.

(8) Remove and save the three screws and washers that secure the frequency generator to the crystal oven; then slide the frequency generator out of the crystal oven.

(9) Remove the two screws and six washers that secure printed circuit board A3Y1E1 to the panel A3Y1MP6. Ail test points on the printed circuit board are now accessible, including test points J and K which are located on the foil side.

(10) Remove the four screws and washers that secure the bottom cover A3Y1MP26 to the crystal oven; then remove the bottom cover. Parts mounted on the bottom of the crystal oven are now accessible.

(11) To reassemble the 1-me oscillator, perform the procedure of steps (1) through (10) in a reverse order.

REPLACING TRANSISTORS A3Y1Q5 THROUGH A3Y1Q7. -

(1) Perform the procedure of steps (1) through (4) of paragraph ae.

(2) Remove all connections from the three leads of the transistor to be replaced (figure 5-26). Code-mark connections to insure proper reassembly.

(3) Remove and save the disc insulator (A3Y1MP13 through 15).

(4) Place crystal oven into a temperature chamber preheated to 225° F.

(5) Leave crystal oven in the temperature chamber for approximately 1/2 hour; then remove it.

(6) Note orientation of transistor with respect to the crystal oven.

(7) With a small pair of long-nosed pliers grasp all three transistor leads; using edge of crystal oven as a pivot, pry the transistor gently but firmly out of the crystal oven.

(8) Apply Epoxy Adhesive, Tape 1 Mil-S-8623, into the opening in the crystal oven which houses the transistor.

(9) place crystal oven into a temperature chamber preheated to 225° F, and leave it there for approximately 15 minutes to cure.

(10) Remove crystal oven from temperature chamber.

(11) Apply Epoxy Adhesive, Type Mil-S-8623, around the entire replacement transistor, place insulation insert A3Y1MP16 (or MP17 or MP18) over the transistor, and together insert them into the opening on the crystal oven. Be sure the transistor is oriented as noted in step (6).

(12) Repeat the procedure of step (8).

(13) Replace the disk insulator.

(14) Replace the connections removed in step (2).

ag. **REPLACING TRANSISTOR A3Y1Q8. -**

(1) Remove all connections from the three leads of the transistor. Code-mark connections to

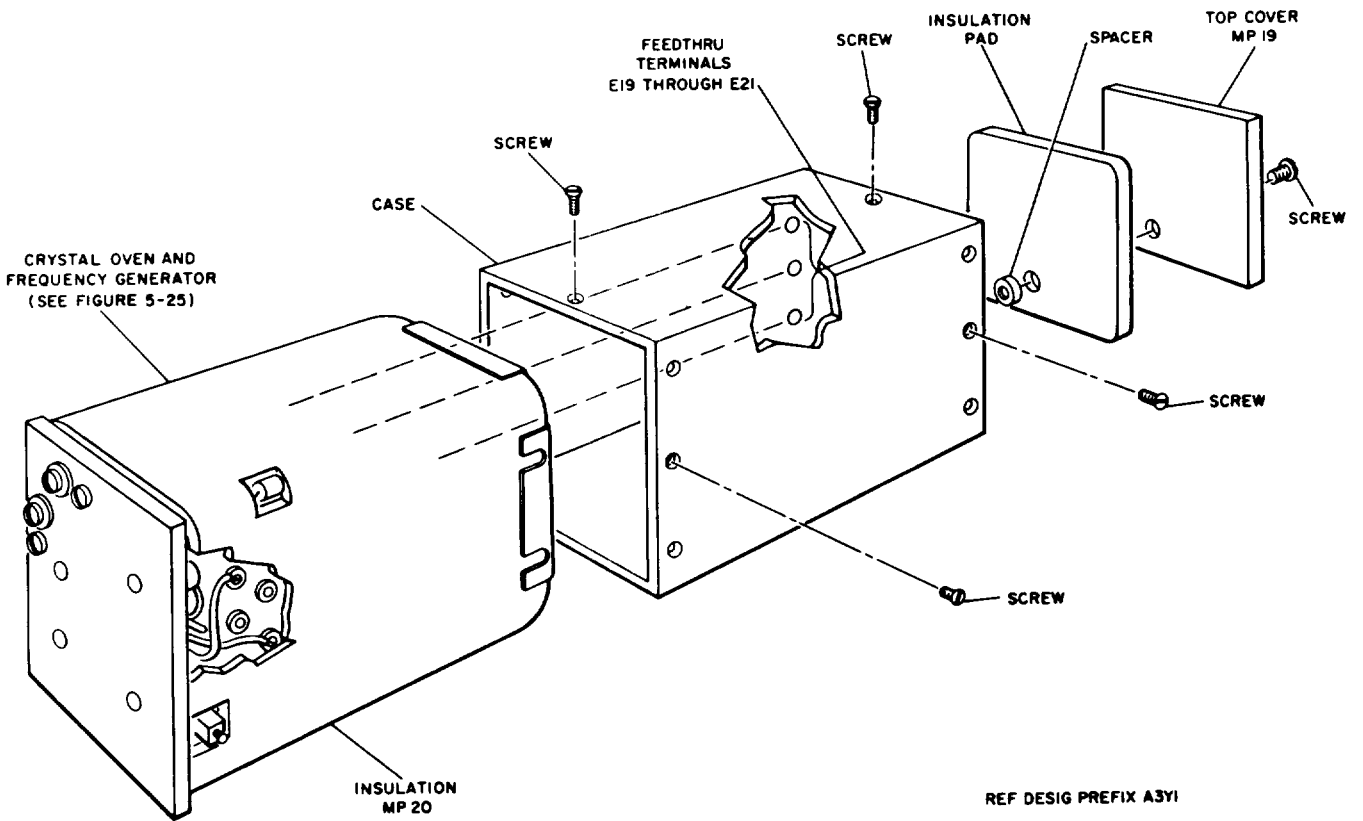


Figure 5-24. Disassembly of 1-MC Oscillator A3Y1 (OVENAIRE)

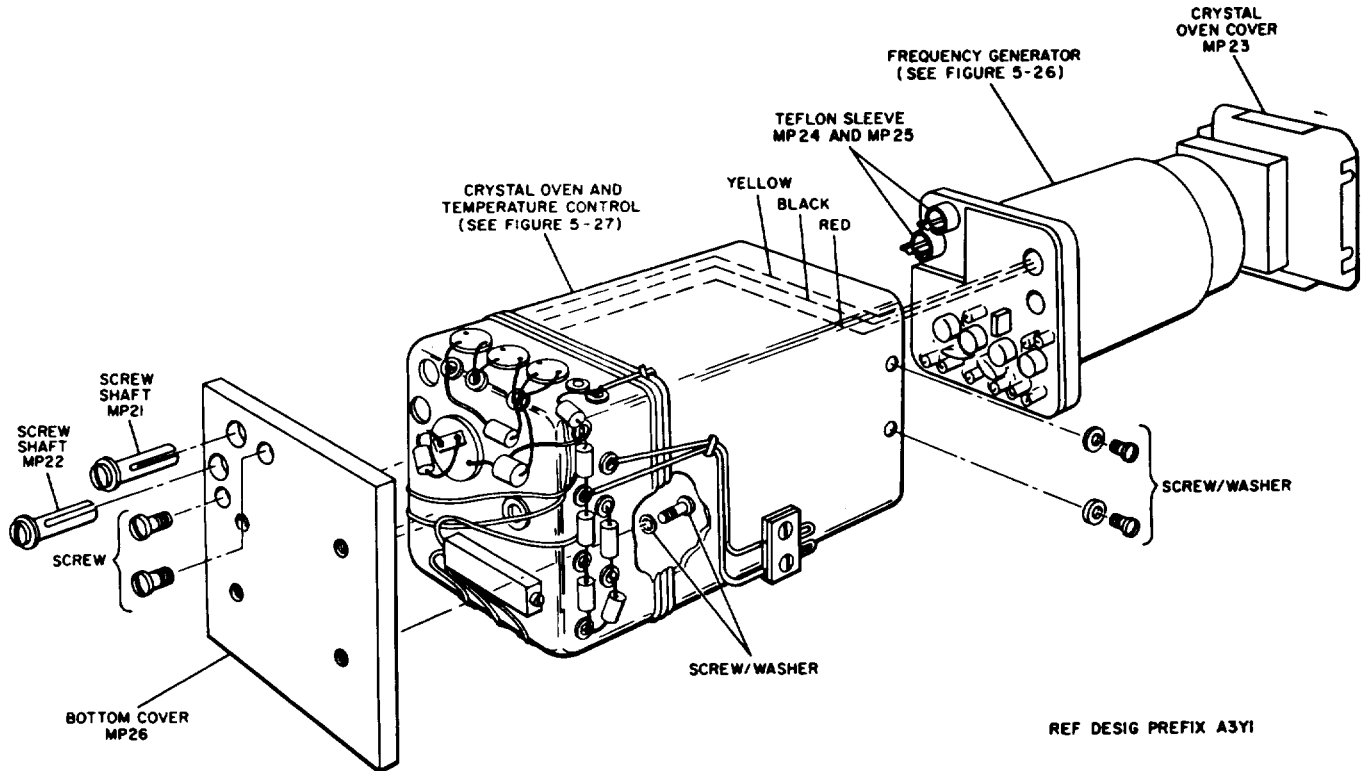


Figure 5-25. Disassembly of Crystal Oven (OVENAIRE)

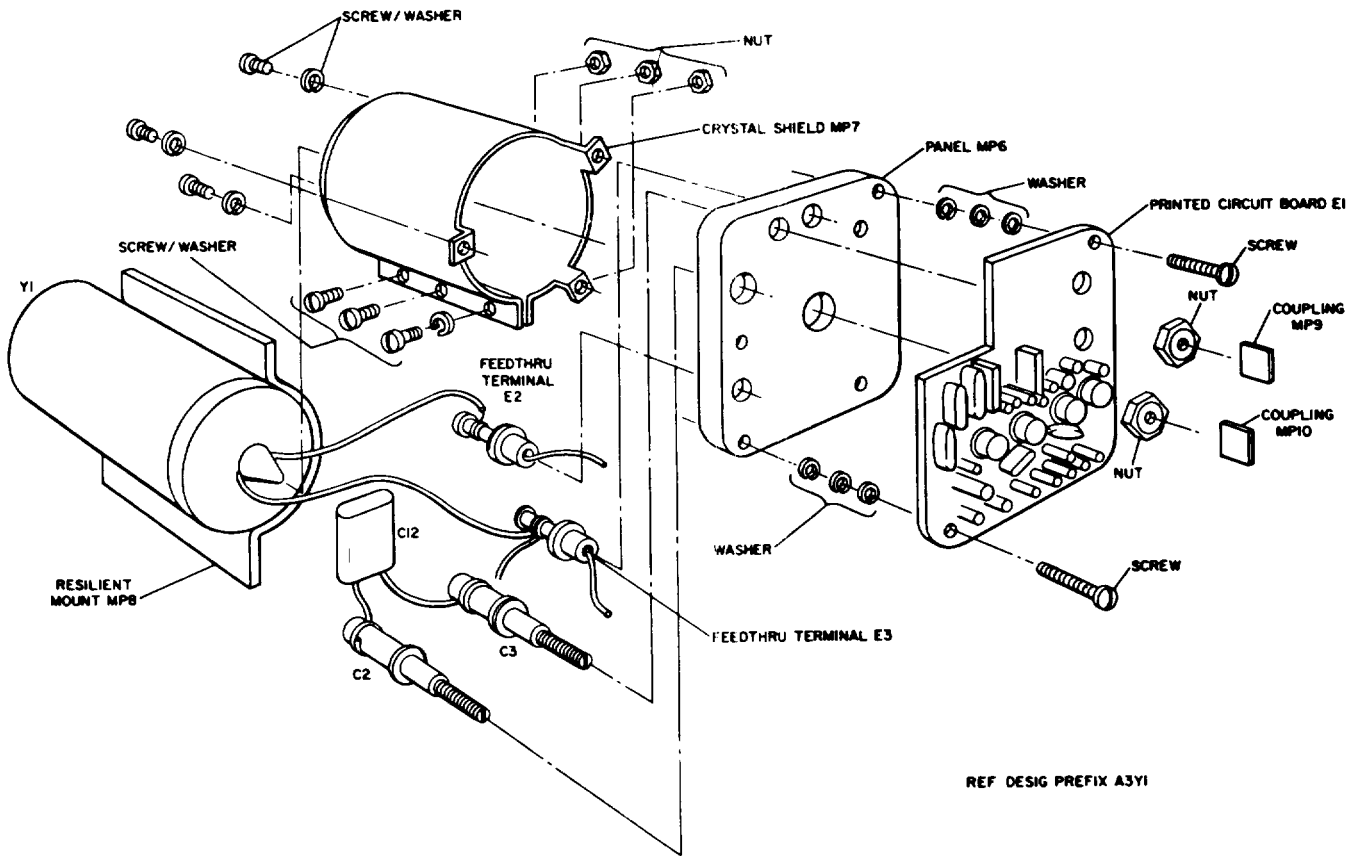


Figure 5-26. Disassembly of Frequency Generator (OVENAIRE)

insure proper reassembly.

(2) Apply rosin-core flux and solder to the bottom surface of the transistor. Note orientation of transistor.

(3) After the transistor has warmed up sufficiently, grasp the three leads with a pair of long-nosed pliers; then pull up and out.

(4) While crystal oven is still warm, scrape off excessive adhesive from inside and around transistor mounting hole.

(5) Apply Epoxy Adhesive, Type 1 Mil-S-8623, against the flange of the replacement transistor so that it forms a ring around the transistor case.

(6) Insert transistor into the mounting hole of the crystal oven. Rotate back and forth to smooth out adhesive; then position it so that it is oriented as noted in step (2).

(7) Scrape off excessive adhesive from around the transistor case.

(8) Place crystal oven in a temperature chamber preheated to 225°F, and allow it to cure for approximately 15 minutes.

(9) Remove crystal oven from temperature chamber.

(10) Cut off a square piece of mica insulation supplied with the replacement transistor, and place it over the bottom surface of the transistor; allow the emitter and base leads to pass through the two holes of the insulation.

(11) Replace all connections removed in step (1).

ah. REPLACING CRYSTAL A3Y1Y1. —

(1) Perform the procedure of steps (1)

through (8) of paragraph ae.

(2) Unsolder the two crystal leads from feedthru terminals A3Y1E2 and A3Y1E3 (figure 5-27).

(3) Remove and save the six screws and lockwashers that secure the crystal shield A3Y1MP7 to the panel A3Y1MP6; then remove the crystal shield together with the crystal.

(4) Remove and save the three screws, washers, and nuts that secure the crystal shield to the crystal; then remove the crystal shield.

(5) Remove and save the resilient mount A3Y1MP7 from around the defective crystal.

(6) Wrap resilient mount around the glass envelope of the replacement crystal; hold the wrap in place with one hand and slide the crystal shield over it. Allow the two crystal leads to pass through the bottom opening of the crystal shield.

(7) Secure crystal shield to the crystal by means of the three screws, washers, and nuts removed in step (4).

(8) Secure the crystal shield together with the crystal to the panel by means of the six screws and lockwashers removed in step (3).

(9) Place flexible tubing on each crystal lead; then solder the m to the two feedthru terminals; either one of the leads may be soldered to either terminal.

(10) Reassemble the 1-me oscillator by following steps (1) through (8) of paragraph ac in a reverse order.

(11) Perform the frequency adjustment procedure of paragraph 5-4i. Modify the test setup by

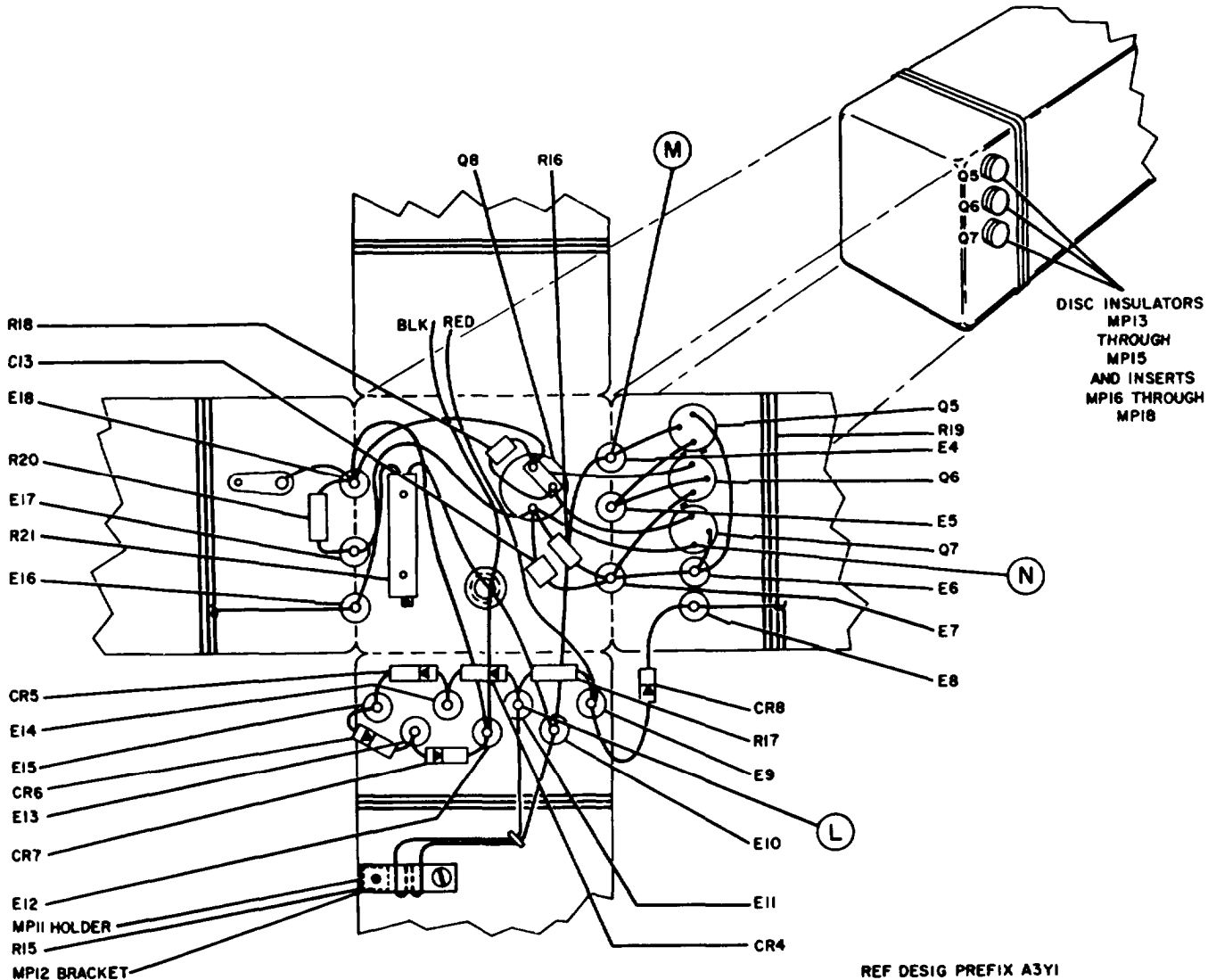


Figure 5-27. Crystal Oven, Location of Parts (OVENAIRE)

applying operating power from an external power supply to the appropriate terminals of the 1-mc oscillator and obtain the 1-mc output signal from the 1-mc terminal.

(12) Set the temperature of the crystal oven to the turning point of the crystal as described in paragraph ai.

ai. SETTING THE TEMPERATURE INSIDE THE CRYSTAL OVEN. -

Note

The temperature setting procedure must be performed with special test equipment not available on board ship.

For proper operation, the regulated value of the temperature inside the crystal oven must be set to the turning point of the crystal. The turning point of a crystal is a temperature value where the crystal frequency is least sensitive to changes in temperature. The average crystal has its turning point at

+75° c. Others may range from +70° C to +80° C. The procedure for setting the crystal-oven temperature is given below. Perform it following replacement of the crystal or a part in the temperature control circuit.

(1) EXTENT OF DISASSEMBLY. To gain access to temperature setting resistor A3Y1R21, first perform steps (1) and (2) of paragraph ae. Next, slide the 1-mc oscillator partially out of its case, until the adjustment screw of the temperature setting resistor becomes visible. Do not disconnect the leads or remove any insulation padding.

(2) TEST SETUP.

(a) Connect test setup as shown in figure 5-28.

CAUTION

Do not connect dc power supply into the test setup until its output voltage has been set to approximately +25 volts.

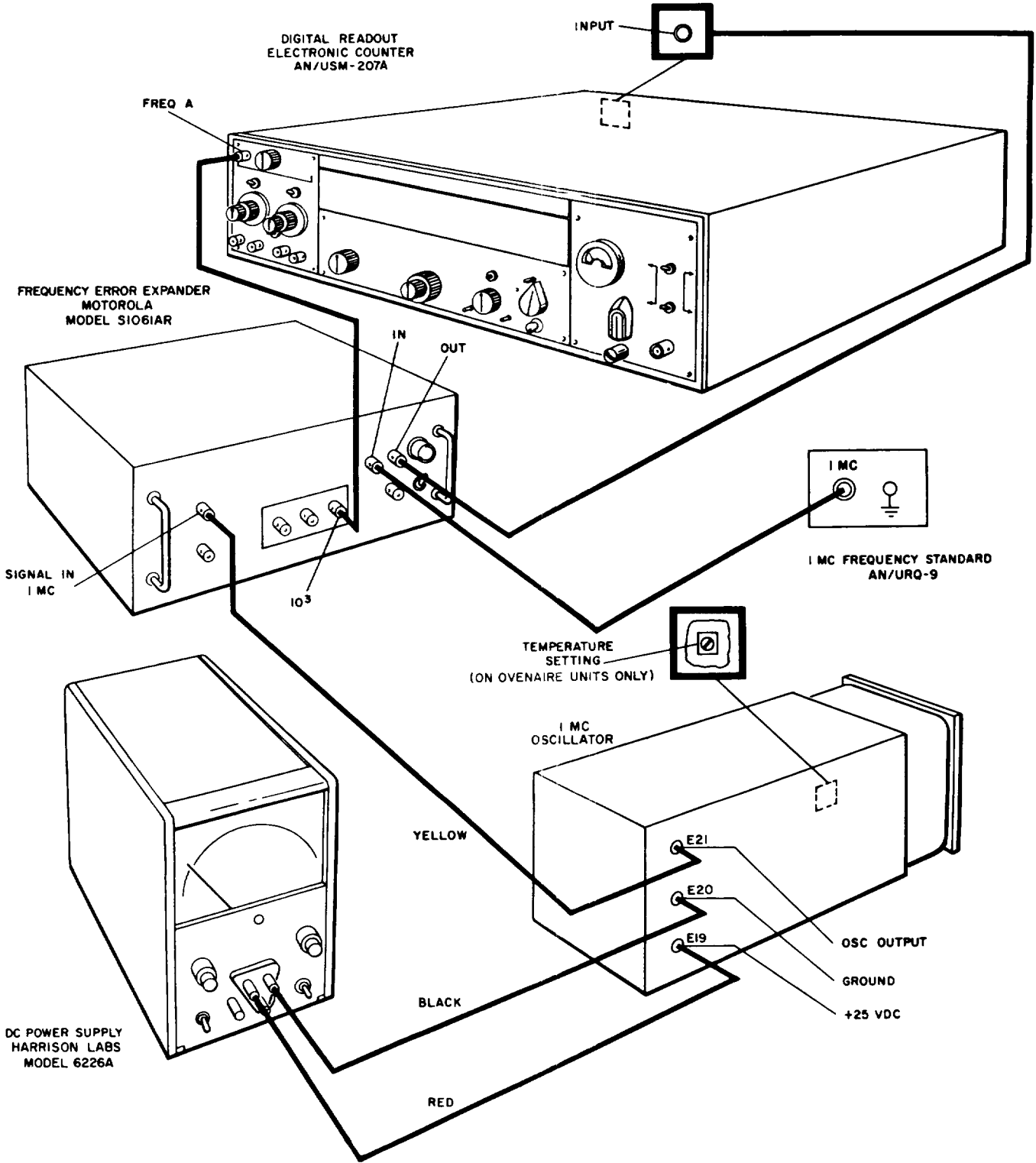


Figure 5-28. 1-MC Oscillator A3Y1 Test Setup. Temperature Setting (Ovenaire); Frequency Setting (Electronic Research Co.)

- to 1V .
- (b) Set counter SENSITIVITY switch
- (c) Set counter POWER switch to STORE,
- (d) Set counter FUNCTION switch to
- FREQ.
- (e) Set counter time base switch to 1.
- (f) set counter REF FREQ 100 KC or
- 1 MC switch to EXT.
- (g) Set counter DISPLAY control to
- MIN.
- (3) WARM-UP. Allow a minimum of two hours for warmup before setting the temperature.
- (4) INSTRUCTIONS.
- (a) Observe and record digital display.
- (b) With a screwdriver turn the adjustment screw of temperature setting resistor A3Y1R21 approximately 1/10 of a turn clockwise. Monitor digital display for five minutes; then record the results at the end of five minutes.

Note

Clockwise turn of A3Y1R21 increases oven temperature.

(c) Repeat the procedure of step (b) two or three times until a trend in frequency can be determined, If the frequency increases, proceed to step (d). If the frequency decreases, proceed to step (e). If the frequency remains essentially the same, proceed to step (f).

(d) Repeat the procedure of step (b) several times but turn A3Y1R21 in a counterclockwise direction. At first, the frequency will decrease with each incremental turn of A3Y1R21, followed by a region where the frequency will remain constant (inflection region), and then it will start to rise again. Note the setting of A3Y1R21 at each of the two critical points (see figure 5-29) and set it midway between these two points.

(e) Repeat the procedure of step (b) several times. As in step (d), the frequency will first decrease, followed by a region where it will essentially remain constant, and then start to increase. Note the setting of A3Y1R21 at each of the two critical points, and set it midway between these two points.

(f) Find the two critical points by turning A3Y1R21 first in one direction and then in the other in 1/10-turn incremental steps; allow five minutes for each step as in step (b). Set A3Y1R21 midway between these two critical points.

aj. SELECTING THE VALUE OF CAPACITOR A3Y1C4. - Capacitor A3Y1C4 is a part whose value is selected at the factory. E has a mean value of 160 pf, and may range from 56 pf to 220 pf. It is selected according to the following procedure:

Note

The following procedure must be performed with special test equipment not available on board ship.

(1) Loosen the two locking screws and turn the COARSE and FINE adjustment capacitors A3Y1C3 and A3Y1C2 fully counterclockwise.

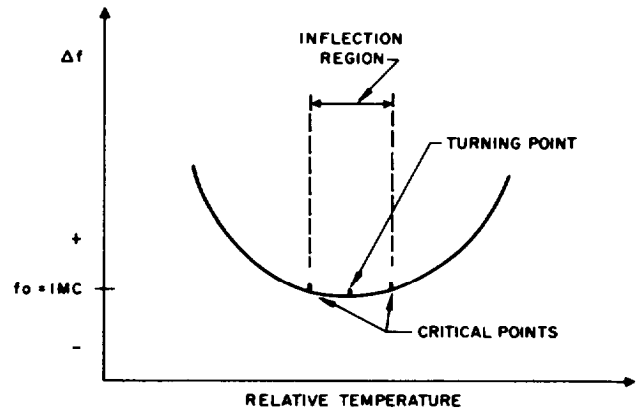


Figure 5-29. 1-MC Oscillator A3Y1, Frequency versus Temperature Curve

- (2) Follow the procedure of steps (1) through (8) of paragraph ae, and separate the frequency generator from the crystal oven.
- (3) Place frequency generator into a temperature chamber preheated to + 75°C; leave it in the temperature chamber for a minimum of two hours.
- (4) Remove the frequency generator from the temperature chamber.
- (5) Connect frequency generator within the test setup shown in figure 5-30. .

CAUTION

Before connecting the frequency generator into the test setup be sure that the dc power supply is set for an output voltage of exactly +25 volts.

- (6) Set counter SENSITIVITY switch to 1V.
- (7) Set counter POWER switch to STORE.
- (8) Set counter FUNCTION switch to FREQ.
- (9) Set counter time base switch to 1.
- (10) Set counter REF FREQ 100 KC or 1 MC switch to EXT.
- (11) Set counter DISPLAY control to MIN.
- (12) Starting with a value of from 56 pf to 65 pf, place a capacitor into the eyelets normally occupied by A3Y1C4.
- (13) Observe digital display. If display is greater than 01003.000 kc, gradually increase value of A3Y1C4 until a reading of 01002.000 kc ±1. 000 kc is obtained.
- (14) Replace frequency generator within the crystal oven and reassemble the 1-mc oscillator by following the procedure of steps (1) through (8) of paragraph ae in a reverse order.
- (15) Perform the frequency adjustment procedure of paragraph 5-4i. Modify the test setup by applying operating power from an external power supply to the appropriate terminals of the 1-mc oscillator, and obtain the 1-me output signal from the 1 mc terminal.
- ak. SELECTING THE VALUE OF RESISTOR A3Y1R1. - Resistor A3Y1R1 is a factory-selected part which determines the gain of the 1-mc oscillator. It has a mean value of approximately 40 k and may range from 10 k to 150 k. The correct value of

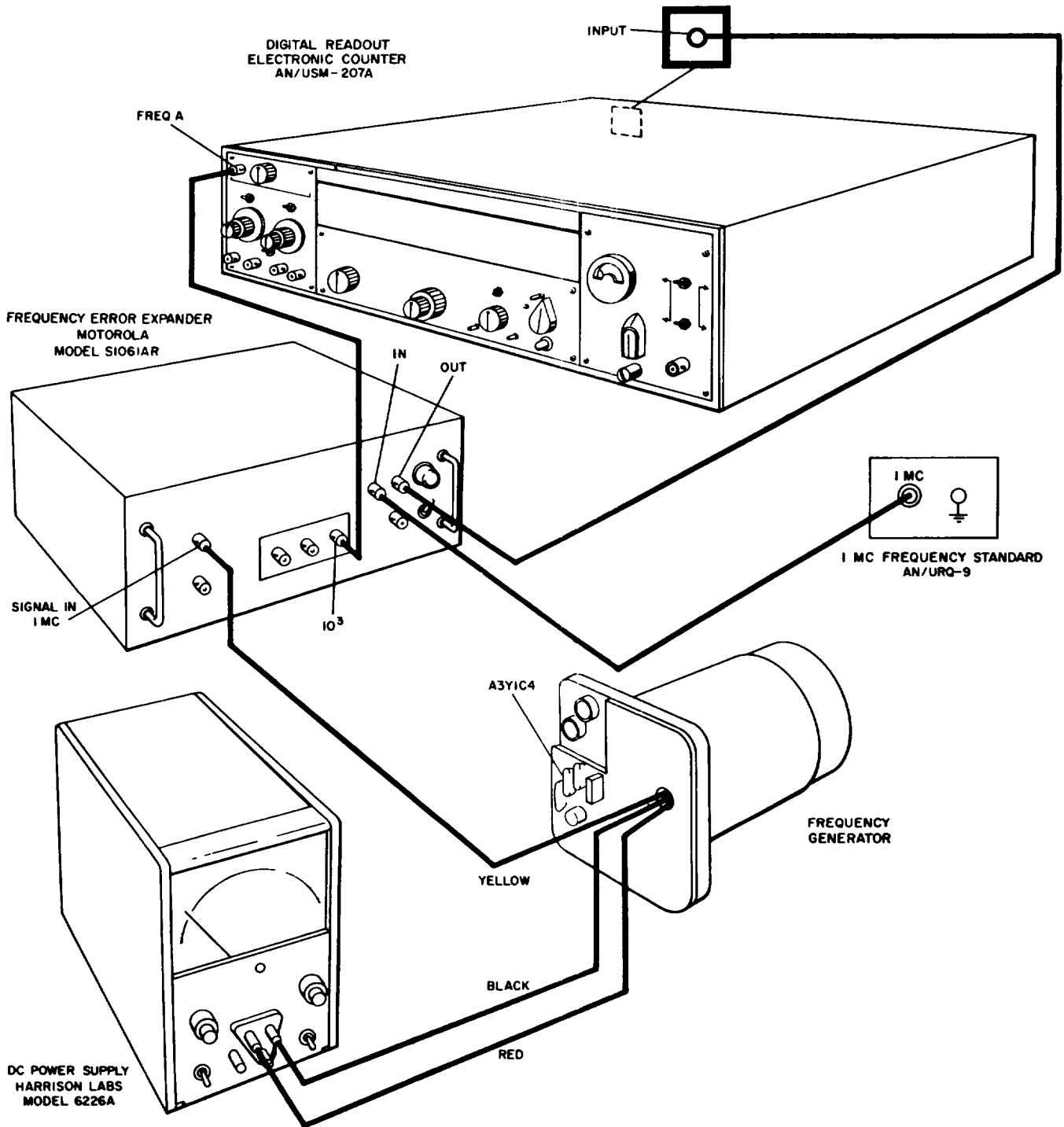


Figure 5-30. Selecting Capacitor A3Y1C4, Test Setup (OVENAIRE)

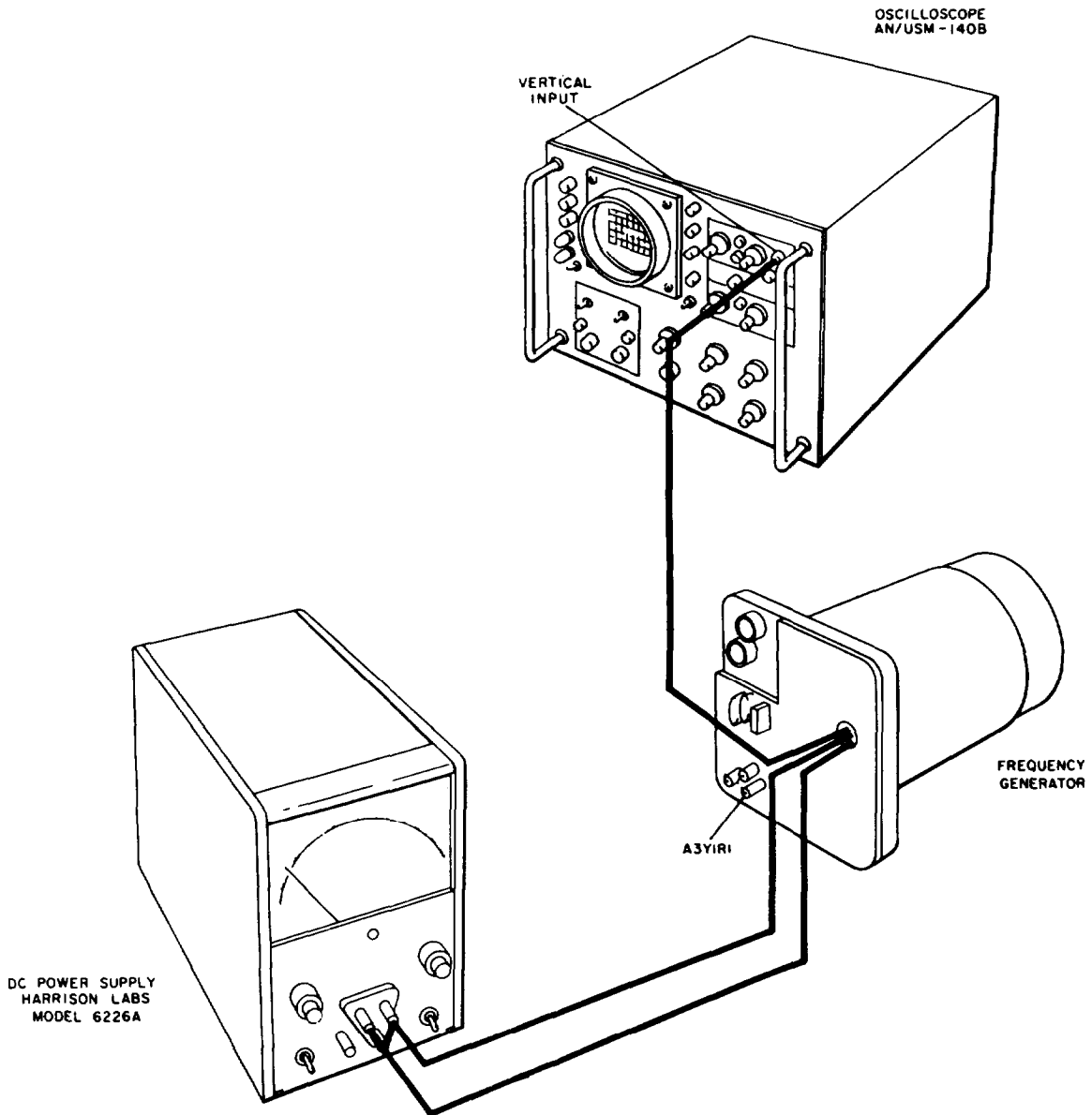


Figure 5-31. Selecting Resistor A3Y1R1, Test Setup (OVENAIRE)

this resistor is one which sets the amplitude of the 1-mc output signal between 3 volts and 4 volts peak-to-peak. The procedure is as follows:

Note

The following procedure must be performed with special test equipment not available on board ship.

- (1) Follow the procedure of steps (1) through (8) of paragraph ae and separate the frequency generator from the crystal oven.
- (2) Connect frequency generator within the test setup shown in figure 5-31.

CAUTION

Before connecting the frequency generator into the test setup, be sure that the dc power supply is set for an output voltage of exactly +25 volts.

- (3) Set oscilloscope controls for a vertical deflection of 1 v/cm, a sweep rate of 1 us/cm, and internal triggering.
- (4) Connect a rheostat (or potentiometer) of approximately 200 k across the eyelets normally occupied by A3Y1R1.
- (5) Adjust the rheostat for a waveform amplitude of 3.5 volts peak-to-peak
- (6) Disconnect the rheostat and measure its adjusted resistance; then connect in its place a

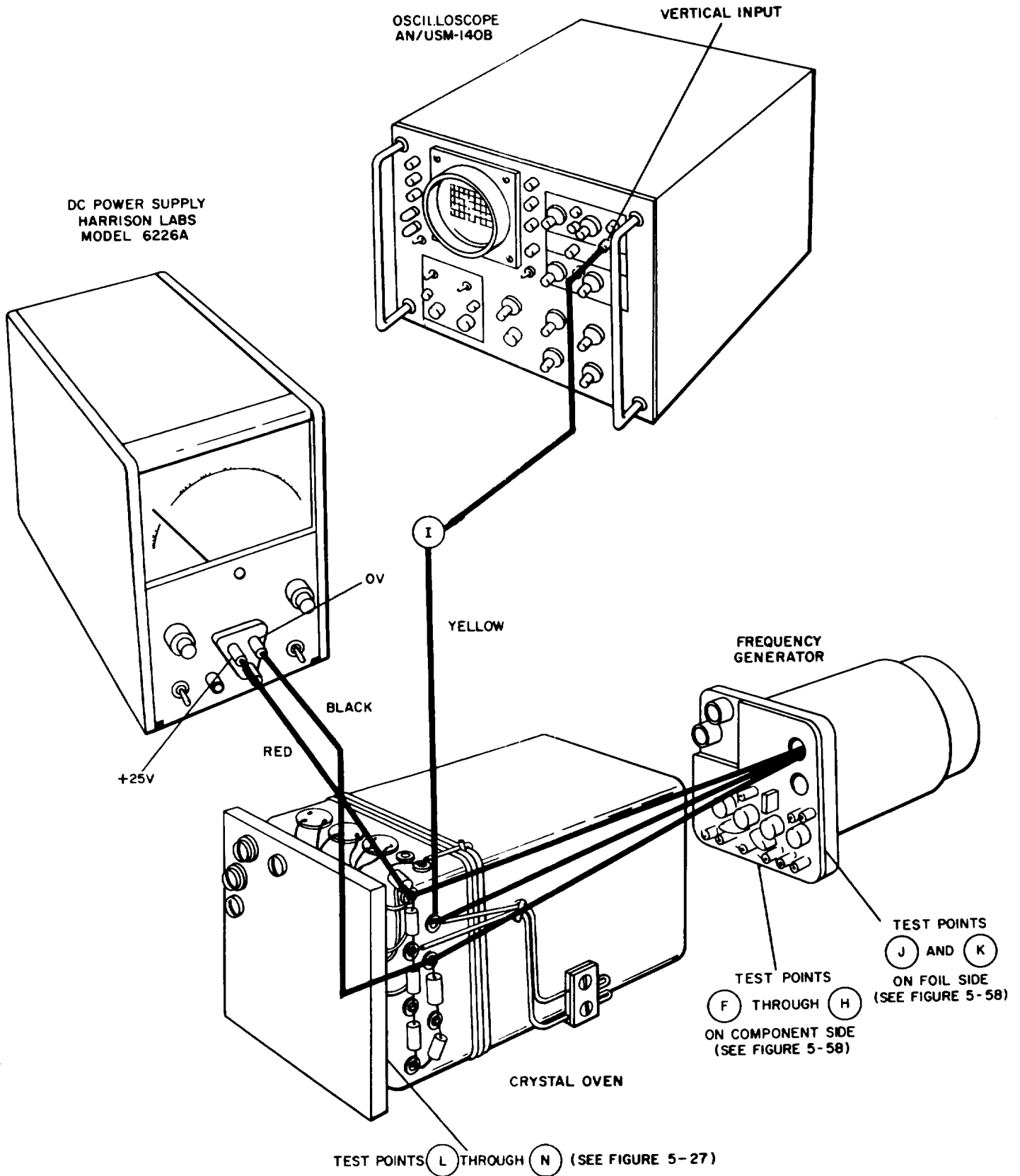


Figure 5-32. I-MC Oscillator A3Y1 Trouble Shooting, Test Setup (OVENAIRE)

1/4-watt, 2-percent resistor with an ohmic value nearest the measured value.

a. DISASSEMBLING THE IMC OSCILLATOR A3Y1. — ELECTRONIC RESEARCH CO.

(1) Disassembly of the 1-MC oscillator is described in SECTION 4, TABLE 4-4; also see figure 5-33. After replacement of module A or module B, the reverse procedure should be used to reassemble the oscillator.

(2) Replacing Module A - When test data indicates that replacement of module A is necessary the drive resistor and correlation capacitor in module B must also be changed. The drive resistor is located between points 1 and 2 on module B (see figure 5-34). The correlation capacitor may consist of one or two capacitors located between points 3 and 4 in module B (see figure 5-34). Remove and discard the drive resistor and corre-

lation capacitor. Install the new drive resistor and correlation capacitors (supplied with replacement module A) in their respective places and reassemble the oscillator.

(3) Replacing Module B - When test data indicates that replacement of module B is necessary the drive resistor and correlation capacitors must be removed from the defective module, these or components of the same value and type must be installed in the new replacement module B. Module B is supplied without the drive resistor or correlation capacitors. The drive resistor is located between points 1 and 2 in module B (see figure 5-34). The correlation capacitor may be one or two capacitors located between points 3 and 4 on module B (see figure 5-34). After installation of these components, reassemble the oscillator.

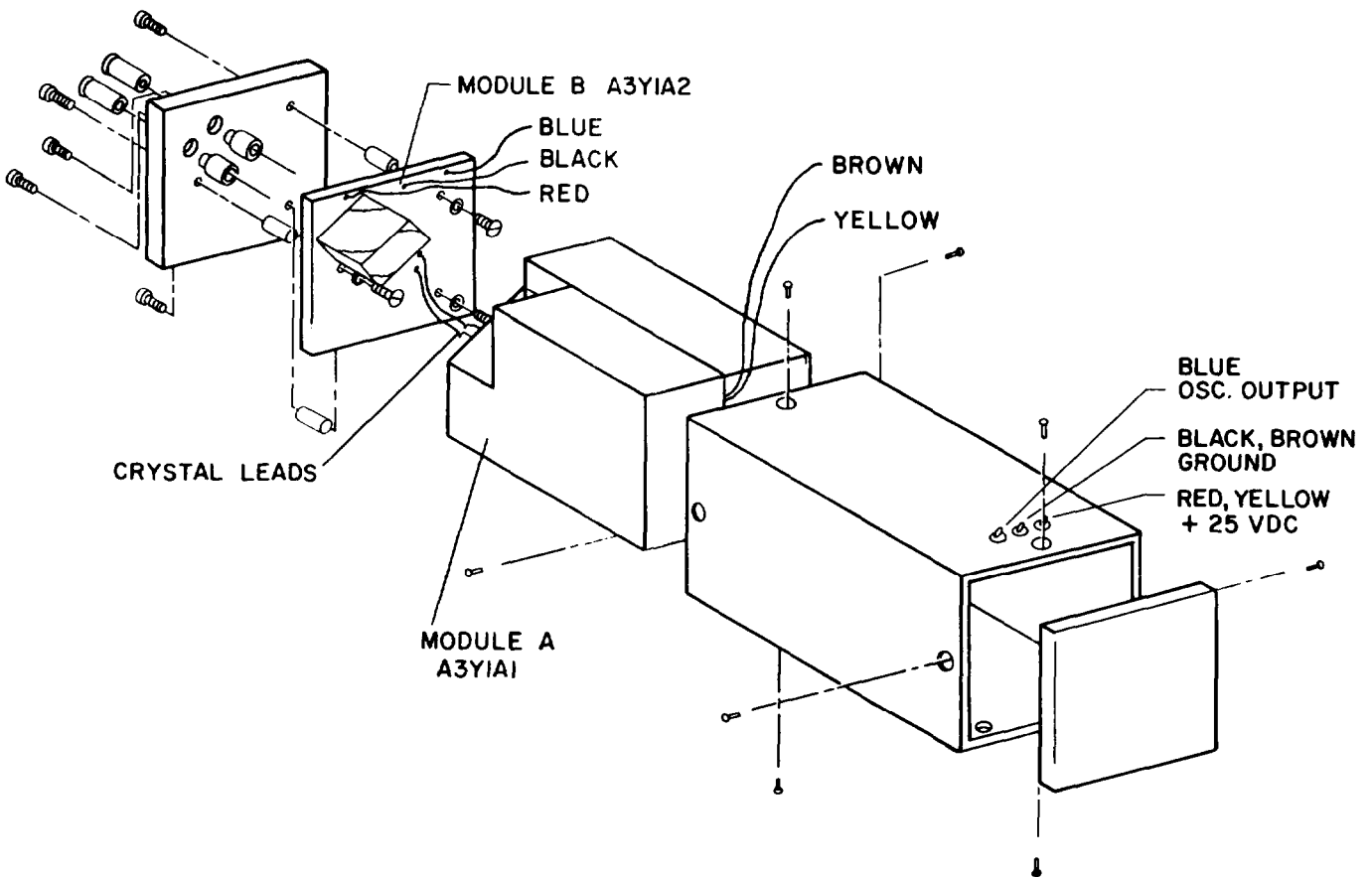


Figure 5-33. Disassembly of 1-MC Oscillator A3Y1. (ELECTRONIC RESEARCH CO.)

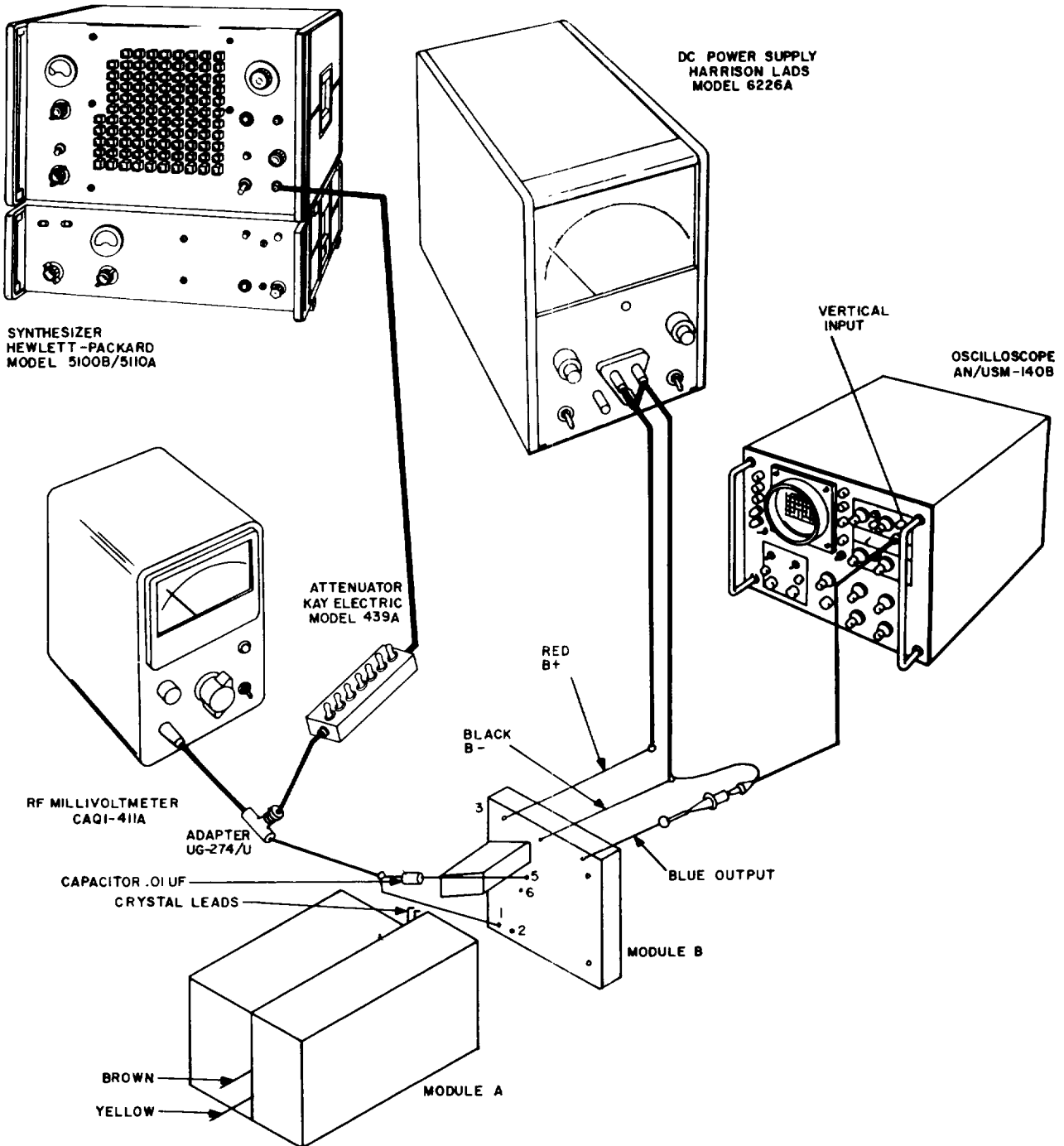


Figure 5-34. 1-MC Oscillator A3Y1 Trouble Shooting, Test Setup, (Electronic Research Co.)

am. REPLACING LEADS ON CONNECTORS A1J3 AND A1J4. — The center conductor of connectors A1J3 and A1J4 each has two wires connected to it: the pigtail lead of a capacitor and a lead which connects to mode selector switch A1S9. When, on a given connector, either the capacitor or the lead needs to be replaced, also disconnect the other lead: either lead has sufficient service loop in it, and can be reused. Insert both the replacement lead and the reused lead together within the hollow of the center conductor of the connector, and solder in one operation.

an. REPLACING JUMPER WIRES ON CONNECTORS A1J8 AND A1J9 OF THE COUNTER, A2P2 OF THE CONVERTER, AND A3P1 OF THE OSCILLATOR. — On these connectors, all terminals which are at ground potential are connected together by means of jumper wires. When, on a given connector, a jumper wire needs to be replaced, replace the other wire (or wires) as well. Solder each Pair of wires connecting to the same terminal in one operation.

ao. ALIGNMENT PROCEDURE FOLLOWING REPLACEMENT OF CONNECTORS A2P2 AND A3P1. — Each of these connectors is secured by means of two Phillips-head screws to converter A2

and oscillator A3, respectively. After replacing either of these connectors, align it according to the following procedure:

(1) Loosen but do not remove the two Phillips-head screws securing the connector to the assembly (converter or oscillator, as applicable).

(2) Slide the assembly towards the center of the counter until the two alignment prongs of the connector align with the mating receptacle of the counter.

(3) Place middle-finger on connector and hold connector firmly in its aligned position; then slide assembly slowly out of the counter until the two Phillips-head screws are accessible, and tighten the two Phillips-head screws.

ap. COMPATIBILITY ADJUSTMENT BEFORE INSTALLATION OF NEW CONVERTER A2 OR AFTER INSTALLATION OF NEW MULTIPLIER A1A6. —

(1) Set counter POWER switch to OFF.

(2) Connect preliminary test setup as shown in figure 5-3 except do not make connection between A2P1 of the converter and A1J10 of the counter.

(3) Terminate A2P1 in 50 ohms. Use a Tektronix Model 011-049 or similar 50-ohm termination.

(4) Connect the probe of an AN/USM-140B oscilloscope to the 50-ohm termination.

TABLE 5-21. SCHEMATIC DIAGRAMS CROSS-REFERENCE

Note

The assemblies and parts which are referenced between schematic diagrams are listed in the left-hand column below and are shown schematically on the illustrations listed in the right-hand column.

ASSEMBLY REFERENCE DESIGNATOR	SCHEMATIC DIAGRAM FIGURE NUMBERS
A1	5-63, 5-76, 5-78, 7-80, 5-81
A1A1	5-80
A1A2	5-68
A1A3	5-68
A1A4	5-68
A1A5	5-67
A1A6	5-66
A1A7	5-71, 5-79
A1A8	5-70
A1A9	5-72
A1A10	5-69, 5-80
A1 A11	5-64, 5-65
A1 A12	5-75, 5-77
A1A13	5-75, 5-77
A1A14	5-75, 5-77
A1A15	5-75, 5-77
A1A16	5-75, 5-77
A1A17	5-74, 5-77
A1A18	5-74, 5-77
A1A19	5-73, 5-77
A1A20	5-63

ASSEMBLY REFERENCE DESIGNATOR	SCHEMATIC DIAGRAM FIGURE NUMBERS
A1A21	5-63
A1A22	5-64
A1A23	5-65
A1DS4	5-78
A1DS5	5-78
A1DS6	5-78
A1DS?	5-78
A1DS8	5-78
A1DS9	5-78
A1J9	5-61
A1J10	5-63
A1J11	5-76
A1P1	5-70
A1S1	5-59, 5-80
A1S2	5-81
A1S3C	5-81
A1S41	5-81
A1S9	5-64
A1S13	5-66
A2	5-61
A2A1	5-62
A3	5-60

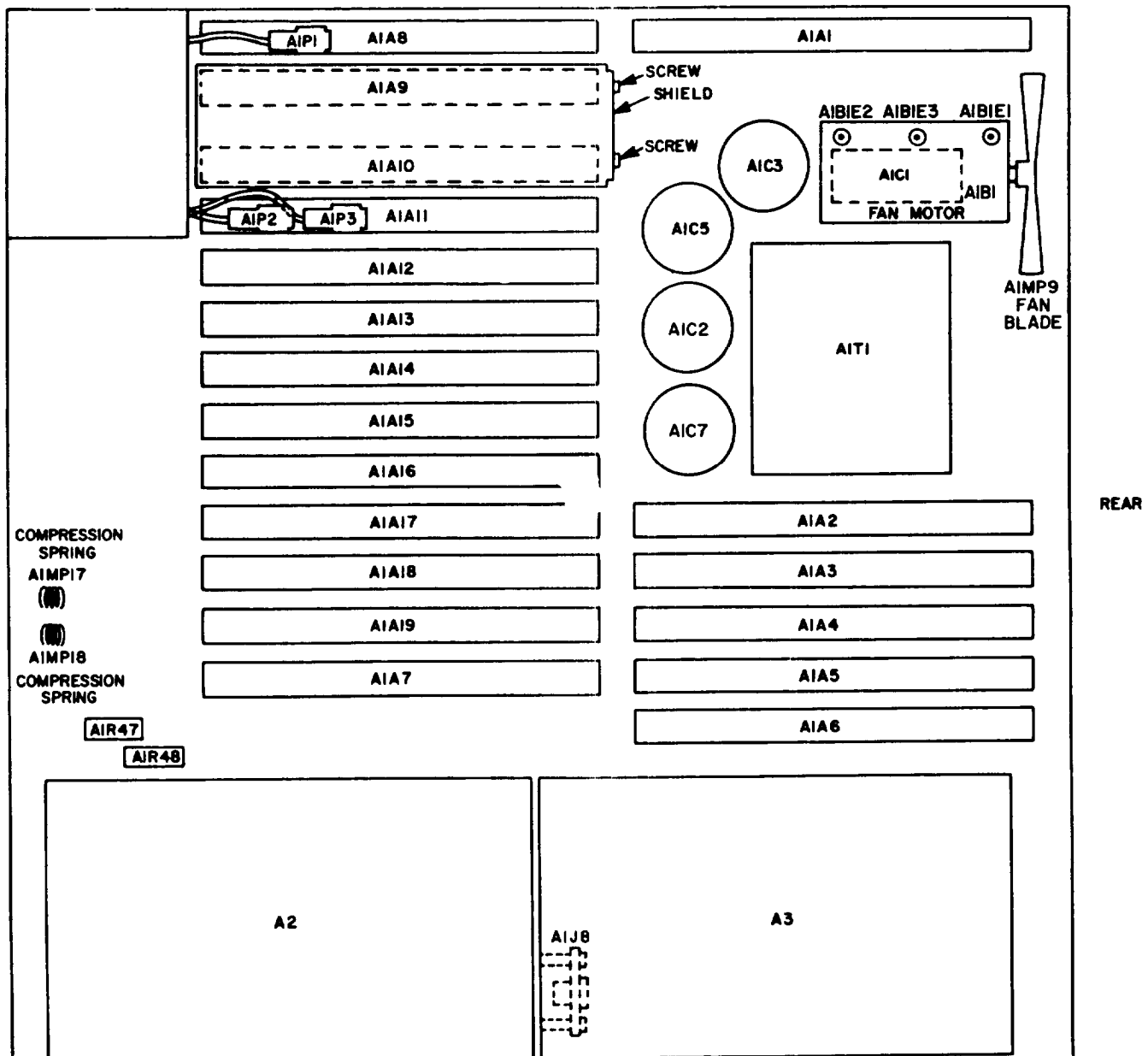


Figure 5-35. Counter Top View, Location of parts

(5) Set oscilloscope controls for a vertical deflection of 0.05 v/cm and a sweep time of 1 μ s/cm.

(6) Set counter POWER switch to TRACK or STORE.

(7) Set converter DIRECT-HETERODYNE switch to HETERODYNE.

(8) While observing oscilloscope, turn mixing frequency selector switch to all positions. Note switch position where 1-mc and/or 10-mc noise is maximum; then set it to that position.

(9) Adjust A2T1 (figure 5-4) slightly for minimum noise level. The noise level should be 10 millivolts or less at all positions of the mixing frequency selector switch.

aq. REPLACING GATE LAMP A1DS2 AND OVEN LAMP A1DS3. -

(1) Unplug power cord from the power source.

(2) Set POWER switch to STBY.

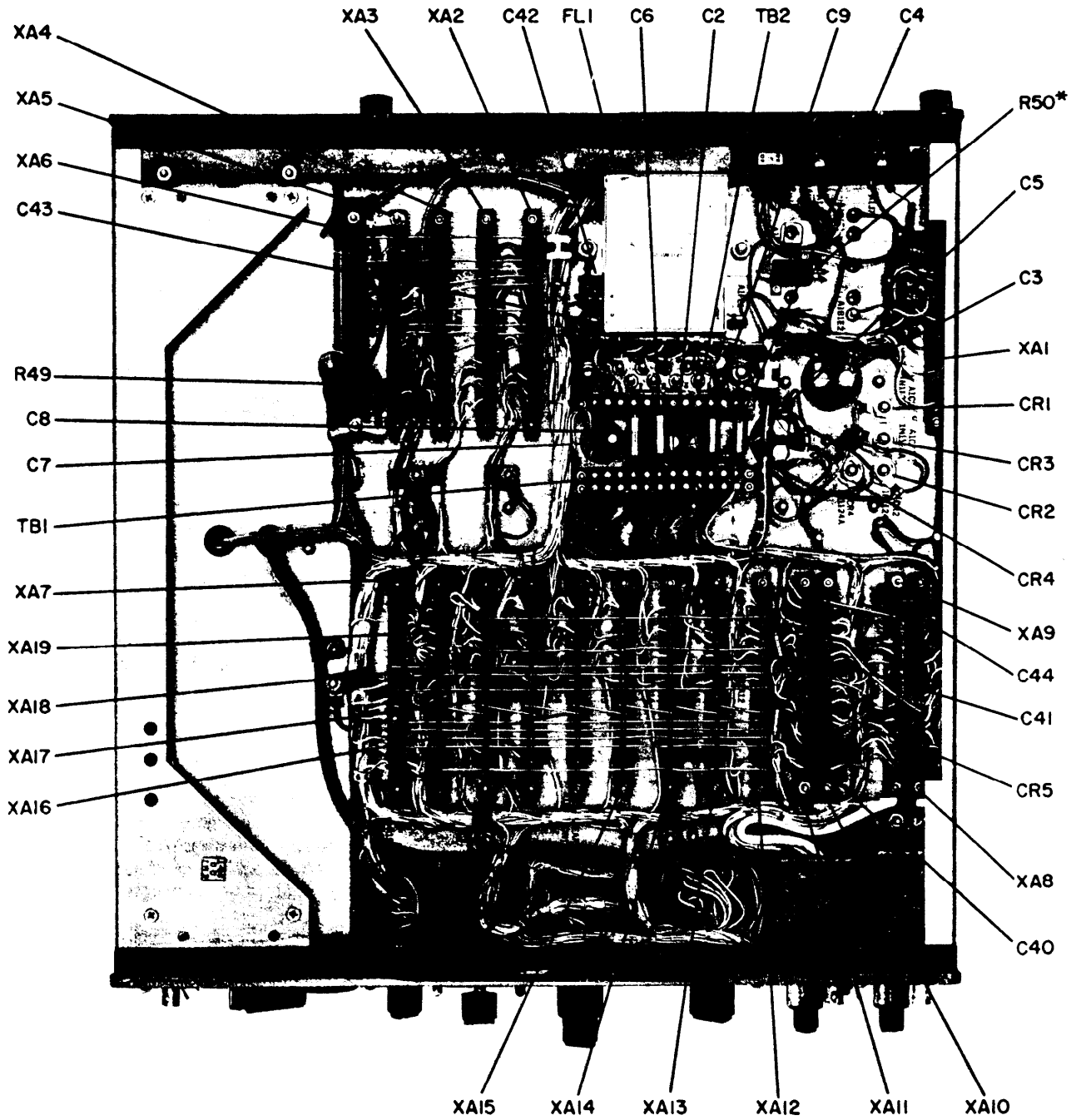
(3) Turn DISPLAY control to the extreme counterclockwise position.

(4) Set time base switch and STD FREQ OUT switch to 10^1 .

(5) Set FUNCTION switch to FREQ.

(6) Loosen the two setscrews on FUNCTION-switch knob A1MP7, and remove knob.

(7) Remove and save mounting nut and flat washer that secure FUNCTION switch to front panel.



NOTE

1. C44 and R50 are only supplied on counters with serial No's A247, A258, A413, A419, A488, A490, A492, A496, A497, A500, A533, A534, A535, A538, B32, B67, B74, B202, B234, B313, B343, B430, and up, C181, and up, D51 and up.

Figure 5-36. Counter Bottom View, Location of parts

(8) Loosen the two setscrews on STD FREQ OUT switch red knob AIMP6, and remove the knob.

(9) Loosen the two setscrews on time base switch black knob AIMP10, and remove the knob.

(10) Remove and save mounting nut and flat washer that secure the time base switch and STD FREQ OUT switch to the front panel.

(11) Loosen the two setscrews on knob AIMP5 of the POWER switch, and remove the knob.

(12) Remove and save the mounting nut and flat washer that secure the POWER switch to the front panel.

(13) Loosen the two setscrews on knob AIMP5 of the DISPLAY control, and remove the knob.

(14) Remove and save mounting nut and flat washer that secure DISPLAY control to the front panel.

(15) Remove and save the two screws and flat washers on the front panel below the observation window.

(16) Remove and save the two screws and flat washers from the bottom of the front panel.

(17) Set the counter on its left side with the front panel facing forward.

(18) Remove and save the nut and flat washer that secure cable clamp through which the lamp leads are routed.

(19) OVEN lamp only. Unsolder the black leads from terminal 2 of A1XA18; then unsolder the white-orange-violet and black leads from terminal 3 of A1XA18.

(20) GATE lamp only. Unsolder the black lead and the white-orange-violet lead from terminal 2 of A1XA17; then unsolder the black lead and the green lead from terminal 3 of A1XA17.

(21) Note the routing of the two black leads removed in step (19) or step (20), as applicable; then pull these leads free of the cable clamp.

(22) With a 5/8-inch open-end wrench remove the nut that secures the lamp to the inside of the front panel; then remove the lamp.

(23) Insert replacement lamp into the mounting hole from the inside, and secure the lamp with the mounting nut supplied.

(24) Feed the lamp leads through the cable clamp and route them as noted in step (21).

(25) Secure cable clamp with nut and washer removed in step (18).

(26) Extend end of leads to terminal 3 of A1XA18, allow approximately 1/2-inch service loop, and cut off any excess from the end.

(27) OVEN lamp only. Solder either of the black lamp leads together with the black lead removed in step (19) to terminal 2 of A1XA18; then solder the other black lead together with the white-yellow-violet lead to terminal 3 of A1XA18.

(28) GATE lamp only. Solder either of the black lamp leads together with the white-orange-violet lead of terminal 2 of A1XA17; then solder the other black lead together with the green lead of terminal 3 of A1XA17.

(29) Slide front panel slowly toward the rear, allowing the switch shafts to pass through the mounting holes, until the panel is flush with the observation window.

(30) Secure front panel with the screws and flat washers removed in steps (15) and (16).

(31) Secure POWER switch to front panel with mounting nut and washer removed in step (12). Place knob AIMP13 on shaft, with the index pointing to the STBY marking, and tighten the two setscrews.

(32) Secure DISPLAY control to front panel with the mounting nut and washer removed in step (13). Place knob AIMP5 on shaft, with the index pointing to the MIN marking, and tighten the two setscrews.

(33) Secure the time base switch and STD FREQ OUT switch to front panel with mounting nut and washer removed in step (10). Place black knob AIMP6 on shaft, with index pointing to 104 marking, and tighten the two setscrews. Place red knob AIMP10 on shaft, with index pointing to the 104 marking, and tighten the two setscrews.

(34) Secure FUNCTION switch to front panel with mounting nut and washer removed in step (7). Place knob AIMP7 on shaft, with index pointing to the FREQ marking, and tighten the two setscrews.

ar. REPLACING RESET SWITCH A1S6. —

(1) Set POWER switch to OFF.

(2) Remove 17 screws which fasten the top cover, and remove the cover.

(3) Remove printed circuit board A1A18.

(4) Unsolder the green lead and white-yellow-blue lead from the switch terminals.

(5) Remove and save the mounting nut and flat washer that fasten the RESET switch to the front panel.

(6) Pull the RESET switch from the inside until the switch clears the front panel; then lift the switch slightly in order to expose the switch terminals.

(7) Unsolder the green lead and the white-yellow-blue lead from the two terminals of the defective switch.

(8) Remove and discard defective switch.

(9) Solder the two leads removed in step (7) to the replacement switch terminals.

(10) Push replacement switch through the front-panel mounting hole, and secure with the nut and flat washer.

(11) Replace printed-circuit board A1A18.

(12) Replace top cover and secure with the 17 screws.

as. REPLACING POWER INDICATOR LAMP AIDS1. — To replace the POWER indicator AIDS1 lamp, unscrew the defective lamp from the front and insert a new lamp.

5-6. LOCATION OF PARTS.

Figures 5-35 through 5-58 show location of parts. Parts and subassemblies are identified on the illustrations by reference designations and cross-referenced in the tables adjacent to the illustrations when the number of parts exceeds 30. These tables identify the parts by use of map-type coordinates. The parts list, table 6-1, also lists all parts by reference designations, and cross-references the appropriate illustration where the part appears.

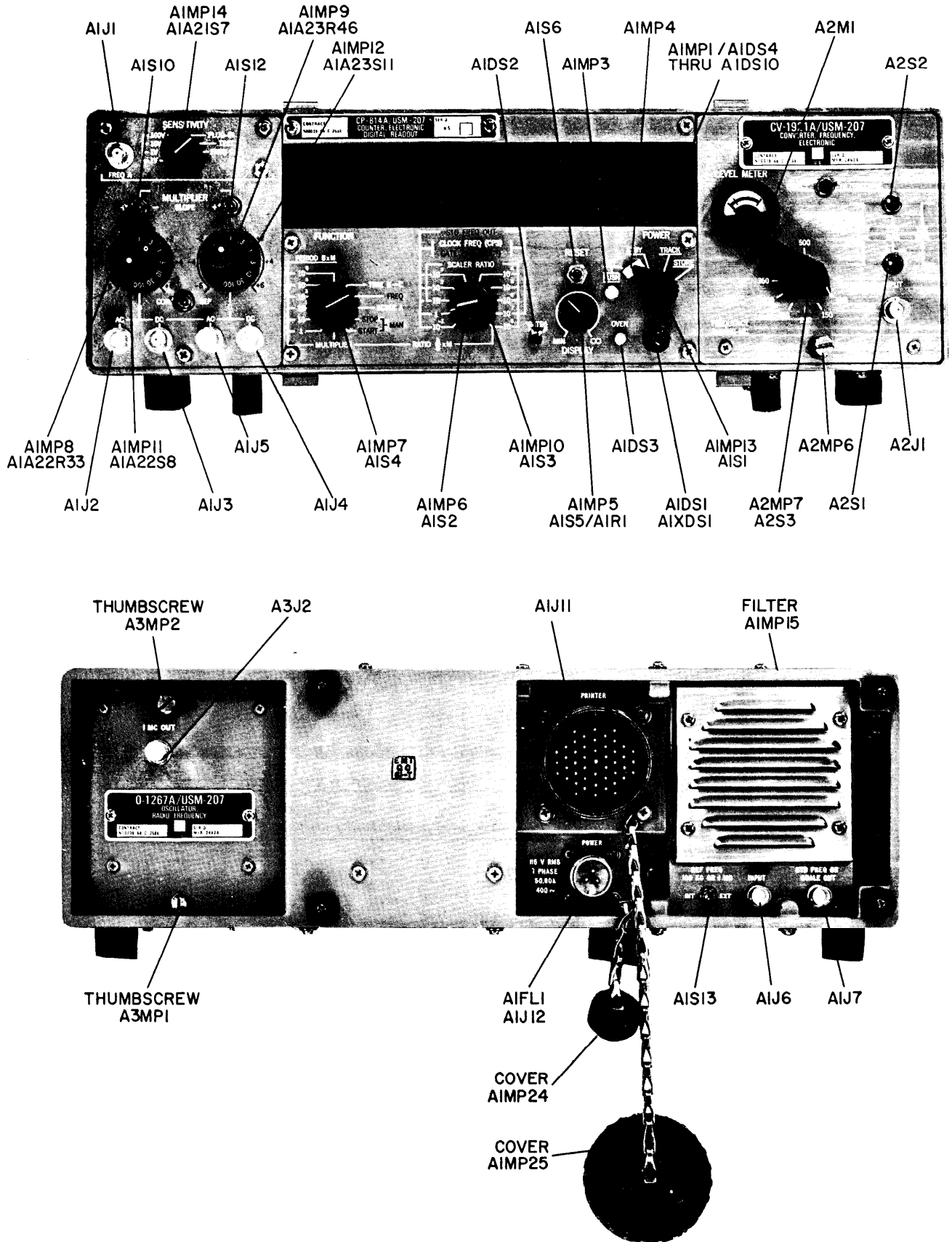


Figure 5-37. Counter, Front and Rear Views, Location of Parts

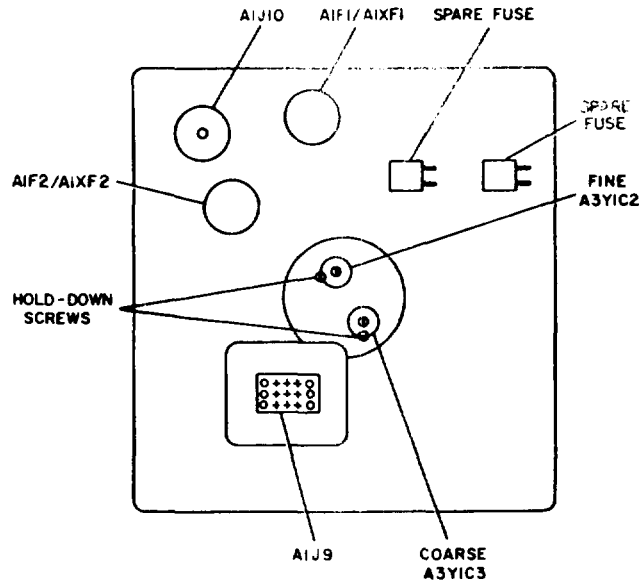


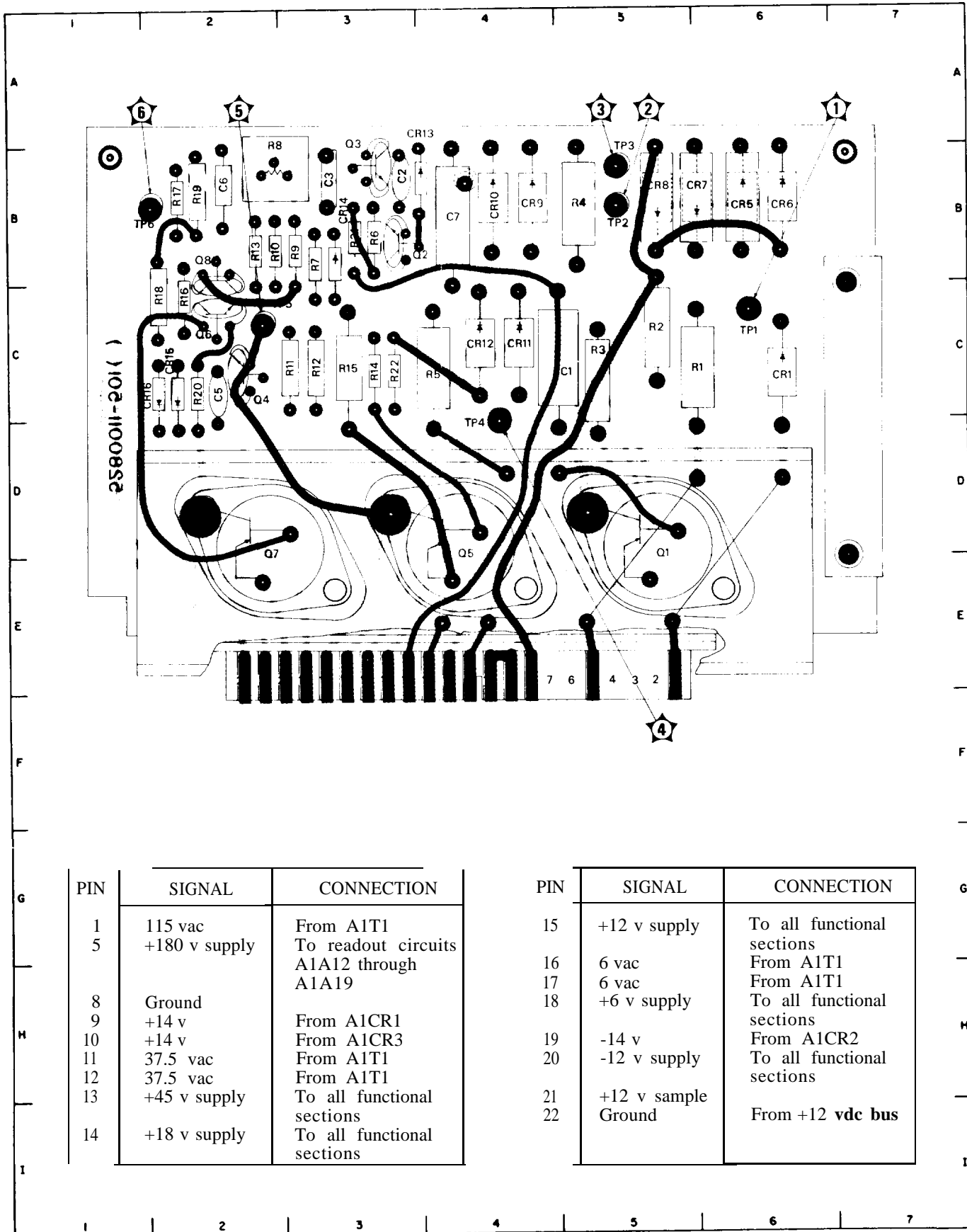
Figure 5-38. Counter Front View, with Converter Removed, Location of Fuses and Oscillator Adjustments

PARTS LOCATION INDEX FOR FIGURE 5-39

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	5D	R1	6D
C2(NOTE 2)	3B	R2	5C
C3	3B	R3	5C
C5	2D	R4	5B
C6	2B	R5	4D
C7	4B	R6	3C
CR1	6D	R7	3C
CR5	6B	R8	2B
CR6	6B	R9	3C
CR7	6B	R10	2C
CR8	5B	R11	3D
CR9	4B	R12	3D
CR10	4B	R13	2C
CR11	4C	R14	3D
CR12	4C	R15	3D
CR13	4B	R16	2C
CR14	3B	R17	2B
CR15	2C	R18	2C
CR16	1D	R19	2B
Q1	5E	R20	2D
Q2	3C	R21	3C
Q3	3B	R22 (NOTE 1)	3D
Q4	2D	TP1 (E1)	6C
Q5	4E	TP2 (E2)	5B
Q6	2C	TP3 (E3)	5B
Q7	2E	TP4 (E4)	4D
Q8	2C	TP5 (E5)	2C
		TP6 (E6)	1B

NOTE

1. On serial No's. A247, A258, A413, A419, A488, A489, A490, A496, A497, A500, A533, A534, A535, A538, B22, B67, B74, B202, B234, B313, and B343: A1A1R22 is replaced with an open circuit.
2. On serial No's. A247, A258, A413, A419, A488, A489, A490, A496, A497, A500, A533, A534, A535, A538, B32, B67, B74, B202, B234, B313, B343, B430 and up, C181 and up, D51 and up: A1A1C2 is replaced with a look resistor A1A1R23.



PIN	SIGNAL	CONNECTION
1	115 vac	From A1T1
5	+180 v supply	To readout circuits A1A12 through A1A19
8	Ground	
9	+14 v	From A1CR1
10	+14 v	From A1CR3
11	37.5 vac	From A1T1
12	37.5 vac	From A1T1
13	+45 v supply	To all functional sections
14	+18 v supply	To all functional sections

PIN	SIGNAL	CONNECTION
15	+12 v supply	To all functional sections
16	6 vac	From A1T1
17	6 vac	From A1T1
18	+6 v supply	To all functional sections
19	-14 v	From A1CR2
20	-12 v supply	To all functional sections
21	+12 v sample	
22	Ground	From +12 vdc bus

Figure 5-39. Voltage Regulator A1A1, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-40

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	6D	CR12	3D	R10	6E	R54	6C
C2	6D	CR13	6B	R11	6D	R55	6C
C3	7E	CR14	7B	R12	2C	R56	6B
C4	6E	CR15	6C	R13	5E	R57	6B
C5	5D	CR16	6B	R14	6D	R58	6B
C6	5D	CR17	5B	R15	5D	R59	2C
C7	6D	CR18	5B	R16	5C	R60	5B
C8	5E	CR19	5C	R17	5C	R61	5B
C9	4D	CR20	3B	R18	5C	R62	5C
C10	4D	CR21	4B	R19	5D	R63	5C
C11	5D	CR22	4B	R20	5E	R64	5C
C12	4D	CR23	3B	R21	5D	R65	5C
C13	3D	CR24	2B	R22	6E	R66	5B
C14	3D	Q1	7D	R23	4E	R67	5B
C15	4D	Q2	6D	R24	5D	R68	5B
C16	3D	Q3	6C	R25	4D	R69	5B
C10	7C	Q4	5D	R26	4C	R70	4B
C18	7B	Q5	5C	R27	4C	R71	4B
C19	6C	Q6	4C	R28	4C	R72	4C
C20	6B	Q7	4C	R29	4D	R73	4C
C21	7B	Q8	3C	R30	4E	R74	4C
C22	6B	Q9	2D	R31	4D	R75	4C
C23	5C	Q10	2D	R32	3E	R76	4B
C24	5B	Q11	2D	R33	4D	R77	4B
C25	6B	Q12	1C	R34	3D	R78	4B
C26	5B	Q13	6C	R35	3C	R79	3B
C27	4C	Q14	6C	R36	3C	R80	3C
C28	4B	Q15	5C	R37	3C	R81	3B
C29	5B	Q16	5C	R38	3D	R82	3C
C30	4B	Q17	4C	R39	3D	R83	3C
C31	3C	Q18	4C	R40	3D	R84	3C
C32	3B	Q19	3C	R41	2D	R85	3C
C33	3B	Q20	3C	R42	2D	R86	3B
C34	3B	Q21	2B	R43	2D	R87	3B
CR1	7D	Q22	2B	R44	2D	R88	3B
CR2	7D	R1	3E	R45	2D	R89	2C
CR3	6D	R2	6E	R46	2D	R90	2C
CR4	6D	R3	7D	R47	2C	R91	2B
CR5	6D	R4	6D	R48	2C	R92	2C
CR6	5E	R5	6E	R49	2C	R93	2C
CR7	5D	R6	6C	R50	6B	R94	7D
CR8	5D	R7	6C	R51	6B	TP1(E1)	2B
CR9	4D	R8	6E	R52	6C	TP2(E2)	2B
CR10	3E	R9	6D	R53	6C	TP3(E3)	2B
CR11	4D						

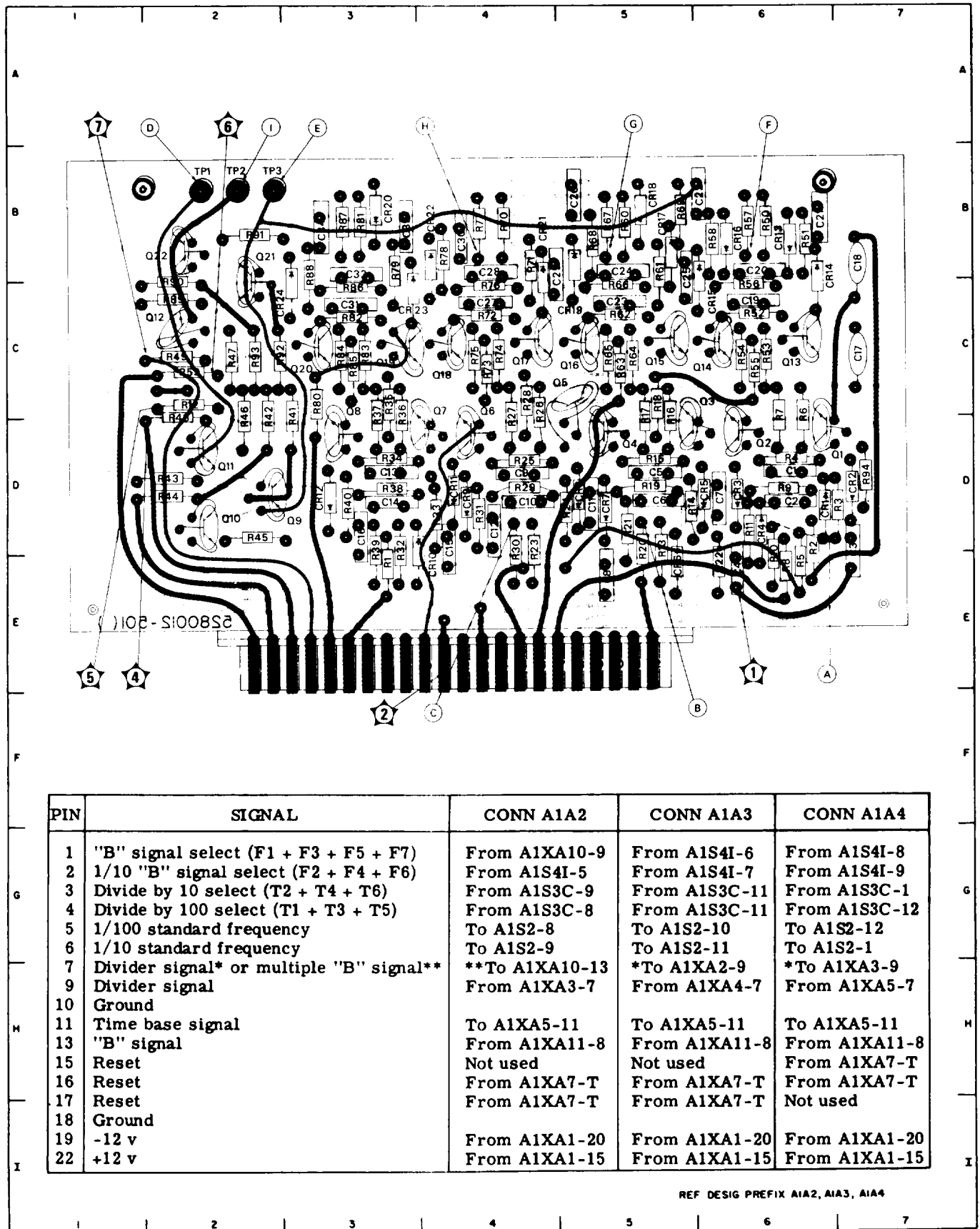


Figure 5-40. Frequency Dividers A1, A2, A1A3, and A1A4, Location of Parts

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	1B	CR18	2B	R25	3B
C2	2C	CR19	6D	R26	3B
C3	7B	CR20	4D	R27	1B
C4	6B	CR21	3D	R28	2B
C5	6B	CR22	3D	R29	2B
C6	6B	CR23	3D	R30	2C
C7	5B	Q1	7C	R31	2C
C8	5B	Q2	6C	R32	2B
C9	5B	Q3	5B	R33	2B
C10	5B	Q4	4C	R34	2B
C11	4B	Q5	4C	R35	6D
C12	3B	Q6	3C	R36	6C
C13	4B	Q7	3B	R37	6C
C14	3B	Q8	2C	R38	6C
C15	3B	Q9	7C	R39	6C
C16	1B	Q10	6C	R40	5C
C10	2B	Q11	5C	R41	5C
C18	3B	Q12	5C	R42	5D
C19	2B	Q13	4C	R43	5C
C20	2B	Q14	4C	R44	5D
C21	7D	Q15	3C	R45	4C
C22	6D	Q16	3C	R46	5D
C23	5C	Q17	1C	R47	4D
C 24	5C	R1	6B	R48	4C
C25	4C	R2	6B	R49	6B
C26	6D	R3	7B	R50	5D
C27	4D	R4	6B	R51	5D
C28	4C	R5	6C	R52	4D
C29	4D	R6	6C	R53	4D
C30	3D	R7	6B	R54	4D
C31	2C	R8	6B	R55	4D
CR1	6B	R9	6B	R56	3C
CR2	7B	R10	5B	R57	3C
CR3	5B	R11	5B	R58	4C
CR4	6B	R12	5B	R59	4E
CR5	5B	R13	5C	R60	3D
CR6	5B	R14	5C	R61	4E
CR7	5B	R15	5B	R62	2C
CR8	4B	R16	5B	R63	2C
CR9	3B	R17	4B	R64	2D
CR10	4B	R18	4B	R65	2C
CR11	4B	R19	4B	R66	2C
CR12	4B	R20	3B	R67	2D
CR13	3B	R21	4C	R68	6C
CR14	3B	R22	3C	TP1	7C
CR15	3B	R23	3B	TP2	4D
CR16	3B	R24	3B	TP3	2D
CR17	2B				

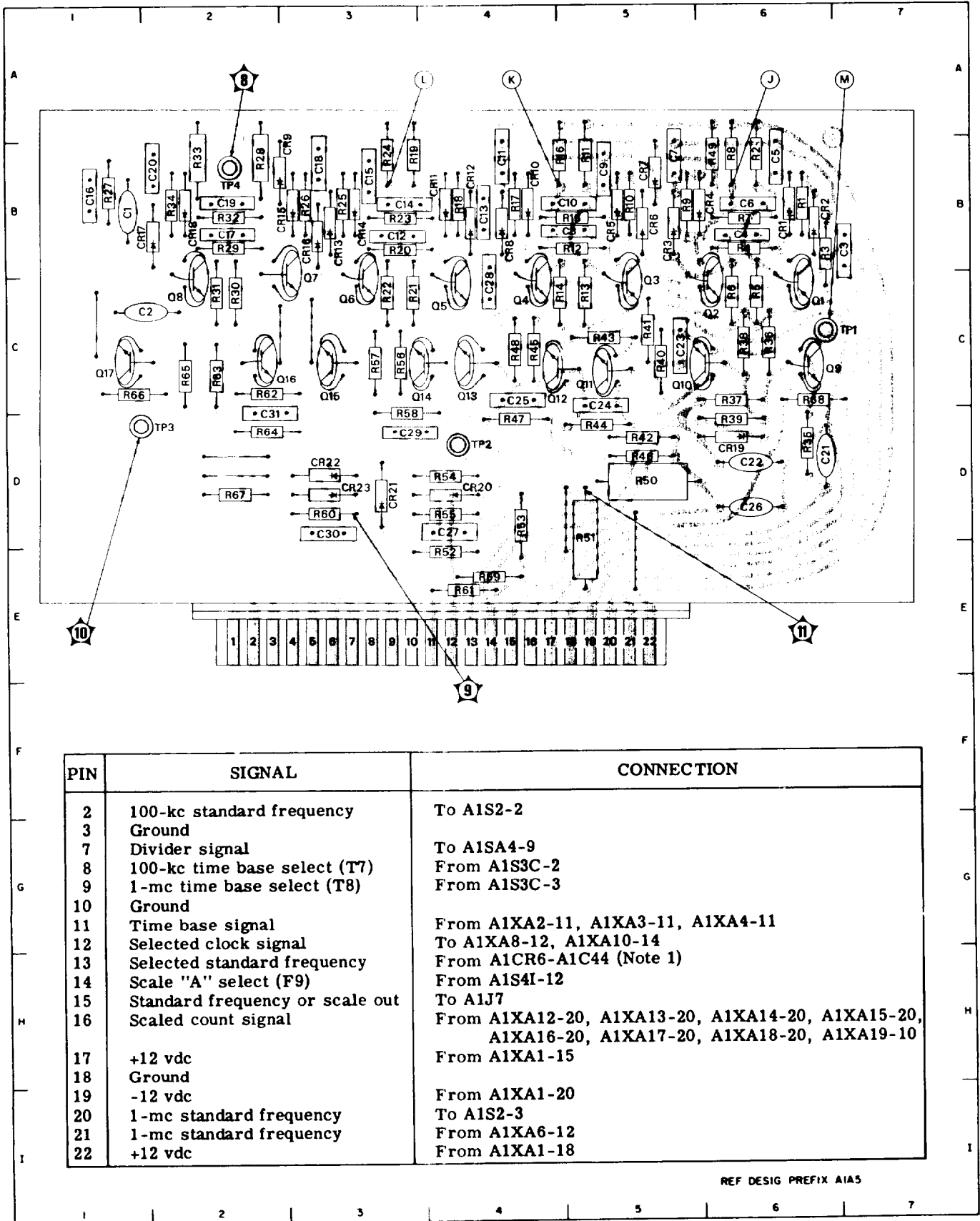


Figure 5-41. Frequency Divider A1A5, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-42

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	6E	C40	3C	Q6	5D	R25	5E
C2	6E	C41	3B	Q7	5D	R26	5E
C3	7E	C42	2B	Q8	4C	R27	4E
C4	6D	C43	2B	Q9	4D	R28	3E
C5	7D	C44	1E	Q10	4D	R29	3E
C6	5D	C45	5C	Q11	4E	R30	3E
C7	6C	C46	1C	Q12	3E	R31	3E
C8	6D	C47	3C	Q13	3D	R32	3E
C9	6C	C48	2C	Q14	3D	R33	3E
C10	6C	C49	2C	Q15	2D	R34	3E
C11	5D	CR1	7E	Q16	2D	R35	3E
C12	5C	CR2	7D	Q17	1D	R36	3E
C13	5D	CR3	6D	Q18	1D	R37	3E
C14	4C	CR4	5E	Q19	1E	R38	3E
C15	5D	CR6	4E	Q20	1E	R39	3D
C16	2E	CR7	3E	R1	6E	R40	3D
C17	3E	CR8	2E	R2	6E	R41	3D
C18	3E	CR9	4D	R3	7E	R42	3D
C19	5E	CR10	4D	R4	7E	R43	3E
C20	3E	CR11	1D	R5	6E	R44	2D
C21	3D	CR12	2E	R6	7E	R45	2D
C22	3D			R7	6E	R46	2D
C23	3D			R8	7D	R47	2D
C24	3C			R9	7D	R48	1D
C25	3D			R10	7D	R49	2D
C26	3D			R11	7D	R50	1D
C27	2C	L1	7C	R12	6D	R51	2E
C28	2D	L2	6C	R13	6E	R52	2E
C29	2C	L3	5C	R14	6D	R53	2E
C30	1D	L4	4C	R15	5D	R54	2D
C31	2E	L5	3D	R16	5D	R55	1E
C32	1E	L6	3C	R17	5E	R56	2E
C33	2E	L7	2C	R18	5D	R57	5D
C34	7D	L8	1C	R19	5D	TP1(E1)	6B
C35	6B	Q1	6E	R20	5E	TP2(E2)	5B
C36	5B	Q2	6D	R21	5D	TP3(E3)	5B
C37	4B	Q3	6D	R22	5E	TP4(E4)	1B
C38	4E	Q4	6D	R23	4D	TP5(E5)	2E
C39	6E	Q5	6D	R24	4E		

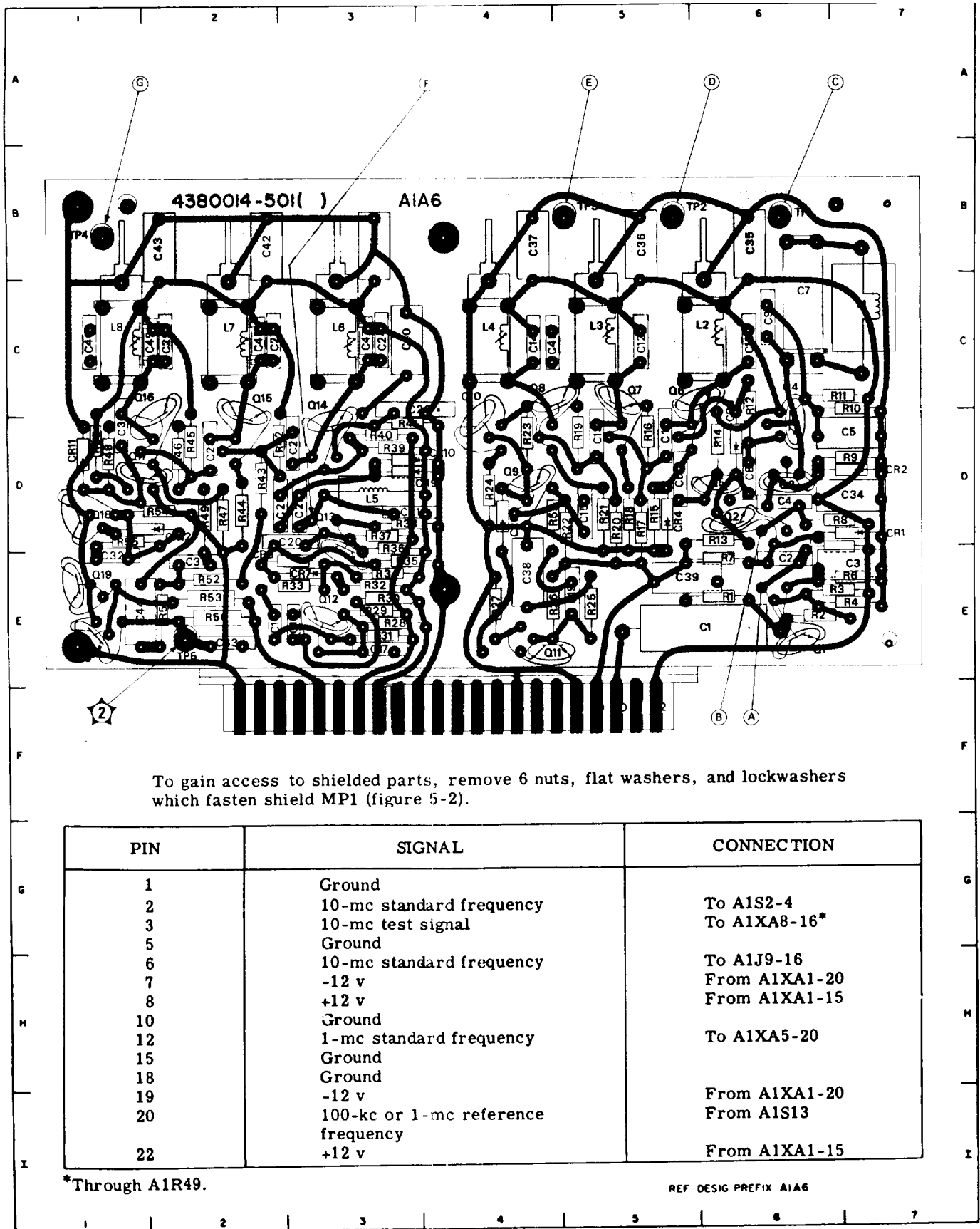


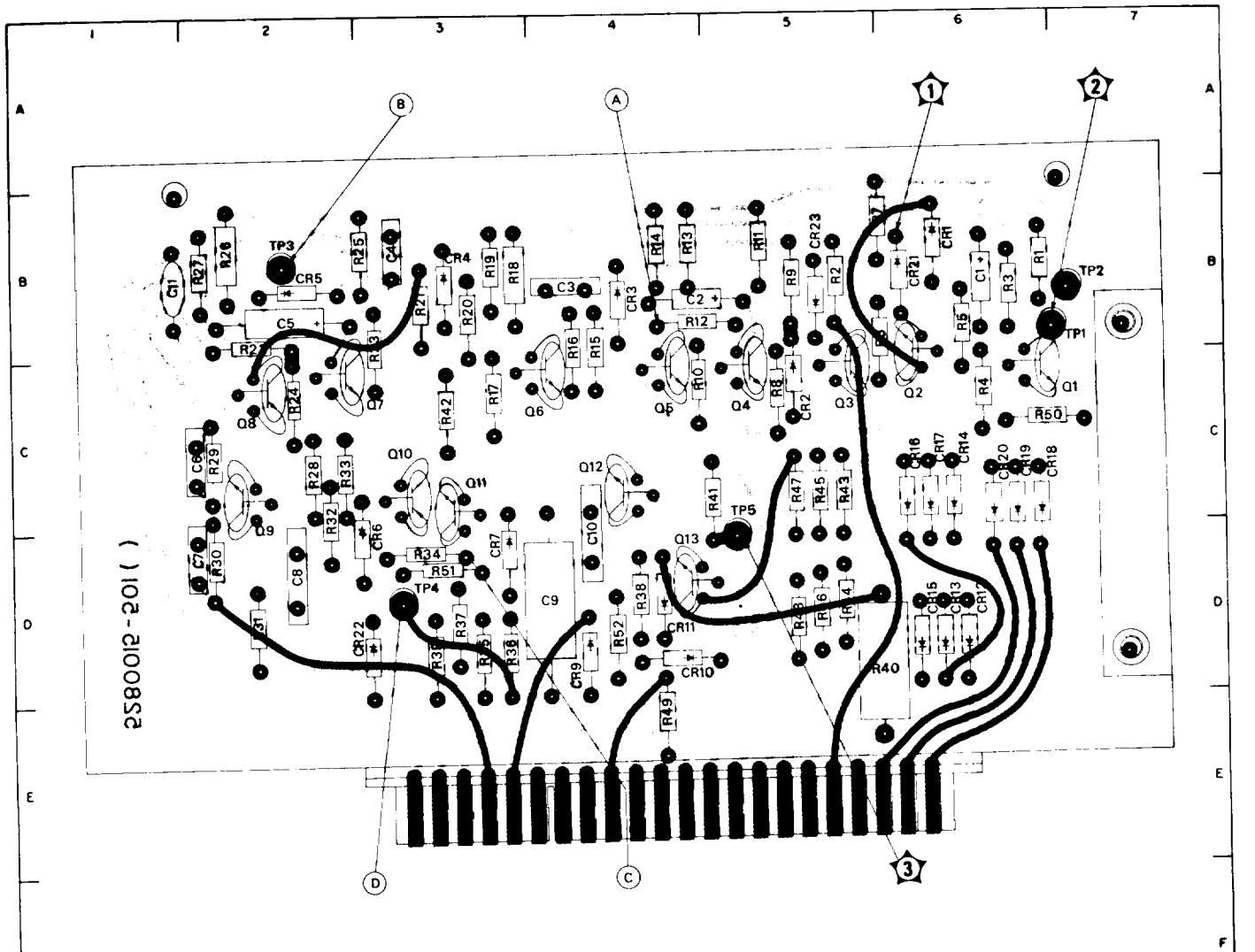
Figure 5-42. Frequency Multiplier A1A6, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-43

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	6B	CR18	7C	R5	6C	R32	2D
C2	4B	CR19	6C	R6	6C	R33	2C
C3	4B	CR20	6C	R7	6B	R34	3D
C4	3B	CR21	6B	R8	5C	R35	3D
C5	2B	CR22	2D	R9	5B	R36	3D
C6	1C	Q1	7C	R10	4C	R37	3D
C7	1D	Q2	6C	R11	5B	R38	4D
C8	2D	Q3	5C	R12	4C	R39	3D
C9	4D	Q4	5C	R13	4B	R40	6D
C10	4D	Q5	4C	R14	4B	R41	5D
C11	1B	Q6	3C	R15	4C	R42	3C
CR1	6B	Q7	2C	R16	4C	R43	5D
CR2	5C	Q8	2C	R17	3C	R44	5D
CR3	4B	Q9	2D	R18	3B	R45	5D
CR4	3B	Q10	3C	R19	3B	R46	5D
CR5	2B	Q11	3C	R20	3B	R47	5D
CR6	2D	Q12	4C	R21	3B	R48	5D
CR7	3D	Q13	4D	R22	2C	R49	4E
CR9	4E	R1	7B	R23	3C	R50	7C
CR10	4E	R2	5B	R24	2C	R51	3D
CR11	4D	R3	6B	R25	2B	R52	4D
CR12	6D	R4	6C	R26	2B	TP1	7C
CR13	6D			R27	1B	TP2	7B
CR14	6C			R28	2C	TP3	2B
CR15	6D			R29	2C	TP4	3D
CR16	6C			R30	2D	TP5	5D
CR17	6C			R31	2D		

DESTINATION INFORMATION FOR FIGURE 5-43

PIN	SIGNAL	CONNECTION
1	From decimal point lamp	From A1DS6
2	From decimal point lamp	From A1DS5
3	From decimal point lamp	From A1DSX
5	Print command	To A1J11-v
20	Reset inhibit	To A1J11-S
A	From decimal point lamp	From A1DS39
B	From decimal point lamp	From A1DS7
c	From decimal point lamp	From A1DS8
D	+45 v	From A1XA1-13
E	To GATE lamp	To A1DS2
F	Memory clear set	To A1XA12-6, A1XA13-6, A1XA14-6, A1XA15-6, A1XA16-6, A1XA17-6, A1XA18-6, A1XA19-6
H	Memory transfer	To A1XA12-7, A1XA13-7, A1CA14-7, A1XA15-7, A1XA16-7, A1XA17-7, A1KA18-7, A1XA19-7
J, 8	BCD "1" output	A1J11-g
K, 9	BCD "2" output	To A1J11-c
L, 10	BCD "4" output	To A1J11-b
M, 11	Ground	
N, 12	BCD "8" output	To Z1J11-X



Numbered terminals are on side of board on which parts are mounted.
 Lettered terminals are on reverse side.

DESTINATION INFORMATION (Continued)

PIN	SIGNAL	CONNECTION
P	-12 v	From A1XA1-20
R	+12 v	From A1XA1-15
S	Manual gate	From A1XA10-18
T	Reset	To A1XA2-16, A1XA2-17, A1XA3-16, A1XA3-17, A1XA4-15, A1XA4-17, A1XA9-4, A1XA9-14, A1XA10-7, A1XA12-16, A1XA13-16, A1XA14-16, A1XA15-16, A1XA16-16, A1XA17-16, A1XA18-16, A1XA19-16
U	From RESET switch	From A1S6
V	Memory control	From A1S1
W	Gate signal	From A1XA10-1
X	From DISPLAY control	From A1S5
Y	From DISPLAY control	From A1R1
Z	+6 v	From A1XA1-18

REF DESIG PREFIX A1A7

Figure 5-43. Display Control A1A7, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-44

REF. DESIG.	DRAWING LOCATION
C1	4E
C2	4E
C3	3D
C4	3E
C5	4D
C6	5C
C7	5E
C(I	5D
C9	4B
C10	4B
C11	4C
C12	5B
C13	6B
C14	5B
C15	5B
C16	7B
C17	7B
C18	7C
C19	6D
C20	6C
C21	6D
C22	5D
C23	5C
C24	6E
C25	3E
C26	3E
CR1	4E
CR2	3D
CR3	4D
CR4	3E
CR5	3E
CR6	3E
CR7	3D
CR8	5C
CR9	7C

REF. DESIG.	DRAWING LOCATION
CR10	7D
CR11	YE
CR12	7E
CR13	5E
E5	4B
E6	3B
J1	3B
L1	4C
L 2	5E
Q1	4D
Q2	4D
Q3	3D
Q4	3D
Q5	5D
Q6	4D
Q7	5E
Q8	5B
Q9	6C
Q10	7C
Q11	7C
Q12	7D
Q13	6E
Q14	5D
R1	4E
R2	4C
R3	4E
R4	4C
R5	4C
R6	3C
R7	4C
R8	3D
R9	3D
R10	3E
R11	3D
R12	3C
R13	4C

REF. DESIG.	DRAWING LOCATION
R14	4C
R15	4C
R16	5C
R17	5C
R18	5E
R19	5E
R20	5E
R21	5E
R22	5D
R23	6E
R24	6E
R25	4B
R26	5C
R27	4C
R28	5C
R29	5B
R30	6B
R31	6B
R32	6C
R33	6C
R34	7B
R35	6B
R36	6C
R37	7C
R38	6C
R39	6D
R40	6D
R41	6D
R42	6D
R43	6D
R44	6E
R45	5D
TP1(E1)	3B
TP2(E2)	7D
TP3(E3)	5E
TP4(E4)	4D

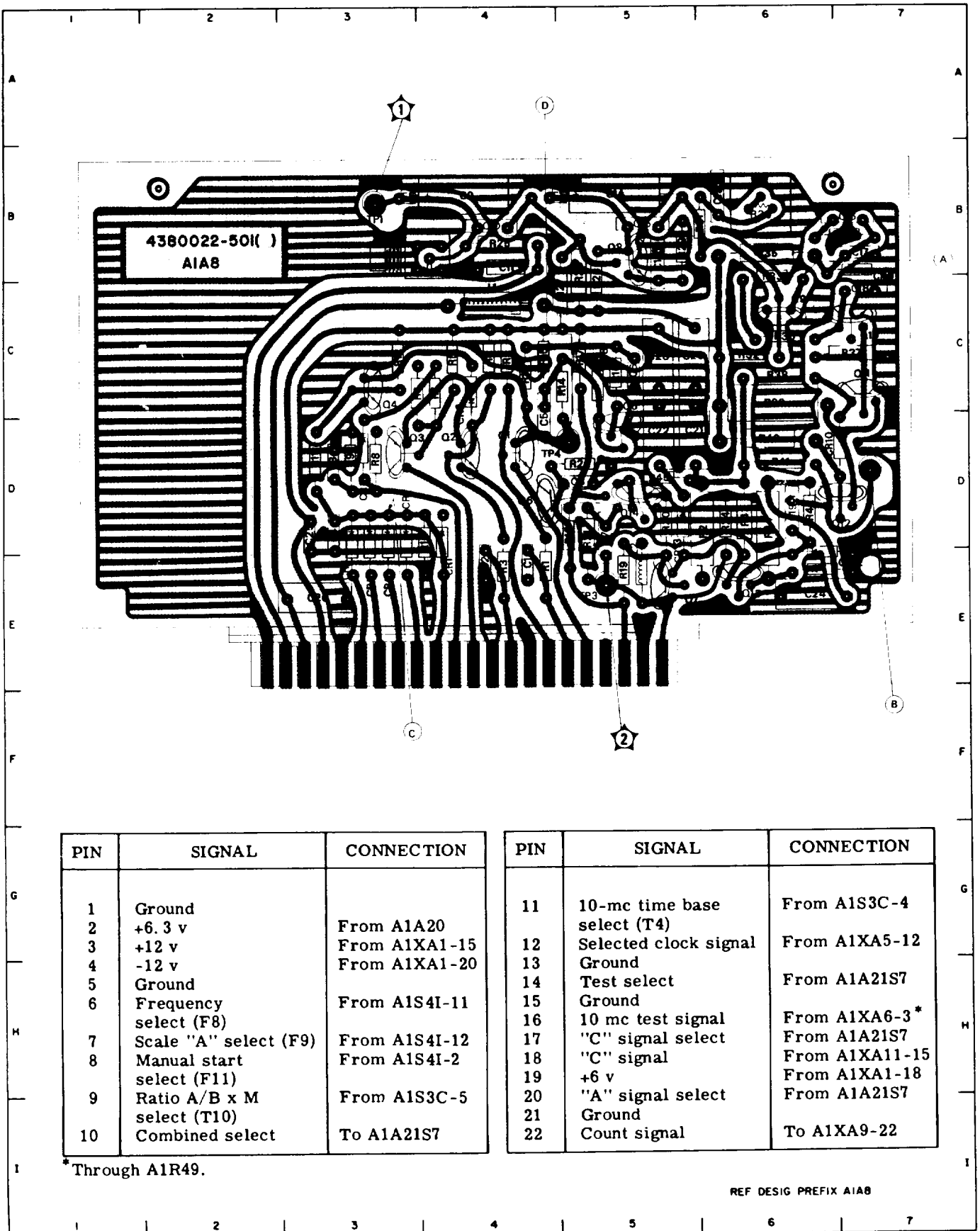


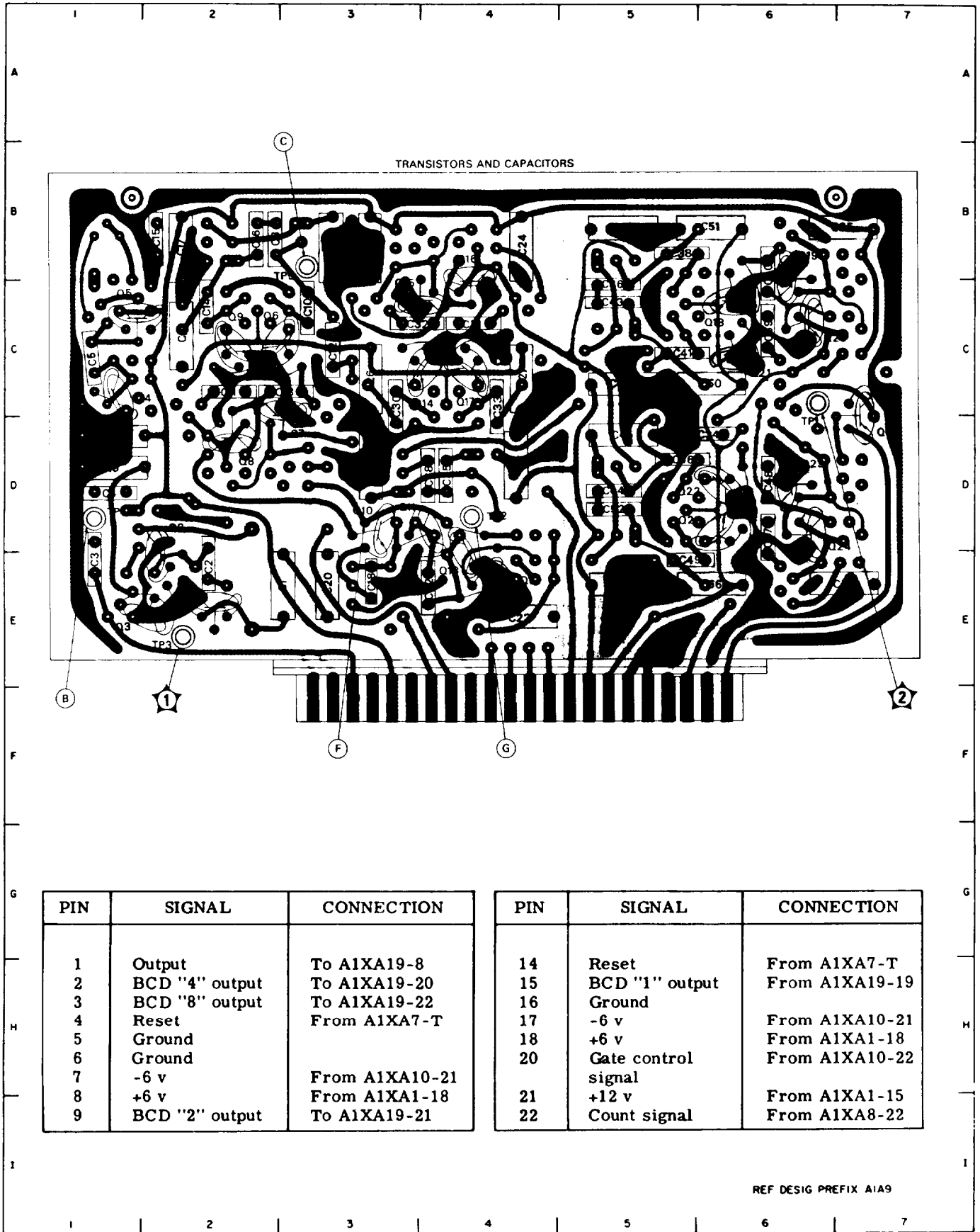
Figure 5-44. AF-RF Amplifier A1A8, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-45, SHEET 1

REF. DESIG.	DRAWING LOCATION
C1	3E
C2	2E
C3	1E
C4	1D
C5	1C
C6	2C
C7	1D
C8	2B
C9	3B
C10	3C
C11	2D
C12	3C
C13	3D
C14	2C
C15	2B
C16	2B
C17	2B
C18	3E
C19	1D
C20	3E
C21	3B
C22	4E
C23	4E
C24	4B
C25	7B
C26	3C
C27	4C
C28	4D
C29	3D

REF. DESIG.	DRAWING LOCATION
C30	3D
C31	4C
C32	3C
C33	4D
C34	6D
C35	4D
C36	5C
C37	5B
C38	5C
C39	6C
C40	6C
C41	5C
C42	5C
C43	5C
C44	5D
C45	5D
C46	5D
C47	6E
C48	6D
C49	6E
C50	6C
C51	6B
C52	5D
C53	7E
C54	4D
C55	5E
C56	6E
Q1	2E

REF. DESIG.	DRAWING LOCATION
Q2	2E
Q3	1E
Q4	1D
Q5	1C
Q6	2C
Q7	3D
Q8	2D
Q9	2C
Q10	3E
Q11	3E
Q12	4E
Q13	4E
Q14	3D
Q15	3C
Q16	4C
Q17	4D
Q18	6C
Q19	6C
Q20	7C
Q21	6C
Q22	6D
Q23	6D
Q24	7E
Q25	6E
Q26	7D
TP1(E1)	6D
TP2(E2)	4D
TP3(E3)	2E
TP4(E4)	1D
TP5(E5)	3C



PIN	SIGNAL	CONNECTION
1	Output	To A1XA19-8
2	BCD "4" output	To A1XA19-20
3	BCD "8" output	To A1XA19-22
4	Reset	From A1XA7-T
5	Ground	
6	Ground	
7	-6 v	From A1XA10-21
8	+6 v	From A1XA1-18
9	BCD "2" output	To A1XA19-21

PIN	SIGNAL	CONNECTION
14	Reset	From A1XA7-T
15	BCD "1" output	From A1XA19-19
16	Ground	
17	-6 v	From A1XA10-21
18	+6 v	From A1XA1-18
20	Gate control signal	From A1XA10-22
21	+12 v	From A1XA1-15
22	Count signal	From A1XA8-22

REF DESIG PREFIX A1A9

Figure 5-45. Frequency Divider A1A9, Location of Parts (Sheet 1 of 2)

PARTS LOCATION INDEX FOR FIGURE 5-45, SHEET 2

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
CR1	1D	CR44	7B	R5	2D	R46	4B
CR2	1E	CR47	6C	R6	1E	R47	4B
CR3	2D	CR48	5C	R7	2C	R48	4B
CR4	1C	CR49	5B	R8	2C	R49	4C
CR5	2C	CR50	5C	R9	1B	R50	4C
CR6	1B	CR51	5C	R10	1B	R51	5B
CR7	2B	CR52	5D	R11	1B	R52	5B
CR8	1B	CR53	5C	R12	1B	R53	6B
CR9	2B	CR54	5D	R13	2B	R54	7B
CR10	3B	CR55	7D	R14	2B	R55	6B
CR11	3C	CR56	7D	R15	3B	R56	7B
CR12	3C	CR57	7D	R16	2B	R57	7B
CR13	2C	CR58	7D	R17	3C	R58	6C
CR14	2B	CR61	6D	R18	3D	R59	6B
CR15	2B	CR62	5D	R19	3D	R60	7C
CR16	2C	CR63	5D	R20	3C	R61	7C
CR17	2C	CR64	2D	R21	2B	R62	6c
CR18	2C	E6	4F	R22	2D	R63	5B
CR19	2B	L1	1C	R23	2D	R64	5B
CR20	2B	L2	1B	R24	2B	R65	5B
CR21	3D	L3	3B	R25	2D	R66	5D
CR22	4D	L4	3C	R26	2B	R67	5C
CR23	4D	L5	2D	R27	2B	R68	5D
CR24	3C	L6	2C	R28	3E	R69	6C
CR25	4D	L7	2B	R29	3D	R70	7C
CR26	3C	L9	3C	R30	3E	R71	6D
CR27	3B	L10	3B	R31	4D	R72	7D
CR28	4B	L11	4B	R32	5D	R73	7D
CR29	4B	L12	4C	R33	5D	R74	6C
CR30	4B	L13	6B	R34	4D	R75	6D
CR31	4B	L14	7B	R35	4D	R76	7D
CR34	4B	L15	6C	R36	4D	R77	6E
CR35	4C	L17	6D	R37	3D	R78	6D
CR36	4C	L18	6C	R38	4C	R79	5D
CR37	5B	L19	7D	R39	3B	R80	5D
CR38	5B	L20	6D	R40	3B	R81	6C
CR39	5B	L21	4D	R41	4C	R82	2C
CR40	6B	R1	2D	R42	4B	R83	4D
CR41	7B	R2	2D	R43	4B	R84	4D
CR42	7B	R3	2D	R44	3B	R85	5C
CR43	7B	R4	1D	R45	4C	R86	5D

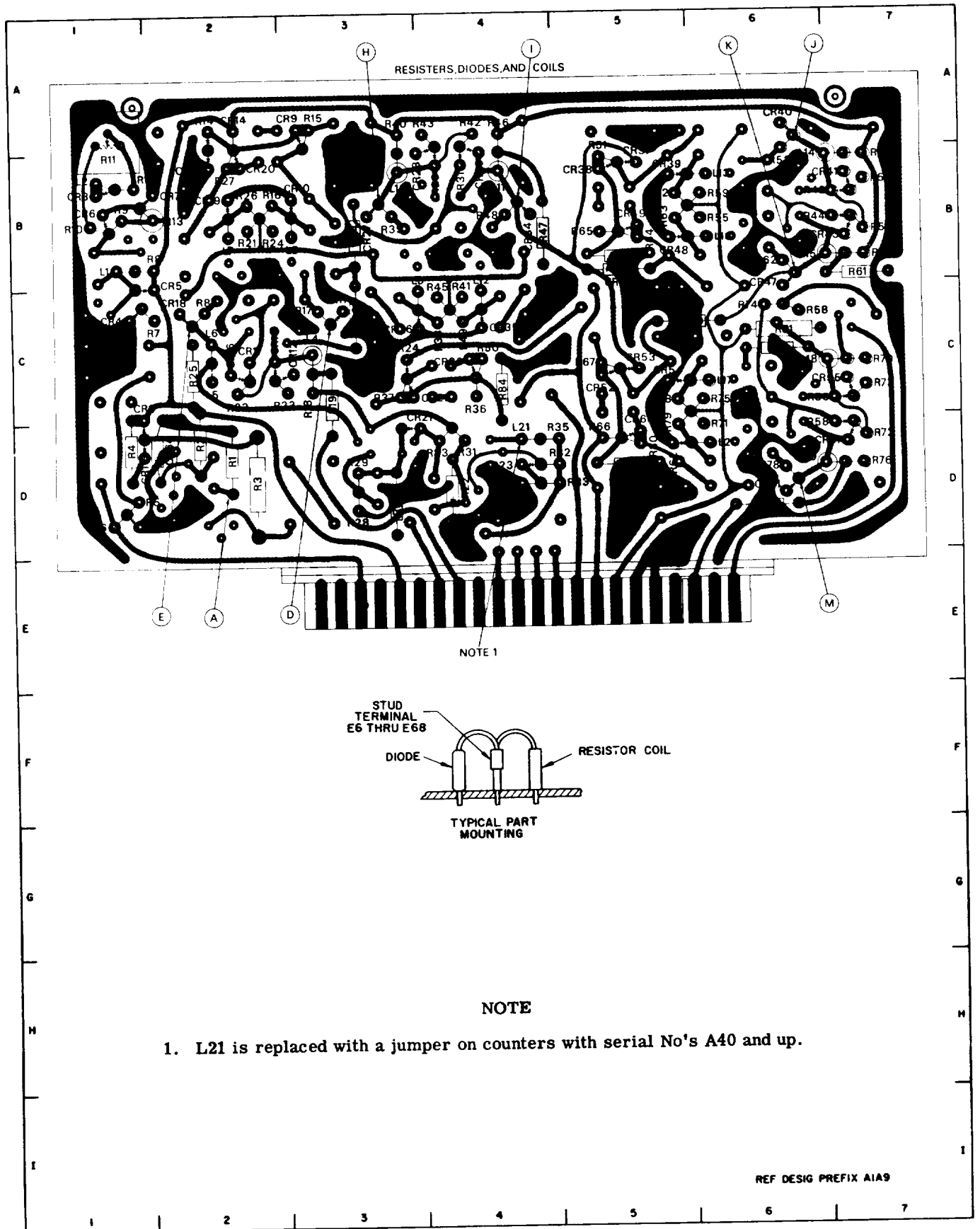
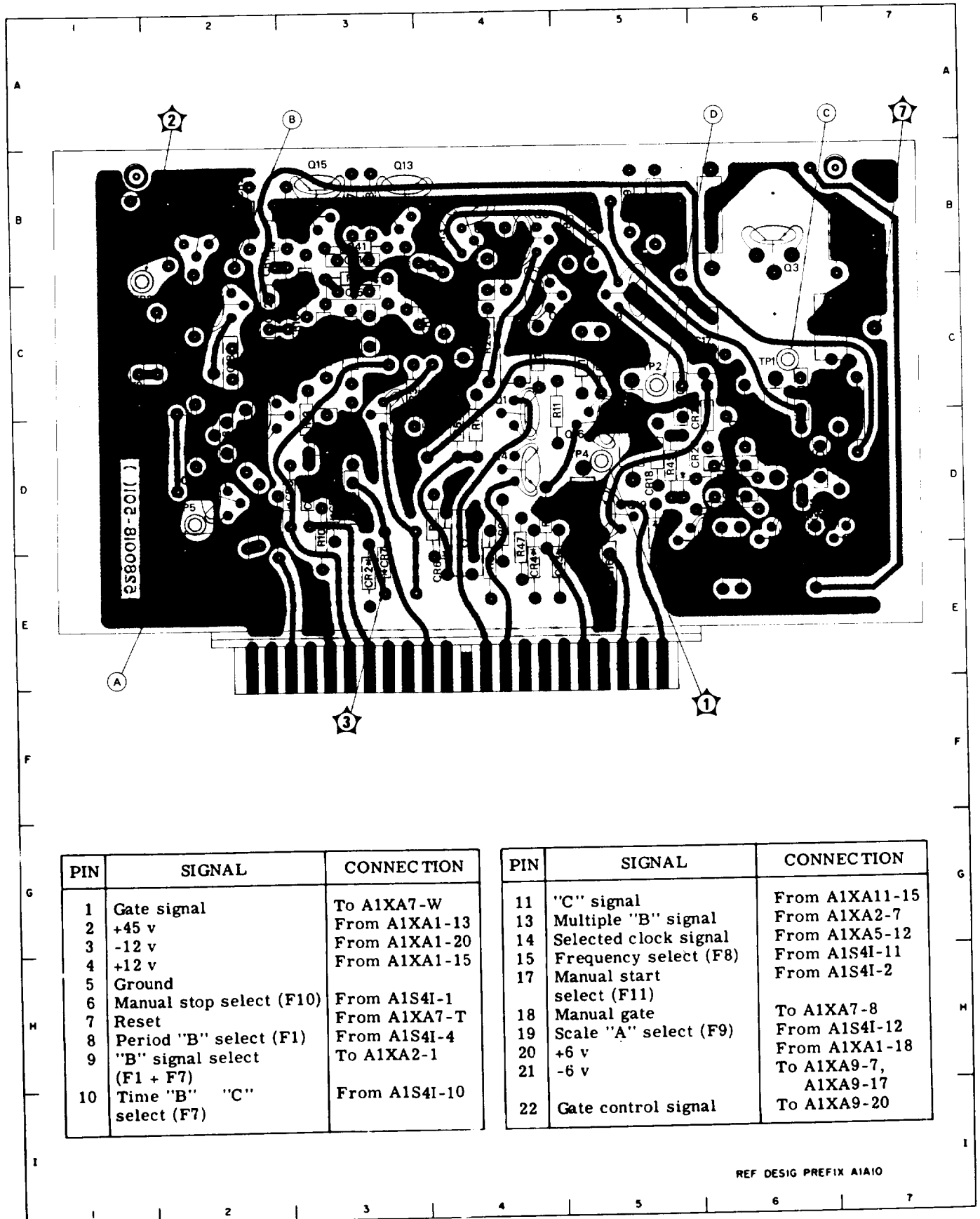


Figure 5-45. Frequency Divider A1A9, Location of Parts (Sheet 2 of 2)

PARTS LOCATION INDEX FOR FIGURE 5-46

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4C	CR8	2D	Q17	2C	R29	6D
C2	7C	CR9	3D	Q18	2B	R30	3C
C3	3D	CR10	6D	Q19	5D	R31	3C
C4	4E	CR11	6E	R1	4D	R32	3C
C5	3D	CR12	6D	R2	4E	R33	6D
C6	1D	CR13	4B	R3	3D	R34	6E
C7	4C	CR14	4C	R4	5B	R35	6E
C8	2D	CR15	3C	R5	7B	R36	6D
C9	2C	CR16	3C	R6	6B	R37	3B
C10	6D	CR17	2B	R7	3D	R38	3B
C11	6D	CR18	5D	R8	4E	R39	4C
C12	3C	CR20	6D	R9	4E	R40	6D
C13	7C	CR21	6D	R10	3E	R41	3B
C14	6D	CR22	3B	R11	4D	R42	3C
C15	3C	CR23	2B	R12	5C	R43	2C
C16	5E	Q1	4D	R13	3D	R44	2C
C17	6C	Q2	3D	R14	4C	R45	5D
C18	2C	Q3	6C	R15	5B	R46	4D
C19	6D	Q4	4D	R16	2E	R47	4E
C20	5D	Q5	5C	R17	4C	R48	3C
C21	3C	Q6	4B	R18	5B	R49	5D
C22	2C	Q7	2D	R19	5B	R50	2B
C24	4C	Q8	4B	R20	5C	R51	2B
C25	1B	Q9	5C	R21	2D	R52	5D
C 26	2E	Q10	2D	R22	2D	R53	4D
CR1	3D	Q11	7E	R23	4C	R54	4D
CR2	3E	Q12	6E	R24	2D	TP1(E1)	6C
CR3	4E	Q13	3B	R25	2D	TP2(E2)	5C
CR4	4E	Q14	5E	R26	7D	TP3(E3)	1C
CR5	5B	Q15	3B	R27	7D	TP4(E4)	5D
CR6	4E	Q16	5D	R28	6E	TP5(E5)	2D
CR7	3E						



PIN	SIGNAL	CONNECTION	PIN	SIGNAL	CONNECTION
1	Gate signal	To A1XA7-W	11	"C" signal	From A1XA11-15
2	+45 v	From A1XA1-13	13	Multiple "B" signal	From A1XA2-7
3	-12 v	From A1XA1-20	14	Selected clock signal	From A1XA5-12
4	+12 v	From A1XA1-15	15	Frequency select (F8)	From A1S4I-11
5	Ground		17	Manual start select (F11)	From A1S4I-2
6	Manual stop select (F10)	From A1S4I-1	18	Manual gate	To A1XA7-8
7	Reset	From A1XA7-T	19	Scale "A" select (F9)	From A1S4I-12
8	Period "B" select (F1)	From A1S4I-4	20	+6 v	From A1XA1-18
9	"B" signal select (F1 + F7)	To A1XA2-1	21	-6 v	To A1XA9-7, A1XA9-17
10	Time "B" "C" select (F7)	From A1S4I-10	22	Gate control signal	To A1XA9-20

REF DESIG PREFIX A1A10

Figure 5-46. Electronic Gate A1A10, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-47

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C2	5B	CR11	2C	R9	6C	R45	1E
C3	5C	CR12	1B	R10	6C	R46	2C
C4	6B	CR13	2B	R11	6C	R47	2C
C5	6B	CR14	2D	R12	6C	R48	2C
C6	7C	CR15	2D	R13	6C	R49	2C
C7	7B	CR16	2D	R14	6C	R50	2C
C8	6D	CR17	3D	R15	6C	R51	2C
C9	5D	CR18	3C	R16	6C	R52	2C
C10	5D	CR19	3D	R17	6C	R53	2C
C11	6E	CR20	3D	R18	6C	R54	2C
C12	5C	J1	4B	R19	7C	R55	2D
C13	4D	J2	4B	R20	6C	R56	1C
C14	7E	Q1	5B	R21	7D	R57	2C
C16	3B	Q2	5C	R22	7D	R58	1D
C17	3B	Q3	6C	R23	6C	R59	1D
C18	2B	Q4	7C	R24	7D	R60	2C
C19	2B	Q5	6D	R25	6D	R61	1D
C 20	1C	Q6	6D	R26	6D	R62	2D
C21	1B	Q7	5E	R27	6D	R63	2D
C22	2D	Q8	5C	R28	5D	R64	2D
C23	3D	Q9	3B	R29	5D	R65	2D
C24	3D	Q10	3C	R30	5D	R66	3D
C25	2E	Q11	2C	R31	5D	R67	3D
C 26	3C	Q12	1C	R32	5D	R68	3D
C27	4D	Q13	2D	R33	5E	R69	3D
C28	1E	Q14	2D	R34	5D	R70	3E
CR1	6C	Q15	3E	R35	5E	R71	3E
CR2	7B	Q16	3C	R36	5C	R72	3E
CR3	6B	R1	5B	R37	5D	R73	3C
CR4	6D	R2	5C	R38	3C	R74	3D
CR5	6D	R3	5C	R39	3B	TP1(E1	4D
CR6	6D	R4	6B	R40	3B	TP2(E2	6D
CR7	5D	R5	6C	R41	3B	TP3(E3	7C
CR8	5C	R6	6B	R42	2C	TP4(E4	4D
CR9	5D	R7	6B	R43	2B	TP5(E5	2D
CR10	5C	R8	7E	R44	2B	TP6(E6	1C

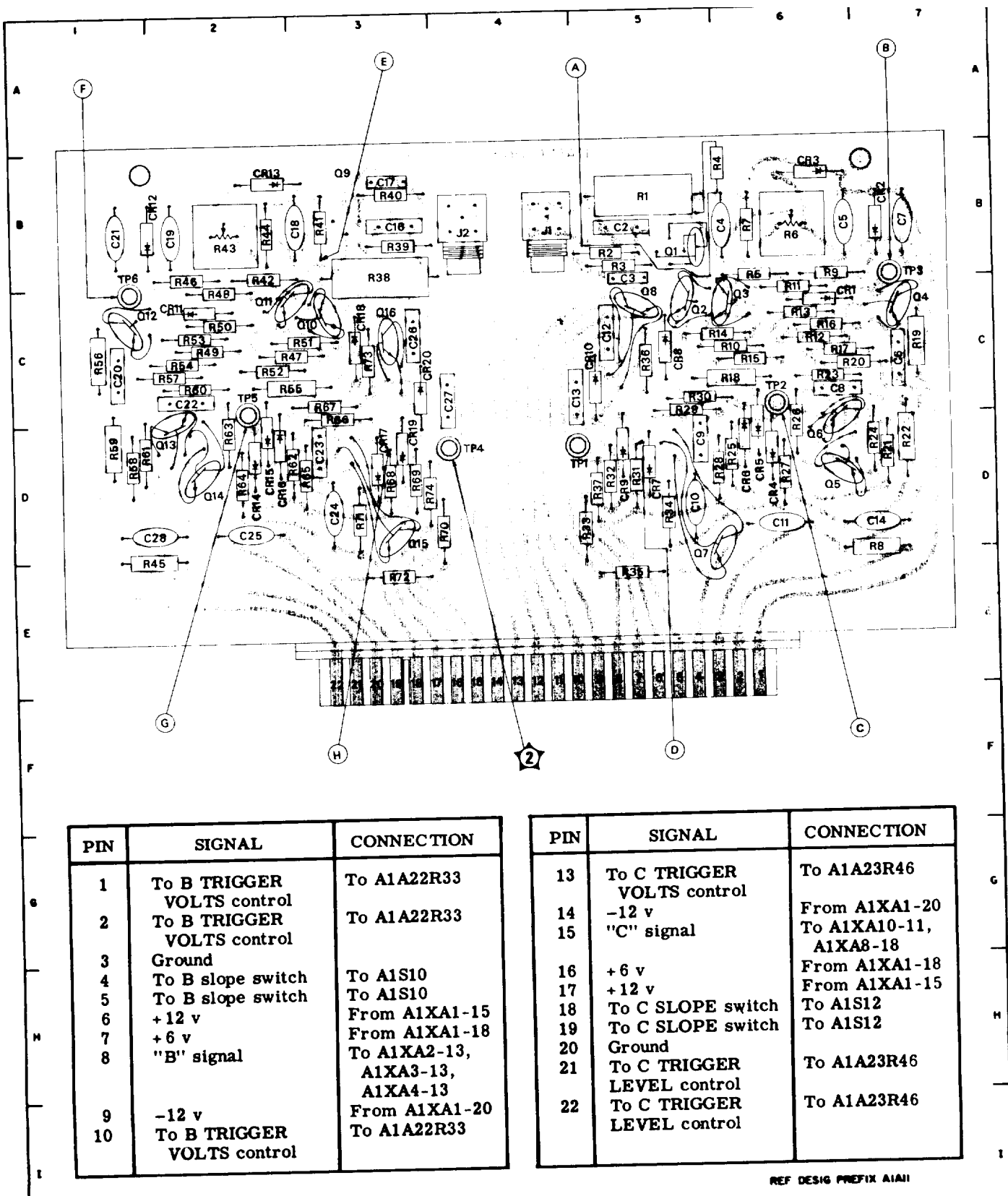


FIGURE 5-47 AF-RF Amplifier A1A11 Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-48

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4D	CR4	4F	CR38	3C	R2	5G	R23	3G	R44	4E	R65	3D
C2	4D	CR5	2H	CR41	3B	R3	5G	R24	3G	R45	4D	R66	2E
C3	3D	CR6	2H	DS1	6H	R4	5G	R25	2H	R46	4E	R67	2D
C4	3D	CR7	2H	Q1	4F	R5	5F	R26	2G	R47	4D	R68	2D
C5	4C	CR8	2G	Q2	4G	R6	5G	R27	2G	R48	4D	R69	2D
C6	4C	CR9	3G	Q3	4F	R7	4F	R28	3G	R49	4D	R70	2D
C7	4C	CR10	2G	Q4	4G	R8	4G	R29	2F	R50	4D	R71	3D
C8	3C	CR11	3G	Q5	3H	R9	4G	R30	2F	R51	3E	R72	3C
C9	3D	CR12	2F	Q6	1G	R10	3G	R31	3F	R52	3D	R73	2C
C10	3D	CR13	2F	Q7	2G	R11	3F	R32	3F	R53	3C	R74	2B
C11	2D	CR14	3F	Q8	2F	R12	3G	R33	2F	R54	4C	R75	3B
C12	3D	CR15	3F	Q9	2E	R13	5F	R34	2F	R55	4C	R76	3C
C13	3C	CR16	3E	Q10	4D	R16	5F	R35	3E	R56	4C	R77	2C
C14	2C	CR18	3E	Q11	4D	R17	2H	R36	3F	R57	4B	R78	2B
C15	2C	CR21	3D	Q12	4C	R18	2H	R37	3G	R58	4B	R79	2B
C16	3C	CR24	3C	Q13	4B	R19	3H	R38	4C	R59	4C	R80	2C
C17	4D	CR27	4B	Q14	2E	R20	3H	R39	2D	R60	4B	R81	2B
C18	4C	CR28	3D	Q15	2D	R21	2G	R40	2E	R61	3B	R82	3B
C19	3B	CR29	2C	Q16	2C	R22	2G	R41	4E	R62	4C	R83	3B
CR1	4G	CR32	3E	Q17	2C			R42	4E	R63	3E	TP1(E1)	2E
CR2	4G	CR35	3D	Q18	3B			R43	4E	R64	2E	TP2(E2)	3E
CR3	4F			R1	5F							XDS1	6H

DESTINATION INFORMATION FOR FIGURE 5-48

PIN	SIGNAL	CONN A1A12	CONN A1A13	CONN A1A14	CONN A1A15	CONN A1A16
1	+180v	From A1XA1-5	From A1XA1-5	From A1XA1-5	From A1XA1-5	From A1XA1-5
4	+45 v	From A1XA1-13	From A1XA1-13	From A1XA1-13	From A1XA1-13	From A1XA1-13
5	Cathode bias voltage	From A1XA19-5	From A1XA19-5	From A1XA19-5	From A1XA19-5	From A1XA19-5
6	Memory clear set	From A1XA7-F	From A1XA7-F	From A1XA7-F	From A1XA7-F	From A1XA7-F
7	Memory transfer	From A1XA7-H	From A1XA7-H	From A1XA7-H	From A1XA7-H	From A1XA7-H
8	Count signal	From A1XA13-9	From A1XA14-9	From A1XA15-9	From A1XA16-9	From A1XA17-9
9	Count signal	Not used	To A1XA12-8	To A1XA13-8	To A1XA14-8	To A1XA15-8
11	Ground					
12	BCD "1" output	To A1J11- j	To A1J11-P	To A1J11- h	to A1J11- z	To A1J11-F
13	-12 v	From A1XA1-20	From A1XA1-20	From A1XA1-20	From A1XA1-20	From A1XA1-20
14	+12 v	From A1XA1-15	From A1XA1-15	From A1XA1-15	From A1XA1-15	From A1XA1-15
15	BCD "2" output	To A1J11- a	To A1J11-L	To A1J11- e	To A1J11- w	To A1J11-E
16	Reset	From A1XA7-T	From A1XA7-T	From A1XA7-T	From A1XA7-T	From A1XA7-T
17	BCD "4" output	To A1J11-V	To A1J11-K	To A1J11- d	To A1J11- t	To A1J11-D
18	BCD "8" output	To A1J11-R	To A1J11-H	To A1J11-Z	To A1J11- r	To A1J11-A
20	Scaled count signal	To A1XA5-16	To A1XA5-16	To A1XA5-16	To A1XA5-16	To A1XA5-16
21	Scaled count signal select	From A1S3C-5	From A1S3C-4	From A1S3C-3	From A1S3C-2	From A1S3C-1

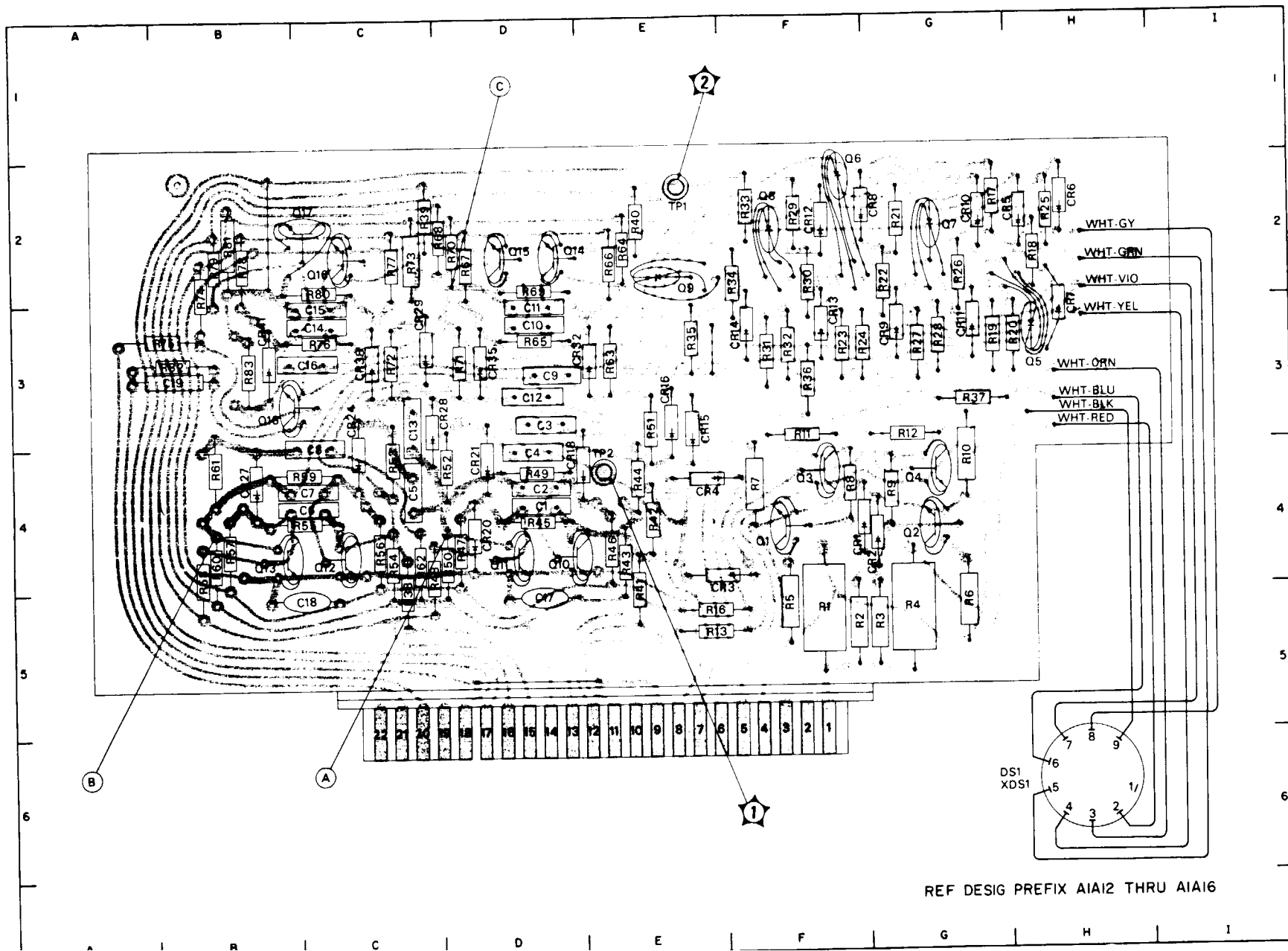


Figure 5-48. Digital Display Indicators - Frequency Dividers A1A12, A1A13, A1A14, A1A15, and A1A16. Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-49

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4D	CR6	2H	CR30	4B	Q11	4D	R17	2H	R40	2E	R63	3E
C2	4D	CR7	2H	CR31	2E	Q12	4C	R18	2H	R41	4E	R64	2E
C3	3D	CR8	2G	CR32	3E	Q13	4B	R19	3H	R42	4E	R65	3D
C4	3D	CR9	3G	CR33	2E	Q14	2E	R20	3H	R43	4E	R66	2E
C5	4C	CR10	2G	CR34	2D	Q15	2D	R21	2G	R44	4E	R67	2D
C6	4C	CR11	3G	CR35	3D	Q16	2C	R22	2G	R45	4D	R68	2D
C7	4C	CR12	2F	CR36	3D	Q17	2C	R23	3G	R46	4E	R69	2D
C8	3C	CR13	2F	CR37	2C	Q18	3B	R24	3G	R47	4D	R70	2D
C9	3D	CR14	3F	CR38	3C	R1	5F	R25	2H	R48	4D	R71	3D
C10	2D	CR15	3F	CR39	2C	R2	5G	R26	2G	R49	4D	R72	3C
C11	2D	CR16	3E	CR40	2B	R3	5G	R27	3G	R50	4D	R73	2C
C12	3D	CR17	4E	CR41	2B	R4	5G	R28	3G	R51	3E	R74	2B
C13	3C	CR18	3E	CR42	3B	R5	5F	R29	2F	R52	3D	R75	3B
C14	2C	CR19	4E	DS1	6H	R6	5G	R30	2F	R53	3C	R76	3C
C15	2C	CR20	4D	Q1	4F	R7	4F	R31	3F	R54	4C	R77	2C
C16	3C	CR21	3D	Q2	4G	R8	3F	R32	3F	R55	4C	R78	2B
C17	4D	CR22	3D	Q3	4F	R9	4G	R33	2F	R56	4C	R79	2B
C18	4C	CR23	3C	Q4	4G	R10	4G	R34	2F	R57	4B	R80	2C
C19	3B	CR24	3C	Q5	3H	R11	3F	R35	3F	R58	4B	R81	2B
CR1	4G	CR25	4C	Q6	1G	R12	3G	R36	3F	R59	4C	R82	3B
CR2	4G	CR26	4B	Q7	2G	R13	5F	R37	3F	R60	4B	R83	3B
CR3	4F	CR27	4B	Q8	2F	R16	5F	R38	4C	R61	4B	TP1(E1)	2E
CR4	4F	CR28	3D	Q9	2E			R39	2D	R62	4C	TP2(E2)	3E
CR5	2H	CR29	2C	Q10	4D							XDS1	6H

DESTINATION INFORMATION FOR FIGURE 5-49

PIN	SIGNAL	Connection		PIN	SIGNAL	Connection	
		A1A17	A1A18			A1 A17	A1A18
1	+180 v	From A1XA1-5	From A1XA1-5	13	-12 v	From A1XA1-20	From A1XA1-20
4	+45 v	From A1XA-13	From A1XA1-13	14	+12 v	From A1XA1-15	From A1XA1-15
5	Cathode bias voltage	From A1XA19-5	From A1XA19-5	15	BCD "2" output	To A1J11-U	To A1J11-P
6	Memory clear set	From A1XA7-F	From A1XA7-F	16	Reset	From A1XA7-T	From A1XA7-T
7	Memory transfer	From A1XA7-H	From A1XA7-H	17	BCD "4" output	To A1J11-T	To A1J11- h
8	Count signal	From A1XA18-9	From A1XA19-9	18	BCD "8" output	To A1J11-M	To A1J11- c
9	Count signal	To A1XA16-8	To A1XA17-8	20	Scaled count signal	To A1XA5-16	To A1XA5-16
11	Ground			21	Scaled count signal select	From A1S3C-11	From A1S3C-12
12	BCD "1" output	To A1J11-X	To A1J11- u				

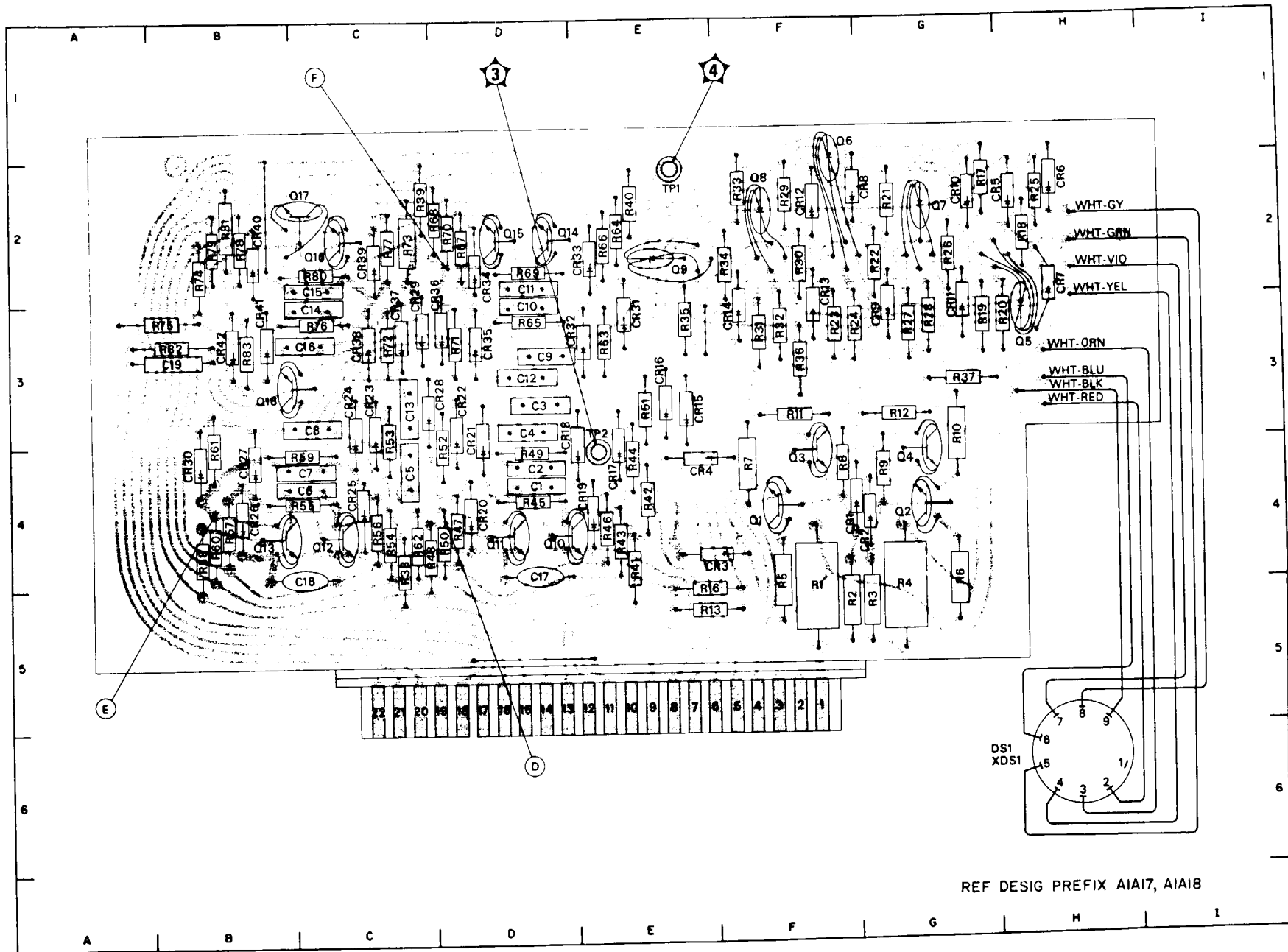


Figure 5-49. Digital Display Indicators - Frequency Dividers A1A17 and A1A18, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-50

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	5E	CR16	3E	Q17	2D	R20	3G	R41	5E	R62	4B
C2	4E	CR17	3D	Q18	2D	R21	2G	R42	3D	R63	3B
C3	5E	CR18	4E	Q19	2C	R22	2F	R43	4D	R64	3B
C4	4D	CR19	4E	Q20	2B	R23	3F	R44	4F	R65	4B
C5	2D	DS1	6H	R1	5F	R24	3F	R45	5D	R66	3B
C6	4B	Q1	4F	R2	5F	R25	2H	R46	5E	R67	2D
CR1	4F	Q2	4G	R3	5G	R26	2G	R47	5E	R68	2C
CR2	4G	Q3	3F	R4	5G	R27	3G	R48	4D	R69	3D
CR3	4E	Q4	3G	R5	5F	R28	3G	R49	5E	R70	2D
CR4	3E	Q5	3H	R6	4G	R29	2F	R50	3D	R71	2C
CR5	2H	Q6	2F	R7	4F	R30	2F	R51	3C	R72	2C
CR6	2H	Q7	2G	R8	4F	R31	3F	R52	4D	R73	2B
CR7	2H	Q8	2F	R9	4G	R32	3F	R53	4D	R74	2B
CR8	2F	Q9	2E	R10	4G	R33	2E	R54	4D	R75	2C
CR9	2G	Q10	3E	R11	3F	R34	2E	R55	5D	R76	2B
CR10	2G	Q11	4D	R12	3G	R35	3E	R56	5D	TP1 (E1)	3E
CR11	3G	Q12	4D	R13	4E	R36	3E	R57	4D	TP2 (E2)	3D
CR12	2F	Q13	4C	R16	4E	R37	3G	R58	4C	TP3 (E3)	3C
CR13	3F	Q14	4C	R17	2G	R38	2C	R59	3C	TP4 (E4)	3C
CR14	3E	Q15	4B	R18	2H	R39	2D	R60	3D	TP5 (E5)	3C
CR15	3E	Q16	3B	R19	3G	R40	4B	R61	4C	XDS1	6H

DESTINATION INFORMATION FOR FIGURE 5-50

PIN	SIGNAL	CONNECTION	PIN	SIGNAL	CONNECTION
1	+180 v	From A1XA1-5	12	BCD "1" output	To A1J11-O
3	+6 v	From A1XA1-18	13	-12 v	From A1XA1-20
4	+45 v	From A1XA1-13	14	+12 v	From A1XA1-15
5	Cathode bias voltage	To A1XA12-5, A1XA13-5, A1XA14-5, A1XA15-5, A1XA16-5, A1XA17-5, A1XA18-5	15	BCD "2" output	To A1J11-J
6	Memory clear set	From A1XA7-F	16	Scaled "A" frequency select	From A1S3C-10
7	Memory transfer	From A1XA7-H	17	BCD "4" output	To A1J11-I
8	Output	From A1XA9-1	18	BCD "8" output	To A1J11-G
9	Count signal	To A1XA18-8	19	BCD "1" output	From A1XA9-15
10	Scaled count signal	To A1XA5-16	20	BCD "4" output	From A1XA9-2
11	Ground		21	BCD "2" output	From A1XA9-9
			22	BCD "8" output	From A1XA9-3

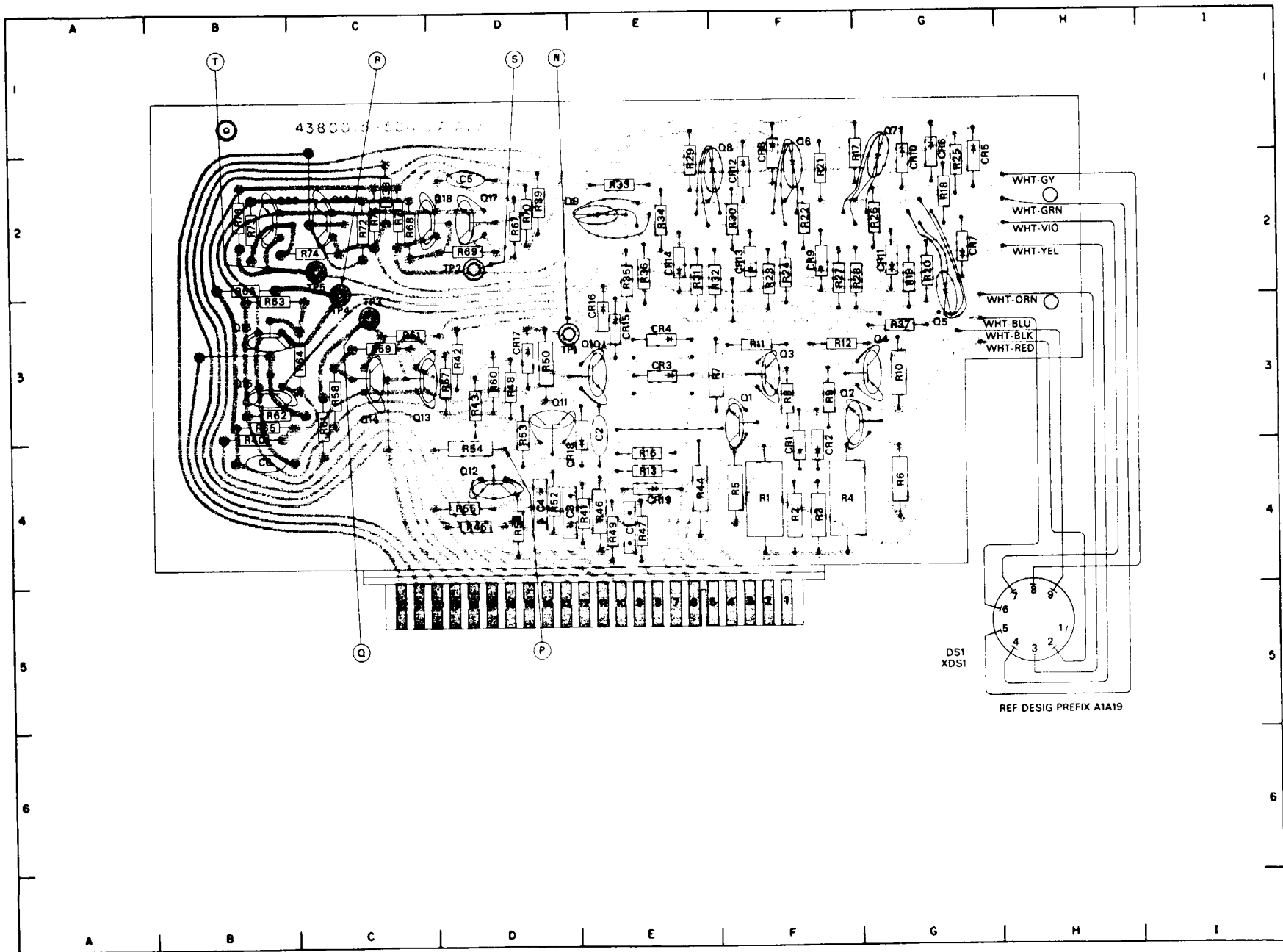


Figure 5-50. Digital Display Indicator - Frequency Divider A1A19, Location of Parts

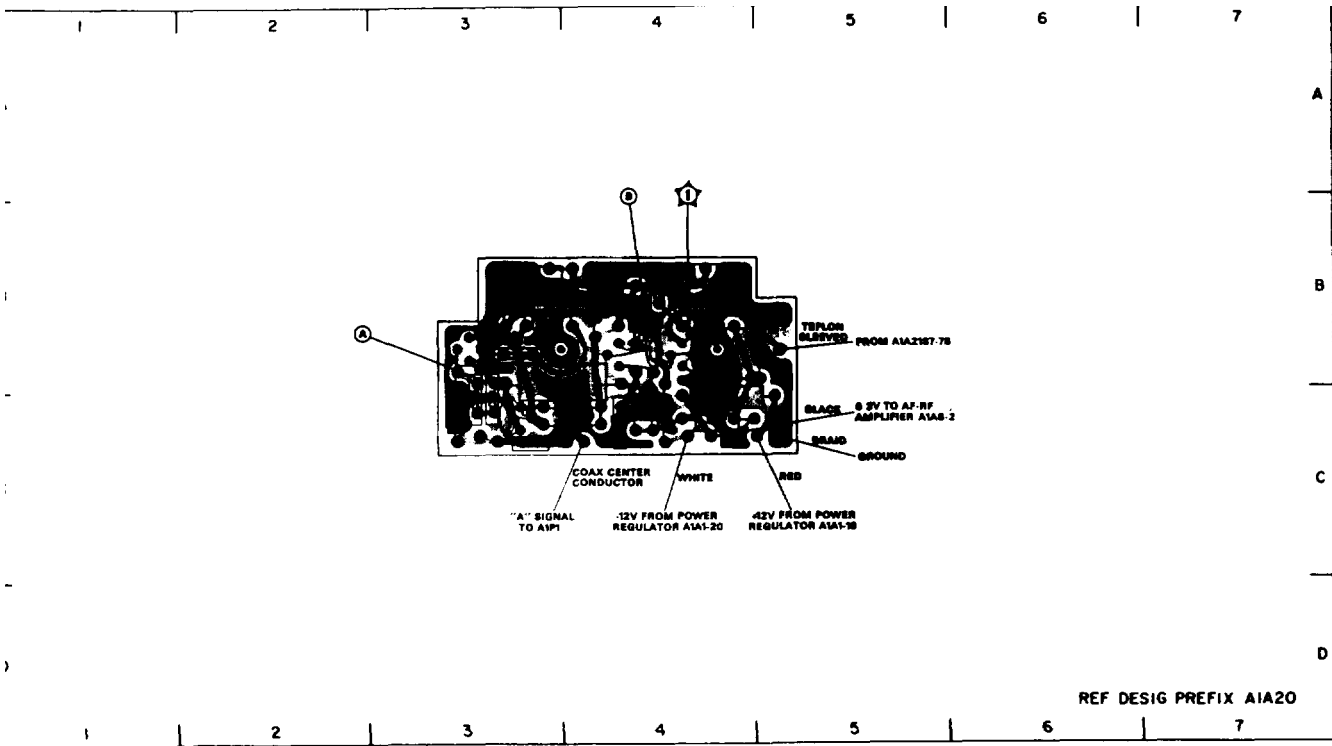
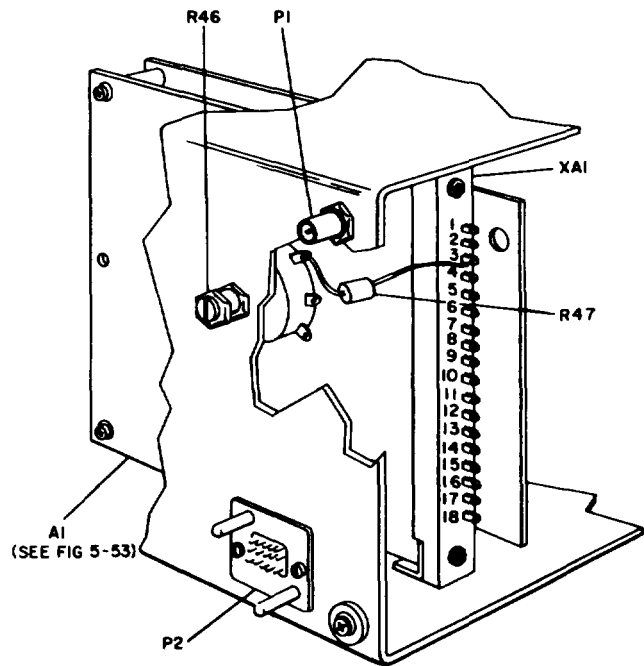


Figure 5-51. AF-RF Amplifier A1A20, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-51

REF DESIG.	DRAWING LOCATION	REF DESIG.	DRAWING LOCATION
C18	3C	Q6	3B
C20	3C	Q7	4B
C21	3B	Q8	5B
C23	4B	R8	5C
C25	5B	R9	3B
C26	3B	R10	3C
C28	3B	R11	3C
C29	3C	R12	5C
C30	4C	R13	4C
C31	5B	R15	4C
C32	4B	R16	4B
C45	5B	R17	4C
CR5	4B	R18	4B
CR6	4C	R19	4C
CR7	5B	R20	5B
Q5	3C		



REF DESIG PREFIX A2

Figure 5-52. Heterodyne Frequency Converter A2 Rear View, Location of Parts

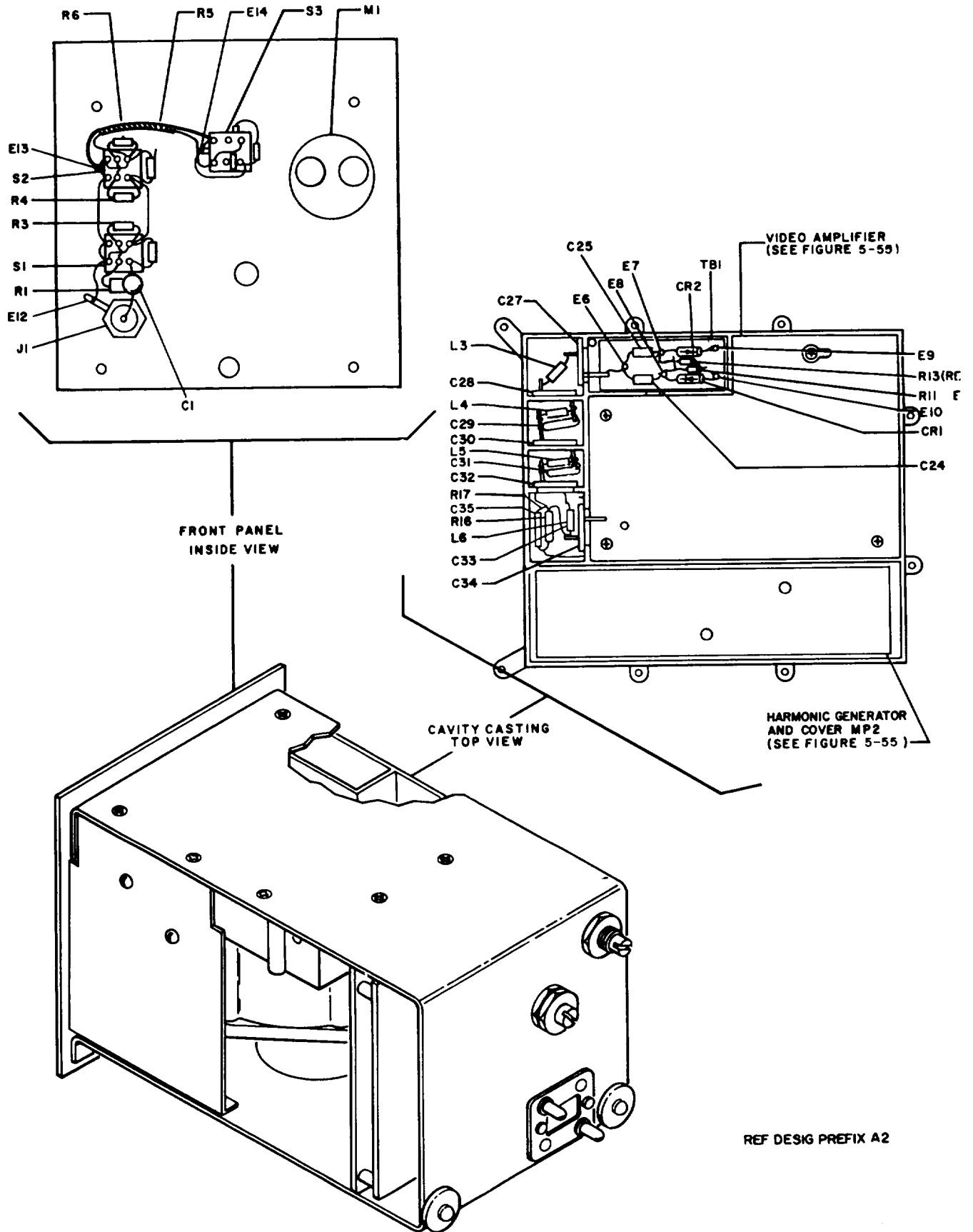


Figure 5-53. Electronic Frequency Converter A2 Top and Front View, Location of Parts

PARTS LOCATION INDEX FOR FIGURE 5-54

REF. DESIG.	DRAWING LOCATION
C1	5D
C2	5D
C3	5C
C4	5B
C5	4C
C7	3C
C8	3C
C9	3D
C10	3C
C11	3D
C12	6C
C13	5B
C 14	4D
C15	6D
C16	5C
C17	4D
C18	4D
C19	5D
C20	5D
C21	6D
C22	5D
C23	3D
C24	3D

REF. DESIG.	DRAWING LOCATION
CR1	5C
CR2	6D
L1	3C
L2	3E
L3	4D
L4	5E
L5	5E
L5	4D
Q1	5D
Q2	6C
Q3	4C
Q4	3C
Q5	3D
R1	5C
R2	5C
R3	4C
R5	3C
R6	5D
T1	4D
T2	5C
T3	4C
T4	3C
T5	2D

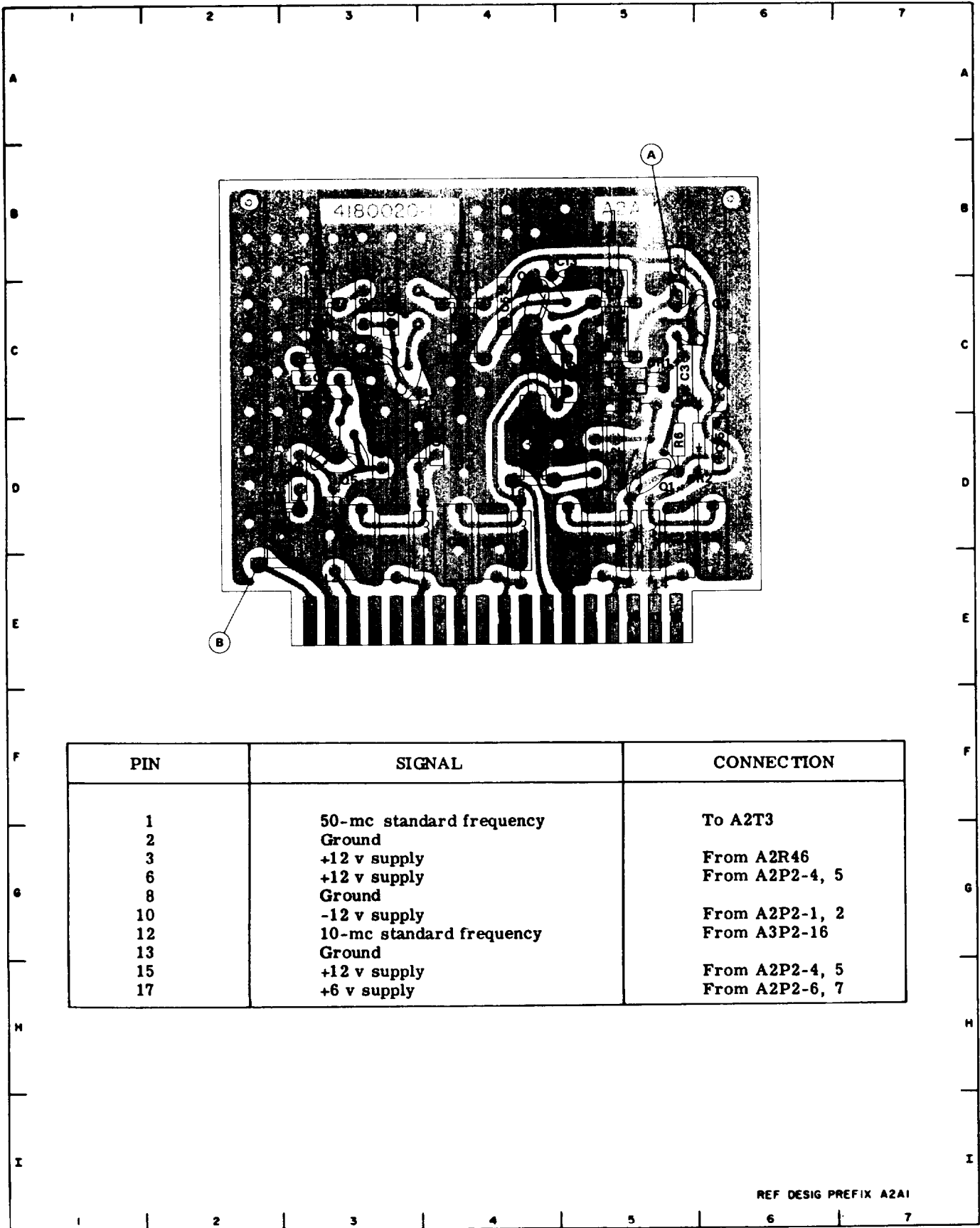


Figure 5-54. Frequency Multiplier A2A1, Location of Parts

REF DESIG.	PARTS LOCATION	REF DESIG.	PARTS LOCATION	REF DESIG.	PARTS LOCATION
C23	5B	E1	4B	R20	5C
C26	4B	E2	4B	R21	5C
C44	5C	E3	4B	R22	5C
C45	5C	E4	4B	R23	5C
C46	5C	L19	5C	R28	5C
C47	5C	L20	4C	R29	4C
C50	5B	L25	4C	R30	4C
C51	5C	Q3	5C	R31	4C
C52	4D	Q4	4C	R32	5D
C53	4C	Q5	4C	R33	3C
C54	4B	Q6	3C	R34	4C
C55	4B	Q7	3C	R35	3B
C56	4B	R10	4C	R36	3B
C57	3B	R11	5B	R37	4C
C59	3B	R12	5C	R38	3B
C60	3B	R13	4B	R39	3B
C61	3B	R14	4B	R40	3C
C62	3C	R15	4B	R41	3C
CR7	3C	R19	5C	R43	3C
CR8	3C				

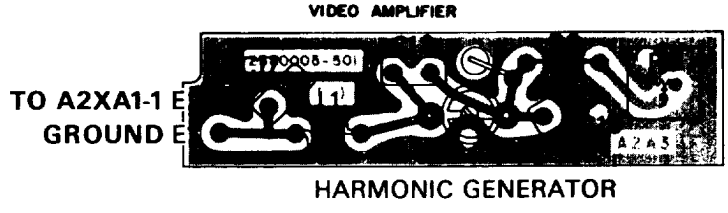
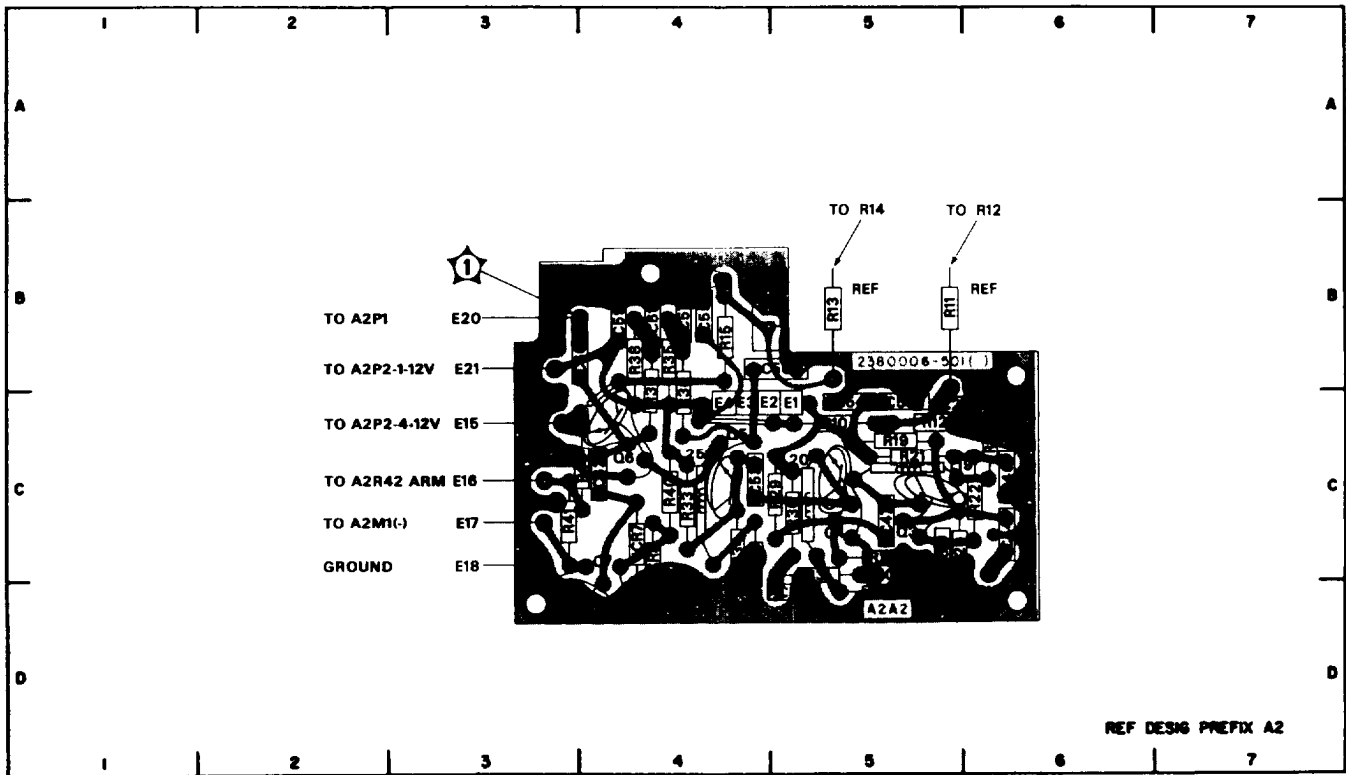


Figure 5-55. Video Amplifier and Harmonic Generator, Location of Parts

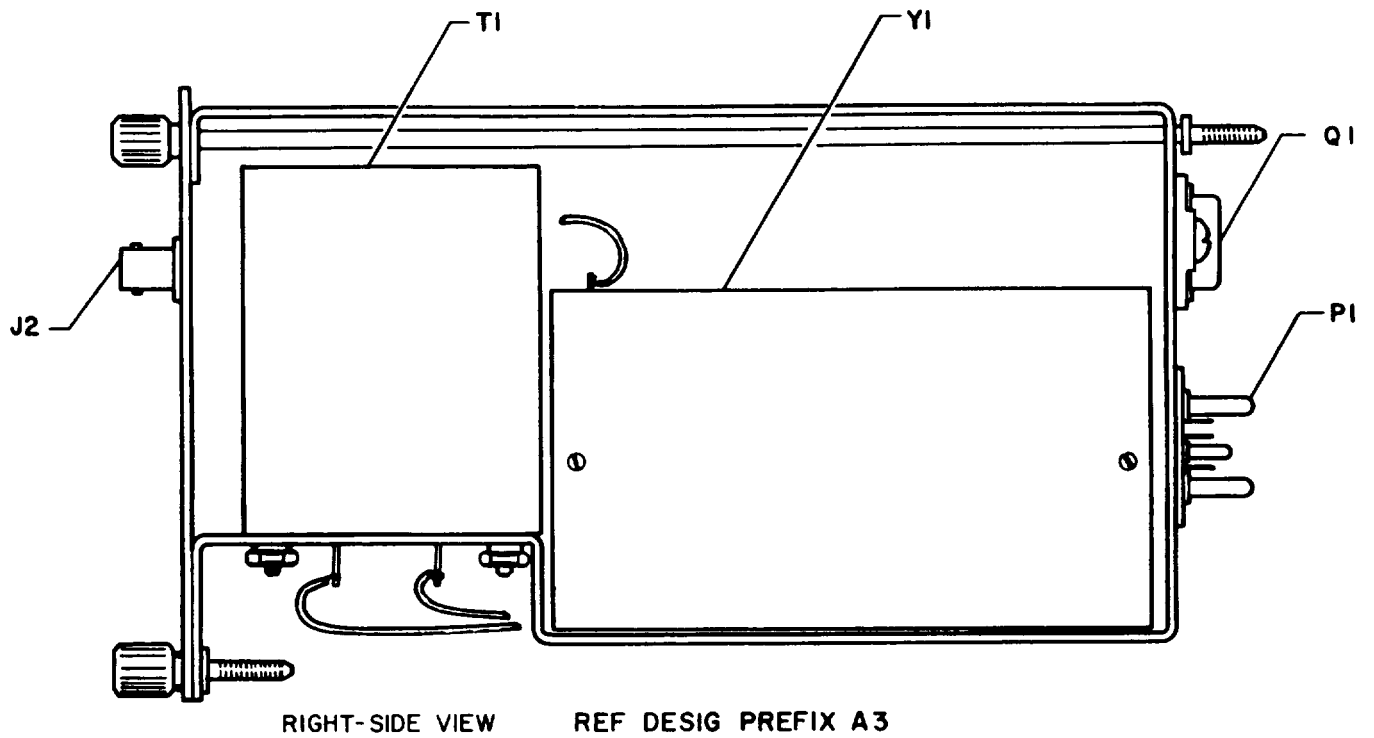
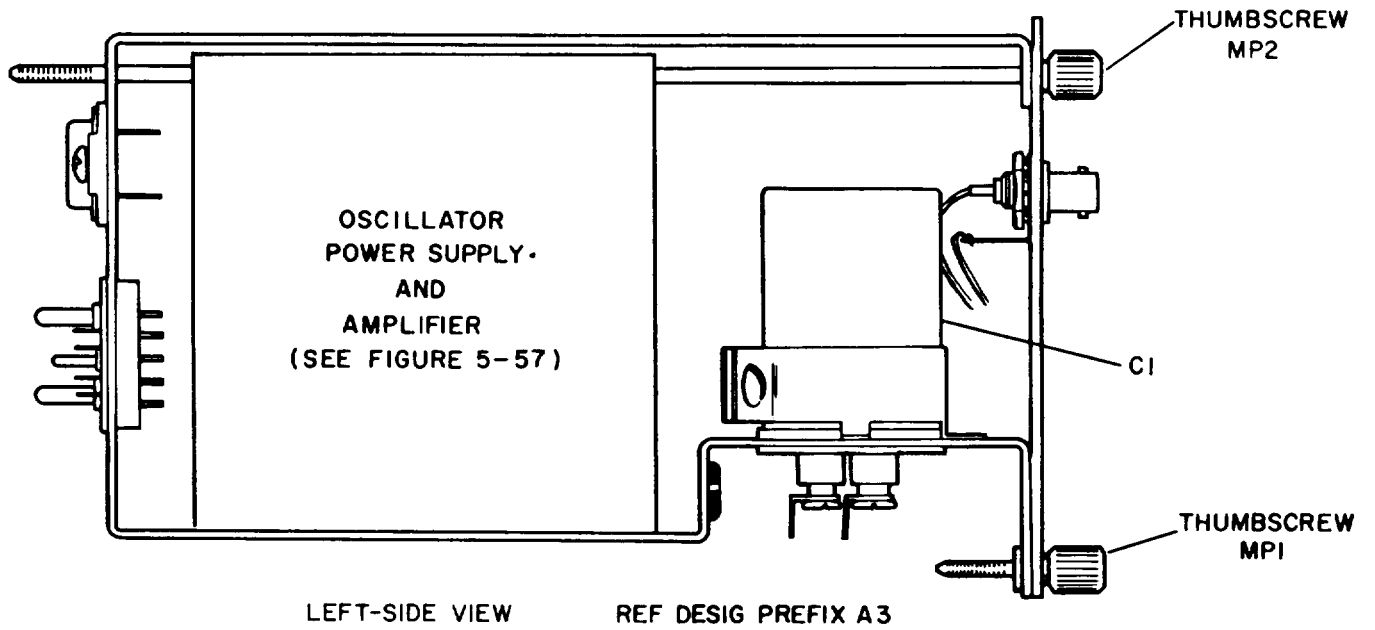


Figure 5-56. Radio Frequency Oscillator A3, Left and Right Side Views, Location of Parts

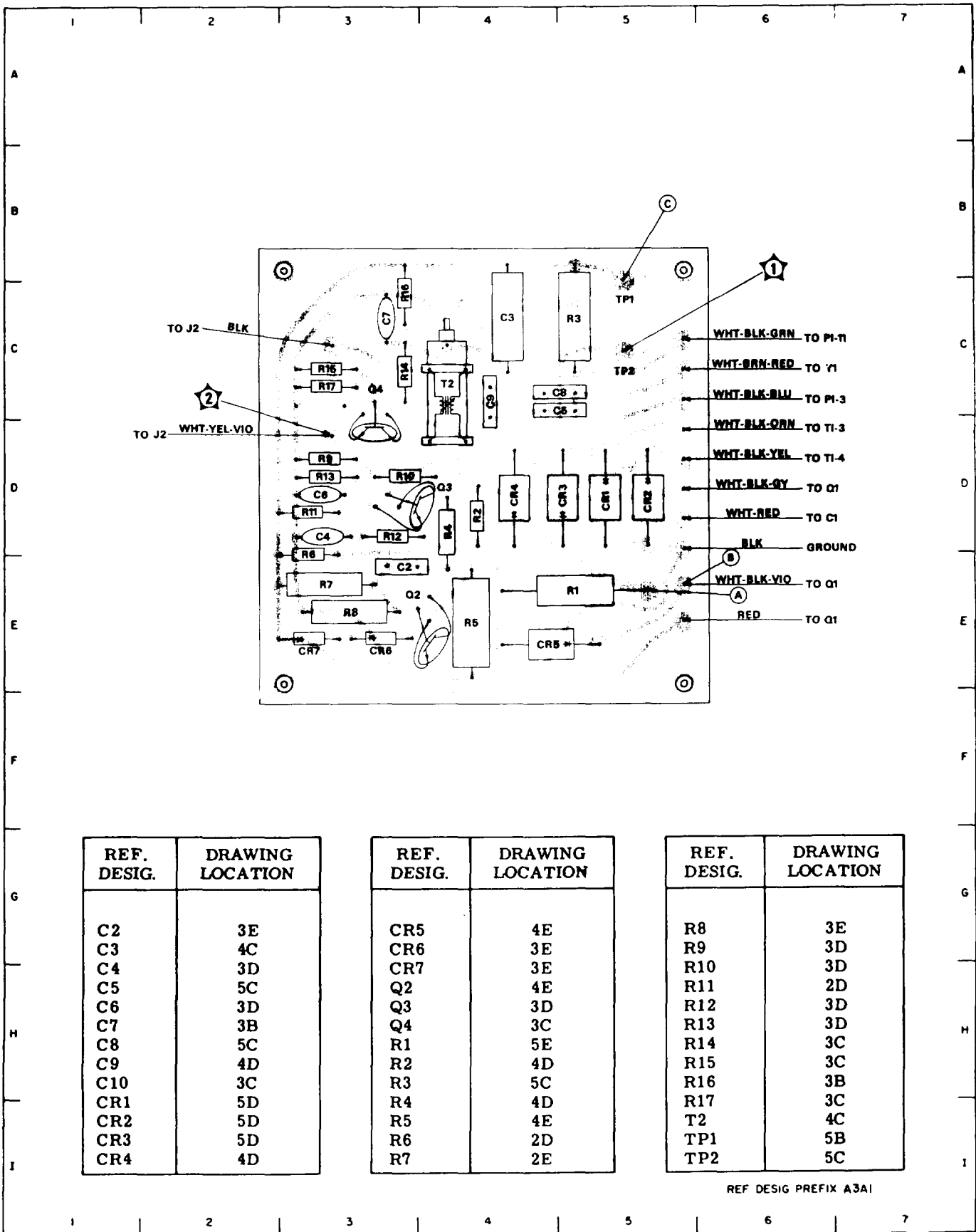


Figure 5-57. Oscillator Power Supply and Amplifier, Location of Parts

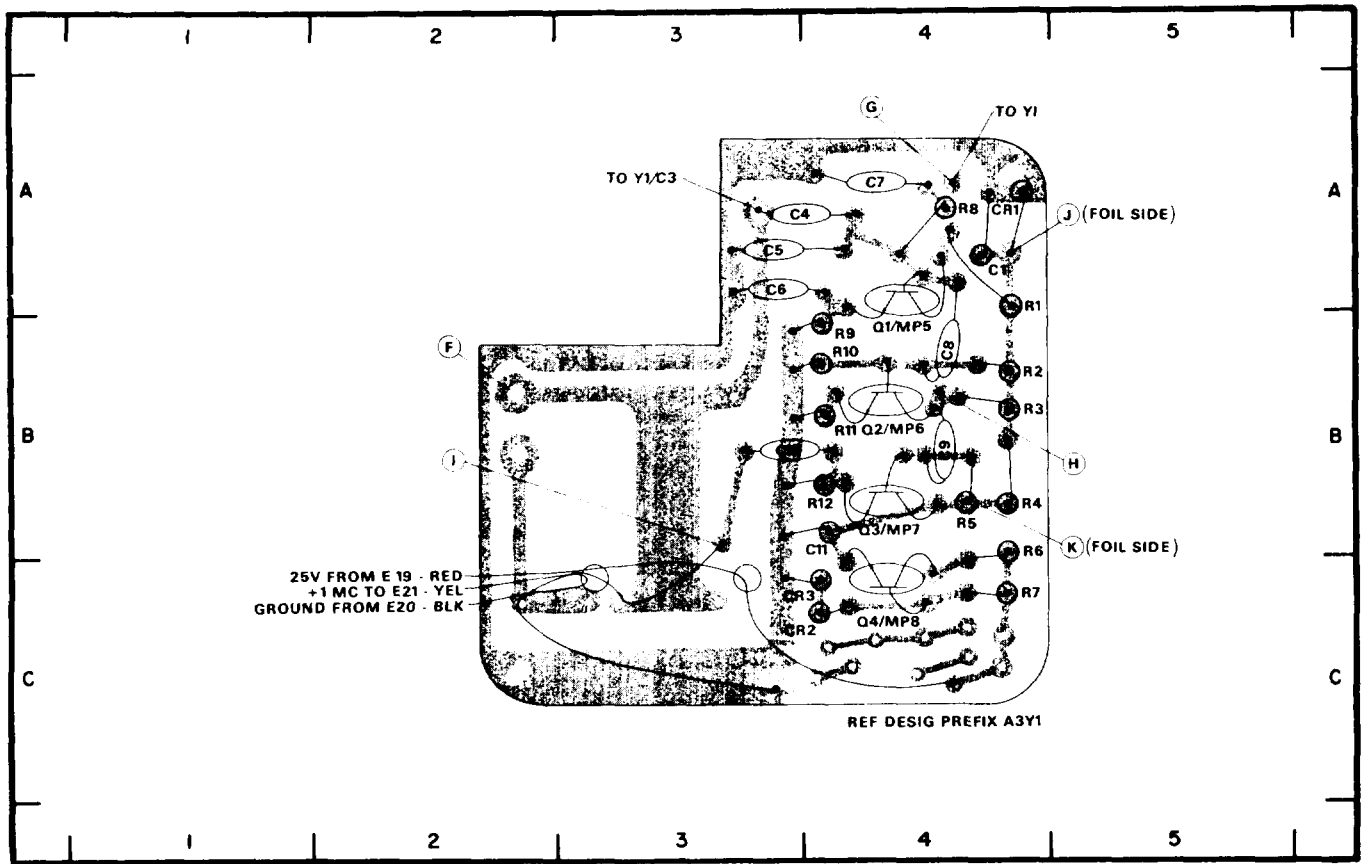


Figure 5-58. 1 Mc Oscillator A3Y1 Frequency Generator, Location of Parts (Ovenaire)

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4A	Q1	4A
C4	3A	Q2	4B
C5	3A	Q3	4B
C6	3A	Q4	4C
C7	4A	R1	4A
C8	4B	R2	4B
C9	4B	R3	4B
C10	3B	R4	4B
C11	3C	R5	4B
CR1	4A	R6	4C
CR2	3C	R7	4C
CR3	3C	R8	4A
MP5	4B	R9	3B
MP6	4B	R10	3B
MP7	4C	R11	3B
MP8	4C	R12	3B

115 VAC $\pm 10\%$, 50/60 CPS $\pm 5\%$ OR 400 CPS $\pm 10\%$

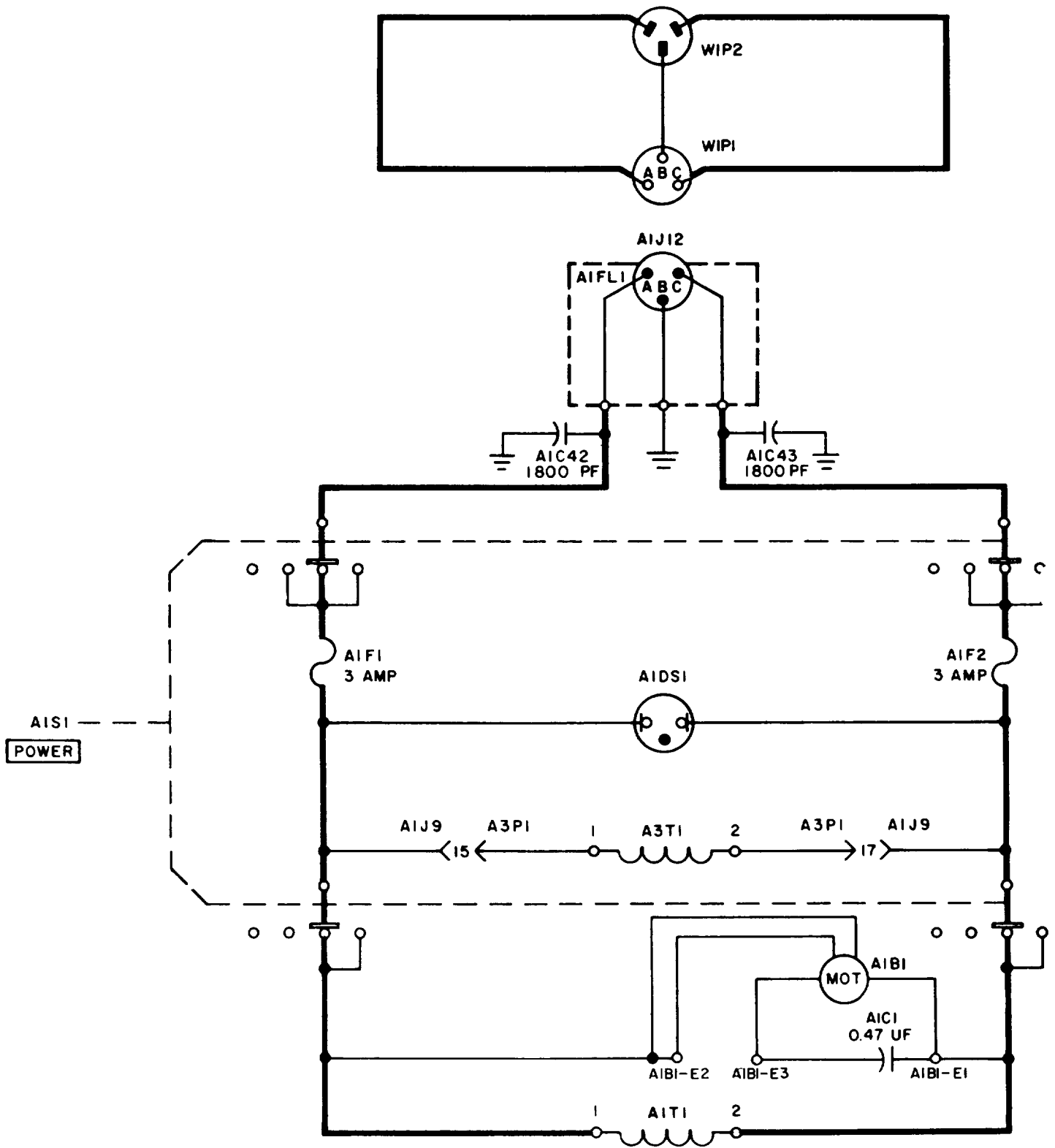


Figure 5-59 Power Distribution Diagram

- NOTES**
1. Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ±5%, all capacitors are specified in picofarads.
 2. - - - - - Indicates etched circuit boundaries.
 3. Names of panel controls and connectors are enclosed in boxes.
 4. Primary signal paths weighted.
 5. Dc voltages are preceded by "+" or "-".
 6. Dc voltages are measured with a CCUH-801 Dc Differential Voltmeter.

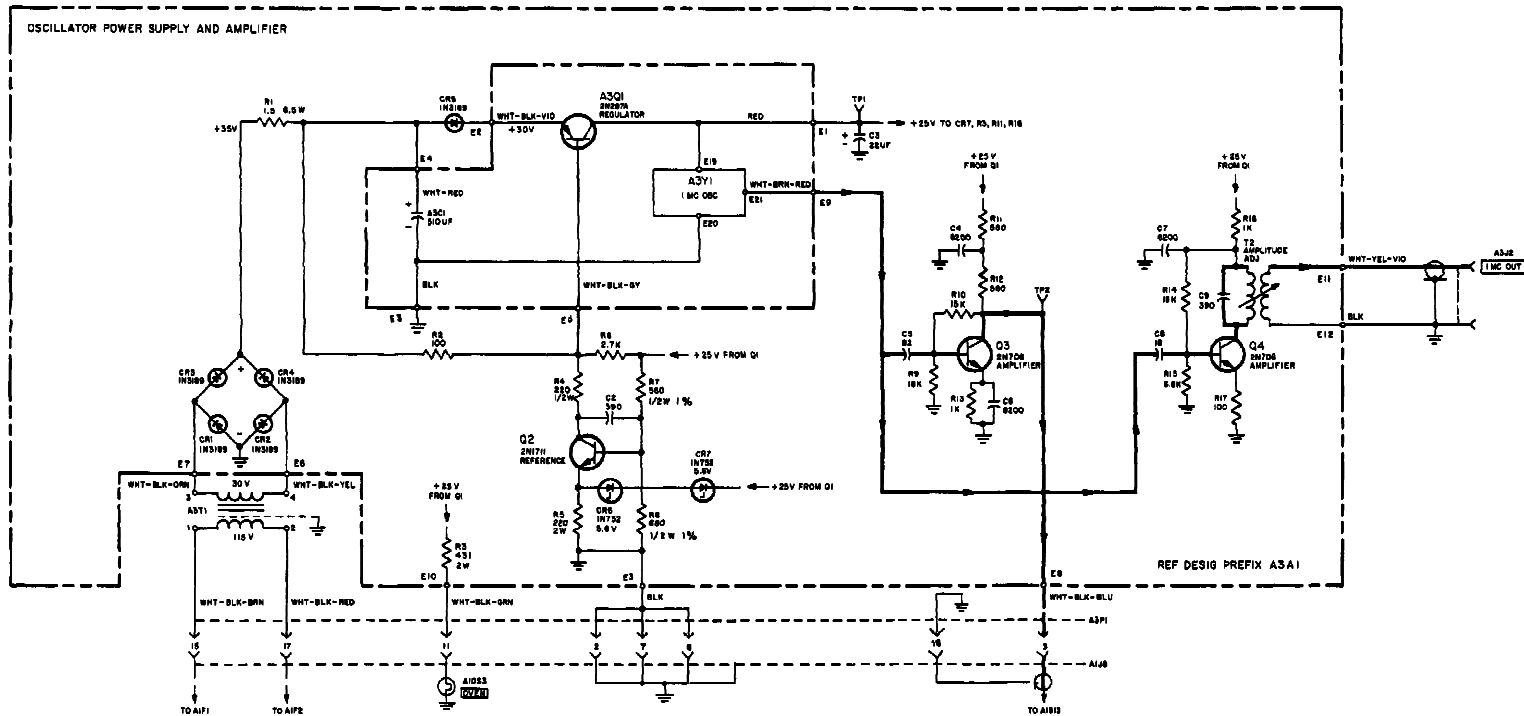


Figure 5-60. Radio Frequency Oscillator, Schematic Diagram (Sheet 1 of 2)

NOTES

1. Component values expressed in ohms and picofarads unless otherwise noted.
2. Names of panel controls enclosed in boxes.
3. Primary signal paths weighted, Feedback paths weighted and dashed.
4. Dc voltages are preceded by "+" or "-".
5. The letters CW placed adjacent to A3YR21 indicate the direction of rotation viewed from the shaft end.
6. Dc voltages measured with a CCUH-801 Dc Differential Voltmeter.
7. Procedure for selecting A3Y1R1 described in paragraph 5-5ak.
8. Procedure for selecting A3Y1C4 described in paragraph 5-5aj.

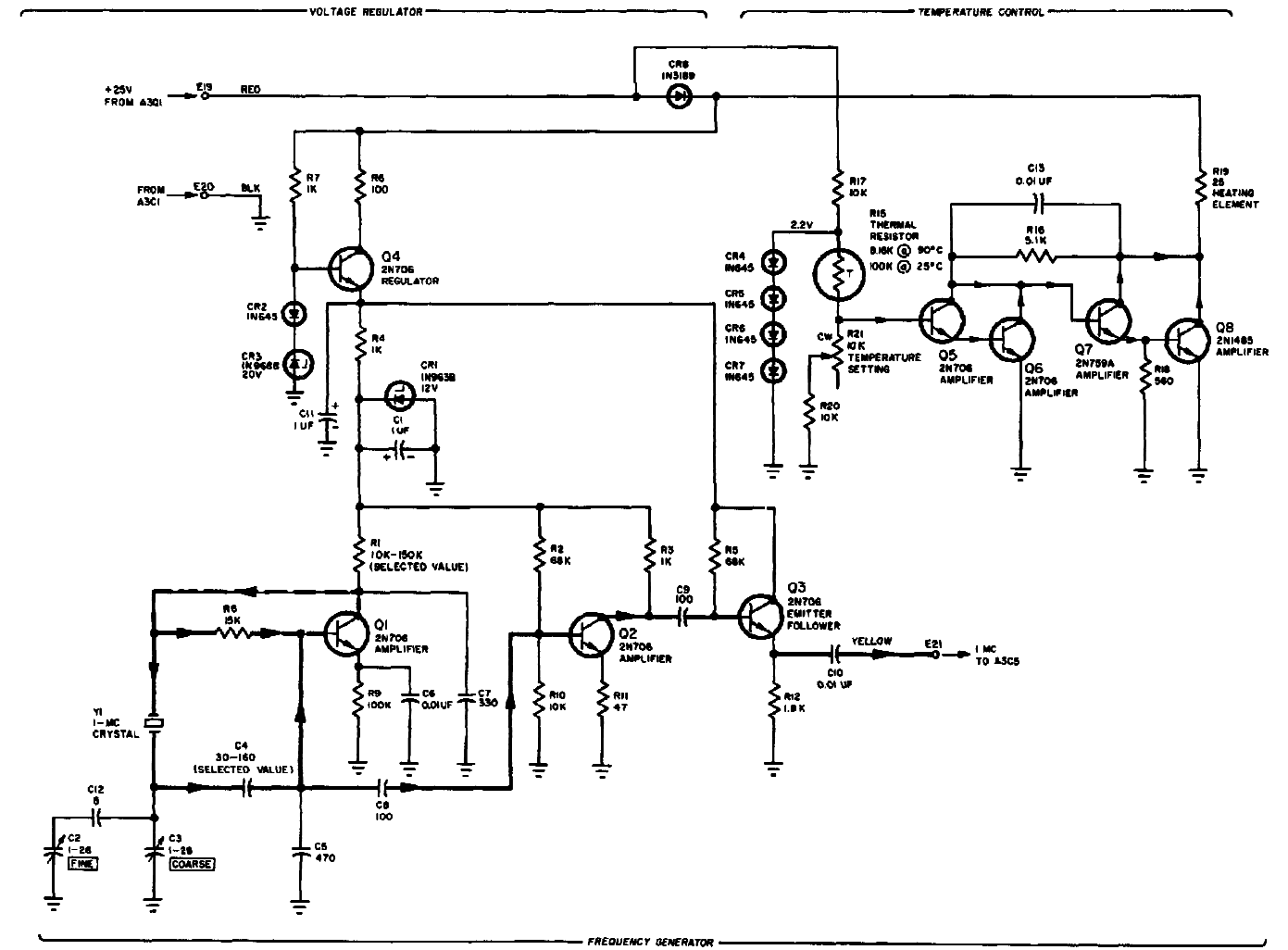


Figure 5-60. Radio Frequency Oscillator Schematic Diagram (Ovenaire) (Sheet 2 of 2)

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	3B	C56	11D	R8	7D	R19	11D
C2	3D	C57	12D	R9	7C	R24	11P
C3	3D	C46	12D	R10	7C	R24	11P
C4	3D	C46	12C	R11	7B	R18	12D
C5	3D	C46	12C	R12	7C	R17	12E
C6	3E	C47	13D	R3	8D	R19	12D
C7	3E	C52	13A	R4	8D	R20	12D
C8	3F	C53	14C	R5	10D	R21	13A
C9	3F	C52	14C	R6	11D	R22	13C
C10	6F	C53	15D	R19	13E	R23	13C
C11	6F	C56	16A	R20	14E	R28	14E
C12	6F	C55	17A	R21	15E	R29	14A
C13	6F	C56	16C	R22	15E	R30	14A
C14	6F	C57	16C	R23	15D	R31	14C
C15	6F	C56	16A	R24	14D	R32	14E
C16	7F	C58	18C	R25	13D	R33	14D
C17	5H	C61	17C	R26	14D	R34	15E
C18	6H	C62	17D	R27	16D	R35	16E
C19	7H	C61	17C	R28	17D	R36	16C
C20	6D	C62	18D	R29	18E	R37	16E
C21	6D	C62	18D	R30	18D	R40	16D
C22	10B	C63	7E	R31	4B	R40	16D
C23	10B	C63	7E	R32	4B	R41	16F
C24	8C	C64	17E	R33	4B	R42	16F
C25	8D	C65	18E	R34	4B	R43	16F
C26	11F	E1	15A	R35	8B	R43	16F
C27	8D	E2	15A	R36	8B	R43	16F
C28	8D	E3	15A	R37	7D	R43	16F
C29	8D	E4	15A	R38	7D	R43	16F
C30	10D	E5	8D	R39	7H	R43	16F
C31	10D	E6	8D	R40	7H	R43	16F
C32	10D	E7	8D	R41	11B	R43	16F
C33	11D	E8	8C	R42	8B	R43	16F

- NOTES**
- Unless otherwise noted:
 - A. All resistors are specified in ohms, 1/4 watt, ±5%.
 - B. All capacitors are specified in picofarads.
 - C. All inductors are specified in microhenries.
 - Indicates etched circuit assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted.
 - Dc voltages are preceded by "+" or "-".
 - Dc voltages are measured with a CCVH-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - Circuit groups are identified by brackets.
 - ASB4 shown in 100 position viewed from control knob or actuator end.

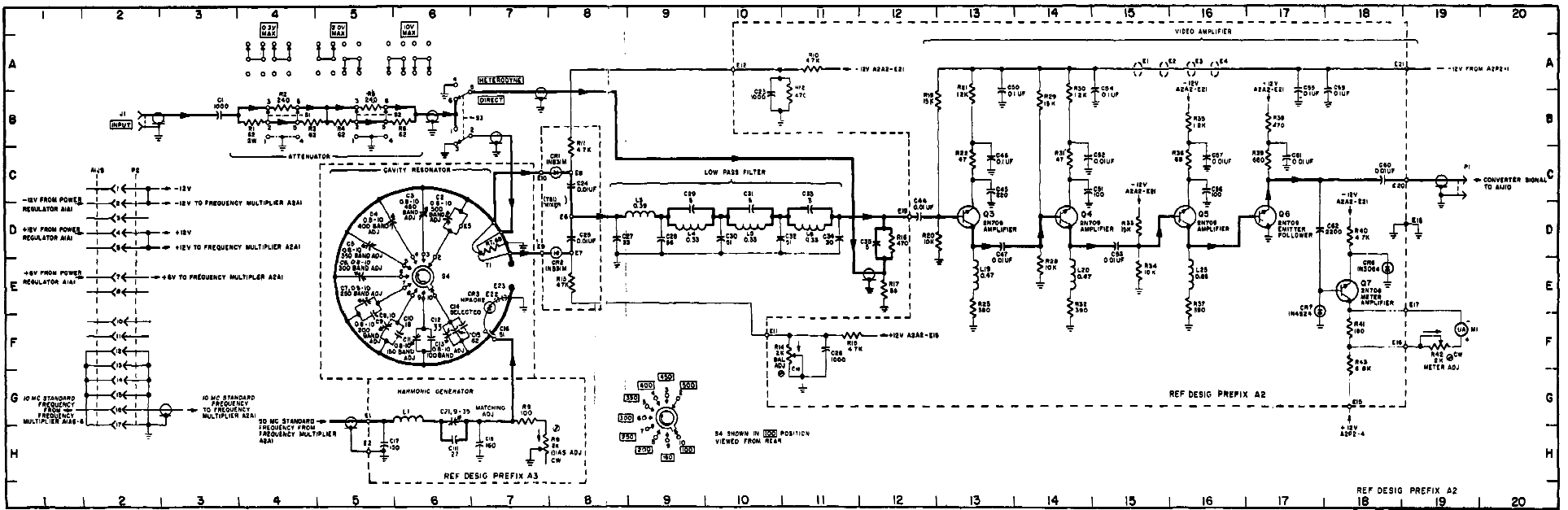


Figure 5-61. Electronic Frequency Converter less Frequency Multiplier ASB1. Schematic Diagram

- NOTES**
1. Unless otherwise noted all resistors are specified in ohms, 1/4 watt, a 5%, all capacitors are specified in picofarads.
 2. Primary signal paths are weighted.
 3. Dc voltages are preceded by "+" or "-".

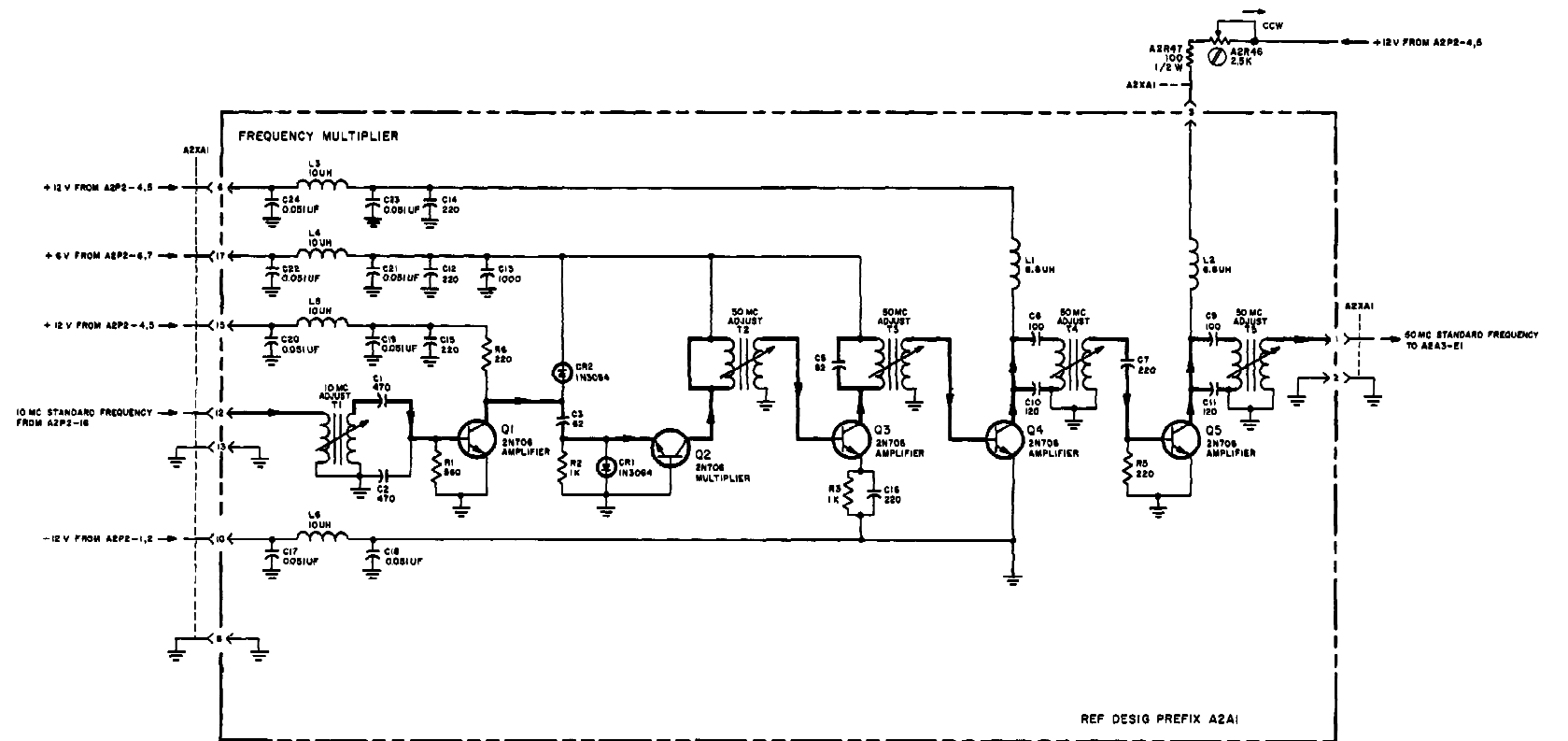


Figure 5-62. Electronic Frequency Converter Frequency Multiplier A2A1, Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG. PREFIX A1A20				REF. DESIG. PREFIX A1A21			
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C18	14E	E4	11B	C19	8D	E7	4D
C20	14F	E5	11E	C17	8E	E8	4E
C21	15F	Q6	18D	C18	9C	E9	4F
C22	15C	Q6	18F	C19	8C	E10	5F
C23	18G	Q7	17E	C20	8A	E8	7C
C24	18C	Q8	18E	C21	7D	E9	7C
C25	15E	E8	15C	C21	4E	E6	7D
C26	15E	R9	14D	E1	9C	E5	7D
C27	11F	R10	13F	E2	9C	E6	7E
C31	14C	R11	14F	E3	8A	E7	7E
C32	18F	R12	15G	E4	8A	E8	7E
C33	19G	R13	14G	E5	8A	E9	7E
C34	11C	R14	15C	E6	8A	E9	7E
C35	14D	R15	15D	E7	8A	E9	7E
C36	15G	R16	16F	E8	8A	E9	7E
E1	11F	R17	16F	A121	8A		
E2	11G	R18	17F	A1210	9A		
E3	11C	R20	18F				

- NOTES**
- Unless otherwise noted all resistors are specified in ohms. 1/4 watt, ± 5%. All capacitors are specified in picofarads.
 - indicates assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted.
 - Dc voltages are preceded by "+" or "-".
 - Dc voltages are measured with a CCUN-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

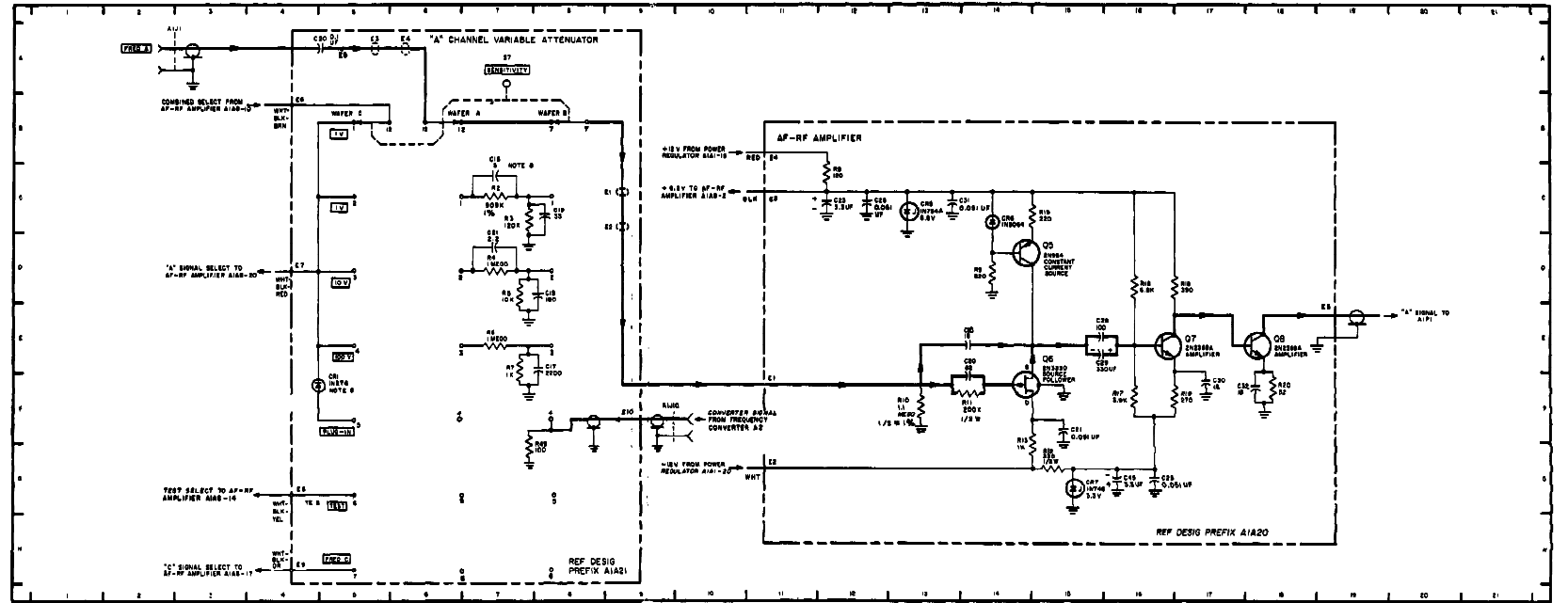


Figure 5-63. A Amplifier, Schematic Diagram
5-121, 5-122

PARTS LOCATION INDEX					
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
PREFIX A1A11					
C1	18E	CR31	18B	R19	18C
C2	18C	J1	18D	R19	18E
C3	11D	Q1	11C	R19	18E
C4	18D	Q2	18D	R21	17C
C5	18E	Q3	18D	R21	18B
C6	18C	Q4	18C	R23	17D
C7	18B	Q5	18C	R24	17B
C8	17C	Q6	18C	R25	18B
C9	18C	Q7	21D	R26	18E
C10	18P	Q8	18C	R27	18E
C11	11P	R1	10D	R28	18C
C12	18D	R2	10D	R29	18D
C13	18C	R3	11D	R30	18E
C14	18E	R4	18C	R31	11B
CR3	17C	R5	18C	R32	18B
CR1	18C	R6	18C	R33	18B
CR2	18B	R7	18E	R34	18E
CR3	18E	R8	18F	R35	18E
CR4	18C	R9	18C	R36	18E
CR5	18C	R10	18E	R37	24C
CR6	18D	R11	14C	R15	17B
CR7	11B	R12	14C	TP1	23C
CR8	18C	R13	18D	TP2	18C
CR9	18C	R14	18E	TP3	18E
CR10	18D	R15	18E		
PREFIX A1					
C38	2B				
C40	14D				
J1	1B				
J2	1C				
R2	1C				
R3	1D				
R4	1D				
XA11	1E, 14C, 22C, 24C				

- NOTES
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads.
 - _____ indicates assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Do voltages are preceded by "+" or "-".
 - The letters CW or CCW, placed adjacent to the appropriate terminals of ALA2833 and A1A11R6, indicates the direction of rotation viewed from the shaft end.
 - Do voltages are measured with a CCUR-901 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

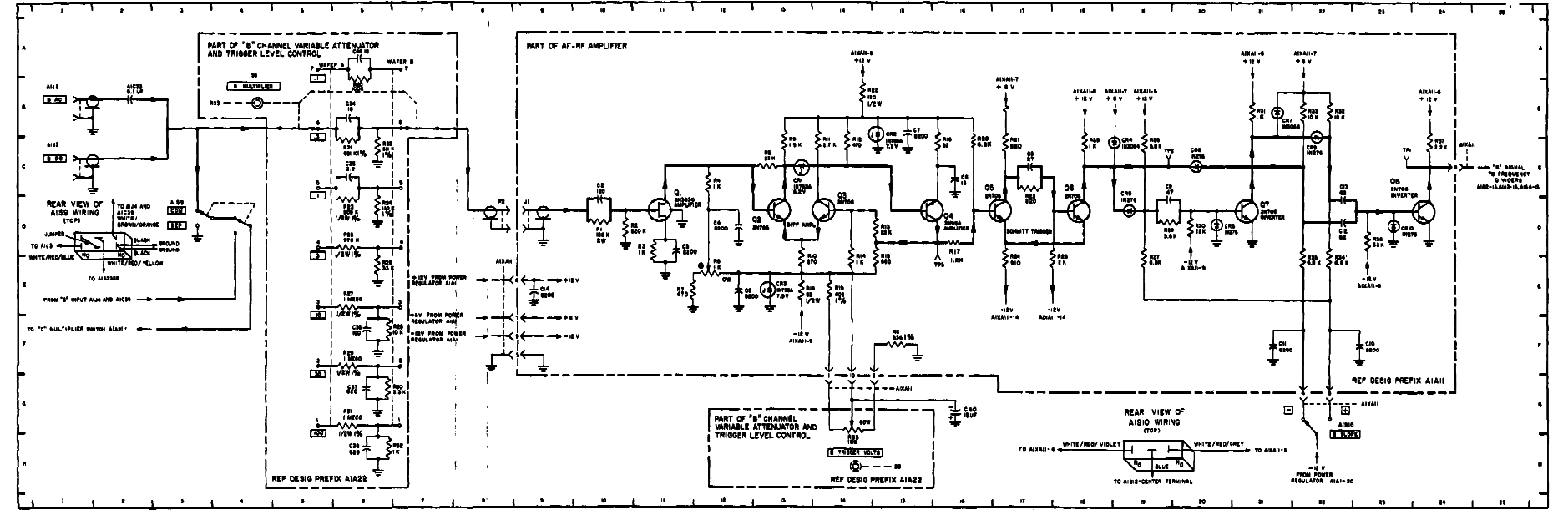


Figure 5-64. B Amplifier with A1A11 Model MP14-546L4 AF-RF Amplifier Schematic Diagram

PARTS LOCATION INDEX							
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
PREFIX AIA11							
C16	10C	Q9	11D	R54	16E	C34	8B
C17	11D	Q10	12D	R55	17E	C35	9C
C18	12D	Q11	13D	R56	18E	C36	8F
C19	13E	Q12	14D	R57	19C	C37	9C
C20	15C	Q13	16D	R58	17C	C38	8E
C21	19C	Q14	18D	R59	14B	C39	5A
C22	19C	Q15	18D	R60	17D	C40	8C
C23	19C	Q16	18D	R61	17E	C41	8C
C24	23F	R28	10D	R62	18C	C42	8D
C25	21F	R29	11D	R63	17E	C43	8D
C26	22D	R40	11E	R64	19E	C44	8D
C27	23C	R41	14C	R65	19C	C45	8E
C28	26	R62	13C	R66	15D	C46	8E
CR11	19C	R63	18E	R67	20E	C47	8F
CR12	16C	R64	18E	R68	21B	C48	8F
CR13	19E	R65	19F	R69	22B	C49	8C
CR14	19C	R66	13C	R70	23B	C50	8C
CR15	19D	R67	13E	R71	23E	C51	8E
CR16	20D	R68	14C	R72	23E	C52	8B
CR17	21B	R69	14C	R73	23E	C53	8A
CR18	20C	R70	15D	R74	24C	C54	8A
CR19	22C	R51	14E	R75	19C	C55	8A
CR20	23D	R52	15E	R76	19C	C56	8A
CR21	25D	R53	18C	R77	18E	C57	8A

PREFIX AI		
C39	2D	
C41	16G	
J4	1C	
J5	1B	
J7	8D	
XA11	2E, 14G	28G, 24C

- NOTES
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, a 5%, all capacitors are specified in picofarads.
 - _____ indicates assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Do voltages are preceded by "+" or "-".
 - The letters CW or CCW, placed adjacent to the appropriate terminals of AIA20S1 and AIA11D4, indicate the direction of rotation viewed from the shaft end.
 - Do voltages are measured with a CCUN-901 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

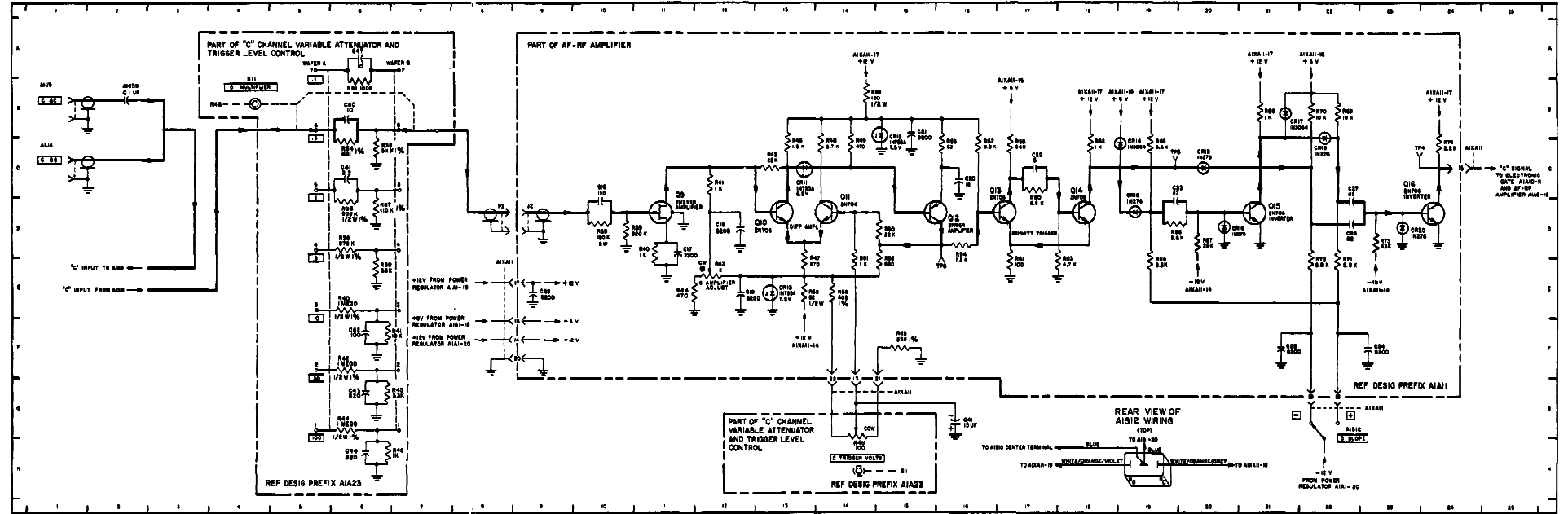


Figure 5-65. C Amplifier, Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4C	C40	3F	Q1	8F	R30	8E
C2	8B	C41	3E	Q2	8F	R31	8G
C3	6C	C42	3E	Q3	8F	R32	8E
C4	8C	C43	4E	Q4	8F	R33	8G
C5	8B	C44	4E	Q5	8F	R34	8G
C6	10B	C45	18B	Q6	8F	R35	10G
C7	11B	C46	18E	Q7	8F	R36	11F
C8	11C	C47	18E	Q8	8F	R37	11F
C9	13C	C48	18E	Q9	8F	R38	12F
C10	18B	C49	18E	Q10	8F	R39	14F
C11	16C	C50	18E	Q11	8F	R40	14F
C12	17B	C51	18E	Q12	8F	R41	15G
C13	17C	C52	18E	Q13	8F	R42	15E
C14	18B	C53	14C	Q14	8F	R43	15F
C15	19B	C54	14C	Q15	8F	R44	16F
C16	3F	C55	3F	Q16	8F	R45	17E
C17	7F	C56	3F	Q17	8F	R46	17F
C18	8S	C57	3F	Q18	8F	R47	18F
C19	8F	C58	3F	Q19	8F	R48	18E
C20	10F	C59	3F	Q20	8F	R49	18C
C21	12E	C60	3F	Q21	8F	R50	20E
C22	12E	C61	3F	Q22	8F	R51	19G
C23	12E	C62	3F	Q23	8F	R52	19H
C24	13E	C63	3F	Q24	8F	R53	20E
C25	15F	C64	3F	Q25	8F	R54	21C
C26	14F	C65	3F	Q26	8F	R55	22F
C27	16E	C66	3F	Q27	8F	R56	21E
C28	16E	C67	3F	Q28	8F	R57	19C
C29	16E	C68	3F	Q29	8F	R58	19B
C30	16E	C69	3F	Q30	8F	R59	16B
C31	18G	C70	3F	Q31	8F	R60	19B
C32	22E	C71	3F	Q32	8F	R61	19F
C33	22E	C72	3F	Q33	8F	R62	19F
C34	2E	C73	3F	Q34	8F	R63	21G
C35	3E	C74	3F	Q35	8F	R64	21G
C36	4E	C75	3F	Q36	8F	R65	21G
C37	4E	C76	3F	Q37	8F	R66	21G
C38	4E	C77	3F	Q38	8F	R67	21G
C39	2F	C78	3F	Q39	8F	R68	21G

- NOTES
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads, all inductors are specified in microhenries.
 - indicates etched circuit assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted.
 - Dc voltages are preceded by "+" or "-".
 - Dc voltages are measured with a CCUI-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

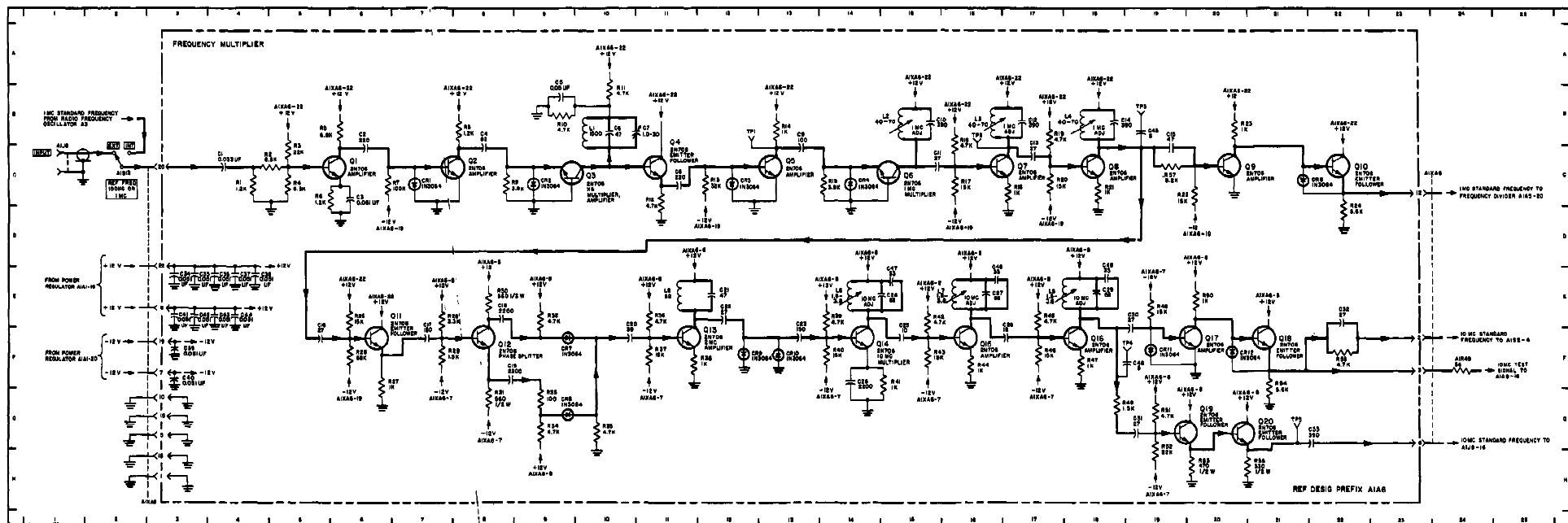


Figure 5-66. 10-Mc and 1-Mc Multiplier, Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
A1J7	84D	CR8	10C	R3	6B	R30	8F
A1KAB	8A	CR9	11C	R4	6D	R40	8F
C1	2B	CR7	11D	R6	7B	R41	8F
C2	3C	CR8	12C	R8	8C	R42	8E
C3	8D	CR9	14D	R6	6C	R43	8F
C4	7B	CR10	13C	R7	8B	R44	8E
C5	7D	CR11	14C	R6	6B	R45	8F
C6	8B	CR12	12C	R9	9D	R46	10E
C7	8C	CR13	16C	R10	10D	R47	10B
C8	11B	CR14	16C	R11	10B	R48	10F
C9	11C	CR15	18C	R12	11B	R49	14D
C10	12B	CR16	19C	R13	16C	R50	11E
C11	13B	CR17	20C	R14	12C	R51	12F
C12	13B	CR18	20C	R15	12C	R52	12F
C13	15D	CR19	8F	R16	14D	R53	13E
C14	16B	CR20	15F	R17	15C	R54	16F
C15	16D	CR21	16C	R18	14D	R55	16F
C16	18A	CR22	17F	R19	14B	R56	16F
C17	18B	CR23	13Q	R20	18B	R57	17F
C18	19D	Q1	6B	R21	15C	R58	17F
C19	20D	Q8	9B	R22	18C	R59	17E
C20	20D	Q5	10B	R23	16C	R60	17F
C21	2C	Q4	13B	R24	17B	R61	17F
C22	4F	Q6	14B	R25	17D	R62	15F
C23	8E	Q6	6B	R26	16D	R63	15F
C24	9E	Q7	17B	R27	22B	R64	15F
C25	10E	Q8	21B	R28	18B	R65	15F
C26	4B	Q9	6E	R29	16C	R66	15F
C27	18E	Q10	7F	R30	16C	R67	18K
C28	18D	Q11	8F	R31	20C	R68	4E
C29	17E	Q12	10E	R32	20B	R69	4E
C30	17G	Q13	11E	R33	21B	R70	4E
C31	18C	Q14	15F	R34	20D	R71	20F
CR1	6C	Q15	18F	R35	7E	R72	21B
CR2	7C	Q16	19F	R36	6E	R73	1C
CR3	8C	Q17	19F	R37	6E	R74	1C
CR4	8C	R1	8C	R38	6F	R75	1C

- NOTES**
- Unless otherwise noted all resistors are specified in ohms. 1/4 watt, a 5%, all capacitors are specified in picofarads.
 - _____ indicates assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - De voltages are preceded by "+" or "-".
 - De voltages are measured with a CCUR-801 De Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

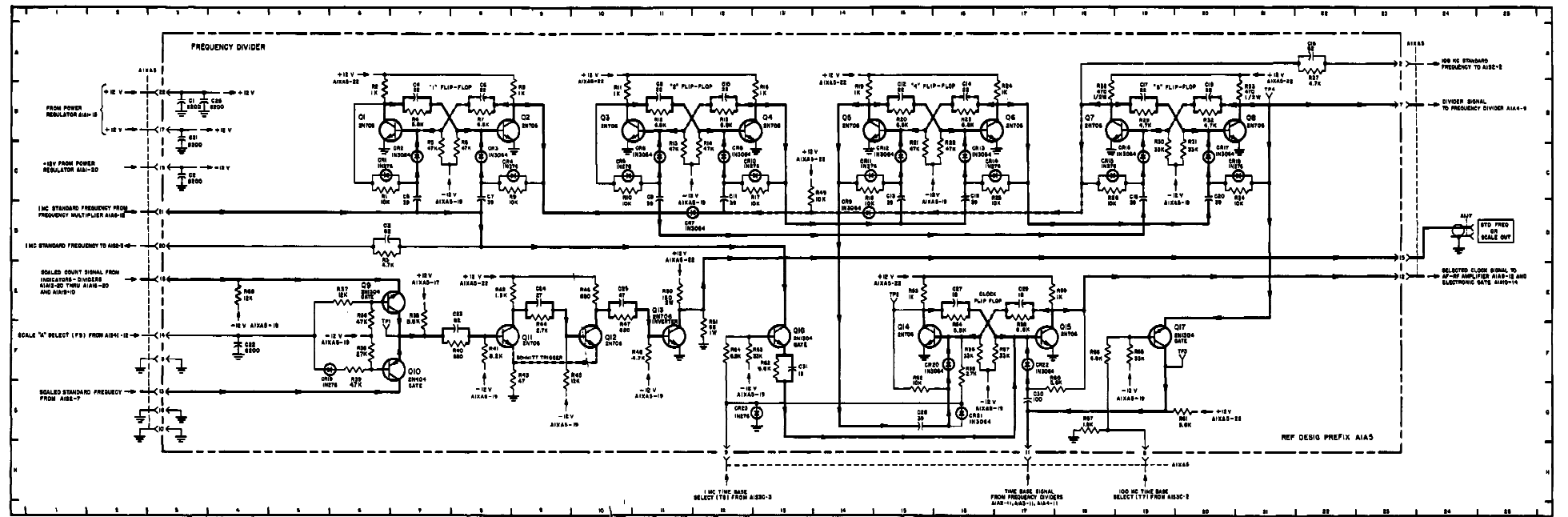


Figure 5-67. Scaler, Frequency Divider A1A5, Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	8A	C28	8B	C13	8P	R28	14B	R29	10F
C10	7A	C16	7B	C14	8P	R27	13B	R28	11G
C4	7C	C18	8B	C16	8P	R29	13C	R29	10F
C5	10A	C16	10C	C17	12P	R29	13D	R29	11F
C7	11A	C17	11D	C18	18P	R31	15C	R27	15E
C8	11C	C19	12D	C19	20P	R32	15C	R29	16D
C9	14A	C10	13C	C20	21P	R34	19B	R30	13B
C10	15A	C11	15B	C21	22P	R35	19C	R31	13D
C11	18C	C12	18D	C22	21A	R36	18B	R32	14F
C12	18C	C13	18C	C23	21A	R37	19B	R33	14G
C13	18A	C14	6C	C24	8C	R38	19B	R34	14F
C14	18A	C15	7D	C25	8B	R39	20A	R35	18F
C15	18C	C16	6C	C26	8C	R40	19C	R36	15F
C16	18C	C17	10C	C27	8B	R41	21C	R37	16E
C17	18C	C18	10D	C28	7B	R42	21D	R38	16F
C18	18C	C19	11C	C29	7C	R43	21C	R39	17D
C19	18C	C20	13D	C30	7D	R44	25C	R40	21H
C20	18C	C21	14C	C31	8A	R45	21D	R41	17E
C21	18C	C22	15C	C32	8C	R47	21E	R42	18E
C22	18C	C23	18C	C33	8C	R48	21C	R43	18F
C23	18C	C24	19C	C34	9A	R49	20E	R44	18F
C24	11B	C25	5B	C35	9C	R50	20E	R45	18G
C25	10C	C26	8D	C36	10B	R51	30	R46	18F
C26	11D	C27	9B	C37	10D	R52	6F	R47	20E
C27	14B	C28	13B	C38	11B	R53	6F	R48	19C
C28	14C	C29	13B	C39	11C	R54	7F	R49	21E
C29	14C	C30	18B	C40	11D	R55	6C	R50	22E
C30	18C	C31	17B	C41	12D	R56	7F	R51	22C
C31	18C	C32	18B	C42	11C	R57	8E	R52	21E
C32	18C	C33	21C	C43	12C	R58	7F	R53	22B
C33	18C	C34	22C	C44	13A	R59	8F	R54	22B
C34	18C	C35	20C	C45	13C	R60	8E	R55	20B
C35	18C	C36	20E	C46	14B	R61	9C	R56	20C

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, a 5%, all capacitors are specified in picofarads.
 - _____ indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Do voltages are preceded by "A" or "B".
 - Do voltages are measured with a CCUR-601 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - Assemblies A1A2, A1A3, and A1A4 are identical and are all represented by figure 5-68.
 - Source and destination of divider signal shown in tabular form.
 - Component designations as follows: A1XA3 for assembly A1A3, A1XA3 for assembly A1A3, and A1XA4 for assembly A1A4.

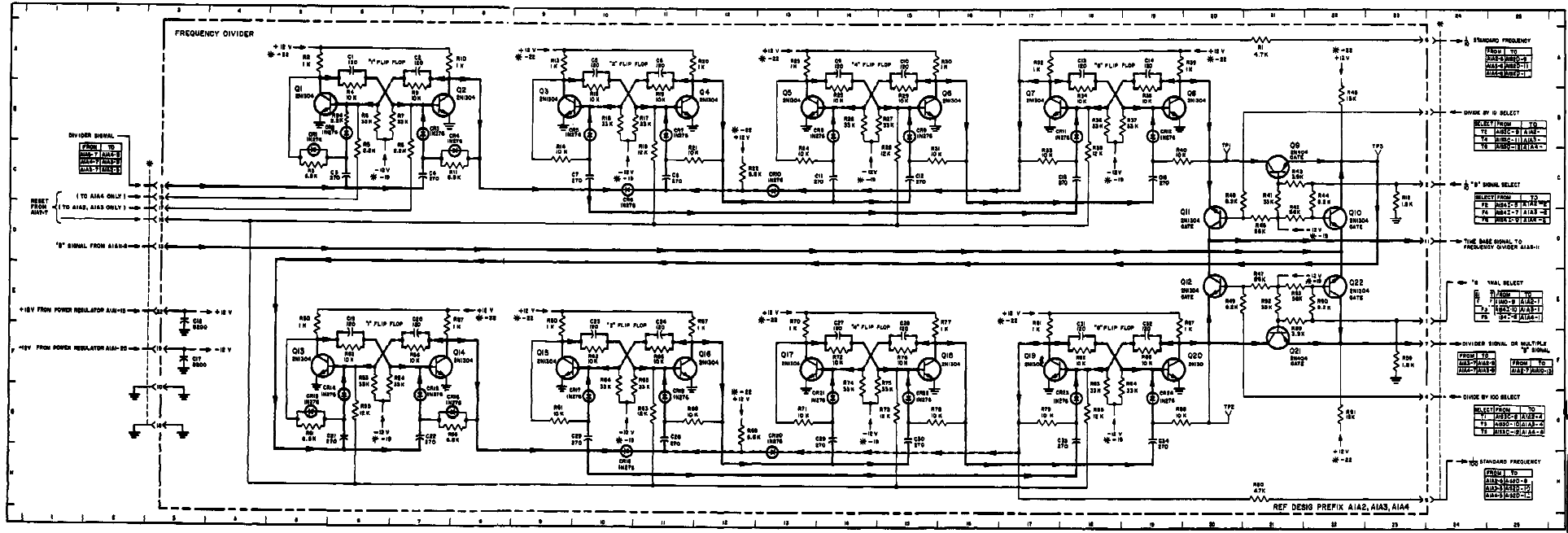


Figure 5-68. Scalar, Frequency Dividers A1A2 through A1A4, Schematic Diagram

PARTS LOCATION INDEX					
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
A1CR5	2E	CR9	4E	Q18	21D
A1XA10	3A, 3A	CR9	4D	Q19	21C
C1	3C	CR10	14B	R1	6C
C2	19C	CR11	15C	R2	10C
C3	8C	CR12	15C	R3	17F
C4	4D	CR13	8C	R4	17G
C5	14F	CR14	8C	R5	18F
C6	3D	CR15	8D	R6	19F
C7	14F	CR16	10C	R7	19G
C8	9C	CR17	10C	R8	11F
C9	18D	CR18	17C	R9	11F
C10	18D	CR19	17C	R10	4D
C11	18D	CR20	11C	R11	12F
C12	8D	CR21	15B	R12	15B
C13	3F	CR22	12B	R13	4D
C14	15B	CR23	12D	R14	14G
C15	9B	CR24	10D	R15	18G
C16	4C	CR25	10D	R16	18G
C17	3C	CR26	17C	R17	18G
C18	17B	CR27	17C	R18	18G
C19	17D	CR28	17C	R19	18G
C20	17D	CR29	17C	R20	18G
C21	10B	CR30	17C	R21	18G
C22	10D	CR31	17C	R22	18G
C23	4F	CR32	17C	R23	18G
C24	4B	CR33	17C	R24	18G
C25	4B	CR34	17C	R25	18G
C26	4B	CR35	17C	R26	18G
C27	7C	CR36	17C	R27	18G
C28	32H	CR37	17C	R28	18G
C29	32H	CR38	17C	R29	18G
C30	32H	CR39	17C	R30	18G
C31	32H	CR40	17C	R31	18G
C32	32H	CR41	17C	R32	18G
C33	32H	CR42	17C	R33	18G
C34	32H	CR43	17C	R34	18G
C35	32H	CR44	17C	R35	18G
C36	32H	CR45	17C	R36	18G
C37	32H	CR46	17C	R37	18G
C38	32H	CR47	17C	R38	18G
C39	32H	CR48	17C	R39	18G
C40	32H	CR49	17C	R40	18G
C41	32H	CR50	17C	R41	18G
C42	32H	CR51	17C	R42	18G
C43	32H	CR52	17C	R43	18G
C44	32H	CR53	17C	R44	18G
C45	32H	CR54	17C	R45	18G
C46	32H	CR55	17C	R46	18G
C47	32H	CR56	17C	R47	18G
C48	32H	CR57	17C	R48	18G
C49	32H	CR58	17C	R49	18G
C50	32H	CR59	17C	R50	18G
C51	32H	CR60	17C	R51	18G
C52	32H	CR61	17C	R52	18G
C53	32H	CR62	17C	R53	18G
C54	32H	CR63	17C	R54	18G
C55	32H	CR64	17C	R55	18G
C56	32H	CR65	17C	R56	18G
C57	32H	CR66	17C	R57	18G
C58	32H	CR67	17C	R58	18G
C59	32H	CR68	17C	R59	18G
C60	32H	CR69	17C	R60	18G
C61	32H	CR70	17C	R61	18G
C62	32H	CR71	17C	R62	18G
C63	32H	CR72	17C	R63	18G
C64	32H	CR73	17C	R64	18G
C65	32H	CR74	17C	R65	18G
C66	32H	CR75	17C	R66	18G
C67	32H	CR76	17C	R67	18G
C68	32H	CR77	17C	R68	18G
C69	32H	CR78	17C	R69	18G
C70	32H	CR79	17C	R70	18G
C71	32H	CR80	17C	R71	18G
C72	32H	CR81	17C	R72	18G
C73	32H	CR82	17C	R73	18G
C74	32H	CR83	17C	R74	18G
C75	32H	CR84	17C	R75	18G
C76	32H	CR85	17C	R76	18G
C77	32H	CR86	17C	R77	18G
C78	32H	CR87	17C	R78	18G
C79	32H	CR88	17C	R79	18G
C80	32H	CR89	17C	R80	18G
C81	32H	CR90	17C	R81	18G
C82	32H	CR91	17C	R82	18G
C83	32H	CR92	17C	R83	18G
C84	32H	CR93	17C	R84	18G
C85	32H	CR94	17C	R85	18G
C86	32H	CR95	17C	R86	18G
C87	32H	CR96	17C	R87	18G
C88	32H	CR97	17C	R88	18G
C89	32H	CR98	17C	R89	18G
C90	32H	CR99	17C	R90	18G
C91	32H	CR100	17C	R91	18G
C92	32H	CR101	17C	R92	18G
C93	32H	CR102	17C	R93	18G
C94	32H	CR103	17C	R94	18G
C95	32H	CR104	17C	R95	18G
C96	32H	CR105	17C	R96	18G
C97	32H	CR106	17C	R97	18G
C98	32H	CR107	17C	R98	18G
C99	32H	CR108	17C	R99	18G
C100	32H	CR109	17C	R100	18G

- NOTES
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, 5%, all capacitors are specified in picofarads.
 - indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Dc voltages are preceded by "V" or "V".
 - Dc voltages are measured with a CCUB-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

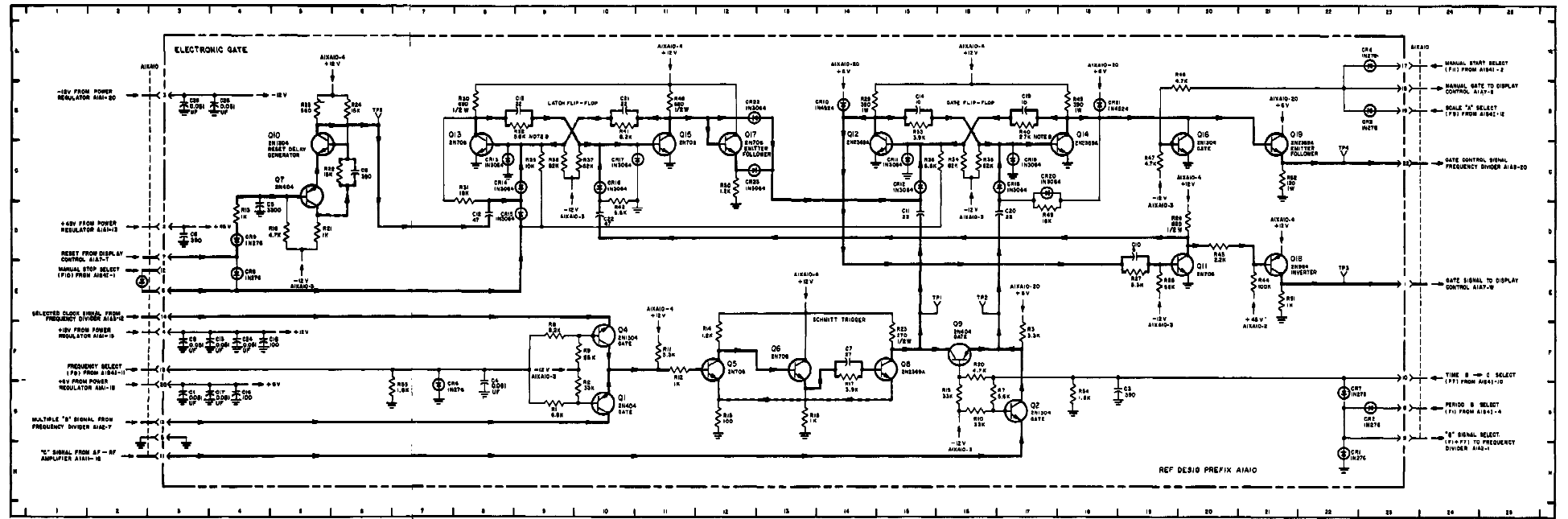


Figure 5-69. Gate Control Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
A1XA3	2A, 18A	CR1	4D	Q11	13E	R35	8H
A1P1	2H	CR2	5D	Q12	14E	R36	8E
C1	4B	CR3	7D	Q13	16E	R37	8F
C2	4C	CR4	4E	Q14	12B	R38	8E
C3	5E	CR5	4E	R1	3B	R39	8F
C4	4G	CR6	4F	R2	5B	R30	8D
C5	10B	CR7	4F	R3	8C	R31	10E
C6	3D	CR8	10B	R4	7C	R32	10F
C7	18A	CR9	10G	R5	6D	R33	10E
C8	15C	CR10	13E	R6	8D	R34	11F
C9	7C	CR11	15F	R7	8D	R35	11F
C10	8C	CR12	16G	R8	8D	R36	12D
C11	8H	CR13	17E	R9	6E	R37	12F
C12	8G	E5	9E	R10	12E	R38	12E
C13	9E	E5	9C	R11	5G	R39	12F
C14	9E	J1	2H	R12	6G	R40	14F
C15	9P	L1	3C	R13	9B	R41	14E
C16	10F	L2	18A	R14	10C	R42	15F
C17	10G	Q1	5A	R15	11B	R43	15E
C18	12E	Q3	6B	R16	11A	R44	16F
C19	15E	Q5	5C	R17	14C	R45	12A
C20	4D	Q4	7G	R18	15B	TP1	6H
C21	4D	Q5	11B	R19	15C	TP2	15E
C22	3G	Q6	14A	R20	15D	TP3	17B
C23	5G	Q7	17C	R21	10B	TP4	8A
C24	3G	Q8	8F	R22	16C		
C25	5G	Q9	11F	R23	16A		
C26	5D	Q10	12E	R24	17C		

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5% all capacitors are specified in picofarads, all inductors are specified in microhenries.
 - indicates assembly boundaries.
 - Dc voltages are preceded by "+" or "-".
 - The letters CW, placed adjacent to the appropriate terminals of A1ASR30 indicate the direction of rotation viewed from the shaft end.
 - Dc voltages are measured with a CCUB-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

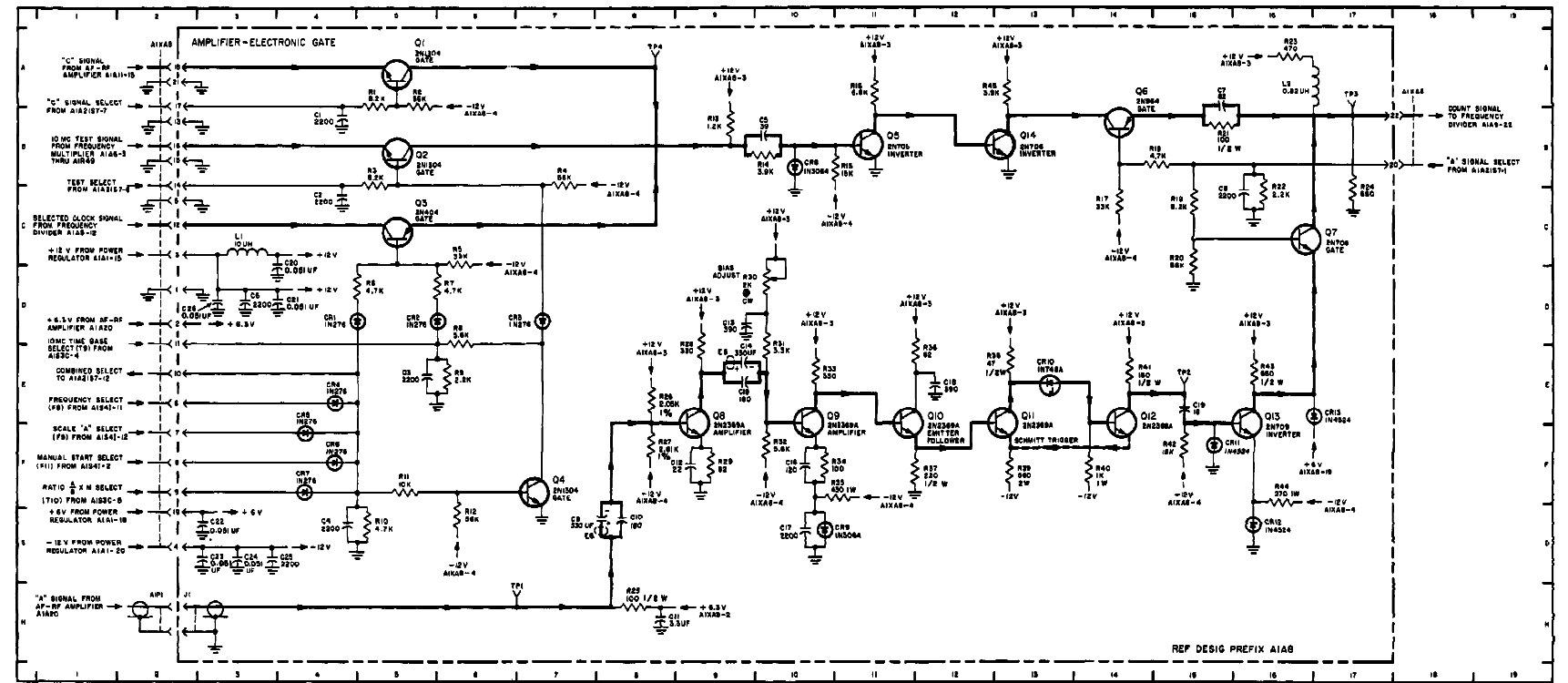


Figure 5-70. Count Control, Schematic Diagram
5-135, 5-136

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
A185B	18H	CR7	18B	R4	8D	R27	18C
A181	18H	CR9	18B	R6	8D	R28	18D
A188	20H	CR10	20B	R8	8D	R29	17C
A187	20H	CR11	20C	R7	8C	R30	17D
C3	2D, 4G	CR21	7D	R9	5D	R31	18C
C1	7C	CR22	20C	R9	5D	R32	22D
C2	8C	CR23	5C	R10	10D	R33	21D
C3	10D	Q1	8C	R11	9C	R34	21B
C4	18D	Q2	8C	R12	18C	R35	18B
C5	11C	Q3	7C	R13	11C	R36	18C
C6	17C	Q4	8C	R14	10C	R37	20B
C7	15C	Q5	11C	R15	8D	R38	23C
C8	25D	Q6	13C	R16	13C	R39	21C
C9	17D	Q7	14C	R17	18D	R40	23C
C10	23C	Q8	18C	R18	18C	R41	24D
C11	3E	Q9	18C	R19	12D	R42	11D
CR1	8D	Q10	21C	R20	11D	R50	7D
CR2	8C	Q11	20C	R21	12D	R51	20C
CR3	8D	Q12	23C	R22	16C	R52	20D
CR4	11D	Q13	24C	R23	14D	TP1	8C
CR5	18D	R1	8C	R24	14D	TP2	7E
CR6	18D	R2	8E	R25	14C	TP3	16C
CR8	21C	R3	7C	R26	16C	TP4	19C
						TP5	24E

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, a 5%, all capacitors are specified in picofarads.
 - _____ indicates assembly boundaries.
 - Names of panel controls and connectors are enclosed in boxes.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - De voltages are preceded by "a" or "b".
 - The letters CCW, placed adjacent to the appropriate terminals of A1R1, indicate the direction of rotation viewed from the shaft.
 - De voltages are measured with a CCUB-603 De Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.

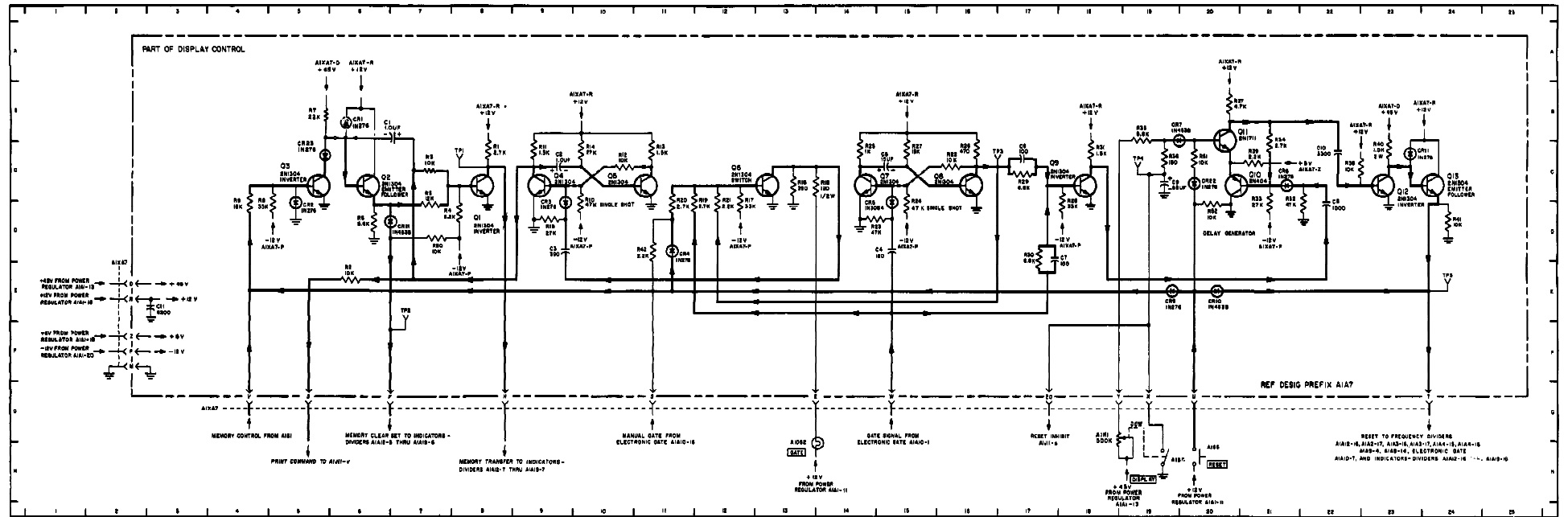


Figure 5-71: Cycle Control, Schematic Diagram

PARTS LOCATION INDEX							
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
A1XA19	2A, 2A	C53	6B	L3	11E	R12	9C
C1	2B	C54	4C	L4	12C	R13	9B
C2	4E	C55	4C	L5	14C	R14	12C
C3	5F	C56	4G	L6	18C	R15	12E
C4	7D	C57	6E	L7	18E	R16	12E
C5	8D	C58	8E	L8	20C	R17	11E
C6	9F	C59	8D	Q1	4D	R18	12C
C7	10D	C60	7E	Q2	3D	R19	11C
C8	10D	C61	9C	Q3	7E	R20	12F
C9	18C	C62	9E	Q4	7D	R21	12F
C10	11E	C63	9C	Q5	8D	R22	13D
C11	15E	C64	9C	Q6	12E	R23	14D
C12	13H	C65	10E	Q7	18D	R24	14F
C13	12E	C66	11F	Q8	14D	R25	14C
C14	18E	C67	11D	Q9	18E	R26	18F
C15	17D	C68	18D	Q10	17D	R27	15E
C16	4B	C69	18D	Q11	18D	R28	15E
C17	13E	C70	10G	Q12	20D	R29	18E
C18	13E	C71	10G	Q13	20D	R30	18E
C19	5G	C72	10G	Q14	20D	R31	20C
C20	4B	C73	14D	R1	4E	R32	20C
C21	18D	C74	15D	R2	3D	R33	20C
C22	21C	C75	15D	R3	3D	R34	21C
C23	18D	C76	15D	R4	3D	R35	20C
C24	5B	C77	19D	R5	6F	R36	12E
C25	5B	C78	19D	R6	6E	R37	12C
C26	4G	C79	20D	R7	7E	R38	12C
C27	4G	C80	21D	R8	8C	TP2	25C
C28	3C	C81	22D	R9	9E	TP3	2D
C29	3C	C82	22D	R10	9E	TP4	6D
C30	3C	C83	22D	R11	9E	TP5	10D
C31	4G	C84	22D	R12	9E		

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads, all inductors are specified in microhenries.
 - _____ indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Do voltages are preceded by "+" or "-".
 - The letters CW, placed adjacent to the appropriate terminals of ALAR11, indicate the direction of rotation viewed from the shaft end.
 - Do voltages are measured with a CCUR-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - L21 is replaced with a jumper in counters with serial No's A40 and up.
 - A1C44 is only used on counters with serial No's B399 and up, C191 and up, D1 and up.

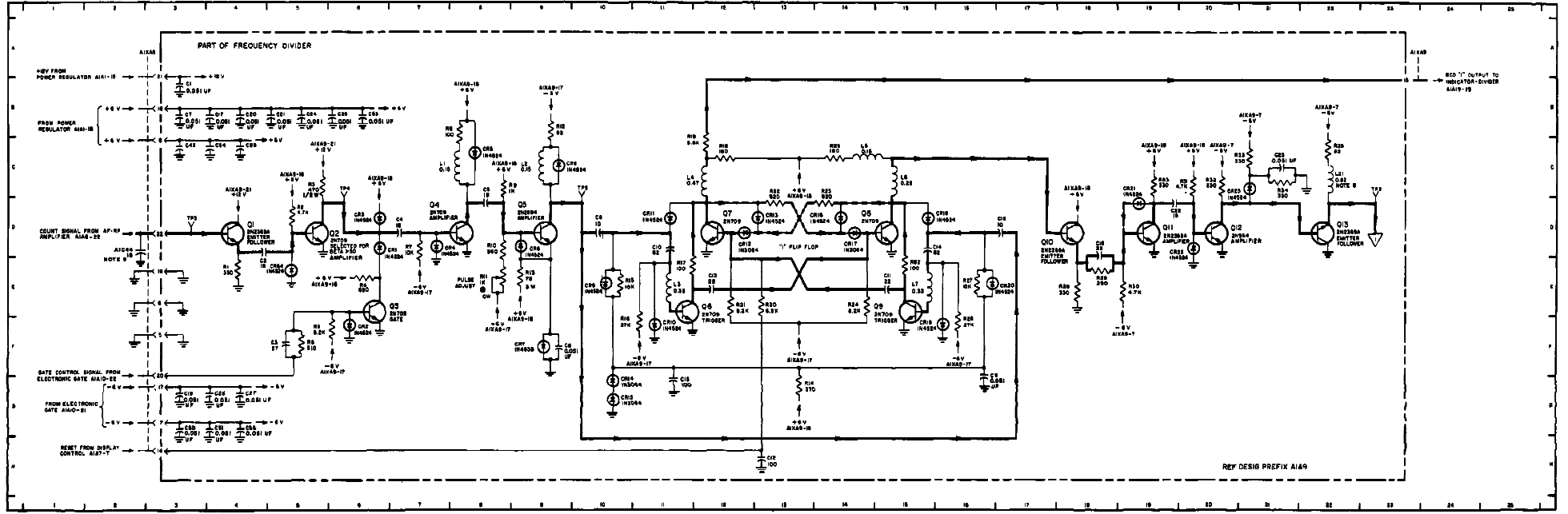


Figure 5-72. Count Decades, Frequency Divider
A1A9, Schematic Diagram (Sheet 1 of 2)
5-139, 5-140

PARTS LOCATION INDEX							
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
AIK43	8A	CR36	9E	L48	19C	R54	18C
CR28	3D	CR37	10D	L19	21C	R55	14E
CR29	9G	CR38	10E	L20	22E	R56	13D
CR30	4D	CR39	11F	Q14	23F	R57	13D
CR31	7E	CR40	11D	Q15	24E	R58	13E
CR32	1E	CR41	12D	Q16	25E	R59	13E
CR33	8D	CR42	12D	Q17	26E	R60	14C
CR34	14D	CR43	13D	Q18	27E	R61	14B
CR35	9D	CR44	14D	Q19	12D	R62	15E
CR36	10D	CR45	15D	Q20	14D	R63	16F
CR37	14D	CR46	15F	Q21	14E	R64	15C
CR38	11E	CR47	16E	Q22	19E	R65	15G
CR39	14E	CR48	16D	Q23	19D	R66	20G
CR40	12E	CR49	16D	Q24	21D	R67	17E
CR41	12D	CR50	17E	Q25	21E	R68	17F
CR42	14D	CR51	17D	Q26	22E	R69	18E
CR43	17D	CR52	18F	Q27	22E	R70	19C
CR44	18D	CR53	18D	Q28	23F	R71	19F
CR45	18D	CR54	19D	Q29	24E	R72	20D
CR46	19E	CR55	19D	Q30	24E	R73	20D
CR47	21E	CR56	21D	R81	2E	R74	20F
CR48	19E	CR57	20D	R40	8C	R75	21F
CR49	22D	CR58	22D	R43	8D	R76	21C
CR50	22D	CR59	22F	R45	8D	R77	22B
CR51	2D	CR60	23F	R44	8D	R78	22B
CR52	3E	CR61	23F	R46	7D	R79	22E
CR53	4F	L10	8C	R47	7C	R80	22F
CR54	4D	L11	7C	R47	8E	R81	23C
CR55	8D	L12	8E	R48	8E	R82	23C
CR56	8D	L13	11E	R49	8F	R83	23G
CR57	8D	L14	12C	R50	9E	R84	10G
CR58	17D	L15	14C	R51	10E	R85	17G
CR59	8D	L16	10E	R52	10F	R86	24D
CR60	8F	L17	19E	R43	11E	TP1	24D

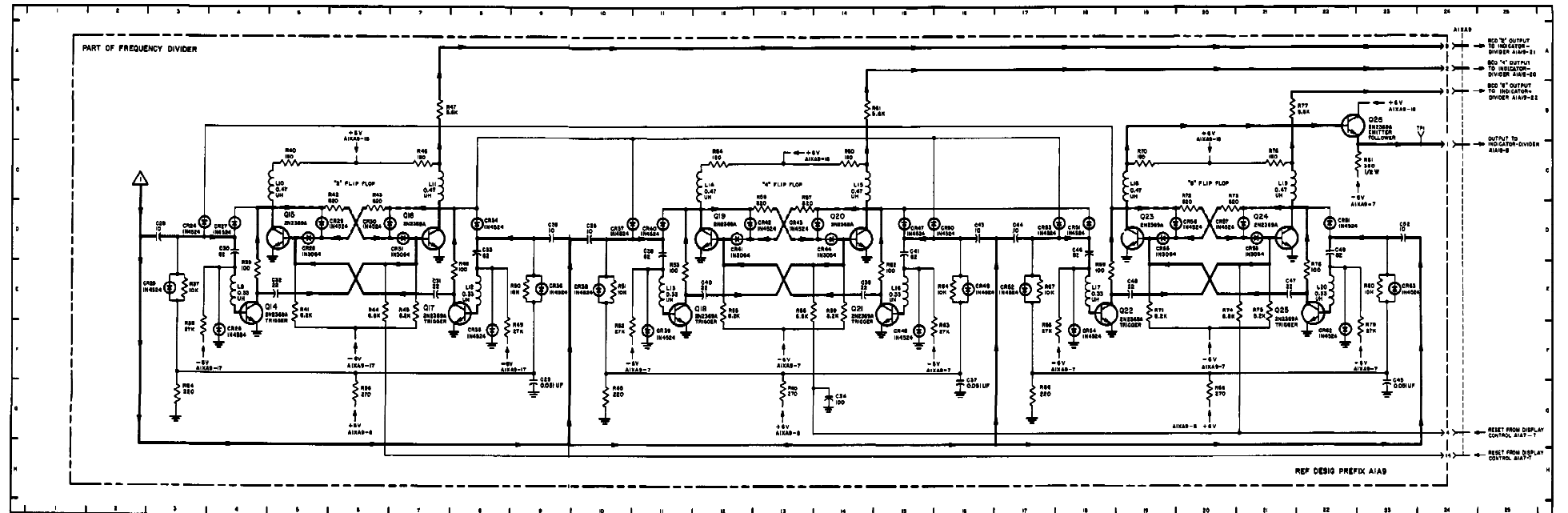


Figure 5-72. Count Decades, Frequency Divider AIAB, Schematic Diagram (Sheet 2 of 2)

PARTS LOCATION INDEX			
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
AI1A19	8C, 8B	R60	7D
C1	8D	R61	18C
C2	4C	R62	9E
C3	9D	R64	10D
C4	11C	R65	11E
C5	4C	R66	11E
C6	4C	R67	13E
CN17	8D	R68	14E
CN18	10E	R69	15D
CN19	4D	R70	14D
Q10	7D	R81	14E
Q11	7D	R82	17E
Q12	10D	R83	17E
Q13	18D	R84	18D
Q14	14D	R85	18D
Q15	18D	R86	17D
Q16	17D	R87	16E
Q17	18D	R88	20E
Q18	20D	R89	20E
Q19	21D	R90	18D
Q20	23D	R91	20D
R38	25F	R92	22E
R39	20F	R93	23E
R40	17F	R94	23E
R41	9E	R95	22D
R42	18F	R96	23D
R44	4D	TP1	8D
R45	11F	TP2	21C
R46	1E	TP3	18C
R47	6E	TP4	18C
R48	7E	TP5	24C
R49	8C		

NOTES

1. Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads.
2. --- indicates assembly boundaries.
3. Primary signal paths weighted.
4. Dc voltages are preceded by "+" or "-".
5. Dc voltages are measured with a CCVS-901 Dc Differential Voltmeter.
6. Parts location information is given in map-type coordinates in accompanying table.

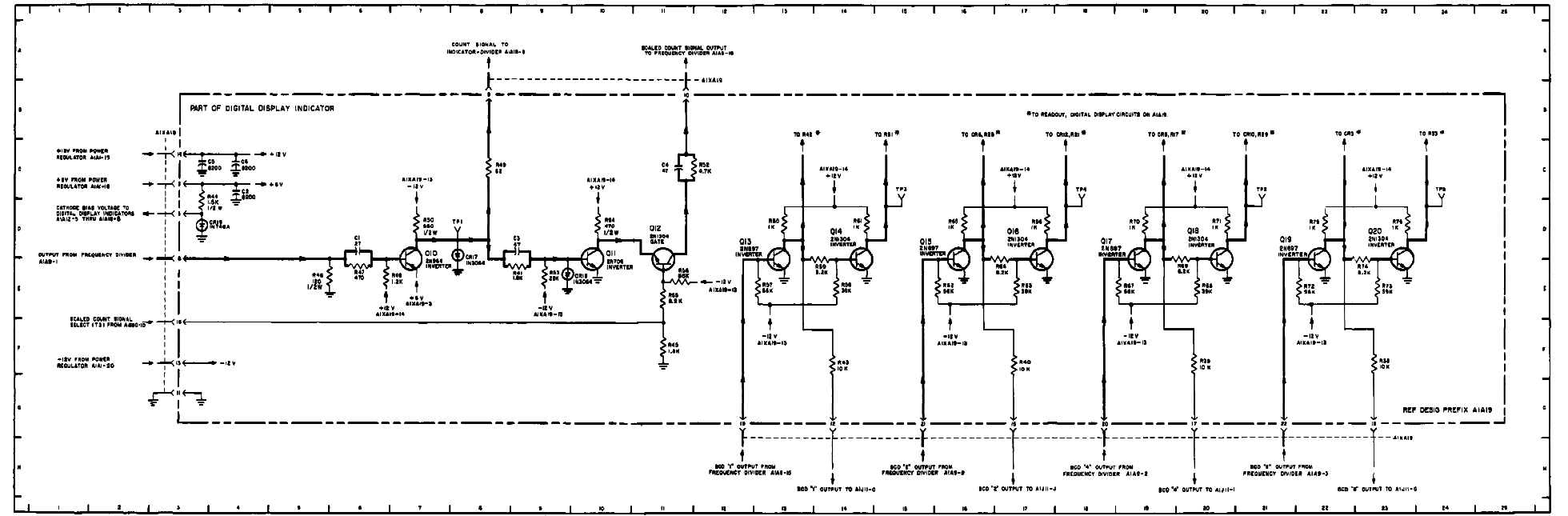


Figure 5-73. Count Decades, Inverter Circuits on AI1A19, Schematic Diagram

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	8D	CR23	8E	Q13	14D	R81	12E
C2	7D	CR24	10E	Q14	14D	R82	13E
C3	7E	CR25	8E	Q17	20D	R83	13E
C4	8E	CR26	11E	Q18	22F	R84	13D
C5	10E	CR27	11E	R28	8D	R85	14D
C6	10D	CR28	10E	R29	17C	R86	12E
C7	11D	CR29	10E	R40	13C	R87	13E
C8	11E	CR30	12E	R41	4D	R88	18E
C9	14E	CR31	13E	R42	8D	R89	18D
C10	14D	CR32	14E	R44	8E	R90	18D
C11	18D	CR33	14D	R45	8D	R91	18E
C12	18E	CR34	14D	R46	8E	R92	18E
C13	18E	CR35	18E	R47	8E	R93	18D
C14	18D	CR36	10E	R48	8E	R94	22F
C15	20D	CR37	18E	R49	1D	R95	22F
C16	20E	CR38	18E	R50	8D	R96	18D
C17	22	CR39	18D	R53	1E	R97	18E
C18	27	CR40	20D	R53	2E	R98	10E
C19	28E	CR41	30E	R54	9D	R99	20E
CR19	8E	CR42	31E	R55	10D	R90	20D
CR18	8E	Q10	8D	R58	10E	R81	21D
CR19	8E	Q11	8D	R57	11D	R59	22F
CR20	7E	Q12	8D	R58	11E	R63	21E
CR21	7E	Q13	12D	R59	11D	TP1	22C
CR22	8E	Q14	11D	R60	12D	TP2	2E

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads.
 - indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Dc voltages are preceded by "dc" or "V".
 - Dc voltages are measured with a CCUR-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - Counter portions of assemblies A1A17 and A1A18 are identical and are represented by figure 5-74.
 - Source and destination of counter signal shown in tabular form.
 - Component designations as follows: A1XA17 for assembly A1A17 and A1XA18 for assembly A1A18.

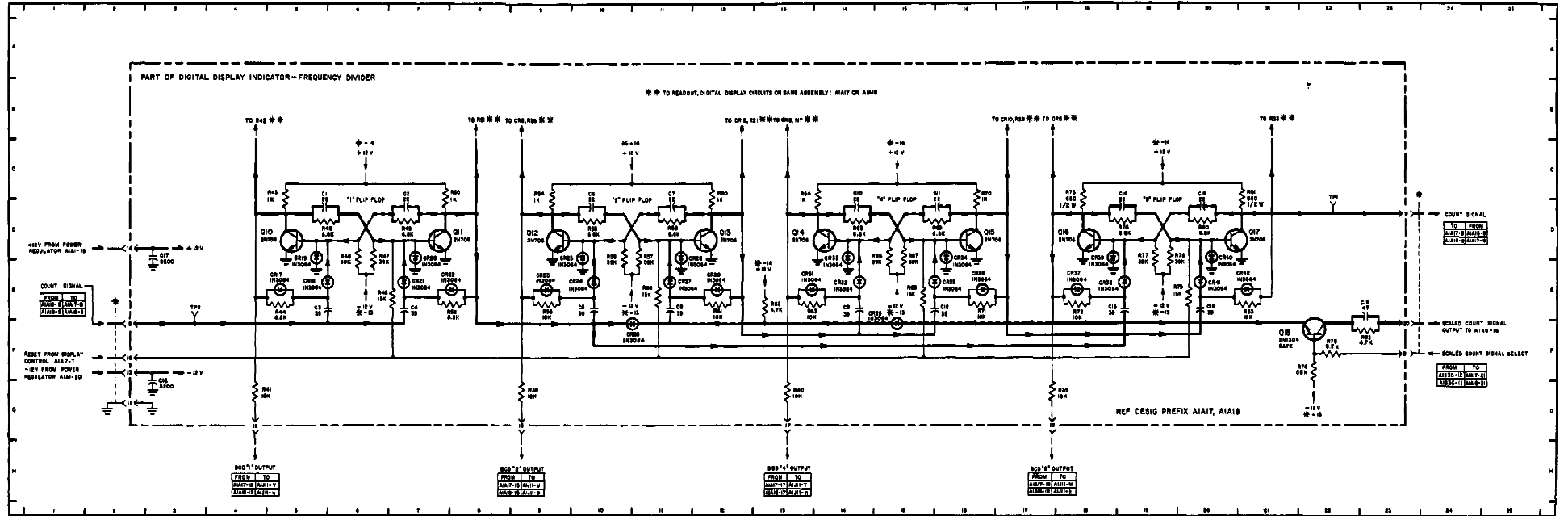


Figure 5-74. Function Switch, Wafer I, Time Base Switch, Wafer C, and Standard Frequency Output Switch, Schematic Diagram

PARTS LOCATION INDEX					
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	4D	CR41	30E	R58	11E
C2	7D	Q10	8D	R59	11D
C3	6E	R11	8D	R60	12D
C4	7E	Q18	8D	R61	12E
C5	18E	Q13	12D	R62	13E
C6	10D	Q14	12D	R63	13E
C7	11D	Q18	16D	R64	14D
C8	11E	Q16	18D	R65	14D
C9	14E	Q17	20D	R66	15E
C10	14D	Q18	22E	R67	15E
C11	15D	R19	9U	R68	15E
C12	18E	R39	18C	R69	16D
C13	18E	R10	18C	R70	16D
C14	18E	R41	4C	R71	16E
C15	20D	R63	8D	R72	16E
C16	20E	R44	3E	R73	16E
C17	3E	R45	8D	R74	22F
C18	3F	R46	8E	R75	22F
C19	32E	R47	8E	R76	19D
CR16	3E	R48	8E	R77	19E
CR21	7E	R49	7D	R78	19E
CR24	10E	R50	8D	R79	19E
CR27	11E	R52	7E	R80	20D
CR28	10E	R53	8E	R81	20D
CR29	10E	R54	8D	R82	22F
CR32	14E	R55	10D	R83	21E
CR33	12E	R56	10E	R84	28D
CR36	12E	R57	11E	R85	2E

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, a 5% tolerance, all capacitors are specified in picofarads.
 - indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Dc voltages are preceded by "+" or "-".
 - De voltages are measured with a COUM-801 Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - Counter portions of assemblies A1A12 through A1A18 are identical and are represented by figure 5-76.
 - Source and destination of counter signal shown in tabular form.
 - Connector designations as follows: A1XA12 for A1A12, A1XA13 for A1A13, A1XA14 for A1A14, A1XA15 for A1A15, A1XA16 for A1A16.

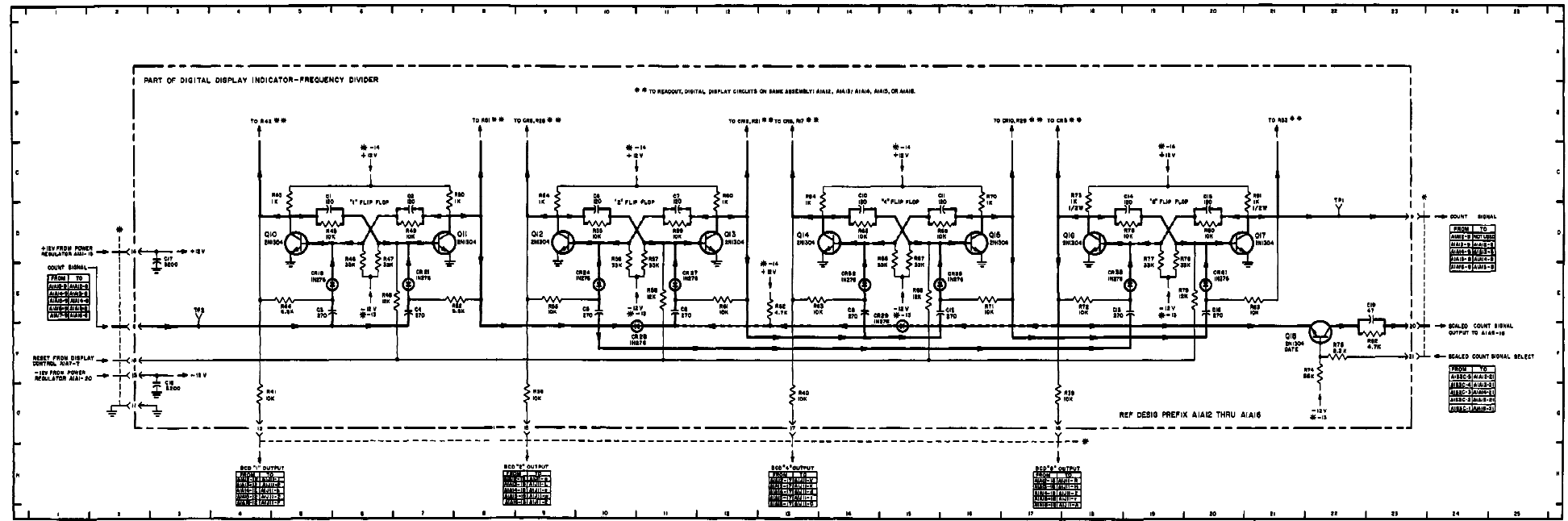


Figure 5-75. Count Decades, Frequency Divider Circuits on A1A12 through A1A16, Schematic Diagram

NOTE

1. Name of panel connector is enclosed in box.

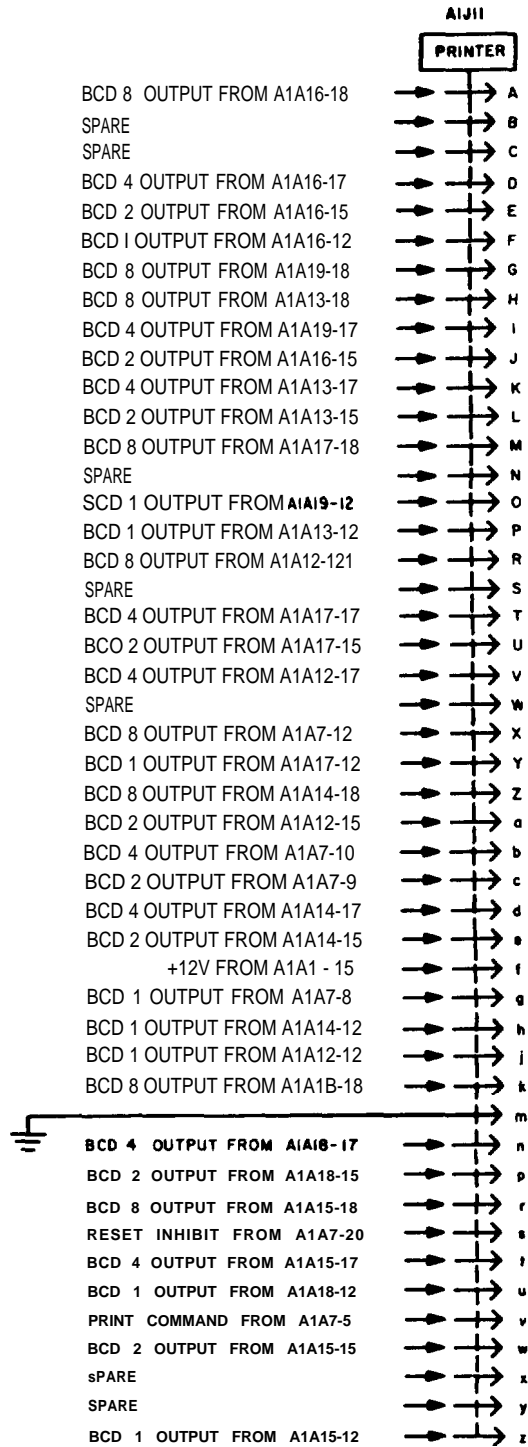


Figure 5-76. Count Decades, Printer Connector, Schematic Diagram

PARTS LOCATION INDEX					
REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
CR1	8D	Q5	12D	R19	11D
CR2	7D	Q6	14D	Q6	12D
CR3	8E	Q7	16D	R21	12F
CR4	7E	Q8	19D	R22	12E
CR5	9E	Q9	20D	R23	14D
CR6	11F	R1	9B	R24	13D
CR7	10E	R3	8B	R25	14F
CR8	13F	R2	7B	R26	15B
CR9	13E	R4	4B	R27	16D
CR10	15F	R5	5C	R28	17D
CR11	16E	R6	6C	R29	18F
CR12	17F	R7	3D	R30	18E
CR13	17E	R8	3D	R31	18D
CR14	18E	R9	7D	R32	18D
CR15	18F	R10	8D	R33	19F
CR16	7F	R11	8D	R34	20E
Q1	18B	R12	7D	R35	20D
Q2	8C	R13	6E	R36	21D
Q3	8E	R14	7E	R37	20D
Q4	8E	R15	10F	R42	3F
		R16	11E	R51	7F

- NOTES**
- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%, all capacitors are specified in picofarads.
 - indicates assembly boundaries.
 - Primary signal paths weighted. Feedback paths weighted and dashed.
 - Dc voltages are preceded by "dc".
 - Dc voltages are measured with a CCUR-80J Dc Differential Voltmeter.
 - Parts location information is given in map-type coordinates in accompanying table.
 - Readout portion of assemblies A1A12 through A1A19 are identical and are represented by figure 5-77.
 - Connector designations as follows: A1XA12 for A1A12, A1XA13 for A1A13, A1XA14 for A1A14, A1XA15 for A1A15, A1XA16 for A1A16, A1XA17 for A1A17, A1XA18 for A1A18, and A1XA19 for A1A19.
 - ⚡ Signifies dangerously high voltages exist. Keep clear! Use extreme care when measuring.

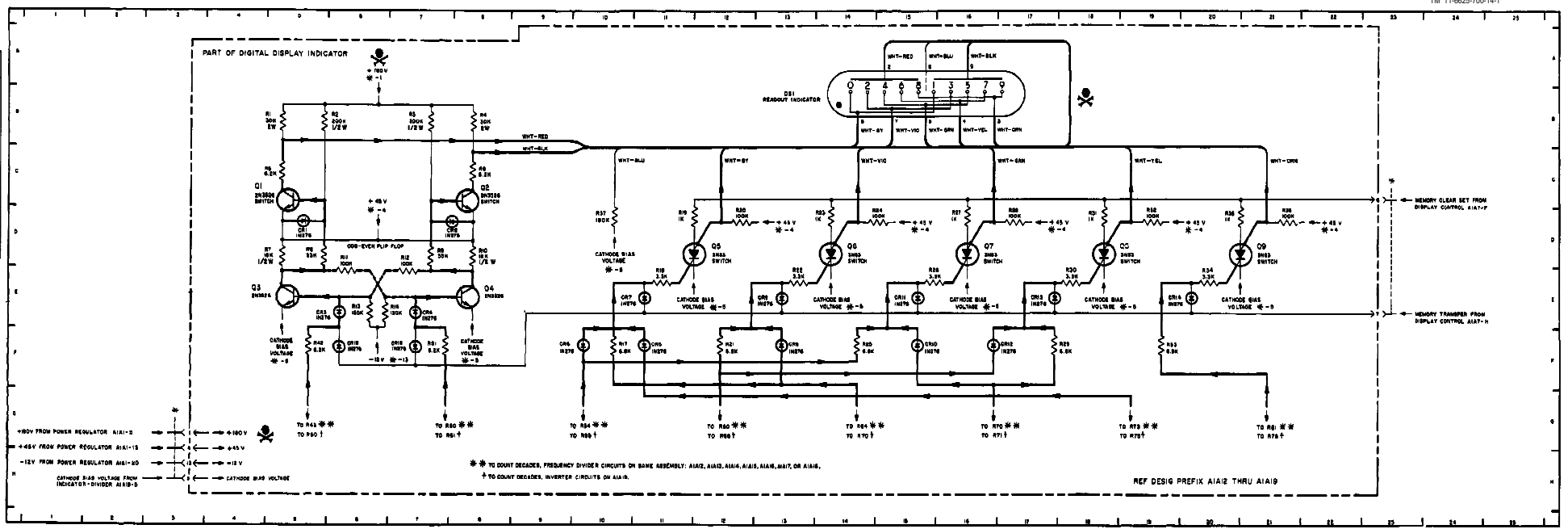


Figure 5-77. Readout, Digital Display Circuits, Schematic Diagram

NOTES

1. Component values are expressed in ohms, 1/4 watt, a 5%.
2. Names of panel controls and connectors are enclosed in boxes.
3. Dc voltages are preceded by "dc" or "V".
4. Dc voltages are measured with the AN/USM-66 Voltmeter.
5. A183 shown in 10 position viewed from control knob end.
6. A184 shown in 1 position viewed from control knob end.
7. Switch positions shown in figure 5-81.
8. Signifies dangerously high voltage exist. Keep clear! Use extreme care when measuring.

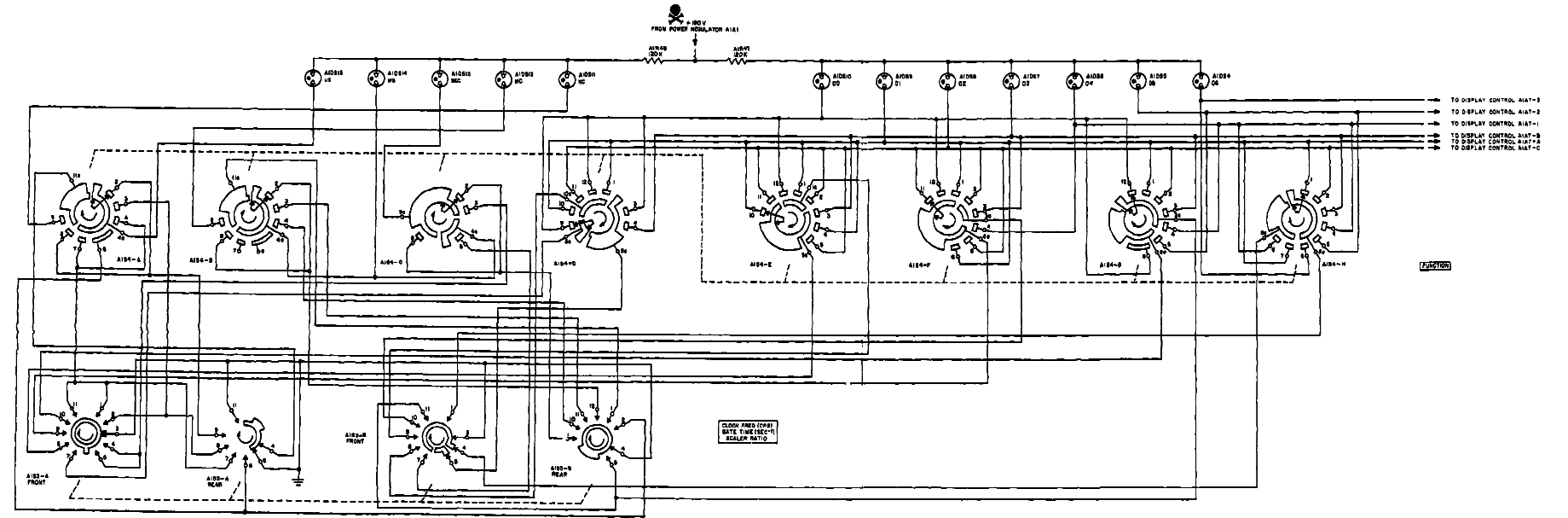


Figure 5-78. Readout, Annunciator Circuits, Schematic Diagram

NOTES

1. Unless otherwise noted all resistors are specified in ohms, 1/4 watt, $\pm 5\%$ all capacitors are specified in picofarads.
2. — . - _ indicates etched circuit boundaries.
3. Dc voltages are preceded by “+” or “-”.
4. Dc voltages are measured with a CCUH-801 Dc Differential Voltmeter

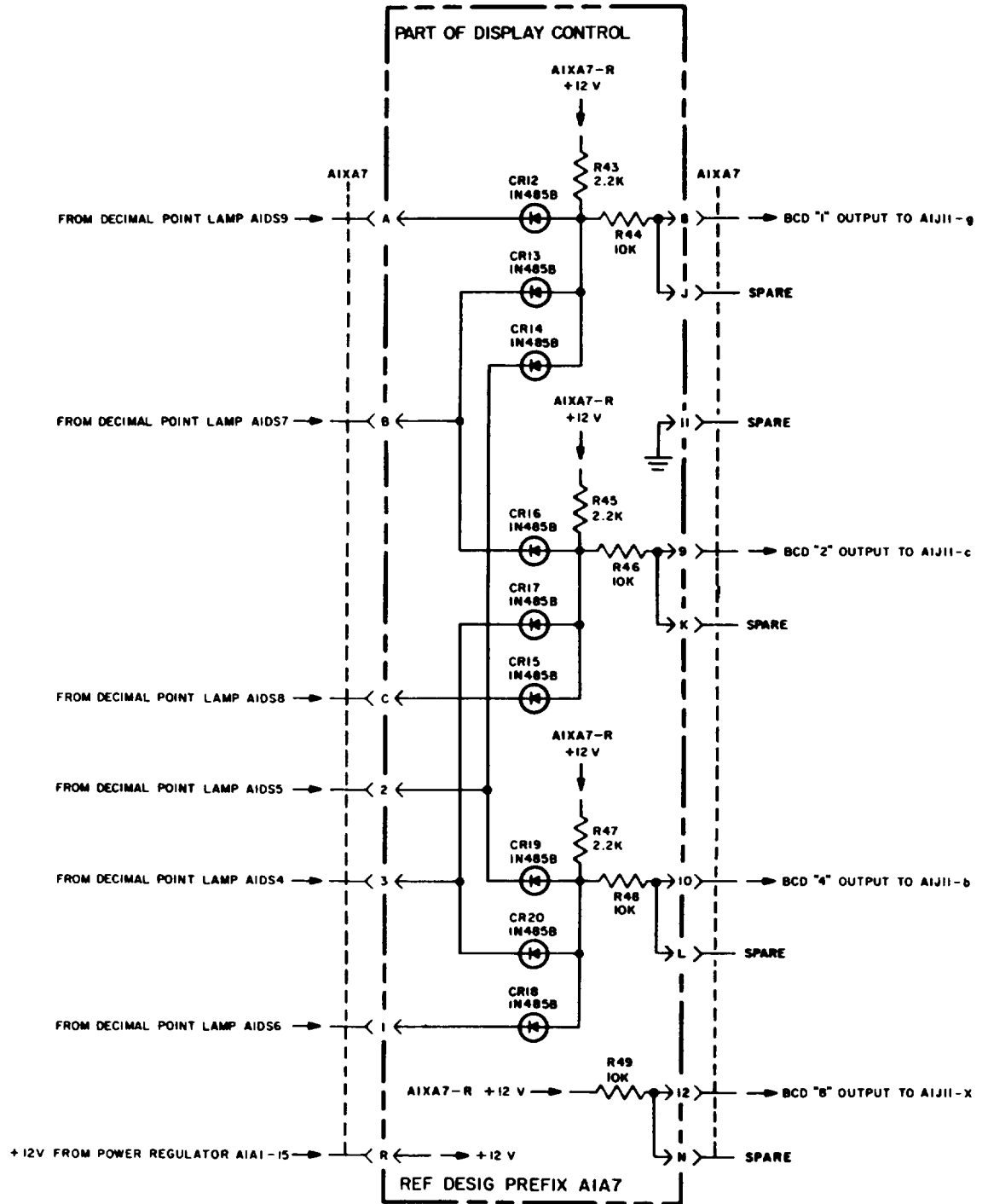


Figure 5-79. Readout, Decimal Point Coding, Schematic



NOTE
ref desig prefix A1A1 except as specified.

PARTS LOCATION INDEX

REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION	REF. DESIG.	DRAWING LOCATION
C1	18C	R4	19C	R4	20C
C2 (NOTE 1)	11E	R5	10E	R5	20D
C3	13E	R6	12E	R6	20E
C4	15E	R7	14D	R7	21E
C5	14G	R8	15P	NOTE The following use ref desig PREFIX A1	
C7	18F	R9	18P		
CR1	11A	R10	14F	S1	5D
CR2	11B	R11	14P	S2	5E
CR3	10B	R12	18Q	S3	16A
CR4	10B	R14	18E	C1	18B
CR5	11C	R16	18C	C2	7F
CR6	10C	R17	19Q	C3	16P
CR7	10C	R18	19Q	C4	7D
CR8	11E	R19	19Q	C5	10E
CR9	14E	R20	19Q	C6	10Q
CR10	14G	R21	19P	C7	1D
CR11	14G	R22 (NOTE 12)	19P	C8	1E
CR12	15G	R23 (NOTE 11)	11E	C9	7E
CR13	15G	R24	11A	C10	7C
CR14	16E	R25	17F	C11	3D
CR15	16E	R26	17F	C12	3E
CR16	16E	R27	17F	C13	1D
CR17	16E	R28	17F	C14	1D
CR18	16E	R29	17F	C15	7E
CR19	16E	R30	17F	C16	2F
CR20	16E	R31	20Q	C17	2A
CR21	16E	R32	20Q		

NOTES

- Unless otherwise noted all resistors are specified in ohms, 1/4 watt, ± 5%. All capacitors are specified in picofarads.
- indicates assembly boundaries.
- Names of panel controls and connectors are enclosed in boxes.
- Primary signal paths weighted. Feedback paths weighted and dashed.
- Do voltages are preceded by "A" or "V". Ac signal and ripple voltages are followed by VAC and are peak-to-peak maximum.
- The letters CW, placed adjacent to the appropriate terminals of A1A1RS indicate the direction of rotation viewed from the shaft end.
- Ac signal and ripple voltages are measured with an AH/UM-140B Oscilloscope.
- Do voltages are measured with a CCUR-851 Dc Differential Voltmeter.
- Parts location information is given in map-type coordinates in accompanying table.
- ⚠** Slight as dangerously high voltages exist. Keep clear! Use extreme care when measuring.
- On serial No. A287, A288, A413, A418, A488, A489, A490, A492, A496, A500, A533, A534, A535, A536, B23, B27, B74, B202, B244, B211, B245, B246 and up, C161 and up, D151 and up; A1R50 is supplied; A1A1C3 is replaced with a 100K resistor A1A1R23.
- On serial No. A287, A288, A413, A418, A488, A489, A490, A492, A496, A497, A500, A533, A534, A535, A536, B23, B27, B74, B202, B244, B211, and B245; A1A1R23 is replaced with an open circuit.

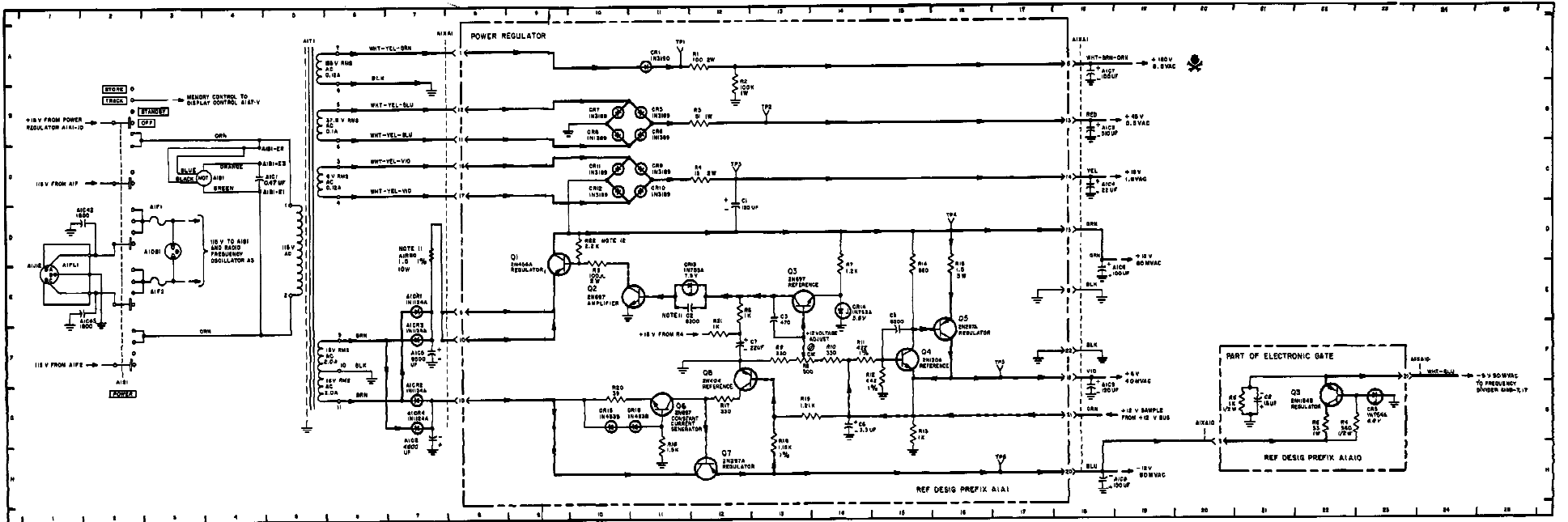
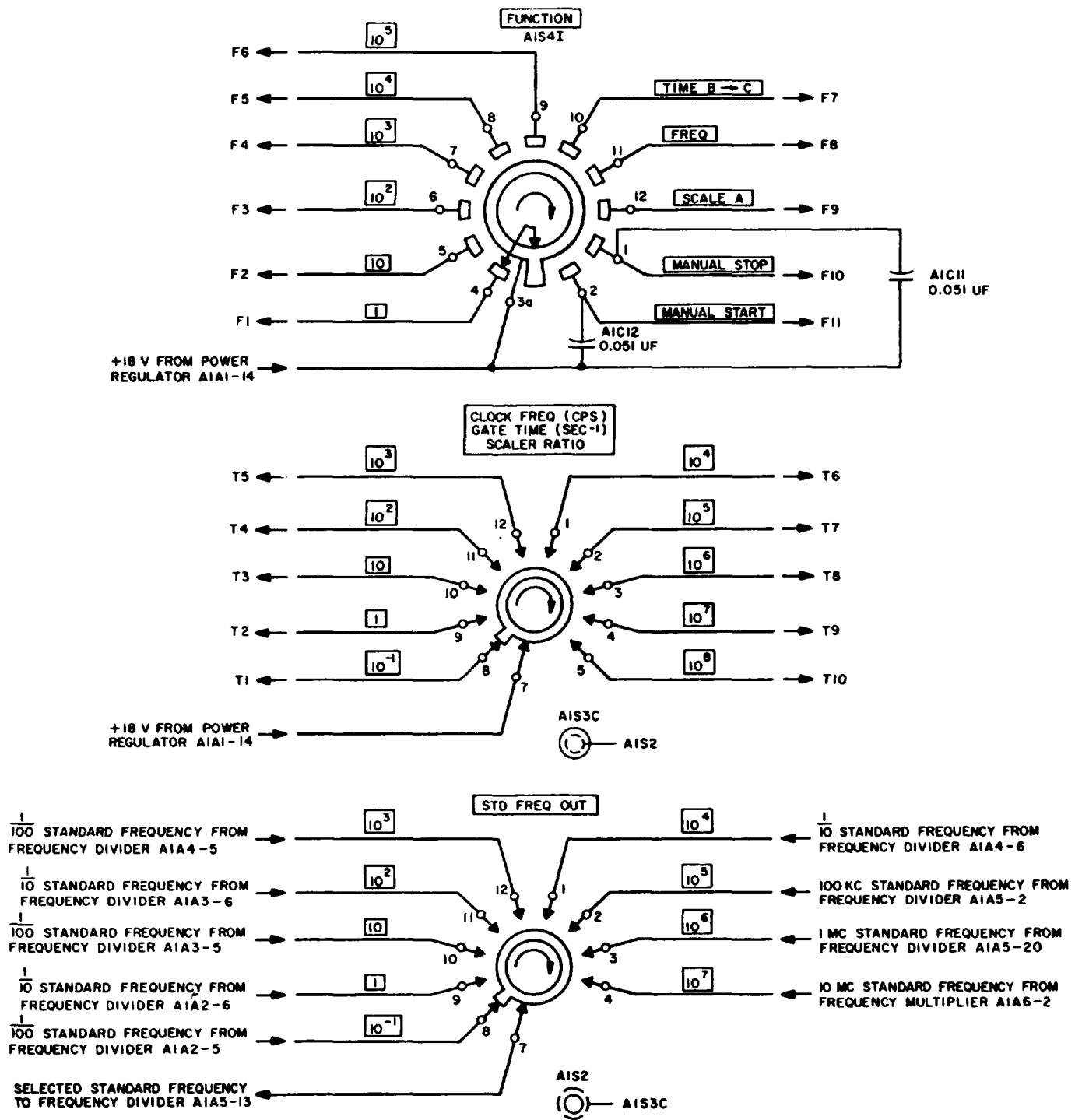


Figure 5-80. Power Supply Schematic Diagram



NOTES

- Names of panel controls and connectors are enclosed in boxes.
- AIS2 shown in 10¹ position viewed from control knob end.
- AIS3 shown in 10¹ position viewed from control knob end.
- AIS4 shown in 1 position viewed from control knob end.

Figure 5-81. Function Switch, Wafer I; Time Base Switch, Wafer C; and Standard Frequency Output Switch, Schematic Diagram

APPENDIX A REFERENCES

Following is a list of references that are available to the **organizational, DS, GS, and depot maintenance technician of Digital Readout Electronic Counter AN/USM-207A.**

- DA Pam 310-4 Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8, and 9), Supply Bulletins, and Lubrication Orders.
- DA Pam 310-7 US Army Index of Modification Work Orders.
- TB 43-0118 Field Instructions for Painting and Preserving Electronics Command Equipment: Including Camouflage Pattern Painting of Electrical Equipment Shelters.
- TM 11-6625-261-12 Operator's and Organizational Maintenance Manual: Audio Oscillators TS-382A/U, TS-382BKJ, TS-382D/U, TS-382E/U, and TS-382F/U.
- TM 11-6625-261-20P Organizational Maintenance Repair Parts and Special Tool Lists: Audio Oscillators TS-382A/U, TS-382B/U, TS-382D/U, TS-382E/U, and TS-382F/U.
- TM 11-6625-261-35 Direct Support, General Support and Depot Maintenance Manual: Audio Oscillators TS-382A/U, TS-382B/U, TS-382D/U, TS-382E/U, and TS-382F/U.
- TM 11-6625-261-35P Field and Depot Maintenance Repair Parts and Special Tool Lists: Audio Oscillator TS-382A, B, D, E, F/U.
- TM 11-6625-508-10 Operator's Manual: Signal Generators AN/USM-44 and AN/USM-44A.
- TM 11-6625-508-25 Organizational, Field, and Depot Maintenance Manual: Signal Generators AN/USM-44 and AN/USM-44A.
- TM 11-6625-508-24P Organizational, Direct support, and General Support Maintenance Repair Parts and Special Tool Lists (Including Depot Maintenance Repair Parts and special Tools): Generators Signal AN/USM-44 (FSN 6625-669-4031) and AN/USM-44A (FSN 6625-669-4031).
- TM 11-6625-535-15-1 Organizational, Direct Support, General Support, and Depot Maintenance Including Repair Parts and Special Tools List: Oscilloscope AN/USM-140B, AN/USM-140C, AN/USM-14A, and AN/USM-141 B.
- TM 11-6625-542-15 Operator, Organizational, Field, and Depot Maintenance Manual: Electronic Marker Generator AN/USM-108.
- TM 11-6625-542-50P Depot Maintenance Repair Parts and Special Tool Lists: Generator, Electronic Marker AN/USM-108.
- TM 11-6625-599-12 Operator's and Organizational Manual Including Repair Parts and Special Tools List: voltmeters, Electronic ANN/USM-98A and AN/USM-98B.
- TM 11-6625-599-45 GS and Depot Maintenance Manual Including Repair Parts and Special Tools List: Voltmeters, Electronic AN/USM-98A and AN/USM-98B.
- TM 11-6625-1703-15 Operator, Organizational, DS, GS, and Depot Maintenance Manual Including Repair Parts and Special Tool Lists: Oscilloscope AN/USM-281A.
- TM 38-750 The Army Maintenance Management System (TAMMS).
- TM 740-90-1 Administrative Storage of Equipment.
- TM 750-244-2 Procedure for Destruction of Electronics Materiel to Prevent Enemy Use (Electronics Command).

APPENDIX B

MAINTENANCE ALLOCATION

Section I. INTRODUCTION

B-1. General

This appendix provides a summary of the maintenance operations covered in the equipment literature for AN/USM-207A. It authorizes categories of maintenance for specific maintenance functions on repairable items and components and the tools and equipment required to perform each function. This appendix may be used as an aid in planning maintenance operations.

B-2. Maintenance Functions

Maintenance functions will be limited to and defined as follows:

- a. Inspect.* To determine serviceability of an item by comparing its physical, mechanical, and electrical characteristics with established standards.
- b. Test.* To verify serviceability and to detect incipient electrical or mechanical failure by use of special equipment such as gages, meters, etc. This is accomplished with external test equipment and does not include operation of the equipment and operator type tests using internal meters or indicating devices.
- c. Service.* To clean, to preserve, to charge, and to add fuel, lubricants, cooling agents, and air. If it is desired that elements, such as painting and lubricating, be defined separately, they may be so listed.
- d. Adjust.* To rectify to the extent necessary to bring into proper operating range.
- e. Align.* To adjust two or more components or assemblies of an electrical or mechanical system so that their functions are properly synchronized. This does not include setting the frequency control knob of radio receivers or transmitters to the desired frequency.
- f. Calibrate.* To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparison of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared with the certified standard.
- g. Install.* To set up for use in an operational environment such as an encampment, site, or vehicle.
- h. Replace.* To replace unserviceable items with serviceable like items.
- i. Repair.* To restore an item to serviceable condition through correction of a specific failure or unserviceable condition. This function includes, but is not limited to welding, grinding, riveting, straightening, and replacement of parts other than the trial and error replacement of running spare type items such as fuses, lamps, or electron tubes.
- j. Overhaul.* Normally, the highest degree of maintenance performed by the Army in order to minimize time work is process consistent with quality and economy of operation. It consists of that maintenance necessary to restore an item to completely serviceable condition as prescribed by maintenance standards in technical publications for each item of equipment. Overhaul normally does not return an item to like new, zero mileage, or zero hour condition.
- k. Rebuild.* The highest degree of materiel maintenance. It consists of restoring equipment as nearly as possible to new condition in accordance with original manufacturing standards. Rebuild is performed only when required by operational considerations or other paramount factors and then only at the depot maintenance category. Rebuild reduces to zero the hours or miles the equipment, or component thereof, has been in use.
- l. Symbols.* The uppercase letter placed in the appropriate column indicates the lowest level at which that particular maintenance function is to be performed.

B-3. Explanation of Format

a. Column 1, Group Number. Column 1 lists group numbers, the purpose of which is to identify components, assemblies, subassemblies, and modules with the next higher assembly.

b. Column 2, Functional Group. Column 2 lists the noun names of components, assemblies, subassemblies, and modules on which maintenance is authorized.

c. Column 3, Maintenance Functions. Column 3 lists the maintenance category at which performance of the specific maintenance function is authorized. Authorization to perform a function at any category also includes authorization to perform that function at higher categories. The codes used represent the various maintenance categories as follows:

<i>code</i>	<i>Explanation</i>
C_____	Operator crew
O_____	Organizational maintenance
F_____	Direct support maintenance
H_____	General support maintenance
D_____	Depot maintenance

d. Column 4, Tools and Test Equipment. Column 4 specifies, by code, those tools and test equipments required to perform the designated function. The

numbers appearing in this column refer to specific tools and test equipment which are identified in table I.

e. Column 5, Remarks. Self-explanatory.

B-4. Explanation of Format of Table I (Tool and Test Equipment Requirements)

The columns in table I are as follows:

a. Tools and Equipment. The numbers in this column coincide with the numbers used in the tools and equipment column of the Maintenance Allocation Chart. The numbers indicate the applicable tool for the maintenance function.

b. Maintenance Category. The codes in this column indicate the maintenance category normally allocated the facility.

c. Nomenclature. This column lists tools, test, and maintenance equipment required to perform the maintenance functions.

d. Federal Stock Number. This column lists the Federal stock number of the specific tool or test equipment.

e. Tool Number. Not used.

(Next printed page is B-3)

SECTION II. MAINTENANCE ALLOCATION CHART

GROUP NUMBER	COMPONENT ASSEMBLY NOMENCLATURE	MAINTENANCE FUNCTIONS										TOOLS AND EQUIPMENT	REMARKS	
		INSPECT	TEST	SERVICE	ADJUST	ALIGN	CALIBRATE	INSTALL	REPLACE	REPAIR	OVERHAUL			REBUILD
41	COUNTER ELECTRONIC DIGITAL READOUT AN/USM-207	O	H	O	O H	H							1,7,9,11,12, 13,14,15	Visual only
	CABLE ASSEMBLIES												16 10	Operating adjustments only
	COUNTER ELECTRONIC, DIGITAL READOUT CP-814/USM-207												1 thru 15 16 10	Replaces fuses, knobs, lamps
	PRINTED CIRCUIT CARDS, (PLUCK OUT)								O				16 10	Replaces fuses, knobs, lamps
	CONVERTER, FREQUENCY, ELECTRONIC CV-1921/USM-207									O H			16 10	Replace knobs
	OSCILLATOR RADIO FREQUENCY O-1257/USM-207										H		10	
	OSCILLATOR, RADIO FREQUENCY											H	10	

TABLE I. TOOL AND TEST EQUIPMENT REQUIREMENTS

TOOLS AND EQUIPMENT	MAINTENANCE CATEGORY	NOMENCLATURE	FEDERAL STOCK NUMBER	TOOL NUMBER
1	H	DUMMY LOAD ELECTRICAL DA-265/U	5985-069-5820	
2	H	FREQUENCY METER FR-J4/URM-18	6625-669-0083	
3	H	FREQUENCY METER FR-J45A/URM-18	6625-668-9732	
4	H	GENERATOR, SIGNAL AN/USM-J4	6625-669-4031	
5	H	GENERATOR, SIGNAL AN/URM-127	6625-247-29302	
6	H	GENERATOR, SIGNAL AN/UPM-J9	6625-669-5131	
7	H	OSCILLOSCOPE AN/USM-281A	6625-272-2101	
8	H	TRANSFORMER CN-16A/U	5950-235-2056	
9	H	TEST SET, TRANSISTOR TS-1835B/U	6625-165-0954	
10	H	TOOL KIT, ELECTRONIC EQUIPMENT TK-100/G	5180-605-0079	
11	H	VOLTMETER, ELECTRONIC, ME-30E/U	6625-643-1670	
12	H	VOLTMETER, ELECTRONIC, AN/USM-93	6625-753-2115	
13	H	VOLTMETER, ELECTRONIC AN/URM-145	6625-973-3986	
14	H	VARIABLE ATTENJATOR, CN-318/G	6625-752-3114	
15	H	WATTMETER, AN/URM-120	6625-813-8430	
16	O	TOOLS AND TEST EQUIPMENT AVAILABLE TO THE REPAIRMAN - USER BECAUSE OF HIS ASSIGNED MISSION.		

APPENDIX C

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS)

Section I. INTRODUCTION

C-1. Scope

This appendix lists repair parts required for the performance of organizational, direct support, general support, and depot maintenance of The AN/USM-207A.

C-2. General

This repair parts list is divided into the following sections:

a. Repair Parts for Organizational Maintenance—Section II. A list of repair parts authorized for the performance of maintenance at the organizational level.

b. Special Tools, Test and Support Equipment for Organizational Maintenance—Section III. Not applicable.

c. Repair Parts for Direct Support, General Support, and Depot Maintenance—Section IV. A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.

d. Special Tools, Test and Support Equipment for Direct Support, General Support, and Depot Maintenance—Section V. Not applicable.

e. Index-Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number or Reference Designation—Section VI. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in ascending alphanumeric sequence, cross-referenced to the illustration figure number and reference designation.

f. Index—Reference Designation Cross-Reference to Page Number—Section VII. A list of reference designations cross-referenced to page numbers.

C-3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings:

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code.* Source codes are assigned to support item to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items, Source codes are entered in the first and second positions of the Uniform SMR Code Format as follows:

<i>Code</i>	<i>Definition</i>
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked, for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production

<i>Code</i>	<i>Definition</i>
	facilities would prove uneconomical to reproduce at a later time.
KD—	An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF—	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB—	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO—	Item to be manufactured or fabricated at organizational level.
MF—	Item to be manufactured or fabricated at direct support maintenance level.
MH—	Item to be manufactured or fabricated at general support maintenance level.
MD—	Item to be manufactured or fabricated at depot maintenance level.
AO—	Item to be assembled at organizational level.
AF—	Item to be assembled at direct support maintenance level.
AH—	Item to be assembled at general support maintenance level.
AD—	Item to be assembled at depot maintenance level.
XA—	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB—	Item is not procured or stocked. If not available through salvage, requisition.
XD—	Support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code Format as follows:

USE (THIRD POSITION) : The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove,

replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
C—	Crew or operator maintenance performed within organization maintenance.
O—	Support item is removed, replaced, used at the organizational level.
I—	Support item is removed, replaced, used by the direct support element of intergrated direct support maintenance.
F—	Support item is removed, replaced, used at the direct support level.
H—	Support item is removed, replaced, used at the general support level.
D—	Support items that are removed, replaced, used at depot, mobile depot, Specialized Repair Activity only.

NOTE

Codes “I” and “F” will be considered the same by direct support units.

REPAIR (FOURTH POSITION) : The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

<i>Code</i>	<i>Application/Explanation</i>
O—	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F—	The lowest maintenance level capable of complete repair of the support item is direct support level.
H—	The lowest maintenance level capable of complete repair of the support item is general support level.
D—	The lowest maintenance level capable of complete repair of the support item is the depot level, performed by (enter applicable activity) depot, mobile depot, or Specialized Repair Activity.
L—	Repair restricted to designated Specialized Repair Activity.
Z—	Nonrepairable. No repair is authorized.
B—	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the dis-

position action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code Format as follows:

<i>Code</i>	<i>Definition</i>
Z	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in position three.
O	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manual/directive for specific instructions.
<i>b. Federal Stock Number.</i> Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.	
<i>c. Description.</i> Indicates the Federal item name and any additional description of the item required. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.	
<i>d. Unit of Measure (U/M).</i> A two-character alphabetic abbreviation indicating the amount, or quantity of the item upon which the allowances are based; e.g., ft, ea, pr, etc.	
<i>e. Quantity Incorporated in Unit.</i> Indicates the quantity of the item used in the AN/USM-207A. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".	
<i>f. Allowances (15-Day Organizational Maintenance, 30-Day DS/GS Maintenance, 1 Year Per Equipment/Contingency, and Depot Maintenance.</i>	

Items authorized for requisition as required are identified by an asterisk in the allowance columns.

g. Illustrations.

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number or reference designation.* Indicates the reference designation used to identify the item in the illustration.

C4. Special Information (Not applicable)

C-5. Location of Repair Parts

a. This appendix contains two cross-reference indexes (see VI and sec VII) to be used to locate a repair part when either the Federal stock number, reference number (manufacturer's part number), or reference designation is known. The first column in each index is prepared in numerical or alphanumeric sequence in ascending order. Where a Federal stock number is not listed, refer to the reference number (manufacturer's part numbers) immediately following the Federal stock number.

b. When the Federal stock or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers and reference numbers (see VI) and locate the Federal stock number or reference number. The FSN or reference number is cross-referenced to the applicable figure and reference designation.

(2) When the reference designation is determined, refer to the reference designation index (see VII). The reference designations are listed in numeric-alpha ascending order and are cross-referenced to the page number on which they appear in the repair parts list (see II and sec IV). Refer to the page number noted in the index and locate the reference designation in the repair parts list (col. 7b, Repair Parts for Organizational Maintenance or col. 10b, Repair Parts for Direct Support, General Support and Depot Maintenance).

c. When the reference designation is known, follow the procedures given in b(2) above.

d. When neither the FSN reference number, nor reference designation is known, identify the part in the illustration and follow directions given in c above or scrutinize column 3 of the repair parts lists (see II and sec IV).

C-6. Federal Supply Code for Manufacturers
The Federal supply code for manufacturers appearing in column 3 is used as an element in item

identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

(Next printed page is C-5)

SECTION II REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	DESCRIPTION	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	15-DAY ORGANIZATIONAL MAINTENANCE ALW				(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100		
	6625-044-3228	COUNTER ELEC DIGITAL READOUT AN/USM-207A (THIS ITEM IS NONEXPENDABLE)									
PAOZZ	5355-771-7868	Reference Number & Mfr Code KNOB: 2180060-2 (24624)		EA	2	*	*	*	*	5-37	1A1MP5
PAOZZ	5355	KNOB: 2180060-3 (24624)		EA	1	*	*	*	*	5-37	1A1MP6
PAOZZ	5355	KNOB: 2180060-1 (24624)		EA	1	*	*	*	*	5-37	1A1MP7
PAOZZ	5355-725-6095	KNOB: R50-1WD1G (49956)		EA	2	*	*	*	*	5-9	1A1MP8
PAOZZ	5355-725-6095	KNOB: R50-1WD1G (49956)		EA	REF	*	*	*	*	5-9	1A1MP9
PAOZZ	5355	KNOB: 2180058-1 (24624)		EA	1	*	*	*	*	5-9	1A1MP10
PAOZZ	5355-771-7865	KNOB: 2180059-1 (24624)		EA	2	*	*	*	*	5-9	1A1MP11
PAOZZ	5355-771-7865	KNOB: 2180059-1 (24624)		EA	REF	*	*	*	*	5-9	1A1MP12
PAOZZ	5355-616-9604	KNOB: MS91528-1P2B (96906)		EA	1	*	*	*	*	2-17	1A1MP13
PAOZZ	5355-771-7868	KNOB: 2180060-2 (24624)		EA	REF	*	*	*	*	5-9	1A1MP14
PAOZZ	5355-842-3111	KNOB: MS91528-1A2B (96906)		EA	1	*	*	*	*		1A2MP5

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
	6625-044-3228	COUNTER ELEC DIGITAL READOUT AN/USM-207A (THIS ITEM IS NONEXPENDABLE)												
AHHHD		CHASSIS ASSY DIGITAL COUNTER:5280038-501(24624)	EA	1								5-35	1A1	
AHHHD		CIRCUIT CARD ASSY:	EA	1								5-35	1A1A1	
PAHZZ	5961	SEMICON DEV DIO: 1N3190 (81349)	EA	1				*	*	*	*	5-39	1A1A1CR1	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	8				*	*	*	*	5-39	1A1A1CR5	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189	EA	REF				*	*	*	*	5-39	1A1A1CR6	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR7	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR8	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR9	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR10	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR11	
PAHZZ	5961-811-8372	SEMICON DEV DIO: 1N3189 (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR12	
PAHZZ	5961-892-3544	SEMICON DEV DIO: 1N755A (81349)	EA	1				*	*	*	*	5-39	1A1A1CR13	
PAHZZ	5961-892-0688	SEMICON DEV DIO: 1N752A (81349)	EA	1				*	*	*	*	5-39	1A1A1CR14	
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	2				*	*	*	*	5-39	1A1A1CR15	
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	REF				*	*	*	*	5-39	1A1A1CR16	
PAHZZ	5910-253-5213	CAPACITOR FXD ELECTROLYTIC: 300101-00 (77630)	EA	1				*	*	*	*	5-39	1A1A1C1	
PAHZZ	5910-717-0167	CAPACITOR FXD MICA DIELECTRIC: CM06FD471G03 (81349)	EA	1				*	*	*	*	5-39	1A1A1C3	
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	1				*	*	*	*	5-39	1A1A1C5	
PAHZZ	5910-777-6928	CAPACITOR FXD ELECTROLYTIC: CS13BD335K (81349)	EA	1				*	*	*	*	5-39	1A1A1C6	
PAHZZ	5910-779-8390	CAPACITOR FXD ELECTROLYTIC: CS13BF226K (81349)	EA	1				*	*	*	*	5-39	1A1A1C7	
PAHZZ	5999	HEATSINK ASSY: 3380143-501 (24624)	EA	1				*	*	*	*	5-39	1A1A1MP1	
PAHZZ	5305-948-9818	SCREW CAPTIVE: 6236SS0632-7 (06540)	EA	2				*	*	*	*		1A1A1MP1H2	
PAHZZ	5970	INSULATOR MICA: 2106116 (86270)	EA	3				*	*	*	*	5-39	1A1A1MP2	
PAHZZ	5970	INSULATOR MICA: 2106116 (86270)	EA	REF				*	*	*	*	5-39	1A1A1MP3	
PAHZZ	5970	INSULATOR MICA: 2106116 (86270)	EA	REF				*	*	*	*	5-39	1A1A1MP4	
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	5				*	*	*	*	5-39	1A1A1MP5	
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	5-39	1A1A1MP6	
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	5-39	1A1A1MP7	
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	5-39	1A1A1MP8	
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	5-39	1A1A1MP9	
AHHHD		PRINTED WIRING BOARD: 4380023-501 (24624)	EA	1								5-39	1A1A1MP10	
PAHZZ	5961-926-0125	TRANSISTOR: 2N456B (81349)	EA	1				*	*	*	*	5-39	1A1A1Q1	
PAHZZ	5305-948-5650	SCREW MACHINE: MS51957-16 (96906)	EA	2				*	*	*	*		1A1A1Q1H2	
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	2				*	*	*	*		1A1A1Q1H2	
PAHZZ	5310-933-8110	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*		1A1A1Q1H2	
PAHZZ	5310-125-9929	WASHER SHOULDER: 2662 (83330)	EA	2				*	*	*	*		1A1A1Q1H2	
PAHZZ	5961-837-7262	TRANSISTOR: 2N697 (81349)	EA	3				*	*	*	*	5-39	1A1A1Q2	
PAHZZ	5961-837-7262	TRANSISTOR: 2N697 (81349)	EA	REF				*	*	*	*	5-39	1A1A1Q3	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE (CONTINUED)

(1) SIR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						USABLE ON CODE	EA	REF	EA	REF	EA			REF	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1Q4
PAHZZ	5961-821-8976	TRANSISTOR:	2N297A	(81349)	EA	2				*	*	*	*	*	5-39	1A1A1Q5
PAHZZ	5305-054-5649	SCREW MACHINE:	MS51957-15	(96906)	EA	2				*	*	*	*	*		1A1A1Q5H2
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	2				*	*	*	*	*		1A1A1Q5H2
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	2				*	*	*	*	*		1A1A1Q5H2
PAHZZ	5310-125-9929	WASHER SHOULDER:	2662	(83330)	EA	2				*	*	*	*	*		1A1A1Q5H2
PAHZZ	5961-837-7262	TRANSISTOR:	2N697	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1Q6
PAHZZ	5961-821-8976	TRANSISTOR:	2N297A	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1Q7
PAHZZ	5305-054-5649	SCREW MACHINE:	MS51957-15	(96906)	EA	2				*	*	*	*	*		1A1A1Q7H2
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	2				*	*	*	*	*		1A1A1Q7H2
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	2				*	*	*	*	*		1A1A1Q7H2
PAHZZ	5310-125-9929	WASHER SHOULDER:	2662	(83330)	EA	2				*	*	*	*	*		1A1A1Q7H2
PAHZZ	5961-752-5229	TRANSISTOR:	2N404	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1Q8
PAHZZ	5905-814-8411	RESISTOR FXD FILM:	RL42S101J	(81349)	EA	2				*	*	*	*	*	5-39	1A1A1R1
PAHZZ	5905-060-8513	RESISTOR FXD FILM:	RL32S104J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R2
PAHZZ	5905-913-5011	RESISTOR FXD FILM:	RL32S510J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R3
PAHZZ	5905-915-1271	RESISTOR FXD FILM:	RL42S150J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R4
PAHZZ	5905-814-8411	RESISTOR FXD FILM:	RL42S101J	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R5
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION:	RC07GF102J	(81349)	EA	3				*	*	*	*	*	5-39	1A1A1R6
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION:	RC07GF122J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R7
PAHZZ	5905-764-6176	RESISTOR VARIABLE:	Z51-10-1K	(75042)	EA	1				*	*	*	*	*	5-39	1A1A1R8
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION:	RC07GF331J	(81349)	EA	3				*	*	*	*	*	5-39	1A1A1R9
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION:	RC07GF331J	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R10
PAHZZ	5905-764-4106	RESISTOR FXD FILM:	RN60D4220F	(81349)	EA	2				*	*	*	*	*	5-39	1A1A1R11
PAHZZ	5905-764-4106	RESISTOR FXD FILM:	RN60D4220F	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION:	RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R13
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION:	RC07GF681J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R14
PAHZZ	5905-978-1703	RESISTOR FXD WW:	RW69V1R5	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R15
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION:	RC07GF152J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R16
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION:	RC07GF331J	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R17
PAHZZ	5905-069-2153	RESISTOR FXD FILM:	RN60D1151F	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R18
PAHZZ	5905-988-2313	RESISTOR FXD FILM:	RN60D1211F	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R19
PAHZZ	5905-820-9124	RESISTOR FXD COMPOSITION:	RC07GF390J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R20
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION:	RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-39	1A1A1R21
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION:	RC07GF222J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R22
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION:	RC07GF104J	(81349)	EA	1				*	*	*	*	*	5-39	1A1A1R23
HHHD		CIRCUIT CARD ASSY:	5280012-501	(24624)	EA	3									5-40	1A1A2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	24				*	*	*	*	*	5-40	1A1A2CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR19
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR20
PAHZZ	5905-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR22
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR23
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2CR24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	16				*	*	*	*	*	5-40	1A1A2C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	16				*	*	*	*	*	5-40	1A1A2C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C12

SECTION " REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C16
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62A822M	(81349)	EA	2				*	*	*	*	*	5-40	1A1A2C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62A822M	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C20
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C22
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C23
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C25
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C26
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C27
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C28
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C30
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C31
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C32
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C33
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2C34
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	27				*	*	*	*	*	5-40	1A1A2MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP6
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP7
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP8
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP9

SECTION IV. REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP10
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP11
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP12
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP13
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP14
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP15
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP16
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP17
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP18
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP19
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP20
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP21
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-40	1A1A2MP22
AHHD		PRINTED WIRING BOARD: (24624)	(24624)	EA	1									5-40	1A1A2MP23
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	20				*	*	*	*	*	5-40	1A1A2Q1
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q2
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q3
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q4
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q5
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q6
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q7
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q8
PAHZZ	5961-752-5229	TRANSISTOR: 2N1304	(81349)	EA	2				*	*	*	*	*	5-40	1A1A2Q9
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q10
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q11
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q12
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q13
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q14
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q15
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q16
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q17
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q18
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q19
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q20
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q21
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A2Q22
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	2				*	*	*	*	*	5-40	1A1A2R1
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	16				*	*	*	*	*	5-40	1A1A2R2
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	4				*	*	*	*	*	5-40	1A1A2R3
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	28				*	*	*	*	*	5-40	1A1A2R4

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT CF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	3				*	*	*	*	*	5-40	1A1A2R5
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	18				*	*	*	*	*	5-40	1A1A2R6
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R7
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R8
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R9
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R10
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R11
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	2				*	*	*	*	*	5-40	1A1A2R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R13
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R14
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R15
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R16
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R17
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	7				*	*	*	*	*	5-40	1A1A2R18
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R19
PAHZZ	5905-682-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R20
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R21
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-40	1A1A2R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R23
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R24
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R25
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R26
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R27
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R28
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R29
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R30
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R31
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R32

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) USABLE ON CODE	(5) UNIT OF MEAS QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP ENTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
					PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF					
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R34
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R35
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R36
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R38
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R40
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R41
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: (81349)	EA	4				*	*	*	*	*	5-40	1A1A2R42
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	2				*	*	*	*	*	5-40	1A1A2R43
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	4				*	*	*	*	*	5-40	1A1A2R44
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	2				*	*	*	*	*	5-40	1A1A2R45
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R46
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R47
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R48
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R50
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RC07GF6821S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R51
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R52
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R53
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R54
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R55
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R56
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R57
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RC07GF682JS (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R58
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R61

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPORT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R62
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R63
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R64
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R65
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R66
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R67
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITON: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R68
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R70
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R72
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R73
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R74
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R76
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R77
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R78
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R79
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R80
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R81
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R82
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R83
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R84
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R85
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R86
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R87
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R88
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R89

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALWP PER EQUIP CNTGCV	(9) DEPOT MAINT ALWP PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R90
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R91
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R92
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R93
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A2R94
AHHHD		CIRCUIT CARD ASSY: 5280012-501 (24624)	EA	3									5-40	1A1A3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	24				*	*	*	*	*	5-40	1A1A3CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR19
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR20
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR22
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR23
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3CR24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	16				*	*	*	*	*	5-40	1A1A3C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C7

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPORT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CMTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C16
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	2				*	*	*	*	*	5-40	1A1A3C17
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C20
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C22
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C23
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C25
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C26
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C27
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C28
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C30
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C31
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C32
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C33
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3C34
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	22				*	*	*	*	*	5-40	1A1A3MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A3MP2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP3	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP4	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP5	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP6	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP7	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP8	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP9	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP10	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP11	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP12	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP13	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP14	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP15	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP16	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP17	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP18	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP19	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP20	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP21	
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-40	1A1A3MP22	
AHHHD		PRINTED WIRING BOARD: 4380011-501	(24624)	EA	1							5-40	1A1A3MP23	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	20	*	*	*	*	*	*	5-40	1A1A3Q1	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q2	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q3	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q4	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q5	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q6	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q7	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q8	
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	2	*	*	*	*	*	*	5-40	1A1A3Q9	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q10	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q11	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q12	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q13	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q14	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q15	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q16	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q17	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q18	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q19	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q20	
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A3Q21	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3Q22
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	2				*	*	*	*	*	5-40	1A1A3R1
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	16				*	*	*	*	*	5-40	1A1A3R2
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCRO7G682JS (81349)	EA	4				*	*	*	*	*	5-40	1A1A3R3
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	28				*	*	*	*	*	5-40	1A1A3R4
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	3				*	*	*	*	*	5-40	1A1A3R5
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	18				*	*	*	*	*	5-40	1A1A3R6
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R7
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R8
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R9
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R10
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCRO7G682JS (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R11
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	2				*	*	*	*	*	5-40	1A1A3R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R13
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R14
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R15
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R16
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R17
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	7				*	*	*	*	*	5-40	1A1A3R18
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R19
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R20
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R21
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-40	1A1A3R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R23
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R24
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R25
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R26
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R27
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R28

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
															USABLE ON CODE
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R29
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R30
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R31
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R32
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R33
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07G103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R34
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R35
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R36
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R38
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R40
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R41
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	4				*	*	*	*	*	5-40	1A1A3R42
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J	(81349)	EA	2				*	*	*	*	*	5-40	1A1A3R43
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	4				*	*	*	*	*	5-40	1A1A3R44
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	2				*	*	*	*	*	5-40	1A1A3R45
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R46
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R47
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R48
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R49
PAHZZ	5905-682-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R50
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R51
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R52
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R53
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R54
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R55
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R56

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPORT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R57
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R58
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R61
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R62
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R63
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R64
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R65
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R66
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R67
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R68
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R70
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R72
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R73
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R74
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R76
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R77
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R78
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R79
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R80
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R81
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R82
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R83
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R84

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) S/R CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R85
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R86
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R87
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R88
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R89
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R90
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R91
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R92
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R93
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A3R94
AHHHD	6625-813-9780	CIRCUIT CARD ASSY: 5280012-501	(24624)	EA	3				*	*	*	*	*	5-40	1A1A4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	24				*	*	*	*	*	5-40	1A1A4CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR19
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR20
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR22
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR23
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4CR24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	16				*	*	*	*	*	5-40	1A1A4C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	16				*	*	*	*	*	5-40	1A1A4C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C16
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M	(81349)	EA	2				*	*	*	*	*	5-40	1A1A4C17
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C20
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C22
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C23
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C25
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C26
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C27
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C28
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C30

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF					
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C32
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C33
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4C34
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	27				*	*	*	*	*	5-40	1A1A4MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP6
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP7
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP8
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP9
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP10
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP11
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP12
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP13
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP14
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP15
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP16
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP17
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP18
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP19
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP20
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP21
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-40	1A1A4MP22
AHHHD		PRINTED WIRING BOARD: 4380011-501 (24624)	EA	1									5-40	1A1A4MP23
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	20				*	*	*	*	*	5-40	1A1A4Q1
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q2
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q3
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q4
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q5
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q6
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q7
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q8
PAHZZ	5961-752-5229	TRANSISTOR: 2N1304 (81349)	EA	2				*	*	*	*	*	5-40	1A1A4Q9
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q10
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q11
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q12
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4Q13

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMA CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q14	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q15	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q16	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q17	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q18	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q19	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q20	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q21	
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4Q22	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	2	*	*	*	*	*	*	5-40	1A1A4R1	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	16	*	*	*	*	*	*	5-40	1A1A4R2	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	4	*	*	*	*	*	*	5-40	1A1A4R3	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	28	*	*	*	*	*	*	5-40	1A1A4R4	
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	3	*	*	*	*	*	*	5-40	1A1A4R5	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	18	*	*	*	*	*	*	5-40	1A1A4R6	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R7	
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R8	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R9	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R10	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R11	
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J	(81349)	EA	2	*	*	*	*	*	*	5-40	1A1A4R12	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R13	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R14	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R15	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R16	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R17	
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	7	*	*	*	*	*	*	5-40	1A1A4R18	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R19	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R20	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R21	
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	2	*	*	*	*	*	*	5-40	1A1A4R22	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-40	1A1A4R23	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R24
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R25
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R26
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R27
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R28
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R29
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R30
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R31
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R32
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R33
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R34
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R35
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R36
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R38
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R40
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R41
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	4				*	*	*	*	*	5-40	1A1A4R42
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	2				*	*	*	*	*	5-40	1A1A4R43
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	4				*	*	*	*	*	5-40	1A1A4R44
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	2				*	*	*	*	*	5-40	1A1A4R45
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R46
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R47
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R48
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R50
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R51

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R52
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITON: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R53
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R54
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R55
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R56
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R57
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R58
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R61
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R62
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R63
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R64
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R65
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R66
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R67
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R68
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R70
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R72
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R73
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R74
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R76
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R77
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R78
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R79

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R80
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R81
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R82
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R83
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R84
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R85
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R86
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R87
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R88
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R89
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R90
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R91
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R92
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R93
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-40	1A1A4R94
AHHHD		CIRCUIT CARD ASSY: 5280013-501	(24624)	EA	1									5-41	1A1A5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	10				*	*	*	*	*	5-41	1A1A5CR1
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	13				*	*	*	*	*	5-41	1A1A5CR2
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR5
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR6
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR7
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR8
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR10
PAHZZ	5961-615-0955	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR11
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR12
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR15
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR18
PAHZZ	5961-615-0955	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR19

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR20
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR21
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR22
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5CR23
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	5				*	*	*	*	*	5-41	1A1A5C1
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	2				*	*	*	*	*	5-41	1A1A5C3
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	8				*	*	*	*	*	5-41	1A1A5C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	9				*	*	*	*	*	5-41	1A1A5C5
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C7
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C9
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C11
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C13
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C16
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C17
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C18
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C20
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C21
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C22
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	1				*	*	*	*	*	5-41	1A1A5C23
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	1				*	*	*	*	*	5-41	1A1A5C24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	1				*	*	*	*	*	5-41	1A1A5C25
PAHZZ	5910-813-9353	CAPACITOR FXD MICA DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5C26

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
					PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	3					
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	FA	REF				*	*	*	*	*	5-41	1A1ASC28
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-41	1A1ASC29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03	(81349)	EA	1				*	*	*	*	*	5-41	1A1ASC30
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	REF				*	*	*	*	*	5-41	1A1ASC31
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	4				*	*	*	*	*	5-41	1A1A5MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-41	1A1A5MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-41	1A1A5MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-41	1A1A5MP4
AHHHD		PRINTED WIRING BOARD: 4380013-501	(24624)	EA	1									5-41	1A1A5MP5
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	13				*	*	*	*	*	5-41	1A1A5Q1
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q2
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q3
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q4
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q5
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q6
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q7
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q8
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	3				*	*	*	*	*	5-41	1A1A5Q9
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5Q10
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q11
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q12
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q13
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q14
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q15
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q16
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5Q17
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	10				*	*	*	*	*	5-41	1A1A5R1
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	8				*	*	*	*	*	5-41	1A1A5R2
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	6				*	*	*	*	*	5-41	1A1A5R3
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G862JS	(81349)	EA	11				*	*	*	*	*	5-41	1A1A5R4
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J	(81349)	EA	7				*	*	*	*	*	5-41	1A1A5R5
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R6
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R7
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R8
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R9

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CATGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R10
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R11
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R12
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R13
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R14
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R15
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R16
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R17
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R19
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R20
PAHZZ	5905-683-2462	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R21
PAHZZ	5905-683-2462	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R22
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R23
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R25
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R25
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R26
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R27
PAHZZ	5905-776-5313	RESISTOR FXD COMPOSITION: RL20S471J (81349)	EA	2				*	*	*	*	*	5-41	1A1A5R28
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R29
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R30
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R31
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R32
PAHZZ	5905-776-5313	RESISTOR FXD COMPOSITION: RL20S471J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R33
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R34
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	3				*	*	*	*	*	5-41	1A1A5R35
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R36
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	3				*	*	*	*	*	5-41	1A1A5R37

SECTION VI REPAIR PARTS FOR DIRECT SUPPORT GENERAL SUPPORT, AND DEPOT MAINTENANCE

CONTINUED

NSN	FEDERAL ACQUISITION NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						*	*	*	*	*	*			*	*
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R38
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R39
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R40
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R41
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF151J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R42
PAHZZ	5905-802-6730	RESISTOR FXD COMPOSITION: RC07GF470J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R43
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J	(81349)	EA	2				*	*	*	*	*	5-41	1A1A5R44
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R45
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R46
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RC07GF821J	(81349)	EA	10				*	*	*	*	*	5-41	1A1A5R47
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R49
PAHZZ	5905-964-3223	RESISTOR FXD FILM: RL42S181J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R50
PAHZZ	5905-904-3111	RESISTOR FXD FILM: RL32S680J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R51
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R52
PAHZZ	5905-681-6-62	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	1				*	*	*	*	*	5-41	1A1A5R53
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R52
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R57
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R58
PAHZZ	5905-681-6-62	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R59
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R60
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF561J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R61
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R62
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R63
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R64
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R65
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R66

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-688-3736	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	1				*	*	*	*	*	5-41	1A1A5R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-41	1A1A5R68
AHHHD		CIRCUIT CARD ASSY: 5280014-501 (24624)	EA	1									5-42	1A1A6
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	11				*	*	*	*	*	5-42	1A1A6CR1
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR2
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR3
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR4
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR5
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR6
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR7
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR8
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR9
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR10
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR11
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6CR12
PAHZZ	5910-088-2301	CAPACITOR FXD PAPER DIELECTRIC: CF05A1KF333K3 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C1
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C2
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1 (96733)	EA	13				*	*	*	*	*	5-42	1A1A6C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C4
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C5
PAHZZ	5910-069-0362	CAPACITOR FXD MICA DIELECTRIC: CM10ED470G03 (81349)	EA	3				*	*	*	*	*	5-42	1A1A6C6
PAHZZ	5910-914-4377	CAP VARIABLE GLASS DIELECTRIC: MCG-YY (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C7
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C8
PAHZZ	5910-866-3123	CAPACITOR FXD MICA DIELECTRIC: CM10FD101G03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C9
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	4				*	*	*	*	*	5-42	1A1A6C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	8				*	*	*	*	*	5-42	1A1A6C11
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C13
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C14
PAHZZ	5910-069-0362	CAPACITOR FXD MICA DIELECTRIC: CM10ED470G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C16
PAHZZ	5910-107-2544	CAPACITOR FXD MICA DIELECTRIC: CM10FD151G03 (81349)	EA	2				*	*	*	*	*	5-42	1A1A6C17
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K (81349)	EA	2				*	*	*	*	*	5-42	1A1A6C18

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CWTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5910-883-4779	CAPACITOR FXD MICA DIELECTRIC: CK06CW222K (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C20
PAHZZ	5910-069-0362	CAPACITOR FXD MICA DIELECTRIC: CM10ED470G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C22
PAHZZ	5910-107-2544	CAPACITOR FXD DIELECTRIC: CM10FD151G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C23
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED680J03 (81349)	EA	3				*	*	*	*	*	5-42	1A1A6C24
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C25
PAHZZ	5910-412-2000	CAPACITOR FXD MICA DIELECTRIC: CM10FD222J03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C26
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED680J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C27
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03 (81349)	EA	1				*	*	*	*	*	5-42	1A1A6C28
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED680J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C30
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C31
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C32
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C33
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C34
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C35
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C36
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C37
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C38
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C39
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C40
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C41
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C42
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C43
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-42	1A1A6C44
PAHZZ	5910-118-7902	CAPACITOR FXD MICA DIELECTRIC: CM10CD050D03 (81349)	EA	2				*	*	*	*	*	5-42	1A1A6C45
PAHZZ	5910-118-7902	CAPACITOR FXD MICA DIELECTRIC: CM10CD050D03 (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C46

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-842-2679	CAPACITOR FXD CERAM DIELECTRIC: CC22UJ330G	(81349)	EA	3				*	*	*	*	*	5-42	1A1A6C47
PAHZZ	5910-842-2679	CAPACITOR FXD CERAM DIELECTRIC: CC22UJ330G	(81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C48
PAHZZ	5910-842-2679	CAPACITOR FXD CERAM DIELECTRIC: CC22UJ330G	(81349)	EA	REF				*	*	*	*	*	5-42	1A1A6C49
AHHHD		SHIELD ELEC: 3280286-501	(24624)	EA	1									5-42	1A1A6E1
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	6				*	*	*	*	*		1A1A6E1H6
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135	(96906)	EA	6				*	*	*	*	*		1A1A6E1H6
PAHZZ	5310	NUT PLAIN HEX: MS35649-244	(96906)	EA	6				*	*	*	*	*		1A1A6E1H6
PAHZZ	5950-729-3622	COIL RF: MS75055-1	(96906)	EA	1				*	*	*	*	*	5-42	1A1A6L1
PAHZZ	5950-813-5685	COIL RF: 2480064-1	(24624)	EA	3				*	*	*	*	*	5-42	1A1A6L2
PAHZZ	5950-813-5685	COIL RF: 2480064-1	(24624)	EA	REF				*	*	*	*	*	5-42	1A1A6L3
PAHZZ	5950-813-5685	COIL RF: 2480064-1	(24624)	EA	REF				*	*	*	*	*	5-42	1A1A6L4
PAHZZ	5950-914-7865	COIL RF: MS75052-4	(96906)	EA	1				*	*	*	*	*	5-42	1A1A6L5
PAHZZ	5950-813-5692	COIL RF: 2480065-1	(24624)	EA	3				*	*	*	*	*	5-42	1A1A6L6
PAHZZ	5950-813-5692	COIL RF: 2480065-1	(24624)	EA	REF				*	*	*	*	*	5-42	1A1A6L7
PAHZZ	5905-813-5692	COIL RF: 2480065-1	(24624)	EA	REF				*	*	*	*	*	5-42	1A1A6L8
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	20				*	*	*	*	*	5-42	1A1A6MP1
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP2
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP3
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP4
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP5
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP6
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP7
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP8
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP9
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP10
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP11
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP12
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP13
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP16
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP17
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP18
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP19
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-42	1A1A6MP20
AHHHD		PRINTED WIRING BOARD: 4380014-501	(24624)	EA	1									5-42	1A1A6MP21
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	20				*	*	*	*	*	5-42	1A1A6Q1
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-42	1A1A6Q2
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-42	1A1A6Q3
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-42	1A1A6Q4

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

SYMBOL	FEDERAL ITEM NO.	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS.	(5) QTY INCL IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q5	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q6	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q7	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q8	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q9	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q10	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q11	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q12	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q13	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q14	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q15	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q16	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q17	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q18	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q19	
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6Q20	
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RCR07GF122J	(81349)	EA	3	*	*	*	*	*	*	5-42	1A1A6R1	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07GF682JS	(81349)	EA	3	*	*	*	*	*	*	5-42	1A1A6R2	
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RCR07GF223J	(81349)	EA	2	*	*	*	*	*	*	5-42	1A1A6R3	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07GF682JS	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R4	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07GF682JS	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R5	
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RCR07GF122J	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R6	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RCR07GF104J	(81349)	EA	1	*	*	*	*	*	*	5-42	1A1A6R7	
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RCR07GF122J	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R8	
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RCR07GF392J	(81349)	EA	2	*	*	*	*	*	*	5-42	1A1A6R9	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCR07GF472S	(81349)	EA	14	*	*	*	*	*	*	5-42	1A1A6R10	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCR07GF472S	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R11	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCR07GF472S	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R12	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RCR07GF333J	(81349)	EA	1	*	*	*	*	*	*	5-42	1A1A6R13	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RCR07GF102J	(81349)	EA	10	*	*	*	*	*	*	5-42	1A1A6R14	
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RCR07GF392J	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R15	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCR07GF472S	(81349)	EA	REF	*	*	*	*	*	*	5-42	1A1A6R16	
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RCR07GF153J	(81349)	EA	9	*	*	*	*	*	*	5-42	1A1A6R17	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) S&R CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R18
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R19
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R20
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R21
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R23
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-42	1A1A6R24
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R25
PAHZZ	5905-681-8853	RESISTOR FXD COMPOSITION: RC07GF683J (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R27
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R28
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	2				*	*	*	*	*	5-42	1A1A6R29
PAHZZ	5905-775-0633	RESISTOR FXD FILM: RL20S561J (81349)	EA	2				*	*	*	*	*	5-42	1A1A6R30
PAHZZ	5905-775-0633	RESISTOR FXD FILM: RL20S561J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R31
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R32
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R33
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R34
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R35
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R36
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R37
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R38
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R39
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R40
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R41
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R42
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R43
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R44
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R45
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R46

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF					
PAHZZ	5905-661-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R48
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R50
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R51
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R52
PAHZZ	5905-776-5313	RESISTOR FXD FILM: RL20S471J (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R53
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R54
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-42	1A1A6R55
PAHZZ	5905-900-0814	RESISTOR FXD FILM: RL20S331J (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R56
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	1				*	*	*	*	*	5-42	1A1A6R57
AMHHD		CIRCUIT CARD ASSY: 5280015-501 (24624)	EA	1									5-43	1A1A7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	9				*	*	*	*	*	5-43	1A1A7CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR4
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	1				*	*	*	*	*	5-43	1A1A7CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR6
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	3				*	*	*	*	*	5-43	1A1A7CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR9
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR11
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	9				*	*	*	*	*	5-43	1A1A7CR12
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR13
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR14
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR15
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR16
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR17
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR18
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR19
PAHZZ	5961-840-5466	SEMICON DEV DIO: 1N485B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR20
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR22
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7CR23
PAHZZ	5910-787-2109	CAPACITOR FXD ELECTROLYTIC: CS13BF105K (81349)	EA	2				*	*	*	*	*	5-43	1A1A7C1
PAHZZ	5910-787-2109	CAPACITOR FXD ELECTROLYTIC: CS13BF105K (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7C2
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	1				*	*	*	*	*	5-43	1A1A7C3

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CMTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	1				*	*	*	*	5-43	1A1A7C4
PAHZZ	5910-932-4455	CAPACITOR FXD ELECTROLYTIC: CS13BE156KM	(81349)	EA	1				*	*	*	*	5-43	1A1A7C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03	(81349)	EA	2				*	*	*	*	5-43	1A1A7C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03	(81349)	EA	REF				*	*	*	*	5-43	1A1A7C7
PAHZZ	5910-965-9441	CAPACITOR FXD MICA DIELECTRIC: CM06FD102G03	(81349)	EA	1				*	*	*	*	5-43	1A1A7C8
PAHZZ	5910-868-5845	CAPACITOR FXD ELECTROLYTIC: CS13D686KM	(81349)	EA	1				*	*	*	*	5-43	1A1A7C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD332J03	(81349)	EA	1				*	*	*	*	5-43	1A1A7C10
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	1				*	*	*	*	5-43	1A1A7C11
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	13				*	*	*	*	5-43	1A1A7MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP6
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP7
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP8
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP9
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP10
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP11
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP12
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-43	1A1A7MP13
AHHHD		PRINTED WIRING BOARD: 4380012-501	(24624)	EA	1								5-43	1A1A7MP14
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	11				*	*	*	*	5-43	1A1A7Q1
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q2
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q3
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q4
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q5
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q6
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q7
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q8
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q9
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	1				*	*	*	*	5-43	1A1A7Q10
PAHZZ	5961-852-5171	TRANSISTOR: 2N1711	(81349)	EA	1				*	*	*	*	5-43	1A1A7Q11
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q12
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-43	1A1A7Q13
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J	(81349)	EA	4				*	*	*	*	5-43	1A1A7R1
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	13				*	*	*	*	5-43	1A1A7R2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL DEPOT MAINTENANCE (CONTINUED)

(1) NRC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE OR CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R3
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R4
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R5
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-43	1A1A7R6
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	3				*	*	*	*	*	5-43	1A1A7R8
PAHZZ	5905-687-0000	RESISTOR FXD COMPOSITION: RC07GF183J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R9
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	4				*	*	*	*	*	5-43	1A1A7R10
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	3				*	*	*	*	*	5-43	1A1A7R11
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R12
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R13
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	3				*	*	*	*	*	5-43	1A1A7R14
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R15
PAHZZ	5905-683-2236	RESISTOR FXD COMPOSITION: RC07GF391J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R16
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R17
PAHZZ	5905-905-4032	RESISTOR FXD FILM: RL20S121J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R18
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R19
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R20
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	6				*	*	*	*	*	5-43	1A1A7R21
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R22
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R23
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R24
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R25
PAHZZ	5905-776-5313	RESISTOR FXD FILM: RL20S471J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R26
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	1				*	*	*	*	*	5-43	1A1A7R27
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	2				*	*	*	*	*	5-43	1A1A7R29
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R30
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R31

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHELF CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE UN CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-683-2246	RESISTOR FXD COMPOSITION: RC07GF473J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R32
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R33
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R34
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R35
PAHZZ	5905-683-2293	RESISTOR FXD COMPOSITION: RC07GF151J	(81349)	EA	1				*	*	*	*	*	5-43	1A1A7R36
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	1				*	*	*	*	*	5-43	1A1A7R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R38
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R39
PAHZZ	5905-975-1272	RESISTOR FXD FILM: RL42S152J	(81349)	EA	1				*	*	*	*	*	5-43	1A1A7R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R41
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R42
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R43
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R44
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R45
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R46
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R47
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R49
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R50
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R51
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-43	1A1A7R52
PAHZZ		CIRCUIT CARD ASSY: 5280016-501	(24624)	EA	1									5-44	1A1A8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	7				*	*	*	*	*	5-44	1A1A8CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR7
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	2				*	*	*	*	*	5-44	1A1A8CR8
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR9
PAHZZ	5910	SEMICON DEV DIO: 1N748A	(81349)	EA	1				*	*	*	*	*	5-44	1A1A8CR10

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	3				*	*	*	*	*	5-44	1A1A8CR11
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR12
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8CR13
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	5				*	*	*	*	*	5-44	1A1A8C1
PAHZZ	5910	CAPACITOR FXD CERAM DIELECTRIC: CK06AW222K	(81349)	EA	3				*	*	*	*	*	5-44	1A1A8C2
PAHZZ	5910	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C3
PAHZZ	5910	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C4
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	2				*	*	*	*	*	5-44	1A1A8C5
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03	(81349)	EA	1				*	*	*	*	*	5-44	1A1A8C7
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C8
PAHZZ	5910-771-8970	CAPACITOR FXD ELECTROLYTIC: CS13BB337K	(81349)	EA	2				*	*	*	*	*	5-44	1A1A8C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD181J03	(81349)	EA	2				*	*	*	*	*	5-44	1A1A8C10
PAHZZ	5910-777-6928	CAPACITOR FXD ELECTROLYTIC: CS13BD335K	(81349)	EA	1				*	*	*	*	*	5-44	1A1A8C11
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	1				*	*	*	*	*	5-44	1A1A8C12
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03	(81349)	EA	2				*	*	*	*	*	5-44	1A1A8C13
PAHZZ	5910-771-8970	CAPACITOR FXD ELECTROLYTIC: CS13BB337K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD181J03	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	1				*	*	*	*	*	5-44	1A1A8C16
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C17
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C18
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C19
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	6				*	*	*	*	*	5-44	1A1A8C20
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	REF				*	*	*	*	*	5-44	1A1A8C21
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1	(96733)	EA	REF				*	*	*	*	*	5-44	1A1A8C22
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1	(96733)	EA	REF				*	*	*	*	*	5-44	1A1A8C23
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1	(96733)	EA	REF				*	*	*	*	*	5-44	1A1A8C24
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-44	1A1A8C25
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480541-1	(96733)	EA	REF				*	*	*	*	*	5-44	1A1A8C26

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE UN CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5975	FERRITE BEAD: 3480427-1	(02114)	2					
PAHZZ	5975	FERRITE BEAD: 3483427-1	(02114)	EA	REF				*	*	*	*	5-44	1A1A8E6
PAHZZ	5935-919-3242	CONN RECP ELEC: 50-153-0000	(98291)	EA	1				*	*	*	*	5-44	1A1A8J1
PAHZZ	5950-704-1993	CHOKE RF: MS75008-40	(96906)	EA	1				*	*	*	*	5-44	1A1A8L1
PAHZZ	5950-813-5730	CHOKE RF: 3480418-5	(24624)	EA	1				*	*	*	*	5-44	1A1A8L2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	4				*	*	*	*	5-44	1A1A8MP1
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP4
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	10				*	*	*	*	5-44	1A1A8MP5
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP6
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP7
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP8
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP9
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP10
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP11
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP12
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP13
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	5-44	1A1A8MP14
AHHHD		PRINTED WIRING BOARD: 4380022-501	(24624)	EA	1								5-44	1A1A8MP15
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	3				*	*	*	*	5-44	1A1A8Q1
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q2
PAHZZ	5961-752-5229	TRANSISTOR: 2N404	(81349)	EA	1				*	*	*	*	5-44	1A1A8Q3
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q4
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	3				*	*	*	*	5-44	1A1A8Q5
PAHZZ	5961-226-8581	TRANSISTOR: 2N964	(81349)	EA	1				*	*	*	*	5-44	1A1A8Q6
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q7
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	5				*	*	*	*	5-44	1A1A8Q8
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q9
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q10
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q11
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q12
PAHZZ	5961	TRANSISTOR: ST6212-1	(03877)	EA	1				*	*	*	*	5-44	1A1A8Q13
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	5-44	1A1A8Q14
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	3				*	*	*	*	5-44	1A1A8R1
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	4				*	*	*	*	5-44	1A1A8R2
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	5-44	1A1A8R3
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	REF				*	*	*	*	5-44	1A1A8R4
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	2				*	*	*	*	5-44	1A1A8R5

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE OM CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	4					
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R7
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R8
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R9
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R10
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R11
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R12
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R13
PAHZZ	5905-683-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R14
AHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R15
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R16
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R17
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	WA	REF				*	*	*	*	*	5-44	1A1A8R18
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R19
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R20
PAHZZ	5905-900-2089	RESISTOR FXD FILM: RL20S101J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R21
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R22
PAHZZ	5905-717-3347	RESISTOR FXD FILM: RL32S471J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R23
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R24
PAHZZ	5905-900-2089	RESISTOR FXD FILM: RL20S101J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R25
PAHZZ	5905-969-5853	RESISTOR FXD FILM: RN60D2051F (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R26
PAHZZ	5905-068-1538	RESISTOR FXD FILM: RN60D2611F (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R27
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RC07GF331J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R28
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RC07GF820J (81349)	EA	2				*	*	*	*	*	5-44	1A1A8R29
PAHZZ	5905	RESISTOR VARIABLE: 251-10-2K (75042)	EA	1				*	*	*	*	*	5-44	1A1A8R30
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R31
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R32
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RC07GF331J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R33
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R34
PAHZZ	5905-904-3674	RESISTOR FXD FILM: RL32431J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R35

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RC07GF820J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R36
PAHZZ	5905-900-1219	RESISTOR FXD FILM: RL20S221J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R37
PAHZZ	5905-775-0636	RESISTOR FXD FILM: RL20S470J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R38
PAHZZ	5905-778-4905	RESISTOR FXD FILM: RL42S561J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R39
PAHZZ	5905-814-1247	RESISTOR FXD FILM: RL32S102J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R40
PAHZZ	5905-814-7592	RESISTOR FXD FILM: RL20S181J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R41
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R42
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R43
PAHZZ	5905-975-1253	RESISTOR FXD FILM: RL32S271J (81349)	EA	1				*	*	*	*	*	5-44	1A1A8R44
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	REF				*	*	*	*	*	5-44	1A1A8R45
AHHHD		CIRCUIT CARD ASSY: 5280017-501 (24624)	EA	1									5-45	1A1A9
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	47				*	*	*	*	*	5-45	1A1A9CR1
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR2
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR3
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR4
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR5
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR6
PAHZZ	5961-478-9624	SEMICON DEV DIO: 1N483B (81349)	EA	1				*	*	*	*	*	5-45	1A1A9CR7
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR8
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR9
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR10
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR11
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	10				*	*	*	*	*	5-45	1A1A9CR12
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR13
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR14
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR15
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR17
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR18
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR19
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR20
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR21
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR22
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR23
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR24
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR25
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR26
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR27
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR28
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR29
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9CR30

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR BLW PER EQUIP CNTQCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR31	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR34	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR35	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR36	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR37	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR38	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR39	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR40	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR41	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR42	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR43	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR44	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR47	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR48	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR49	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR50	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR51	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR52	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR53	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR54	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR55	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR56	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR57	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR58	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR61	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR62	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR63	
PAHZZ	5910	SEMICON DEV DIO: 1N4524	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9CR64	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	24	*	*	*	*	*	*	5-45	1A1A9C1	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	4	*	*	*	*	*	*	5-45	1A1A9C2	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03	(81349)	EA	1	*	*	*	*	*	*	5-45	1A1A9C3	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9C4	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	REF	*	*	*	*	*	*	5-45	1A1A9C5	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	REF	*	*	*	*	*	*	5-45	1A1A9C6	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	REF	*	*	*	*	*	*	5-45	1A1A9C7	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03	(81349)	EA	7	*	*	*	*	*	*	5-45	1A1A9C8	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1	(96733)	EA	REF	*	*	*	*	*	*	5-45	1A1A9C9	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03	(81349)	EA	8	*	*	*	*	*	*	5-45	1A1A9C10	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	9				*	*	*	*	5-45	1A1A9C11	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	3				*	*	*	*	5-45	1A1A9C12	
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C13	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C14	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C15	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C16	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C17	
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C18	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C19	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C20	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C21	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C22	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C23	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C24	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C25	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C26	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C27	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C28	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C29	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C30	
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C31	
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C32	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C33	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C34	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C35	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C36	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	5-45	1A1A9C37	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	5-45	1A1A9C38	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) FEDERAL CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QUANTITY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C39
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C40
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C41
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C42
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C43
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C44
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C45
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C46
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C47
PAHZZ	5910-934-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C48
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C49
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C50
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C51
PAHZZ	5910-435-6389	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9C52
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C53
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C54
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C55
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-45	1A1A9C56
PAHZZ	5950-811-8468	CHOKE RF: 3480418-1 (24624)	EA	3				*	*	*	*	*	5-45	1A1A9L1
PAHZZ	5950-811-8468	CHOKE RF: 3480418-1 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L2
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	8				*	*	*	*	*	5-45	1A1A9L3
PAHZZ	5950-764-3188	CHOKE RF: MS18130-4 (96906)	EA	7				*	*	*	*	*	5-45	1A1A9L4
PAHZZ	5950-811-8468	CHOKE RF: 3480418-1 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L5
PAHZZ	5950-813-5710	CHOKE RF: 3480418-2 (24624)	EA	1				*	*	*	*	*	5-45	1A1A9L6
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L7
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L9
PAHZZ	5950-764-3188	CHOKE RF: MS18130-4 (96906)	EA	REF				*	*	*	*	*	5-45	1A1A9L10
PAHZZ	5950-764-3188	CHOKE RF: MS18130-4 (96906)	EA	REF				*	*	*	*	*	5-45	1A1A9L11
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L12
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L13
PAHZZ	5950-764-3188	CHOKE RF: MS18130-4 (96906)	EA	REF				*	*	*	*	*	5-45	1A1A9L14
PAHZZ	5950-764-3188	CHOKE RF: MS18130-4 (96906)	EA	REF				*	*	*	*	*	5-45	1A1A9L15
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-45	1A1A9L16

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5950-813-5725	CHOKE RF:	3480418-3	(24624)	EA	REF			*	*	*	*	*	5-45	1A1A9L17
PAHZZ	5950-764-3188	CHOKE RF:	MS18130-4	(96906)	EA	REF			*	*	*	*	*	5-45	1A1A9L18
PAHZZ	5950-764-3188	CHOKE RF:	MS18130-4	(96906)	EA	REF			*	*	*	*	*	5-45	1A1A9L19
PAHZZ	5950-813-5725	CHOKE RF:	3480418-3	(24624)	EA	REF			*	*	*	*	*	5-45	1A1A9L20
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	26			*	*	*	*	*	5-45	1A1A9MP1
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP2
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP3
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP4
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP5
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP6
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP7
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP8
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP9
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP10
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP11
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP12
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP13
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP14
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP15
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP16
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP17
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP18
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP19
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP20
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP21
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP22
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP23
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP24
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP25
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF			*	*	*	*	*	5-45	1A1A9MP26
AHHHD		PRINTED WIRING BOARD:	4380019-501	(24624)	EA	1								5-45	1A1A9MP27
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	17			*	*	*	*	*	5-45	1A1A9Q1
PAHZZ	5961-780-0036	TRANSISTOR:	ST6212-2	(24624)	EA	1			*	*	*	*	*	5-45	1A1A9Q2
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	6			*	*	*	*	*	5-45	1A1A9Q3
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF			*	*	*	*	*	5-45	1A1A9Q4
PAHZZ	5961-927-6466	TRANSISTOR:	2N2894	(81349)	EA	1			*	*	*	*	*	5-45	1A1A9Q5
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF			*	*	*	*	*	5-45	1A1A9Q6
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF			*	*	*	*	*	5-45	1A1A9Q7
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF			*	*	*	*	*	5-45	1A1A9Q8
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF			*	*	*	*	*	5-45	1A1A9Q9
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF			*	*	*	*	*	5-45	1A1A9Q10
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF			*	*	*	*	*	5-45	1A1A9Q11

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OF REFERENCE DESIGNATION
						PAHZZ	5961-226-8581	TRANSISTOR: 2N964	(81349)	EA	1				
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q13	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q14	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q15	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q16	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q17	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q18	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q19	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q20	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q21	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q22	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q23	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q24	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q25	
PAHZZ	5961-999-7139	TRANSISTOR: 2N2369A	(81349)	EA	REF				*	*	*	*	5-45	1A1A9Q26	
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RC07GF331J	(81349)	EA	6				*	*	*	*	5-45	1A1A9R1	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	3				*	*	*	*	5-45	1A1A9R2	
PAHZZ	5905-776-5313	RESISTOR FXD COMPOSITION: RL20S471J	(81349)	EA	1				*	*	*	*	5-45	1A1A9R3	
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J	(81349)	EA	1				*	*	*	*	5-45	1A1A9R4	
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	9				*	*	*	*	5-45	1A1A9R5	
PAHZZ	5905-801-8272	RESISTOR FXD COMPOSITION: RC07GF511J	(81349)	EA	1				*	*	*	*	5-45	1A1A9R6	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	9				*	*	*	*	5-45	1A1A9R7	
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J	(81349)	EA	9				*	*	*	*	5-45	1A1A9R8	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	1				*	*	*	*	5-45	1A1A9R9	
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J	(81349)	EA	1				*	*	*	*	5-45	1A1A9R10	
PAHZZ	5905-764-6176	RESISTOR VARIABLE: 251-10-1K	(75042)	EA	1				*	*	*	*	5-45	1A1A9R11	
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RC07GF820J	(81349)	EA	2				*	*	*	*	5-45	1A1A9R12	
PAHZZ	5905-994-7133	RESISTOR FXD WW: RW69V750	(81349)	EA	1				*	*	*	*	5-45	1A1A9R13	
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RC07GF271J	(81349)	EA	4				*	*	*	*	5-45	1A1A9C14	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-45	1A1A9R15	
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J	(81349)	EA	8				*	*	*	*	5-45	1A1A9R16	
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J	(81349)	EA	REF				*	*	*	*	5-45	1A1A9R17	
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J	(81349)	EA	8				*	*	*	*	5-45	1A1A9R18	
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	4				*	*	*	*	5-45	1A1A9R19	

REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO., OR REFERENCE DESIGNATION	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	4				*	*	*	*	*	5-45	1A1A9R20
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RCO7GF822S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R21
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RCO7GF821J	(81349)	EA	8				*	*	*	*	*	5-45	1A1A9R22
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RCO7GF821J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R23
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RCO7GF822S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R24
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RCO7GF181J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R25
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RCO7GF273J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R26
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RCO7GF103J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R27
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RCO7GF331J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R28
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RCO7GF391J	(81349)	EA	1				*	*	*	*	*	5-45	1A1A9R29
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCO7GF472S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R30
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RCO7GF472S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R31
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RCO7GF331J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R32
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RCO7GF331J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R33
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RCO7GF331J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R34
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RCO7GF820J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R35
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RCO7GF271J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R36
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RCO7GF103J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R37
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RCO7GF273J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R38
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RCO7GF101J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R39
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RCO7GF181J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R40
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RCO7GF822S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R41
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RCO7GF821J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R42
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RCO7GF821J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R43
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R44
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RCO7GF822S	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R45
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RCO7GF181J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R46
PAHZZ	5905-681-0195	RESISTOR FXD COMPOSITION: RCO7GF562J	(81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R47

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) DOW CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R48
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R49
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R50
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R51
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R52
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R53
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R54
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R55
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RC07GF821J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R56
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RC07GF821J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R57
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R58
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R59
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R60
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R61
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R62
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R63
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R64
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RC07GF271J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R65
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RC07GF271J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R66
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R67
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R68
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R69
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R70
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R71
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RC07GF821J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R72
PAHZZ	5905-696-9996	RESISTOR FXD COMPOSITION: RC07GF821J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R73
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R74
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R75

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J (81349)	EA	REF					
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R77
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R78
PAHZZ	5905-686-3838	RESISTOR FXD COMPOSITION: RC07GF273J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R79
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R80
PAHZZ	5905-882-0055	RESISTOR FXD COMPOSITION: RL20S391J (81349)	EA	1				*	*	*	*	*	5-45	1A1A9R81
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R82
PAHZZ	5905-686-3369	RESISTOR FXD COMPOSITION: RC07GF331J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R83
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION: RC07GF221J (81349)	EA	3				*	*	*	*	*	5-45	1A1A9R84
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION: RC07GF221J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R85
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION: RC07GF221J (81349)	EA	REF				*	*	*	*	*	5-45	1A1A9R86
AHHHD		CIRCUIT CARD ASSY: 5280018-501 (24624)	EA	1									5-46	1A1A10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	8				*	*	*	*	*	5-46	1A1A10CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR4
PAHZZ	5961	SEMICON DEV DIO: 1N745A (81349)	EA	1				*	*	*	*	*	5-46	1A1A10CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR9
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	2				*	*	*	*	*	5-46	1A1A10CR10
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	12				*	*	*	*	*	5-46	1A1A10CR11
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR12
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR13
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR14
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR15
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR17
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR18
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR19
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR20
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR21
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR22
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10CR23
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	8				*	*	*	*	*	5-46	1A1A10C1

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP (NTGCT)	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5910-932-4455	CAPACITOR FXD ELECTROLYTIC: CS13BE156KM (81349)	EA	1					
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	3				*	*	*	*	*	5-46	1A1A10C3
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD332J03 (81349)	EA	1				*	*	*	*	*	5-46	1A1A10C5
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	2				*	*	*	*	*	5-46	1A1A10C7
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC: CM10FD391G03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C8
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C9
PAHZZ	5910-118-7902	CAPACITOR FXD MICA DIELECTRIC: CM10CD050D03 (81349)	EA	1				*	*	*	*	*	5-46	1A1A10C10
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	3				*	*	*	*	*	5-46	1A1A10C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	2				*	*	*	*	*	5-46	1A1A10C12
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C13
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	2				*	*	*	*	*	5-46	1A1A10C14
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	2				*	*	*	*	*	5-46	1A1A10C16
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C17
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C18
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C20
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10C22
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C24
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C25
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-46	1A1A10C26
PAHZZ	5961-879-7517	CLAMP TRANSISTOR: DF138 (86684)	EA	1				*	*	*	*	*	5-46	1A1A10MP1
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14 (96906)	EA	2				*	*	*	*	*	5-46	1A1A10MP1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	4				*	*	*	*	*	5-46	1A1A10MP1H4
PAHZZ	5910-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*	5-46	1A1A10MP1H2
PAHZZ	5310	NUT PLAIN HEX: MS35649-244 (96906)	EA	2				*	*	*	*	*	5-46	1A1A10MP1H2
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	11				*	*	*	*	*	5-46	1A1A10MP2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP (NTGCTY)	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						USABLE OM CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP3
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP4
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP5
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP6
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP7
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP8
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP9
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP10
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP11
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP12
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	7				*	*	*	*	*	5-46	1A1A10MP14
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP15
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP16
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP17
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP18
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP19
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-46	1A1A10MP20
AHHHD		PRINTED WIRING BOARD:			EA	1									5-46	1A1A10MP21
		4380018-501		(24624)												
PAHZZ	5961-752-5229	TRANSISTOR:	2N404	(81349)	EA	3				*	*	*	*	*	5-46	1A1A10Q1
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	4				*	*	*	*	*	5-46	1A1A10Q2
PAHZZ	5961-990-4604	TRANSISTOR:	2N1184B	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10Q3
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q4
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	6				*	*	*	*	*	5-46	1A1A10Q5
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q6
PAHZZ	5961-752-5229	TRANSISTOR:	2N404	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q7
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	4				*	*	*	*	*	5-46	1A1A10Q8
PAHZZ	5961-752-5229	TRANSISTOR:	2N404	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q9
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q10
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q11
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q12
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q13
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q14
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q15
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q16
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q17
PAHZZ	5961-226-8581	TRANSISTOR:	2N964	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10Q18
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10Q19
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RC07GF682J		(81349)	EA	2				*	*	*	*	*	5-46	1A1A10R1
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J		(81349)	EA	3				*	*	*	*	*	5-46	1A1A10R2
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J		(81349)	EA	3				*	*	*	*	*	5-46	1A1A10R3

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SIR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-775-0633	RESISTOR FXD FILM: RL20S561J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R4
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R5
PAHZZ	5905-944-0770	RESISTOR FXD FILM: RL32S330J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R6
PAHZZ	5905-691-0195	RESISTOR FXD FILM: RC07GF562J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R7
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	3				*	*	*	*	*	5-46	1A1A10R8
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R9
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R10
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R11
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R13
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R14
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R15
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	4				*	*	*	*	*	5-46	1A1A10R16
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	3				*	*	*	*	*	5-46	1A1A10R17
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R18
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R19
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R20
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R21
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R22
PAHZZ	5905-900-3559	RESISTOR FXD FILM: RL20S271J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R23
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R24
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R25
PAHZZ	5905-767-3209	RESISTOR FXD FILM: RL20S821J (81349)	EA	1				*	*	*	*	*	5-46	1A1A10R26
PAHZZ	5905-681-9969	RESISTOR FXD FILM: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R27
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R28
PAHZZ	5905-975-1267	RESISTOR FXD FILM: RL32S391J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R29
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R30
PAHZZ	5905-687-0000	RESISTOR FXD COMPOSITION: RC07GF183J (81349)	EA	2				*	*	*	*	*	5-46	1A1A10R31
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	RIF				*	*	*	*	*	5-46	1A1A10R32
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J (81349)	EA	RIF				*	*	*	*	*	5-46	1A1A10R33
PAHZZ	5905-686-3356	RESISTOR FXD COMPOSITION: RC07GF823J (81349)	EA	4				*	*	*	*	*	5-46	1A1A10R34

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5905-686-3356	RESISTOR FXD COMPOSITION: RC07GF823J	(81349)	EA	REF				
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R36
PAHZZ	5905-686-3356	RESISTOR FXD COMPOSITION: RC07GF823J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R37
PAHZZ	5905-686-3356	RESISTOR FXD COMPOSITION: RC07GF823J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10R39
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION: RC07GF392J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R40
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R41
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R42
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10R43
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10R44
PAHZZ	5905-975-1267	RESISTOR FXD FILM: RL32S391J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R45
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R46
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R47
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R48
PAHZZ	5905-687-0000	RESISTOR FXD COMPOSITION: RC07GF183J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R49
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R50
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R51
PAHZZ	5905-828-4139	RESISTOR FXD FILM: RL32S121J	(81349)	EA	1				*	*	*	*	*	5-46	1A1A10R52
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J	(81349)	EA	2				*	*	*	*	*	5-46	1A1A10R53
PAHZZ	5905-686-3738	RESISTOR FXD COMPOSITION: RC07GF182J	(81349)	EA	REF				*	*	*	*	*	5-46	1A1A10R54
AHHHD		CIRCUIT CARD ASSY: 5280019-501	(24624)	EA	1									5-47	1A1A11
PAHZZ	5961-752-6121	SEMICON DEV DIO: 1N753A	(81349)	EA	2				*	*	*	*	*	5-47	1A1A11CR1
PAHZZ	5961-892-3544	SEMICON DEV DIO: 1N755A	(81349)	EA	4				*	*	*	*	*	5-47	1A1A11CR2
PAHZZ	5961-892-3544	SEMICON DEV DIO: 1N755A	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR3
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	4				*	*	*	*	*	5-47	1A1A11CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	10				*	*	*	*	*	5-47	1A1A11CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR6
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR10
PAHZZ	5961-752-6121	SEMICON DEV DIO: 1N753A	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR11
PAHZZ	5961-892-3544	SEMICON DEV DIO: 1N755A	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR12
PAHZZ	5961-892-3544	SEMICON DEV DIO: 1N755A	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR13

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMF CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR19
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11CR20
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	2				*	*	*	*	*	5-47	1A1A11C2
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	2				*	*	*	*	*	5-47	1A1A11C3
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	12				*	*	*	*	*	5-47	1A1A11C4
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C5
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	2				*	*	*	*	*	5-47	1A1A11C6
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03	(81349)	EA	2				*	*	*	*	*	5-47	1A1A11C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C9
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C10
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03	(81349)	EA	4				*	*	*	*	*	5-47	1A1A11C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C13
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C16
PAHZZ	5910-883-4779	CAPACITOR FXD CERAM DIELECTRIC: CK06CW222K	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C18
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C19
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C20
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C21
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C22
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C23
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C24
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C25
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03	(81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C26

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DE POT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C27
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11C28
PAHZZ	5935-919-3242	CONN ELEC RECP: 50-153-0000 (98291)	EA	2				*	*	*	*	*	5-47	1A1A11J1
PAHZZ	5935-919-3242	CONN ELEC RECP: 50-153-0000 (98291)	EA	REF				*	*	*	*	*	5-47	1A1A11J2
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	16				*	*	*	*	*	5-47	1A1A11MP1
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP2
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP3
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP4
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP5
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP6
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP7
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP8
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP9
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP10
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP11
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP12
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP13
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-47	1A1A11MP16
AHHHD		PRINTED WIRING BOARD: 4380010-501 (24624)	EA	1									5-47	1A1A11MP17
PAHZZ	5961-814-6993	TRANSISTOR: 2N3330 (24624)	EA	2				*	*	*	*	*	5-47	1A1A11Q1
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	12				*	*	*	*	*	5-47	1A1A11Q2
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q3
PAHZZ	5961-226-8581	TRANSISTOR: 2N964 (81349)	EA	2				*	*	*	*	*	5-47	1A1A11Q4
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q5
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q6
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q7
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q8
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q9
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q10
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q11
PAHZZ	5961-226-8581	TRANSISTOR: 2N964 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q12
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q13
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q14
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q15
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11Q16
PAHZZ	5905-768-5791	RESISTOR FXD FILM: RL20S184J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R1
PAHZZ	5905-681-9021	RESISTOR FXD COMPOSITION: RC07GF824J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R2
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	10				*	*	*	*	*	5-47	1A1A11R3

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R4
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	6				*	*	*	*	*	5-47	1A1A11R5
PAHZZ	5905-764-6167	RESISTOR VARIABLE: 251-10-1K (75042)	EA	2				*	*	*	*	*	5-47	1A1A11R6
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: RC07GF471J (81349)	EA	4				*	*	*	*	*	5-47	1A1A11R7
PAHZZ	5905-769-0656	RESISTOR FXD FILM: RN60D5360F (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R8
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R9
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RC07GF271J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R10
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R11
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: RC07GF471J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R12
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R13
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R14
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R15
PAHZZ	5905-681-3121	RESISTOR FXD COMPOSITION: RC07GF820J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R16
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R17
PAHZZ	5905-767-3210	RESISTOR FXD FILM: RL20S820J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R18
PAHZZ	5905-763-5324	RESISTOR FXD FILM: RN60D4020F (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R19
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	10				*	*	*	*	*	5-47	1A1A11R20
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R21
PAHZZ	5905-905-4032	RESISTOR FXD FILM: RL20S121J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R22
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R23
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R24
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R25
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	2				*	*	*	*	*	5-47	1A1A11R26
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R27
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	4				*	*	*	*	*	5-47	1A1A11R28
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R29
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R31
PAHZZ	5905-681-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	4				*	*	*	*	*	5-47	1A1A11R32
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R33

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
						1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R34
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R35
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)		EA	2				*	*	*	*	*	5-47	1A1A11R36
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)		EA	2				*	*	*	*	*	5-47	1A1A11R37
PAHZZ	5905-768-5791	RESISTOR FXD FILM: RL20S184J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R38
PAHZZ	5905-681-9021	RESISTOR FXD COMPOSITION: RC07GF824J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R39
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R40
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R41
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R42
PAHZZ	5905-764-6176	RESISTOR VARIABLE: 251-10-1K (75042)		EA	REF				*	*	*	*	*	5-47	1A1A11R43
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: RC07GF471J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R44
PAHZZ	5905-769-0656	RESISTOR FXD FILM: RN60D5360F (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R45
PAHZZ	5905-683-7723	RESISTOR FXD COMPOSITION: RC07GF152J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R46
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION: RC07GF271J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R47
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION: RC07GF272J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R48
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: RC07GF471J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R49
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R50
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R51
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION: RC07GF681J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R52
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RC07GF820J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R53
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R54
PAHZZ	5905-767-3210	RESISTOR FXD FILM: RL20S820J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R55
PAHZZ	5905-763-5324	RESISTOR FXD FILM: RN60D4020F (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R56
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R57
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R58
PAHZZ	5905-905-4032	RESISTOR FXD FILM: RL20S121J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R59
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R60
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R61
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R62
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)		EA	REF				*	*	*	*	*	5-47	1A1A11R63

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R64
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R65
PAHZZ	5905-691-0195	RESISTOR FXD COMPOSITION: RC07GF562J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R66
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R67
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R69
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R70
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R71
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R72
PAHZZ	5905-683-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R73
PAHZZ	5905-723-5251	RESISTOR FXD COMPOSITION: RC07GF222J (81349)	EA	REF				*	*	*	*	*	5-47	1A1A11R74
AHHND		CIRCUIT CARD ASSY: 5280020-501 (24624)	EA	5									5-48	1A1A12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	26				*	*	*	*	*	5-48	1A1A12CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR24
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR27
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR28
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR29
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR32
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR35

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
							USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR38	
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12CR41	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	8				*	*	*	*	*	5-48	1A1A12C1	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C2	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	8				*	*	*	*	*	5-48	1A1A12C3	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C4	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C5	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C6	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C7	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C8	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C9	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C10	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C11	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C12	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C13	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C14	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD121J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C15	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10FD271J03	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C16	
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC:	CK62AW822M	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12C17	
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC:	CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12C18	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10ED470J03	(81349)	EA	1				*	*	*	*	*	5-48	1A1A12C19	
PAHZZ	5960-999-7135	INDICATOR:	85025	(83594)	EA	1				*	*	*	*	*	5-48	1A1A12DS1	
AHHHD		BRACKET ASSY:	3380134-502	(24624)	EA	1									5-48	1A1A12MP1	
PAHZZ	5305-054-5648	SCREW MACHINE:	MS51957-14	(96906)	EA	2				*	*	*	*	*		1A1A12MP1H2	
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	2				*	*	*	*	*		1A1A12MP1H2	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	13				*	*	*	*	*	5-48	1A1A12MP2	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP3	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP4	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP5	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP6	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP7	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP8	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP9	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
							1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP10
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP11
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP12
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP13
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP14
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	5				*	*	*	*	*	5-48	1A1A12MP15
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP16
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP17
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP18
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A12MP19
AHHHD		PRINTED WIRING BOARD:	4380016-501	(24624)	EA	1									5-48	1A1A12MP20
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	4				*	*	*	*	*	5-48	1A1A12Q1
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q2
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q3
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q4
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	5				*	*	*	*	*	5-48	1A1A12Q5
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q6
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q7
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q8
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A12Q9
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	9				*	*	*	*	*	5-48	1A1A12Q10
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q11
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q12
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q13
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q14
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q15
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q16
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q17
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12Q18
PAHZZ	5905-730-0296	RESISTOR FXD FILM:	RL42S303G	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12R1
PAHZZ	5905-768-5932	RESISTOR FXD FILM:	RL20S204J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12R2
PAHZZ	5905-768-5932	RESISTOR FXD FILM:	RL20S204J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R3
PAHZZ	5905-730-0296	RESISTOR FXD FILM:	RL42S303G	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R4
PAHZZ	5905-767-3212	RESISTOR FXD FILM:	RL20S622J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12R5
PAHZZ	5905-767-3212	RESISTOR FXD FILM:	RL20S622J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R6
PAHZZ	5905-774-3125	RESISTOR FXD FILM:	RL20S183J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION:	RC07GF333J	(81349)	EA	10				*	*	*	*	*	5-48	1A1A12R8
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION:	RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R9
PAHZZ	5905-774-3125	RESISTOR FXD FILM:	RL20S183J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R10
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION:	RC07GF104J	(81349)	EA	7				*	*	*	*	*	5-48	1A1A12R11

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY REQ IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R12
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	2				*	*	*	*	*	5-48	1A1A12R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R16
PAHZZ	5905-110-7762	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	7				*	*	*	*	*	5-48	1A1A12R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	5				*	*	*	*	*	5-48	1A1A12R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	11				*	*	*	*	*	5-48	1A1A12R19
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R20
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	*	5-48	1A1A12R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	18				*	*	*	*	*	5-48	1A1A12R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	FA	REF				*	*	*	*	*	5-48	1A1A12R41

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

SMP CODE	FEDERAL STOCK NUMBER	DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	UNIT OF MEAS	QTY INC IN SMT	30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE			1 YR ALW PER EQUIP CNTGCTY	DEPOT MAINT ALW PER 100 EQUIP	(a) FIG NO.	(b) ITEM NO. OF REFERENCE DESIGNATION
						(a)	(b)	(c)	(a)	(b)	(c)				
						1-20	21-50	51-100	1-20	21-50	51-100				
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	3				*	*	*	*	*	5-48	1A1A12R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R43
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R44
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R45
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R46
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R47
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	4				*	*	*	*	*	5-48	1A1A12R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R51
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R54
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R57
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R58
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R61
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	2				*	*	*	*	*	5-48	1A1A12R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R64
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R65
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R66
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A12R69

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOC NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE UNIT MFR. CODE	51 UNIT REF. IN MFR.	16 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OF REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R70	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R71	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R72	
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	2				*	*	*	*	5-48	1A1A12R73	
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	1				*	*	*	*	5-48	1A1A12R74	
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	5-48	1A1A12R75	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R76	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R77	
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R78	
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R79	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R80	
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102S (81349)	EA	REF				*	*	*	*	5-48	1A1A12R81	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R82	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A12R83	
AHHZZ		CIRCUIT CARD ASSY: 5280020-501 (24624)	EA	REF								5-48	1A1A13	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	26				*	*	*	*	5-48	1A1A13CR1	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR2	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR3	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR4	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR5	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR6	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR7	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR8	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR9	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR10	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR11	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR12	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR13	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR14	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR15	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR16	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR18	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR21	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR24	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR27	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR28	
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	5-48	1A1A13CR29	

SECTION IV REPAIR FOR DIRECT SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

SYMBOL	FEDERAL STOCK NUMBER	DESCRIPTION	USABLE UNIT CODE	UNIT REFERENCE	MAINT ALLOWANCE	30-DAY GS MAINT ALLOWANCE			EQUIV. MAINT. ALLOWANCE	DEPOT MAINT. ALLOWANCE	ILLUSTRATION NO.	ITEM NO. OR REFERENCE DESIGNATION
						(a)	(b)	(c)				
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13CR32
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13CR35
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13CR38
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13CR41
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	8	*	*	*	*	*	5-48	1A1A13C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	8	*	*	*	*	*	5-48	1A1A13C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C16
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	2	*	*	*	*	*	5-48	1A1A13C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03	(81349)	EA	1	*	*	*	*	*	5-48	1A1A13C19
PAHZZ	5960-999-7135	INDICATOR: B5025	(83594)	EA	1	*	*	*	*	*	5-48	1A1A13DS1
PAHZZ		BRACKET ASSY: 3380134-502	(24624)	EA	1	*	*	*	*	*	5-48	1A1A13MP1
PAHZZ	5305-24-0403	SCREW MACHINE: MS1957-14	(96906)	EA	2	*	*	*	*	*		1A1A13MP1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	2	*	*	*	*	*		1A1A13MP1H2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	13	*	*	*	*	*	5-48	1A1A13MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP6
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP7

SECTION IV REPAIR PARTS AND SUPPLIES FOR THE AIRCRAFT AND DEPOT MAINTENANCE CONTINUED

PART NUMBER	DESCRIPTION	QUANTITY	UNIT OF MEASURE	EFFECTIVE DATE	REF	CROSS-REFERENCING					ILLUSTRATION NO.	TEMP. REF. DESIG.
						1-20	1-21	1-22	1-23	1-24		
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP8	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP9	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP10	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP11	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP12	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP13	
PAHZZ 5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP14	
PAHZZ 5961	PAD TRANSISTOR: 10206N	(07047)	EA	5	*	*	*	*	*	5-48	1A1A13MP15	
PAHZZ 5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP16	
PAHZZ 5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP17	
PAHZZ 5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP18	
PAHZZ 5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	5-48	1A1A13MP19	
AHHHZ	PRINTED WIRING BOARD: 4380016-501	(24624)	EA	1						5-48	1A1A13MP20	
PAHZZ 5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	4	*	*	*	*	*	5-48	1A1A13Q1	
PAHZZ 5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q2	
PAHZZ 5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q3	
PAHZZ 5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q4	
PAHZZ 5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	5	*	*	*	*	*	5-48	1A1A13Q5	
PAHZZ 5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q6	
PAHZZ 5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q7	
PAHZZ 5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q8	
PAHZZ 5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF	*	*	*	*	*	5-48	1A1A13Q9	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	9	*	*	*	*	*	5-48	1A1A13Q10	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q11	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q12	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q13	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q14	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q15	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q16	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q17	
PAHZZ 5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13Q18	
PAHZZ 5905-730-0296	RESISTOR FXD FILM: RL42S303G	(81349)	EA	2	*	*	*	*	*	5-48	1A1A13R1	
PAHZZ 5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	2	*	*	*	*	*	5-48	1A1A13R2	
PAHZZ 5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13R3	
PAHZZ 5905-730-0296	RESISTOR FXD FILM: RL42S303J	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13R4	
PAHZZ 5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	2	*	*	*	*	*	5-48	1A1A13R5	
PAHZZ 5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13R6	
PAHZZ 5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	2	*	*	*	*	*	5-48	1A1A13R7	
PAHZZ 5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	10	*	*	*	*	*	5-48	1A1A13R8	
PAHZZ 5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13R9	
PAHZZ 5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	REF	*	*	*	*	*	5-48	1A1A13R10	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					1-20	21-50	51-100	1-20	21-50	51-100				
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	7				*	*	*	*	*	5-48	1A1A13R11
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R12
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	2				*	*	*	*	*	5-48	1A1A13R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R16
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	7				*	*	*	*	*	5-48	1A1A13R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	5				*	*	*	*	*	5-48	1A1A13R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	11				*	*	*	*	*	5-48	1A1A13R19
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R20
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	*	5-48	1A1A13R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R40

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE UN CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	3				*	*	*	*	*	5-48	1A1A13R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R43
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R44
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R45
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R46
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R47
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	4				*	*	*	*	*	5-48	1A1A13R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R51
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R54
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R57
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R58
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R61
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	2				*	*	*	*	*	5-48	1A1A13R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R64
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R65
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R66
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R69

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMB CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R70
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R72
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	2				*	*	*	*	*	5-48	1A1A13R73
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	1				*	*	*	*	*	5-48	1A1A13R74
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R76
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R77
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R78
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R79
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R80
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R81
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R82
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A13R83
AHHZZ	6625-813-9816	CIRCUIT CARD ASSY: 5280020-501 (24624)	EA	REF									5-48	1A1A14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	26				*	*	*	*	*	5-48	1A1A14CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR24
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR27
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR28
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR29

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR32
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR35
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR38
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14CR41
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	8				*	*	*	*	*	5-48	1A1A14C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	8				*	*	*	*	*	5-48	1A1A14C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C16
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	2				*	*	*	*	*	5-48	1A1A14C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14C19
PAHZZ	5960-999-7135	INDICATOR: B5025 (83594)	EA	1				*	*	*	*	*	5-48	1A1A14DS1
AHHZZ		BRACKET ASSY: 3380134-502 (24624)	EA	1									5-48	1A1A14MP1
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14 (96906)	EA	2				*	*	*	*	*		1A1A14MP1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	2				*	*	*	*	*		1A1A14MP1H2
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	13				*	*	*	*	*	5-48	1A1A14MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP6
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP7

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS.	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PFR EQUIP ENTYCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP9
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP10
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP11
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP12
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP13
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	5				*	*	*	*	*	5-48	1A1A14MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP16
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP17
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP18
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A14MP19
AHHZZ		PRINTED WIRING BOARD: 4380016-501	(24624)	EA	1									5-48	1A1A14MP20
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	4				*	*	*	*	*	5-48	1A1A14Q1
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q2
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q3
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q4
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	5				*	*	*	*	*	5-48	1A1A14Q5
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q6
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q7
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q8
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-48	1A1A14Q9
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	9				*	*	*	*	*	5-48	1A1A14Q10
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q11
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q12
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q13
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q14
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q15
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q16
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q17
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14Q18
PAHZZ	5905-730-0196	RESISTOR FXD FILM: RL42S303G	(81349)	EA	2				*	*	*	*	*	5-48	1A1A14R1
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A14R2
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R3
PAHZZ	5905-730-0196	RESISTOR FXD FILM: RL42S303G	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R4
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A14R5
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R6
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A14R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	10				*	*	*	*	*	5-48	1A1A14R8
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R9
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R10

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 PER EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	7					
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R12	
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	2				*	*	*	*	5-48	1A1A14R13	
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R16	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	7				*	*	*	*	5-48	1A1A14R17	
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	5				*	*	*	*	5-48	1A1A14R18	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	11				*	*	*	*	5-48	1A1A14R19	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R20	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	5-48	1A1A14R21	
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R22	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R23	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R24	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	5-48	1A1A14R25	
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R26	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R27	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R28	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	5-48	1A1A14R29	
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R30	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R31	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R32	
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	5-48	1A1A14R33	
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R34	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R35	
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R36	
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	5-48	1A1A14R37	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	18				*	*	*	*	5-48	1A1A14R38	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R39	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R40	
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	5-48	1A1A14R41	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SYM CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	3				*	*	*	*	*	5-48	1A1A14R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R43
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R44
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R45
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R46
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R47
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	4				*	*	*	*	*	5-48	1A1A14R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R51
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R54
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R57
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R58
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R61
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	2				*	*	*	*	*	5-48	1A1A14R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R64
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R65
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R66
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A14R69

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTCTCY	(9) DFPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R70		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R71		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R72		
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	2	*	*	*	*	*	*	5-48	1A1A14R73		
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	1	*	*	*	*	*	*	5-48	1A1A14R74		
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R75		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R76		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R77		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R78		
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R79		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R80		
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R81		
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R82		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A14R83		
AHHZZ	6625-813-9816	CIRCUIT CARD ASSY: 5280020-501 (24624)	EA	REF							5-48	1A1A15		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	26	*	*	*	*	*	*	5-48	1A1A15CR1		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR2		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR3		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR4		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR5		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR6		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR7		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR8		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR9		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR10		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR11		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR12		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR13		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR14		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR15		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR16		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR18		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR21		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR24		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR27		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR28		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR29		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE OR CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DEFINITION
						PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF			*	*
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR35		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR38		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15CR41		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	8	*	*	*	*	*	*	5-48	1A1A15C1		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C2		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	8	*	*	*	*	*	*	5-48	1A1A15C3		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C4		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C5		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C6		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C7		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C8		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C9		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C10		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C11		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C12		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C13		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C14		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C15		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C16		
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	2	*	*	*	*	*	*	5-48	1A1A15C17		
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15C18		
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03	(81349)	EA	1	*	*	*	*	*	*	5-48	1A1A15C19		
PAHZZ	5960-999-7135	INDICATOR: B5025	(83594)	EA	1	*	*	*	*	*	*	5-48	1A1A15DS1		
AHHZZ		BRACKET ASSY: 3380134-502	(24624)	EA	1	*	*	*	*	*	*	5-48	1A1A15MP1		
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14	(96906)	EA	2	*	*	*	*	*	*	5-48	1A1A15MP1H2		
PAHZZ	3310-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	2	*	*	*	*	*	*	5-48	1A1A15MP1H2		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	13	*	*	*	*	*	*	5-48	1A1A15MP2		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP3		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP4		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP5		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP6		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP7		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP8		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP9		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF			*	*
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP11		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP12		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP13		
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP14		
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	5	*	*	*	*	*	*	5-48	1A1A15MP15		
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP16		
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP17		
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP18		
PAHZZ	5961	PAD TRANSISTOR: 10206N	(81349)	EA	REF	*	*	*	*	*	*	5-48	1A1A15MP19		
PAHZZ		PRINTED WIRING BOARD: 4380016-501	(24624)	EA	1							5-48	1A1A15MP20		
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	4				*	*	*	5-48	1A1A15Q1		
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	5-48	1A1A15Q2		
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	5-48	1A1A15Q3		
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	5-48	1A1A15Q4		
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	5				*	*	*	5-48	1A1A15Q5		
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	5-48	1A1A15Q6		
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	5-48	1A1A15Q7		
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	5-48	1A1A15Q8		
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	5-48	1A1A15Q9		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	9				*	*	*	5-48	1A1A15Q10		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q11		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q12		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q13		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q14		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q15		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q16		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A16Q17		
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	REF				*	*	*	5-48	1A1A15Q18		
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G	(81349)	EA	2				*	*	*	5-48	1A1A15R1		
PAHZZ	5905-768-5832	RESISTOR FXD FILM: RL20S204J	(81349)	EA	2				*	*	*	5-48	1A1A15R2		
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	REF				*	*	*	5-48	1A1A15R3		
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G	(81349)	EA	REF				*	*	*	5-48	1A1A15R4		
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	2				*	*	*	5-48	1A1A15R5		
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	REF				*	*	*	5-48	1A1A15R6		
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	2				*	*	*	5-48	1A1A15R7		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	10				*	*	*	5-48	1A1A15R8		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	5-48	1A1A15R9		
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	REF				*	*	*	5-48	1A1A15R10		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	7				*	*	*	5-48	1A1A15R11		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) S/N CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF					
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	2				*	*	*	*	*	5-48	1A1A15R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R16
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	7				*	*	*	*	*	5-48	1A1A15R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	5				*	*	*	*	*	5-48	1A1A15R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	11				*	*	*	*	*	5-48	1A1A15R19
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R20
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R33
PAHZZ	5905-681-9969	RESISTOR FD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	*	5-48	1A1A15R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	18				*	*	*	*	*	5-48	1A1A15R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R41
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R42

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF					
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R44
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R45
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R46
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R47
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	4				*	*	*	*	*	5-48	1A1A15R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R51
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R54
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R57
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R58
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R61
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	2				*	*	*	*	*	5-48	1A1A15R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R64
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R65
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R66
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R70

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) S/P CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)			(7)			(8) 1 YR ALW PER EQUIP CATEGORY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					30-DAY GS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(11) FIG NO.	(12) ITEM NO. OR REFERENCE DESIGNATION
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R72
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	2				*	*	*	*	*	5-48	1A1A15R73
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	1				*	*	*	*	*	5-48	1A1A15R74
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF622S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R76
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R77
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R78
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R79
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R80
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R81
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R82
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A15R83
AHHZZ	6625-813-9816	CIRCUIT CARD ASSY: 5280020-501 (24624)	EA	REF									5-48	1A1A16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	26				*	*	*	*	*	5-48	1A1A16CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR16
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR18
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR21
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR24
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR27
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR28
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR29
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR32

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a)	(b)	(c)	(a)	(b)	(c)			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
							1-20	21-50	51-100	1-20	21-50	51-100				
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR35
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR38
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16CR41
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	8				*	*	*	*	*	5-48	1A1A16C1
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	8				*	*	*	*	*	5-48	1A1A16C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C6
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD271J03		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C16
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M		(81349)	EA	2				*	*	*	*	*	5-48	1A1A16C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M		(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03		(81349)	EA	1				*	*	*	*	*	5-48	1A1A16C19
PAHZZ	5960-999-7135	INDICATOR:	B5025	(83594)	EA	1				*	*	*	*	*	5-48	1A1A16DS1
AHHZZ		BRACEP ASSEY:	3380134-502	(24624)	EA	1				*	*	*	*	*	5-48	1A1A16MP1
PAHZZ	5305-054-5648	SCREW MACHINE:	MS51957-14	(96906)	EA	2				*	*	*	*	*	5-48	1A1A16MP1H2
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	2				*	*	*	*	*	5-48	1A1A16MP1H2
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	13				*	*	*	*	*	5-48	1A1A16MP2
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP3
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP4
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP5
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP6
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP7
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP8

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP9
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP10
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP11
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP12
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP13
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	5				*	*	*	*	*	5-48	1A1A16MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP16
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP17
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP18
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-48	1A1A16MP19
J.J.		PRINTED WIRING BOARD: 4380016-301 (24624)	EA	1									5-48	1A1A16MP20
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526 (24624)	EA	4				*	*	*	*	*	5-48	1A1A16Q1
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q2
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q3
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q4
PAHZZ	5961-814-6967	TRANSISTOR: 3N83 (24624)	EA	5				*	*	*	*	*	5-48	1A1A16Q5
PAHZZ	5961-814-6967	TRANSISTOR: 3N83 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q6
PAHZZ	5961-814-6967	TRANSISTOR: 3N83 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q7
PAHZZ	5961-814-6967	TRANSISTOR: 3N83 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q8
PAHZZ	5961-814-6967	TRANSISTOR: 3N83 (24624)	EA	REF				*	*	*	*	*	5-48	1A1A16Q9
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	9				*	*	*	*	*	5-48	1A1A16Q10
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q11
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q12
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q13
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q14
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q15
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q16
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q17
PAHZZ	5961-892-0800	TRANSISTOR: 2N1304 (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16Q18
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G (81349)	EA	2				*	*	*	*	*	5-48	1A1A16R1
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J (81349)	EA	2				*	*	*	*	*	5-48	1A1A16R2
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R3
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R4
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J (81349)	EA	2				*	*	*	*	*	5-48	1A1A16R5
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R6
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S622J (81349)	EA	2				*	*	*	*	*	5-48	1A1A16R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	10				*	*	*	*	*	5-48	1A1A16R8
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R9
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R10
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	7				*	*	*	*	*	5-48	1A1A16R11

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CATG	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J	(81349)	EA	2				*	*	*	*	*	5-48	1A1A16R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R16
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	7				*	*	*	*	*	5-48	1A1A16R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	5				*	*	*	*	*	5-48	1A1A16R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	11				*	*	*	*	*	5-48	1A1A16R19
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R20
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J	(81349)	EA	1				*	*	*	*	*	5-48	1A1A16R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	18				*	*	*	*	*	5-48	1A1A16R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R41

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL SYMBOL NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CATEGORY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(11) FIG NO.	(12) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-104-8350	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	3				*	*	*	*	*	5-48	1A1A16R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R43
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G6823S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R44
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R45
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R46
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R47
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	4				*	*	*	*	*	5-48	1A1A16R48
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R51
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G6823S (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R54
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R55
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R56
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R57
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R58
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R61
PAHZZ	5905 114 0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	2				*	*	*	*	*	5-48	1A1A16R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R64
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R65
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R66
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R67
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R68
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-48	1A1A16R70

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNGCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R72
PAHZZ	5905-901-4016	RESISTOR FXD FILM: RL20S102J	(81349)	EA	2				*	*	*	*	5-48	1A1A16R73
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	1				*	*	*	*	5-48	1A1A16R74
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R75
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R76
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R77
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R78
PAHZZ	5905-726-4413	RESISTOR FXD COMPOSITION: RC07GF123J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R79
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R80
PAHZZ	5905-901-4106	RESISTOR FXD FILM: RL20S102J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R81
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R82
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	5-48	1A1A16R83
AHHHD		CIRCUIT CARD ASSY: 5280020-502	(24624)	EA	2								5-49	1A1A17
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	16				*	*	*	*	5-49	1A1A17CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	26				*	*	*	*	5-49	1A1A17CR17
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR18
PAHZZ	5961-814-0768	SEMICON DEV IDO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR19
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR20
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR21
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR22
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	5-49	1A1A17CR23

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SFR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR25
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR26
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR27
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR28
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR29
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR30
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR31
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR32
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR33
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR34
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR35
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR36
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR37
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR38
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR39
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR40
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR41
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17CR42
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	8				*	*	*	*	*	5-49	1A1A17C1
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	8				*	*	*	*	*	5-49	1A1A17C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C5
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C6
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C9
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C10
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C13
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C14
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C15
PAHZZ	5901	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C16

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SIC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CATGY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	2				*	*	*	*	*	5-49	1A1A17C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03	(81349)	EA	1				*	*	*	*	*	5-49	1A1A17C19
PAHZZ	5960-999-7135	INDICATOR: B5025	(83594)	EA	1				*	*	*	*	*	5-49	1A1A17DS1
PAHZZ		BRACKET ASSY: 3380134-502	(24624)	EA	1				*	*	*	*	*	5-49	1A1A17MP1
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14	(96906)	EA	2				*	*	*	*	*	5-49	1A1A17MP1H2
PAHZZ	5910-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	2				*	*	*	*	*	5-49	1A1A17MP1H2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	5				*	*	*	*	*	5-49	1A1A17MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP6
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	13				*	*	*	*	*	5-49	1A1A17MP7
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP8
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP9
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP10
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP11
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP12
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP13
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP16
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP17
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP18
PAHZZ	5961	PAD TRANSISTOR: 10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A17MP19
AHHHD		PRINTED WIRING BOARD: 4380016-502	(24624)	EA	1									5-49	1A1A17MP20
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	4				*	*	*	*	*	5-49	1A1A17Q1
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q2
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q3
PAHZZ	5961-814-6958	TRANSISTOR: 2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q4
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	5				*	*	*	*	*	5-49	1A1A17Q5
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q6
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q7
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q8
PAHZZ	5961-814-6967	TRANSISTOR: 3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A17Q9
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	8				*	*	*	*	*	5-49	1A1A17Q10
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17Q11
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17Q12
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17Q13
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17Q14

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE, CONTINUED

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS.	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF			*	*
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17Q16		
PAHZZ	5961-842-6937	TRANSISTOR: 2N706	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17Q17		
PAHLZ	5961-892-0800	TRANSISTOR: 2N1304	(81349)	EA	1	*	*	*	*	*	*	5-49	1A1A17Q18		
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R1		
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R2		
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R3		
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R4		
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R5		
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R6		
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R7		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R8		
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R9		
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R10		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	7	*	*	*	*	*	*	5-49	1A1A17R11		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R12		
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R13		
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J	(81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R16		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	13	*	*	*	*	*	*	5-49	1A1A17R17		
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	5	*	*	*	*	*	*	5-49	1A1A17R18		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	11	*	*	*	*	*	*	5-49	1A1A17R19		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R20		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R21		
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R22		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R23		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R24		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R25		
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R26		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R27		
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R28		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R29		
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R30		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SAR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR BLW PER EQUIP ENTGCP	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J	(81349)	EA	1				*	*	*	*	*	5-49	1A1A17R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07CF103J	(81349)	EA	10				*	*	*	*	*	5-49	1A1A17R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R41
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	5				*	*	*	*	*	5-49	1A1A17R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R43
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R44
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R45
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	8				*	*	*	*	*	5-49	1A1A17R46
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R47
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	4				*	*	*	*	*	5-49	1A1A17R48
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R51
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R54
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R55
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R56
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R57
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A17R58

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SYM CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R59		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R60		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R61		
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R62		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R63		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R64		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R65		
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R66		
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R67		
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R68		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R69		
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R70		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R71		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R72		
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J (81349)	EA	2	*	*	*	*	*	*	5-49	1A1A17R73		
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	1	*	*	*	*	*	*	5-49	1A1A17R74		
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R75		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R76		
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R77		
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R78		
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R79		
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R80		
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R81		
PAHZZ	5905-114-0711	RESISTOR FXD FILM: RC07GF472S (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R82		
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A17R83		
AHHD	6625-813-9819	CIRCUIT CARD ASSY: 5280020-502 (24624)	EA	REF							5-49	1A1A18		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	16	*	*	*	*	*	*	5-49	1A1A18CR1		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A18CR2		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A18CR3		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A18CR4		
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF	*	*	*	*	*	*	5-49	1A1A18CR5		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	26				*	*	*	*	*	5-49	1A1A18CR17
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR18
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR19
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR20
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR21
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR22
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR23
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR24
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR25
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR26
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR27
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR28
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR29
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR30
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR31
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR32
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR33
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR34
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR35
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR36
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR37
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR38
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR39
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR40
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR41
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18CR42
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)		EA	8				*	*	*	*	*	5-49	1A1A18C1
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03	(81349)		EA	REF				*	*	*	*	*	5-49	1A1A18C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)		EA	8				*	*	*	*	*	5-49	1A1A18C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03	(81349)		EA	REF				*	*	*	*	*	5-49	1A1A18C4

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR BEM PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	FA	REF				*	*	*	*	*	5-49	1A1A18C5
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C6
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C9
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C10
PAHZZ	5910-934-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C12
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C13
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C14
PAHZZ	5910-935-3490	CAPACITOR FXD MICA DIELECTRIC: CM10ED220J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED390J03 (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C16
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	2				*	*	*	*	*	5-49	1A1A18C17
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	1				*	*	*	*	*	5-49	1A1A18C19
PAHZZ	5960-999-7135	INDICATOR: B5025 (83594)	EA	1				*	*	*	*	*	5-49	1A1A18DS1
AREJL		BRACKET ASSY: 3380134-502 (24624)	EA	1									5-49	1A1A18MP1
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14 (96906)	EA	2				*	*	*	*	*		1A1A18MP1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	2				*	*	*	*	*		1A1A18MP1H2
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	5				*	*	*	*	*	5-49	1A1A18MP2
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP3
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP4
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP5
PAHZZ	5961	PAD TRANSISTOR: 10001N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP6
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	13				*	*	*	*	*	5-49	1A1A18MP7
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP8
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP9
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP10
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP11
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP12
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP13
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP14
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP15
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP16
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP17

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP18
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-49	1A1A18MP19
AMHL		PRINTED WIRING BOARD:	4380016-502	(24624)	EA	1									5-49	1A1A18MP20
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	4				*	*	*	*	*	5-49	1A1A18Q1
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q2
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q3
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q4
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	5				*	*	*	*	*	5-49	1A1A18Q5
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q6
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q7
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q8
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-49	1A1A18Q9
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	8				*	*	*	*	*	5-49	1A1A18Q10
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q11
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q12
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q13
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q14
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q15
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q16
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18Q17
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	1				*	*	*	*	*	5-49	1A1A18Q18
PAHZZ	5905-730-0296	RESISTOR FXD FILM:	RL42S303G	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R1
PAHZZ	5905-768-5932	RESISTOR FXD FILM:	RL20S204J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R2
PAHZZ	5905-768-5932	RESISTOR FXD FILM:	RL20S204J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R3
PAHZZ	5905-730-0296	RESISTOR FXD FILM:	RL42S303G	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R4
PAHZZ	5905-767-3212	RESISTOR FXD FILM:	RL20S622J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R5
PAHZZ	5905-767-3212	RESISTOR FXD FILM:	RL20S622J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R6
PAHZZ	5905-774-3125	RESISTOR FXD FILM:	RL20S183J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION:	RC07GF333J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R8
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION:	RC07GF333J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R9
PAHZZ	5905-774-3125	RESISTOR FXD FILM:	RL20S183J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R10
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION:	RC07GF104J	(81349)	EA	7				*	*	*	*	*	5-49	1A1A18R11
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION:	RC07GF104J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R12
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION:	RC07GF124J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION:	RC07CF124J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R16
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION:	RCR07G682JS	(81349)	EA	13				*	*	*	*	*	5-49	1A1A18R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION:	RC07GF332J	(81349)	EA	5				*	*	*	*	*	5-49	1A1A18R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION:	RC07GF102J	(81349)	EA	11				*	*	*	*	*	5-49	1A1A18R19

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF					
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R34
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	*	5-49	1A1A18R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	10				*	*	*	*	*	5-49	1A1A18R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R41
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	5				*	*	*	*	*	5-49	1A1A18R42
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R43
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R44
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R45
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	8				*	*	*	*	*	5-49	1A1A18R46
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R47

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CATGORY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	4				*	*	*	*	*	5-49	1A1A18R48
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R49
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R50
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R51
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R52
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R53
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R54
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R55
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R56
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R57
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R58
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R60
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R61
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R62
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R63
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R64
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R65
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R66
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R67
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R68
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R69
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R70
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R71
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R72
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J	(81349)	EA	2				*	*	*	*	*	5-49	1A1A18R73
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J	(81349)	EA	1				*	*	*	*	*	5-49	1A1A18R74
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R75
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R76

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS. USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CMTY	(9) DEPOT MAINT ALW PER JDD EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(11) FIG NO.	(12) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R77
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R78
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R79
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R80
PAHZZ	5905-767-2842	RESISTOR FXD FILM: RL20S681J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R81
PAHZZ	5905-114-0711	RESISTOR FXD FILM: RC07GF472S (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R82
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-49	1A1A18R83
AHHD		CIRCUIT CARD ASSY: 5280021-501 (24624)	EA	1									5-50	1A1A19
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	16				*	*	*	*	*	5-50	1A1A19CR1
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR2
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR3
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR4
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR5
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR6
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR7
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR8
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR9
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR10
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR11
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR12
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR13
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR14
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR15
PAHZZ	5961-615-0095	SEMICON DEV DIO: 1N276 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR16
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	2				*	*	*	*	*	5-50	1A1A19CR17
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19CR18
PAHZZ	5961-847-5240	SEMICON DEV DIO: 1N746A (81349)	EA	1				*	*	*	*	*	5-50	1A1A19CR19
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03 (81349)	EA	1				*	*	*	*	*	5-50	1A1A19C1
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	3				*	*	*	*	*	5-50	1A1A19C2
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	2				*	*	*	*	*	5-50	1A1A19C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED470J03 (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19C4
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19C5
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC: CK62AW822M (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19C6
PAHZZ	5960-999-7135	INDICATOR: B5025 (83594)	EA	1				*	*	*	*	*	5-50	1A1A19DS1
AHHD		BRACKET ASSY: 4380015-501 (24624)	EA	1									5-50	1A1A19MP1
PAHZZ	5305-054-5648	SCREW MACHINE: MS51957-14 (96906)	EA	2				*	*	*	*	*		1A1A19MP1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	2				*	*	*	*	*		1A1A19MP1H2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION		(4) UNIT O- MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT PER 100 EQUIP	(10) ILLUSTRATIONS			
						USABLE ON CODE	REFERENCE NUMBER & MFR. CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20			(b) 21-50	(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	13				*	*	*	*	*	5-50	1A1A19MP2	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP3	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP4	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP5	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP6	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP7	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP8	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP9	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP10	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP11	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP12	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP13	
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP14	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	7				*	*	*	*	*	5-50	1A1A19MP15	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP16	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP17	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP18	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP19	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP20	
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-50	1A1A19MP21	
PAHZZ		BRACKET ASSY:	4380015-501	(24624)	EA	1				*	*	*	*	*	5-50	1A1A19MP22	
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	4				*	*	*	*	*	5-50	1A1A19Q1	
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q2	
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q3	
PAHZZ	5961-814-6958	TRANSISTOR:	2N3526	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q4	
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	5				*	*	*	*	*	5-50	1A1A19Q5	
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q6	
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q7	
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q8	
PAHZZ	5961-814-6967	TRANSISTOR:	3N83	(24624)	EA	REF				*	*	*	*	*	5-50	1A1A19Q9	
PAHZZ	5961-226-8581	TRANSISTOR:	2N964	(81349)	EA	1				*	*	*	*	*	5-50	1A1A19Q10	
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	1				*	*	*	*	*	5-50	1A1A19Q11	
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	5				*	*	*	*	*	5-50	1A1A19Q12	
PAHZZ	5961-837-7262	TRANSISTOR:	2N697	(81349)	EA	4				*	*	*	*	*	5-50	1A1A19Q13	
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q14	
PAHZZ	5961-837-7262	TRANSISTOR:	2N697	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q15	
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q16	
PAHZZ	5961-837-7262	TRANSISTOR:	2N697	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q17	
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q18	
PAHZZ	5961-837-7262	TRANSISTOR:	2N697	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q19	
PAHZZ	5961-892-0800	TRANSISTOR:	2N1304	(81349)	EA	REF				*	*	*	*	*	5-50	1A1A19Q20	
PAHZZ	5905-730-0296	RESISTOR FXD FILM:	RL42S303G	(81349)	EA	2				*	*	*	*	*	5-50	1A1A19R1	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) LINE ITEM	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R2
PAHZZ	5905-768-5932	RESISTOR FXD FILM: RL20S204J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R3
PAHZZ	5905-730-0296	RESISTOR FXD FILM: RL42S303G (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R4
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R5
PAHZZ	5905-767-3212	RESISTOR FXD FILM: RL20S622J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R6
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R7
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R8
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R9
PAHZZ	5905-774-3125	RESISTOR FXD FILM: RL20S183J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R10
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	7				*	*	*	*	*	5-50	1A1A19R11
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R12
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R13
PAHZZ	5905-686-9993	RESISTOR FXD COMPOSITION: RC07GF124J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R16
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	5				*	*	*	*	*	5-50	1A1A19R17
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	5				*	*	*	*	*	5-50	1A1A19R18
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	13				*	*	*	*	*	5-50	1A1A19R19
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R20
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R21
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R22
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R23
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R24
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R25
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R26
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R27
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R28
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R30
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R31
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R32
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R33
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R34

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP ENTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO., OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R35
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R36
PAHZZ	5905-681-8819	RESISTOR FXD COMPOSITION: RC07GF184J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R37
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	4				*	*	*	*	*	5-50	1A1A19R38
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R39
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R40
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	2				*	*	*	*	*	5-50	1A1A19R41
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	7				*	*	*	*	*	5-50	1A1A19R42
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R43
PAHZZ	5905-768-5922	RESISTOR FXD FILM: RL20S152J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R44
PAHZZ	5905-688-3738	RESISTOR FXD COMPOSITION: RC07GF182J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R45
PAHZZ	5905-905-4032	RESISTOR FXD FILM: RL20S121J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R46
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: RC07GF471J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R47
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION: RC07GF122J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R48
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION: RC07GF820J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R49
PAHZZ	5905-775-0633	RESISTOR FXD FILM: RL20S561J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R50
PAHZZ	5905-110-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R51
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: RC07GF472S (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R52
PAHZZ	5905-687-0002	RESISTOR FXD COMPOSITION: RC07GF223J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R53
PAHZZ	5905-776-5313	RESISTOR FXD FILM: RL20S471J (81349)	EA	1				*	*	*	*	*	5-50	1A1A19R54
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R55
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	5				*	*	*	*	*	5-50	1A1A19R56
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R57
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	4				*	*	*	*	*	5-50	1A1A19R58
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R59
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R60
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R61
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R62
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R63
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R64

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					USABLE ON CODE	EA	REF	EA	REF	EA			REF	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-681-6462	RESISOTR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R65	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R66	
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R67	
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R68	
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R69	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R70	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R71	
PAHZZ	5905-800-0179	RESISTOR FXD COMPOSITION: RC07GF563J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R72	
PAHZZ	5905-686-3358	RESISTOR FXD COMPOSITION: RCR07G393JS (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R73	
PAHZZ	5905-104-8358	RESISTOR FXD COMPOSITION: RC07GF822S (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R74	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R75	
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-50	1A1A19R76	
AHHZZ		ATTENUATOR ASSY: 4280267-501 (24624)	EA	1									5-50	1A1A24	
AHHHD		CIRCUIT CARD ASSY: 4280108-501 (24624)	EA	1									5-51	1A1A20	
PAHZZ	5961-852-7549	SEMICON DEV DIO: 1N754A (81349)	EA	1				*	*	*	*	*	5-51	1A1A20CR5	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	1				*	*	*	*	*	5-51	1A1A20CR6	
PAHZZ	5961-847-5240	SEMICON DEV DIO: 1N746A (81349)	EA	1				*	*	*	*	*	5-51	1A1A20CR7	
PAHZZ	5910-435-6389	CAPACITOR FXD MICA DIELECTRIC: CM10CD100D03 (81349)	EA	1				*	*	*	*	*	5-51	1A1A20C18	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED820J03 (81349)	EA	1				*	*	*	*	*	5-51	1A1A20C20	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	4				*	*	*	*	*	5-51	1A1A20C21	
PAHZZ	5910-777-6928	CAPACITOR FXD ELECTROLYTIC: CS13BD335K (81349)	EA	2				*	*	*	*	*	5-51	1A1A20C23	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-51	1A1A20C25	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-51	1A1A20C26	
PAHZZ	5910	CAPACITOR FXE MICA DIELECTRIC: CM10FD101J03 (81349)	EA	1				*	*	*	*	*	5-51	1A1A20C28	
PAHZZ	5910-771-8970	CAPACITOR FXD ELECTROLYTIC: CS13BB337K (81349)	EA	1				*	*	*	*	*	5-51	1A1A20C29	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03 (81349)	EA	2				*	*	*	*	*	5-51	1A1A20C30	
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-51	1A1A20C31	
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC: CM10CD180J03 (81349)	EA	REF				*	*	*	*	*	5-51	1A1A20C32	
PAHZZ	5910-777-6928	CAPACITOR FXD ELECTROLYTIC: CS13BD335K (81349)	EA	REF				*	*	*	*	*	5-51	1A1A20C45	
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	4				*	*	*	*	*	5-51	1A1A20MP1	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-51	1A1A20MP2
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-51	1A1A20MP3
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-51	1A1A20MP4
AHHHD		PRINTED WIRING BOARD:	3380035-501	(24624)	EA	1									5-51	1A1A20MP5
PAHZZ	5961-226-8581	TRANSISTOR:	2N964	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20Q5
PAHZZ	5961-814-6993	TRANSISTOR:	2N3330	(24624)	EA	1				*	*	*	*	*	5-51	1A1A20Q6
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	2				*	*	*	*	*	5-51	1A1A20Q7
PAHZZ	5961-999-7139	TRANSISTOR:	2N2369A	(81349)	EA	REF				*	*	*	*	*	5-51	1A1A20Q8
PAHZZ	5905-828-4038	RESISTOR FXD FILM:	RL32S121J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R8
PAHZZ	5905-686-9996	RESISTOR FXD COMPOSITION:	RC07GF821J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R9
PAHZZ	5905-995-4779	RESISTOR FXD FILM:	RN65D1104F	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R10
PAHZZ	5905-768-5932	RESISTOR FXD FILM:	RL20S204J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R11
PAHZZ	5905-900-0814	RESISTOR FXD FILM:	RL20S331J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION:	RC07GF102J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R13
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION:	RC07GF221J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R15
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION:	RCR07G682JS	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R16
PAHZZ	5905-682-4098	RESISTOR FXD COMPOSITION:	RC07GF392J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R17
PAHZZ	5905-683-2236	RESISTOR FXD COMPOSITION:	RC07GF391J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R18
PAHZZ	5905-725-6995	RESISTOR FXD COMPOSITION:	RC07GF271J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R19
PAHZZ	5905-686-3121	RESISTOR FXD COMPOSITION:	RC07GF820J	(81349)	EA	1				*	*	*	*	*	5-51	1A1A20R20
AHHZZ		SWITCH ASSY:	4280283-501	(24624)	EA	1									5-10	1A1A21
PAHZZ	5961-615-0095	SEMICON DEV DIO:	1N276	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21CR1
PAHZZ	5910-435-8796	CAPACITOR FXD MICA DIELECTRIC:	CM05FD181J03	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	BS1C	(00656)	EA	1				*	*	*	*	*	5-10	1A1A21C17
PAHZZ	5910-902-0031	CAPACITOR FXD MICA DIELECTRIC:	CM05CD050D03	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM05ED330J03	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21C19
PAHZZ	5910-051-6214	CAPACITOR FXD CERAM DIELECTRIC:	CR60BX2R2K	(61349)	EA	1				*	*	*	*	*	5-10	1A1A21C21
PAHZZ	5975	FERRITE BEAD:	3480427-1	(02114)	EA	4				*	*	*	*	*	5-10	1A1A21E1
PAHZZ	5975	FERRITE BEAD:	3480427-1	(02114)	EA	REF				*	*	*	*	*	5-10	1A1A21E2
PAHZZ	5975	FERRITE BEAD:	3480427-1	(02114)	EA	REF				*	*	*	*	*	5-10	1A1A21E3
PAHZZ	5975	FERRITE BEAD:	3480427-1	(02114)	EA	REF				*	*	*	*	*	5-10	1A1A21E4
PAHZZ	5905-889-0475	RESISTOR FXD FILM:	RN60D9093F	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21R2
PAHZZ	5905-683-9993	RESISTOR FXD COMPOSITION:	RC07GF124J	(81349)	EA	1				*	*	*	*	*	5-10	1A1A21R3
PAHZZ	5905-681-8817	RESISTOR FXD COMPOSITION:	RC07GF105J	(81349)	EA	2				*	*	*	*	*	5-10	1A1A21R4

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) FSC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNITS OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	1				*	*	*	*	*	5-10	1A1A21R5
PAHZZ	5905-681-8817	RESISTOR FXD COMPOSITION: RC07GF105J (81349)	EA	REF				*	*	*	*	*	5-10	1A1A21R6
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	1				*	*	*	*	*	5-10	1A1A21R7
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J (81349)	EA	1				*	*	*	*	*	5-10	1A1A21R4 ⁶
PAHZZ	5930-814-6853	SWITCH ROTARY: 3480400-501 (24624)	EA	1				*	*	*	*	*	5-10	1A1A21S7
AHHZZ		ATTENUATOR VARIABLE: 4280284-501 (24624)	EA	1									5-11	1A1A22
PAHZZ	5910-902-0335	CAPACITOR FXD MICA DIELECTRIC: CM05CD100D03 (81349)	EA	2				*	*	*	*	*	5-11	1A1A22C34
PAHZZ	5910-051-6214	CAPACITOR FXD CERAM DIELECTRIC: CK60BX2R2K (81349)	EA	1				*	*	*	*	*	5-11	1A1A22C35
PAHZZ	5910-460-0868	CAPACITOR FXD MICA DIELECTRIC: CM05FD101J03 (81349)	EA	1				*	*	*	*	*	5-11	1A1A22C36
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD821J03 (81349)	EA	2				*	*	*	*	*	5-11	1A1A22C37
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD821J03 (81349)	EA	REF				*	*	*	*	*	5-11	1A1A22C38
PAHZZ	5905-902-0335	CAPACITOR FXD MICA DIELECTRIC: CM05CD100D03 (81349)	EA	REF				*	*	*	*	*	5-11	1A1A22C46
PAHZZ	5975	PLATE GROUNDING: 3180131-1 (24624)	EA	1				*	*	*	*	*	5-11	1A1A22E1
PAHZZ	5905-067-5576	RESISTOR FXD FILM: RN60D6813F (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R21
PAHZZ	5905-225-9389	RESISTOR FXD FILM: RM60D5113F (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R22
PAHZZ	5905-057-9659	RESISTOR FXD FILM: RN70D9093 (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R23
PAHZZ	5905-225-9393	RESISTOR FXD FILM: RN60D1103F (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R24
PAHZZ	5905-078-8799	RESISTOR FXD FILM: RN70D9763F (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R25
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R26
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)	EA	3				*	*	*	*	*	5-11	1A1A22R27
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R28
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)	EA	REF				*	*	*	*	*	5-11	1A1A22R29
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R30
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)	EA	REF				*	*	*	*	*	5-11	1A1A22R31
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R32
PAHZZ	5905-814-6910	RESISTOR VARIABLE: 3480404-1 (24624)	EA	1				*	*	*	*	*	5-11	1A1A22R33
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)	EA	1				*	*	*	*	*	5-11	1A1A22R50
PAHZZ	5930-814-6847	SWITCH ROTARY: 3480216-1 (24624)	EA	1				*	*	*	*	*	5-11	1A1A22S8
AHHZZ		ATTENUATOR ASSY: 4280285-501 (24624)	EA	1									5-12	1A1A23
PAHZZ	5910-902-0335	CAPACITOR FXD MICA DIELECTRIC: CM05CD100D03 (81349)	EA	2				*	*	*	*	*	5-12	1A1A23C40
PAHZZ	5910-051-6214	CAPACITOR FXD CERAM DIELECTRIC: CK60BX2R2K (81349)	EA	1				*	*	*	*	*	5-12	1A1A23C41
PAHZZ	5910-460-0868	CAPACITOR FXD MICA DIELECTRIC: CM05FD101J03 (81349)	EA	1				*	*	*	*	*	5-12	1A1A23C42
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD821J03 (81349)	EA	2				*	*	*	*	*	5-12	1A1A23C43

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM06FD821J03 (81349)		EA	REF				
PAHZZ	5910-902-0335	CAPACITOR FXD MICA DIELECTRIC: CM05CD100J03 (81349)		EA	REF				*	*	*	*	*	5-12	1A1A23C47
PAHZZ	5975	PLATE GROUNDING: 3180131-1 (24624)		EA	1				*	*	*	*	*	5-12	1A1A23E2
PAHZZ	5905-067-5576	RESISTOR FXD FILM: RN60D6813F (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R34
PAHZZ	5905-225-9389	RESISTOR FXD FILM: RN60D5113F (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R35
PAHZZ	5905-057-9659	RESISTOR FXD FILM: RN70D9093F (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R36
PAHZZ	5905-225-9393	RESISTOR FXD FILM: RN60D1103F (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R37
PAHZZ	5905-078-8799	RESISTOR FXD FILM: RN70D9763F (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R38
PAHZZ	5905-686-3903	RESISTOR FXD COMPOSITION: RC07GF333J (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R39
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)		EA	3				*	*	*	*	*	5-12	1A1A23R40
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION: RC07GF103J (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R41
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)		EA	REF				*	*	*	*	*	5-12	1A1A23R42
PAHZZ	5905-681-9969	RESISTOR FXD COMPOSITION: RC07GF332J (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R43
PAHZZ	5905-959-6009	RESISTOR FXD FILM: RN70D1004F (81349)		EA	REF				*	*	*	*	*	5-12	1A1A23R44
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R45
PAHZZ	5905-814-6910	RESISTOR VARIABLE: 3480404-1 (24624)		EA	1				*	*	*	*	*	5-12	1A1A23R46
PAHZZ	5905-686-3129	RESISTOR FXD COMPOSITION: RC07GF104J (81349)		EA	1				*	*	*	*	*	5-12	1A1A23R51
PAHZZ	5930-814-6847	SWITCH ROTARY: 3480216-1 (24624)		EA	1				*	*	*	*	*	5-12	1A1A23S11
AHHBD		MOTOR FAN ASSY: 3480272-501 (24624)		EA	1									5-35	1A1B1
PAHZZ	6105	MOTOR: 3480272-5 (24624)		EA	1				*	*	*	*	*	5-35	1A1B1MP1
PAHZZ	4140	IMPELLER FAN AXIAL: SPL0-435-4 (06812)		EA	1				*	*	*	*	*	5-35	1A1B1MP2
PAHZZ	5910	CAPACITOR FXD PLASTIC DIELECT: CM12A1NE474M (81349)		EA	1				*	*	*	*	*	5-35	1A1C1
PAHZZ	5305-054-6654	SCREW MACHINE: MS51957-30 (96906)		EA	1				*	*	*	*	*		1A1C1H1
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)		EA	3				*	*	*	*	*		1A1C1H1
PAHZZ	5910-919-3949	CAPACITOR FXD ELECTROLYTIC: 500-1042-01 (53021)		EA	1				*	*	*	*	*	5-36	1A1C2
PAHZZ	5305-054-6651	SCREW MACHINE: MS51957-27 (96906)		EA	2				*	*	*	*	*		1A1C2H2
PAHZZ	5305-054-6652	SCREW MACHINE: MS51957-28 (96906)		EA	1				*	*	*	*	*		1A1C2H1
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)		EA	1				*	*	*	*	*		1A1C2H1
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264 (96906)		EA	1				*	*	*	*	*		1A1C2H1
PAHZZ	5910-919-3199	CAPACITOR FXD ELECTROLYTIC: 500-1065-01 (53021)		EA	1				*	*	*	*	*	5-36	1A1C3
PAHZZ	5305-054-6651	SCREW MACHINE: MS51957-27 (96906)		EA	2				*	*	*	*	*		1A1C3H2
PAHZZ	5305-054-6652	SCREW MACHINE: MS51957-28 (96906)		EA	1				*	*	*	*	*		1A1C3H1
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)		EA	1				*	*	*	*	*		1A1C3H1
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264 (96906)		EA	1				*	*	*	*	*		1A1C3H1
PAHZZ	5910-779-8390	CAPACITOR FXD ELECTROLYTIC: CS13BF226K (81349)		EA	1				*	*	*	*	*	5-36	1A1C4
PAHZZ	5910-758-4626	CAPACITOR FXD ELECTROLYTIC: 500-1947-01 (53021)		EA	1				*	*	*	*	*		1A1C5

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UN. T OF MEAS	(5) QTY INC IN UN. T	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTACTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	2				*	*	*	*	*		1A1C5H2
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*		1A1C5H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1C5H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1C5H1
PAHZZ	5910-779-8404	CAPACITOR FXD ELECTROLYTIC:	CE44C101P	(81349)	EA	2				*	*	*	*	*	5-36	1A1C6
PAHZZ	5910-917-5418	CAPACITOR FXD ELECTROLYTIC:	CE41C101N	(81349)	EA	1				*	*	*	*	*	5-36	1A1C7
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	2				*	*	*	*	*		1A1C7H2
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*		1A1C7H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1C7H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1C7H1
PAHZZ	5910-779-8404	CAPACITOR FXD ELECTROLYTIC:	CE44C101P	(81349)	EA	1				*	*	*	*	*	5-36	1A1C8
PAHZZ	5910-253-5213	CAPACITOR FXD ELECTROLYTIC:	CS13BC127K	(81249)	EA	1				*	*	*	*	*	5-36	1A1C9
PAHZZ	5910-813-5733	CAPACITOR FXD CERAMIC DIELECTR:	3480451-1	(96233)	EA	2				*	*	*	*	*	5-14	1A1C11
PAHZZ	5910-813-5733	CAPACITOR FXD CERAMIC DIELECTR:	3480451-1	(96233)	EA	REF				*	*	*	*	*	5-14	1A1C12
PAHZZ	5910	CAPACITOR FXD PAPER DIELECTRIC:	CP05A1KF104K1	(81349)	EA	3				*	*	*	*	*		1A1C20
PAHZZ	5910	CAPACITOR FXD PAPAER CIELECTRIC:	CP05A1KF104K1	(81349)	EA	REF				*	*	*	*	*		1A1C33
PAHZZ	5910	CAPACITOR FXD PAPER DIELECTRIC:	CP04A1KF104K1	(81349)	EA	REF				*	*	*	*	*	5-9	1A1C39
PAHZZ	5910-932-4455	CAPACITOR FXD ELECTROLYTIC:	CS13BE156KM	(81349)	EA	2				*	*	*	*	*	5-36	1A1C40
PAHZZ	5910-932-4455	CAPACITOR FXD ELECTROLYTIC:	CS13BE156KM	(81349)	EA	REF				*	*	*	*	*	5-36	1A1C41
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM06FD182J03	(81349)	EA	2				*	*	*	*	*	5-36	1A1C42
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM06FD182J03	(81349)	EA	REF				*	*	*	*	*	5-36	1A1C43
PAHZZ	5910-832-8080	CAPACITOR FXD MICA DIELECTRIC:	CM05CD180J03	(81349)	EA	1				*	*	*	*	*	5-36	1A1C44
PAHZZ	5961-850-8449	SEMICON DEV DIO:	1N1124A	(81349)	EA	4				*	*	*	*	*	5-36	1A1CR1
PAHZZ	5970	WASHER INSULATION:	331	(16037)	EA	2				*	*	*	*	*		1A1CR1H2
PAHZZ	5961-850-8449	SEMICON DEV DIO:	1N1124A	(81349)	EA	REF				*	*	*	*	*	5-36	1A1CR2
PAHZZ	5970	WASHER INSULATION:	331	(16037)	EA	2				*	*	*	*	*		1A1CR2H2
PAHZZ	5961-850-8449	SEMICON DEV DIO:	1N1124A	(81349)	EA	REF				*	*	*	*	*	5-36	1A1CR3
PAHZZ	5970	WASHER INSULATION:	331	(16037)	EA	2				*	*	*	*	*		1A1CR3H2
PAHZZ	5961-850-8449	SEMICON DEV DIO:	1N1124A	(81349)	EA	REF				*	*	*	*	*	5-36	1A1CR4
PAHZZ	5970	WASHER INSULATION:	331	(16037)	EA	2				*	*	*	*	*		1A1CR4H2
PAHZZ	5961-814-0768	SEMICON DEV DIO:	1N3064	(81349)	EA	1				*	*	*	*	*	5-36	1A1CR5
PAHZZ	6240-892-4420	LAMP NEON:	MS25252NE2D	(96906)	EA	1				*	*	*	*	*	5-37	1A1DS1
PAHZZ	6210	LIGHT INDIACATOR:	JM9151-050-810TV195	(90898)	EA	1				*	*	*	*	*	5-37	1A1DS2
PAHZZ	6210	LIGHT INDICATOR:	JM9151-050-810TV195	(90898)	EA	1				*	*	*	*	*	5-37	1A1DS3
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08806)	EA	12				*	*	*	*	*	5-37	1A1DS4

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		USABLE ON CODE	(4) UNIT OF MEAS	QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08806)	EA	REF	*	*	*	*	*	*	5-37	1A1DS5		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS6		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS7		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS8		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS9		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS10		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS11		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS12		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS13		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS14		
PAHZZ	6240-781-6874	LAMP NEON:	A1CT	(08006)	EA	REF	*	*	*	*	*	*	5-37	1A1DS15		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	14	*	*	*	*	*	*		1A1E3		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E4		
PAHZZ	5310-935-9765	NUT PLAIN HEX:	MS35650-304	(96906)	EA	1	*	*	*	*	*	*		1A1E3H1		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E5		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E6		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E7		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E8		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E9		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E10		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E11		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E12		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E13		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E14		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E15		
PAHZZ	5940-155-7685	TERMINAL LUG:	1410-10	(83330)	EA	REF	*	*	*	*	*	*		1A1E16		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	8	*	*	*	*	*	*		1A1E17		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E18		
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1	*	*	*	*	*	*		1A1E18H1		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E19		
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1	*	*	*	*	*	*		1A1E19H1		
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1	*	*	*	*	*	*		1A1E19H1		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E20		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E21		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E22		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E23		
PAHZZ	5940-156-7344	TERMINAL LUG:	A26D3235	(83330)	EA	REF	*	*	*	*	*	*		1A1E24		
PAHZZ	5940-786-0011	TERMINAL LUG:	1411-4	(83330)	EA	3	*	*	*	*	*	*		1A1E25		
PAHZZ	5940-786-0011	TERMINAL LUG:	1411-4	(83330)	EA	REF	*	*	*	*	*	*		1A1E26		
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	1	*	*	*	*	*	*		1A1E26H1		
PAHZZ	5940-786-0011	TERMINAL LUG:	1411-4	(83330)	EA	REF	*	*	*	*	*	*		1A1E27		
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	1	*	*	*	*	*	*		1A1E27H1		
PAHZZ	5940-910-3390	TERMINAL LUG:	5407	(86928)	EA	4	*	*	*	*	*	*		1A1E28		
PAHZZ	5940-910-3390	TERMINAL LUG:	5407	(86928)	EA	REF	*	*	*	*	*	*		1A1E29		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) HR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5940-910-3390	TERMINAL LUG:	5407	(86428)	EA	REF	*	*	*	*	*	*		1A1E30	
PAHZZ	5940-910-3390	TERMINAL LUG:	5407	(86428)	EA	REF	*	*	*	*	*	*		1A1E31	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	14	*	*	*	*	*	*		1A1E32	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E33	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E34	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E35	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E36	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E37	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E38	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E39	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E40	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E41	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E42	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E43	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E44	
PAHZZ	5940-490-1159	TERMINAL LUG:	4025-2-0519	(71279)	EA	REF	*	*	*	*	*	*		1A1E45	
PAHZZ	5940	TERMINAL LUG:	333-120H	(79963)	EA	1	*	*	*	*	*	*		1A1E46	
PAHZZ	5305-054-5652	SCREW MACHINE:	MS51957-18	(96906)	EA	1	*	*	*	*	*	*		1A1E46H1	
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	1	*	*	*	*	*	*		1A1E46H1	
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	1	*	*	*	*	*	*		1A1E46H1	
PAHZZ	5940-935-8348	TERMINAL LUG:	5406	(86928)	EA	3	*	*	*	*	*	*		1A1E47	
PAHZZ	5305-054-5648	SCREW MACHINE:	MS51957-14	(96906)	EA	1	*	*	*	*	*	*		1A1E47H1	
PAHZZ	5310-550-3715	WASHER LOCK:	MS35333-70	(96906)	EA	2	*	*	*	*	*	*		1A1E47H2	
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	1	*	*	*	*	*	*		1A1E47H1	
PAHZZ	5940-935-8348	TERMINAL LUG:	5406	(86928)	EA	REF	*	*	*	*	*	*		1A1E48	
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	1	*	*	*	*	*	*		1A1E48H1	
PAHZZ	5940-935-8348	TERMINAL LUG:	5406	(86928)	EA	REF	*	*	*	*	*	*		1A1E49	
PAHZZ	5940	TERMINAL STUD:	4833-1-0516	(71279)	EA	2	*	*	*	*	*	*		1A1E50	
PAHZZ	5940	TERMINAL STUD:	4833-1-0516	(71279)	EA	REF	*	*	*	*	*	*		1A1E51	
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	2	*	*	*	*	*	*		1A1E51H2	
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	2	*	*	*	*	*	*		1A1E51H2	
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1	*	*	*	*	*	*		1A1E51H1	
PAHZZ	5999	CONTACT GROUNDING:	2180256-1	(24624)	EA	1	*	*	*	*	*	*		1A1E52	
PAHZZ	5305-958-2918	SCREW MACHINE:	MS2469C26	(96906)	EA	1	*	*	*	*	*	*		1A1E52H1	
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1	*	*	*	*	*	*		1A1E52H1	
PAHZZ	531-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1	*	*	*	*	*	*		1A1E52H1	
PAHZZ	5915	FILTER LINE:	10B587	(13058)	EA	1	*	*	*	*	*	*	5-37	1A1FL1	
PAHZZ	5305-054-5651	SCREW MACHINE:	MS51957-17	(96906)	EA	4	*	*	*	*	*	*		1A1FLH4	
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	4	*	*	*	*	*	*		1A1FLH4	
PAHZZ	5310-922-8120	WASHER LOCK:	MS35338-138	(96906)	EA	1	*	*	*	*	*	*		1A1FLH1	
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	4	*	*	*	*	*	*		1A1FLH4	
PAHZZ	5310-935-9765	NUT PLAIN HEX:	MS35650-304	(96906)	EA	2	*	*	*	*	*	*		1A1FLH2	

SECTION III REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
																USABLE ON CODE
PAHZZ	5920-777-6473	FUSE CARTRIDGE:	FM01-3A	(81349)	EA	2				*	*	*	*	*	5-38	1A1F1
PAHZZ	5920-777-6473	FUSE CADTRIDGE:	FM01-3A	(81349)	EA	REF				*	*	*	*	*	5-38	1A1F2
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	7				*	*	*	*	*	5-9	1A1J1
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-9	1A1J2
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-9	1A1J3
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-9	1A1J4
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-9	1A1J5
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-37	1A1J6
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL:	MS27035-625B	(96906)	EA	REF				*	*	*	*	*	5-37	1A1J7
PAHZZ	5935	CONNECTOR RECP ELECTRICAL:	(07047) 11613-5MS15S20SP-MPGDF	(96906)	EA	2				*	*	*	*	*	5-35	1A1J8
PAHZZ	5305-054-5648	SCREW MACHINE:	MS51957-14	(96906)	EA	2				*	*	*	*	*		1A1J8H2
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	2				*	*	*	*	*		1A1J8H2
PAHZZ	5935	CONNECTOR RECP ELECTRICAL:	(07047) 11613-5MS15S20SP-MPGDF	(96906)	EA	REF				*	*	*	*	*	5-35	1A1J9
PAHZZ	5305-054-5648	SCREW AMCHINE:	MS51957-14	(96906)	EA	2				*	*	*	*	*		1A1J9H2
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	2				*	*	*	*	*		1A1J9H2
PAHZZ	5935-781-2832	CONNECTOR RECP ELECTRICAL:	5287	(09408)	EA	1				*	*	*	*	*	5-38	1A1J10
PAHZZ	5935-755-5260	CONNECTOR RECP ELECTRICAL:	MS3102R36-8P	(96906)	EA	1				*	*	*	*	*	5-37	1A1J11
PAHZZ	5305-054-6671	SCREW MACHINE:	MS51957-46	(96906)	EA	4				*	*	*	*	*		1A1J11H4
PAHZZ	5310-880-5978	WASHER FLAT:	MS15795-807	(96906)	EA	4				*	*	*	*	*		1A1J11H4
PAHZZ	5310-933-8119	WASHER LOCK:	MS35338-137	(96906)	EA	4				*	*	*	*	*		1A1J11H4
PAHZZ	5310-934-9759	NUT PLAIN HEX:	MS35649-284	(96906)	EA	4				*	*	*	*	*		1A1J11H4
PAHZZ	9340	WINDOW OBSERVATION:	2380115-501	(24624)	EA	1				*	*	*	*	*	5-39	1A1MP1
PAHZZ	6625	HOUSING INDICATOR:	3180145-1	(24624)	EA	1				*	*	*	*	*	5-17	1A1MP2
PAHZZ	5305-054-6659	SCREW MACHINE:	MS51957-35	(96906)	EA	2				*	*	*	*	*		1A1MP2H2
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP2H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	2				*	*	*	*	*		1A1MP2H2
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP2H1
AHHHD		STOP ELECTRICAL:	2180048-1	(24624)	EA	1									5-37	1A1MP3
PAHZZ	5305-054-5638	SCREW MACHINE:	MS51957-4	(96960)	EA	2				*	*	*	*	*		1A1MP3H2
PAHZZ	5310-928-2690	WASHER LOCK:	MS35338-134	(96906)	EA	1				*	*	*	*	*		1A1MP3H2
PAHZZ	5975	PUSHBUTTON:	2180047-1	(24624)	EA	1				*	*	*	*	*	5-37	1A1MP4
PAHZZ	5305-054-5638	SCREW MACHINE:	MS51957-4	(96906)	EA	1				*	*	*	*	*		1A1MP4H1
PAHZZ	5310-928-2690	WASHER LOCK:	MS35338-134	(96906)	EA	2				*	*	*	*	*		1A1MP4H1
PAOZZ	5355-771-7868	KNOB:	2180060-2	(24624)	EA	2				*	*	*	*	*	5-37	1A1MP5
PAOZZ	5355	KNOB:	2180060-3	(24624)	EA	1				*	*	*	*	*	5-37	1A1MP6
PAOZZ	5355	KNOB:	2180060-1	(24624)	EA	1				*	*	*	*	*	5-37	1A1MP7
PAOZZ	5355-725-6095	KNOB:	R5C-1WD1C	(49956)	EA	2				*	*	*	*	*	5-9	1A1MP8

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW FOR EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS								
						USABLE ON CODE	EA	REF	EA	REF	EA			REF	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAOZZ	5355-725-6095	KNOB:	R50-1WD1G	(49956)	EA	REF				*	*	*	*	*	5-9	1A1MP9						
PAOZZ	5355	KNOB:	2180058-1	(24624)	EA	1				*	*	*	*	*	5-9	1A1MP10						
PAOZZ	5355-771-7865	KNOB:	2180059-1	(24624)	EA	2				*	*	*	*	*	5-9	1A1MP11						
PAOZZ	5355-771-7865	KNOB:	2180059-1	(24624)	EA	REF				*	*	*	*	*	5-9	1A1MP12						
PAOZZ	5355-616-9604	KNOB:	MS91528-1P2B	(96906)	EA	1				*	*	*	*	*	5-9	1A1MP13						
PAOZZ	5355-771-7868	KNOB:	2180060-2	(24624)	EA	REF				*	*	*	*	*	5-9	1A1MP14						
AHHHD		COVER FAN:	3380227-501	(24624)	EA	1									5-37	1A1MP15						
PAHZZ	5305-054-6656	SCREW MACHINE:	MS51957-32	(96906)	EA	4				*	*	*	*	*		1A1MP15H4						
AHHHD		GASKET RUBBER:	3180438-2	(24624)	EA	1										1A1MP16						
PAHZZ	5360	SPRING COMPRESS:	2180214-1	(24624)	EA	2				*	*	*	*	*		1A1MP17						
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*		1A1MP17H1						
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP17H1						
PAHZZ	5310-772-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP17H1						
PAHZZ	5360	SPRING COMPRESS:	2180214-1	(24624)	EA	REF				*	*	*	*	*		1A1MP18						
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*		1A1MP18H1						
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP18H1						
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP18H1						
PAHZZ	5325-421-9958	GROMMET RUBBER:	WG201	(95987)	IN	6				*	*	*	*	*		1A1MP19						
PAHZZ	9340	WINDOW INDICATING	2180063-1	(24624)	EA	1				*	*	*	*	*	5-17	1A1MP20						
PAHZZ	5325-276-4205	GROMMET RUBBER:	230	(70485)	EA	3				*	*	*	*	*		1A1MP21						
PAHZZ	5325-276-4205	GROMMET RUBBER:	230	(70485)	EA	REF				*	*	*	*	*		1A1MP22						
PAHZZ	5325-276-4205	GROMMET RUBBER:	230	(70485)	EA	REF				*	*	*	*	*		1A1MP23						
AHHHD		COVER ELECTRICAL CONNECTOR:	MS25043-14C	(96906)	EA	1									5-37	1A1MP24						
AHHHD		COVER ELECTRICAL CONNECTOR:	MS25043-36C	(96906)	EA	1									5-37	1A1MP25						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	7				*	*	*	*	*		1A1MP26						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP27						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP28						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP29						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP30						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP31						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP32						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	3				*	*	*	*	*		1A1MP33						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP34						
PAHZZ	5325-721-7367	GROMMET RUBBER:	MS35490-4	(96906)	EA	REF				*	*	*	*	*		1A1MP35						
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	10				*	*	*	*	*		1A1MP36						
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*		1A1MP36H1						
PAHZZ	5310-655-9401	WASHER D:	D4-140	(95987)	EA	1				*	*	*	*	*		1A1MP36H1						
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP36H1						
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP37						
PAHZZ	5340-680-4084	CLAMP LOOP:	1-4-4-140	(95987)	EA	2				*	*	*	*	*		1A1MP38						
PAHZZ	5305-054-6655	SCREW MACHINE:	MS51957-31	(96906)	EA	1				*	*	*	*	*		1A1MP38H1						

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		USABLE UN CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
							PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA			2	
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	2				*	*	*	*	*		1A1MP38H2
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	3				*	*	*	*	*		1A1MP38H2
PAHZZ		CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP39
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP40
PAHZZ	5305-066-7327	SCREW MACHINE:	MS24693PC28	(96906)	EA	1				*	*	*	*	*		1A1MP40H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP40H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP40H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP40H1
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP41
PAHZZ	5340-687-9645	CLAMP LOOP:	3-8-4-140	(95987)	EA	1				*	*	*	*	*		1A1MP42
PAHZZ	5305-066-7327	SCREW MACHINE:	MS24693PC28	(96906)	EA	1				*	*	*	*	*		1A1MP42H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP42H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP42H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP42H1
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP43
PAHZZ	5305-958-2918	SCREW MACHINE:	MS2469C26	(96906)	EA	1				*	*	*	*	*		1A1MP43H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP43H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP43H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP43H1
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP44
PAHZZ	5305-054-6654	SCREW MACHINE:	MS51957-30	(96906)	EA	1				*	*	*	*	*		1A1MP44H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP44H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP44H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	2				*	*	*	*	*		1A1MP44H2
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP45
PAHZZ	5340-680-4084	CLAMP LOOP:	1-4-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP46
PAHZZ	5305-054-6655	SCREW MACHINE:	MS51957-31	(96906)	EA	1				*	*	*	*	*		1A1MP46H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP46H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP46H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP46H1
PAHZZ	5340-793-6353	CLAMP LOOP:	1-8-4-128	(95987)	EA	1				*	*	*	*	*		1A1MP47
PAHZZ	5340-849-8144	CLAMP LOOP:	477-6	(83930)	EA	1				*	*	*	*	*		1A1MP48
PAHZZ	5340-891-1693	CLAMP LOOP:	477-5	(83930)	EA	1				*	*	*	*	*		1A1MP49
PAHZZ	5310-935-9765	NUT PLAIN HEX:	MS35649-304	(96906)	EA	1				*	*	*	*	*		1A1MP49H1
PAHZZ	5340	CLAMP LOOP:	5-16-4-140	(95987)	EA	1				*	*	*	*	*		1A1MP50
PAHZZ	5340	CLAMP LOOP:	7-16-4-140	(95987)	EA	1				*	*	*	*	*		1A1MP51
PAHZZ	5305-066-7327	SCREW MACHINE:	MS24693PC28	(96906)	EA	1				*	*	*	*	*		1A1MP51H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*		1A1MP51H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP51H1
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP51H1
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*		1A1MP52

SECTION REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) FM NO.	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS.	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5340	CLAMP LOOP:	3-16-4-140	(95987)	EA	REF				*	*	*	*	*	1A1MP53
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*	1A1MP53H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*	1A1MP53H1
PAHZZ	5340-558-7867	CLAMP LOOP:	3-16-4-140	(95987)	EA	1				*	*	*	*	*	1A1MP54
PAHZZ	5305-054-5637	SCREW MACHINE:	MS51957-3	(96906)	EA	1				*	*	*	*	*	1A1MP54H1
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	1				*	*	*	*	*	1A1MP54H1
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	1				*	*	*	*	*	1A1MP54H1
PAHZZ	5340-336-8164	CLAMP LOOP:	HP10N	(09922)	EA	3				*	*	*	*	*	1A1MP55
PAHZZ	5305-054-5637	SCREW MACHINE:	MS51957-3	(96906)	EA	3				*	*	*	*	*	1A1MP55H3
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*	1A1MP55H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*	1A1MP55H1
PAHZZ	5340-336-8164	CLAMP LOOP:	HP10N	(09922)	EA	REF				*	*	*	*	*	1A1MP56
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*	1A1MP56H1
PAHZZ	5340-336-8164	CLAMP LOOP:	HP10N	(09922)	EA	REF				*	*	*	*	*	1A1MP57
PAHZZ	5305-054-6652	SCREW MACHINE:	MS51957-28	(96906)	EA	1				*	*	*	*	*	1A1MP57H1
PAHZZ	5340	CLAMP LOOP:	5-16-4-128	(95987)	EA	1				*	*	*	*	*	1A1MP58
PAHZZ	5305-054-5649	SCREW MACHINE:	MS51957-15	(96906)	EA	1				*	*	*	*	*	1A1MP58H1
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	1				*	*	*	*	*	1A1MP58H1
PAHZZ	5340	CLAMP LOOP:	2180120-1	(24624)	EA	1				*	*	*	*	*	1A1MP59
PAHZZ	5310-058-0513	SPACER:	B215SS0440-7	(06540)	EA	2				*	*	*	*	*	1A1MP60
PAHZZ	5310-058-0513	SPACER:	B215SS0440-7	(06540)	EA	REF				*	*	*	*	*	1A1MP61
PAHZZ	5365	SPACER	1916-2	(71279)	EA	1				*	*	*	*	*	1A1MP62
PAHZZ	5305-054-6656	SCREW MACHINE:	MS51957-32	(96906)	EA	1				*	*	*	*	*	1A1MP62H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*	1A1MP62H1
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	1				*	*	*	*	*	1A1MP62H1
AHHHD		SHIELD RF:	3180124-1	(24624)	EA	1									1A1MP63
PAHZZ	5330-900-0590	GASKET:	73-014	(12881)	EA	1				*	*	*	*	*	1A1MP64
PAHZZ	5330	GASKET:	40-036	(12881)	EA	1				*	*	*	*	*	1A1MP65
PAHZZ	5970	STANDOFF:	2180122-1	(24624)	EA	2				*	*	*	*	*	1A1MP66
PAHZZ	5970	STANDOFF:	2180122-1	(24624)	EA	REF				*	*	*	*	*	1A1MP67
PAHZZ	5310-225-8959	SPACER:	B215SS0632-7	(06540)	EA	5				*	*	*	*	*	1A1MP68
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1				*	*	*	*	*	1A1MP68H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*	1A1MP68H1
PAHZZ	5310-225-8959	SPACER:	B215SS0632-7	(06540)	EA	REF				*	*	*	*	*	1A1MP69
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1				*	*	*	*	*	1A1MP69H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*	1A1MP69H1
PAHZZ	5310-225-8959	SPACER:	B215SS0632-7	(06540)	EA	REF				*	*	*	*	*	1A1MP70
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1				*	*	*	*	*	1A1MP70H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*	1A1MP70H1
PAHZZ	5310-225-8959	SPACER:	B215SS0632-7	(06540)	EA	REF				*	*	*	*	*	1A1MP71
PAHZZ	5304-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1				*	*	*	*	*	1A1MP71H1
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	4				*	*	*	*	*	1A1MP71H1

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SHP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS				
						USABLE UN CODE	EA	REF	(a) 1-20	(b) 21-50	(c) 51-100			(a) 1-20	(b) 21-50	(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5310-225-8959	SPACER:	8215550632-7	(06540)	EA	REF				*	*	*	*	*		1A1MP72		
PAHZZ	5910-498-3552	BRACKET CAPACITOR MTG:	115058-06	(00853)	EA	3				*	*	*	*	*		1A1MP73		
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	1				*	*	*	*	*		1A1MP73H1		
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP73H1		
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP73H1		
PAHZZ	5910-498-3552	BRACKET CAPACITOR MTG:	115058-06	(00853)	EA	REF				*	*	*	*	*		1A1MP74		
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	1				*	*	*	*	*		1A1MP74H1		
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP74H1		
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP74H1		
PAHZZ	5910-498-3552	BRACKET CAPACITOR MTG:	115058-06	(00853)	EA	REF				*	*	*	*	*		1A1MP75		
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	1				*	*	*	*	*		1A1MP75H1		
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP75H1		
PAHZZ	5310-934-9761	NUT PLAIN HEX:	MS35649-264	(96906)	EA	1				*	*	*	*	*		1A1MP75H1		
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	1				*	*	*	*	*		1A1MP72H1		
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	1				*	*	*	*	*		1A1MP72H1		
AHHHD		ADAPTER ASSY:	3280668-501	(24624)		1										1A1MP73		
AHHHD		ADAPTER:	3280668-1	(24624)	EA	1										1A1MP73MP1		
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	2				*	*	*	*	*		1A1MP73MP1H2		
PAHZZ	5305-814-1707	SCREW MACHINE:	NAS662C2R4	(80205)	EA	2				*	*	*	*	*		1A1MP73MP1H2		
PAHZZ	5310-812-4294	NUT PLAIN HEX:	NAS671C2	(80205)	EA	2				*	*	*	*	*		1A1MP73MP1H2		
PAHZZ	5310-928-2690	WASHER LOCK:	MS35338-134	(96906)	EA	2				*	*	*	*	*		1A1MP73MP1H2		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	19				*	*	*	*	*		1A1MP74		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP75		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP76		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP77		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP78		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP79		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP80		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP81		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP82		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP83		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP84		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP85		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP86		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP87		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP88		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP89		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP90		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(95238)	EA	REF				*	*	*	*	*		1A1MP91		
PAHZZ	5935-430-6656	KEY POLARIZING:	602-18	(5238)	EA	REF				*	*	*	*	*		1A1MP92		
PAHZZ	5935	CONNECTOR PLUG:	50-107-0000	(98291)	EA	3				*	*	*	*	*	5-35	1A1P1		

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SWM CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CMTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5935	CONNECTOR PLUG: 5-107-0000 (98291)	EA	REF				*	*	*	*	*	5-35	1A1P2
PAHZZ	5935	CONNECTOR PLUG: 5-107-0000 (98291)	EA	REF				*	*	*	*	*	5-35	1A1P3
PAHZZ	5905	RESISTOR VARIABLE: 6546 (71450)	EA	1				*	*	*	*	*	5-37	1A1R1
PAHZZ	5905-686-9993	RESISTOR FXD COMP: RC07GF124J (81349)	EA	2				*	*	*	*	*	5-35	1A1R47
PAHZZ	5905-686-9993	RESISTOR FXD COMP: RC07GF124J (81349)	EA	REF				*	*	*	*	*	5-35	1A1R48
PAHZZ	5905-682-4106	RESISTOR FXD CO: RC07GF560J (81349)	EA	1				*	*	*	*	*	5-36	1A1R49
PAHZZ	5905-903-6863	RESISTOR FXD WW: RE65G1R50 (81349)	EA	1				*	*	*	*	*	5-36	1A1R50
PAHZZ	5305-054-5638	SCREW MACHINE: MS51957-4 (96906)	EA	2				*	*	*	*	*		1A1R50H2
PAHZZ	5310-929-2690	WASHER LOCK: MS35338-134 (96906)	EA	2				*	*	*	*	*		1A1R50H2
PAHZZ	5930	SWITCH ROTARY: 42YY23488-245 (81073)	EA	1				*	*	*	*	*	5-37	1A1S1
PAHZZ	5930	SWITCH ROTARY: PA045 (71590)	EA	1				*	*	*	*	*	5-37	1A1S2
PAHZZ		SWITCH ROTARY: 6509 (71450)	EA	REF				*	*	*	*	*	5-37	1A1S3
PAHZZ	5930	SWITCH ROTARY: 6509 (71450)	EA	1				*	*	*	*	*	5-37	1A1S4
PAHZZ		SWITCH ROTARY: 6509 (71450)	EA	REF				*	*	*	*	*	5-37	1A1S5
PAHZZ	5930-615-1383	SWITCH PUSH: 3480409-1 (24624)	EA	1				*	*	*	*	*	5-37	1A1S6
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	2				*	*	*	*	*		1A1S6H2
PAHZZ	5930-892-9714	SWITCH TOGGLE: MS24656-231 (96906)	EA	1				*	*	*	*	*		1A1S9
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A1S9H1
PAHZZ	5930-225-7111	SWITCH TOGGLE: MS24655-231 (96906)	EA	3				*	*	*	*	*	5-9	1A1S10
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A1S10H1
PAHZZ	5930-225-7111	SWITCH TOGGLE: MS24655-231 (96906)	EA	REF				*	*	*	*	*	5-9	1A1S12
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A1S12H1
PAHZZ	5930-225-7111	SWITCH TOGGLE: MS24655-231 (96906)	EA	REF				*	*	*	*	*	5-37	1A1S13
PAHZZ	5950	TRANSFORMER POWER: 6704 (21645)	EA	1				*	*	*	*	*	5-35	1A1T1
PAHZZ	5940	TERMINAL BOARD: 3480411-1 (24624)	EA	1				*	*	*	*	*	5-17	1A1TB1
PAHZZ	5940	TERMINAL BOARD: 3480412-1 (24624)	EA	1				*	*	*	*	*	5-36	1A1TB2
PAHZZ	5940	TERMINAL BOARD: 2380062-501 (24624)	EA	1				*	*	*	*	*	5-36	1A1TB3
PAHZZ	5995	WIRING HARNESS: 2280318-501 (24624)	EA	1				*	*	*	*	*		1A1W1
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	18				*	*	*	*	*	5-36	1A1XA1
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA1H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA1H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA2
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA2H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	1				*	*	*	*	*		1A1XA2H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA3
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA3H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA3H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA4
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA4H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA4H2

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF					
PAHZZ	5305-054-5652	SCREW MACHINE: MS51957-18 (96906)	EA	1				*	*	*	*	*		1A1XA5H1
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	1				*	*	*	*	*		1A1XA5H1
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA5H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA6
PAHZZ	5305-054-5652	SCREW MACHINE: MS51957-18 (96906)	EA	2				*	*	*	*	*		1A1XA6H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA6H2
PAHZZ	5935-904-0779	CONNECTOR RECP ELECTRICAL: M21097-1-166 (81349)	EA	1				*	*	*	*	*	5-37	1A1XA7
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA7H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA7H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA8
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA8H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA8H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA9
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA9H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA9H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA10
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA10H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-15 (96906)	EA	2				*	*	*	*	*		1A1XA10H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA11
PAHZZ	5305-054-5652	SCREW MACHINE: MS51957-18 (96906)	EA	1				*	*	*	*	*		1A1XA11H1
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	1				*	*	*	*	*		1A1XA11H1
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA11H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA12
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA12H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA12H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA13
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA13H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA13H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA14
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA14H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA14H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA15
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA15H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA15H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA16

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL SPEC NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA16H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA16H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA17
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA17H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA17H2
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA18
PAHZZ	5935-926-0704	CONNECTOR RECP ELECTRICAL: M21097-1-148 (81349)	EA	REF				*	*	*	*	*	5-36	1A1XA19
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15 (96906)	EA	2				*	*	*	*	*		1A1XA19H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A1XA19H2
PAHZZ	6250	LAMPHOLDER: L202216 (81640)	EA	1				*	*	*	*	*	5-37	1A1XDS1
PAHZZ	5920-785-5471	FUSEHOLDER: FHN42W (81349)	EA	2				*	*	*	*	*	5-38	1A1XDF1
PAHZZ	5920-785-5471	FUSEHOLDER: FHN42W (81349)	EA	REF				*	*	*	*	*	5-38	1A1XF2
AHHHD		FREQUENCY CONVERTER: CV1921AUSM207 (80058)	EA	1									5-39	1A2
AHHHD		CAVITY ASSY: 4280260-501 (24624)	EA	1									5-52	1A2A1
AHHHD		CIRCUIT CARD ASSY: 4280109-501 (24624)	EA	1									5-54	1A2A1CR1
PAHZZ	5961-814-0768	SEMICONDUCTOR DEVICE DIODE: 1N3064 (81349)	EA	2				*	*	*	*	*	5-54	1A2A1CR2
PAHZZ	5961-814-0768	SEMICONDUCTOR DEVICE DIODE: 1N3064 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C1
PAHZZ	5910-717-0167	CAPACITOR FXD MICA DIELECTRIC: CM06FD471G03 (81349)	EA	2				*	*	*	*	*	5-54	1A2A1C2
PAHZZ	5910-717-0167	CAPACITOR FXD MICA DIELECTRIC: CM06FD471G03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C3
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	3				*	*	*	*	*	5-54	1A2A1C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C5
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED620J03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C6
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	5				*	*	*	*	*	5-54	1A2A1C7
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	2				*	*	*	*	*	5-54	1A2A1C8
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C9
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	2				*	*	*	*	*	5-54	1A2A1C10
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD121J03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C11
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C12
PAHZZ	5910-838-9421	CAPACITOR FXD CERAM DIELECTRIC: CK60AW102M (81349)	EA	1				*	*	*	*	*	5-54	1A2A1C13
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C14
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C15
PAHZZ	5910-106-3615	CAPACITOR FXD MICA DIELECTRIC: CM10FD221G03 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1C16
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	8				*	*	*	*	*	5-54	1A2A1C17

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C18
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C19
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C20
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	2A2A1C21
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C22
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C23
PAHZZ	5910-813-5733	CAPACITOR FXD CERAM DIELECTRIC: 3480451-1 (96733)	EA	REF				*	*	*	*	*	5-54	1A2A1C24
PAHZZ	5950-058-9074	CHOKE RF: MS75008-38 (96906)	EA	2				*	*	*	*	*	5-54	1A2A1L1
PAHZZ	5950-058-9074	CHOKE RF: MS75008-38 (96906)	EA	REF				*	*	*	*	*	5-54	1A2A1L2
PAHZZ	5950-704-1993	CHOKE RF: MS75008-40 (96906)	EA	4				*	*	*	*	*	5-54	1A2A1L3
PAHZZ	5950-704-1993	CHOKE RF: MS75008-40 (96906)	EA	REF				*	*	*	*	*	5-54	1A2A1L4
PAHZZ	5950-704-1993	CHOKE RF: MS75008-40 (96906)	EA	REF				*	*	*	*	*	5-54	1A2A1L5
PAHZZ	5950-704-1993	CHOKE RF: MS75008-40 (96906)	EA	REF				*	*	*	*	*	5-54	1A2A1L6
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	5				*	*	*	*	*	5-54	1A2A1MP1
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-54	1A2A1MP2
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-54	1A2A1MP3
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-54	1A2A1MP4
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	*	5-54	1A2A1MP5
AHHHD		PRINTED WIRING BOARD: 4180020-1 (24624)	EA	1									5-54	1A2A1MP6
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	5				*	*	*	*	*	5-54	1A2A1Q1
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1Q2
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1Q3
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1Q4
PAHZZ	5961-842-6937	TRANSISTOR: 2N706 (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1Q5
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J (81349)	EA	1				*	*	*	*	*	5-54	1A2A1R1
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	2				*	*	*	*	*	5-54	1A2A1R2
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1R3
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION: RC07GF221J (81349)	EA	2				*	*	*	*	*	5-54	1A2A1R5
PAHZZ	5905-683-2240	RESISTOR FXD COMPOSITION: RC07GF221J (81349)	EA	REF				*	*	*	*	*	5-54	1A2A1R6
PAHZZ	5950-627-2134	TRANSFORMER VARIABLE RF: 2480039-1 (24624)	EA	1				*	*	*	*	*	5-54	1A2A1T1
PAHZZ	5950-627-2208	TRANSFORMER VARIABLE RF: 2480040-1 (24624)	EA	4				*	*	*	*	*	5-54	1A2A1T2
PAHZZ	5950-627-2208	TRANSFORMER VARIABLE RF: 2480040-1 (24624)	EA	REF				*	*	*	*	*	5-54	1A2A1T3
PAHZZ	5950-627-2208	TRANSFORMER VARIABLE RF: 2480040-1 (24624)	EA	REF				*	*	*	*	*	5-54	1A2A1T4
PAHZZ	5950-627-2208	TRANSFORMER VARIABLE RF: 2480040-1 (24624)	EA	REF				*	*	*	*	*	5-54	1A2A1T5

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERALSUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SNR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DFPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					AHHHD		CIRCUIT CARD ASSY: 4280110-501 (24624)	EA	1					
PAHZZ	5305-054-5647	SCREW MACHINE: MS51957-13 (96906)	EA	4				*	*	*	*		1A2A2H4	
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	4				*	*	*	*		1A2A2H4	
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	4				*	*	*	*		1A2A2H4	
PAHZZ	5910	SEMICON DEV DIO: 1N4524 (81349)	EA	1				*	*	*	*	5-55	1A2A2CR1	
PAHZZ	5961-814-0768	SEMICON DEV DIO: 1N3064 (81349)	EA	1				*	*	*	*	5-55	1A2A2CR8	
PAHZZ	5910-838-9421	CAPACITOR FXD CERAM DIELECTRIC: CK60AW102M (81349)	EA	2				*	*	*	*	5-55	1A2A2C23	
PAHZZ	5910-838-9421	CAPACITOR FXD CERAM DIELECTRIC: CK60AW102M (81349)	EA	REF				*	*	*	*	5-55	1A2A2C26	
PAHZZ	5910 883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103K (81349)	EA	7				*	*	*	*	5-55	1A2A2C44	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	3				*	*	*	*	5-55	1A2A2C45	
PAHZZ	5910-999-6323	CAPACITOR FXD CERAMIC DIELEC: C506BX104K (96733)	EA	5				*	*	*	*	5-55	1A2A2C46	
PAHZZ	5910-883-5712	CAPACITOR ERAMIC DIELEC: CK06CW103K (81349)	EA	REF				*	*	*	*	5-55	1A2A2C47	
PAHZZ	5910-999-6323	CAPACITOR FXD CERAMIC DIELEC: C506BX104K (96733)	EA	REF				*	*	*	*	5-55	1A2A2C50	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	5-55	1A2A2C51	
PAHZZ	5910-883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103K (81349)	EA	REF				*	*	*	*	5-55	1A2A2C52	
PAHZZ	5910-883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103J (81349)	EA	REF				*	*	*	*	5-55	1A2A2C53	
PAHZZ	5910-999-6323	CAPACITOR FXD CERAMIC DIELEC: G506BX104K (96733)	EA	REF				*	*	*	*	5-55	1A2A2C54	
PAHZZ	5910-999-6323	CAPACITOR FXD CERAMIC DIELEC: G506BX104K (96733)	EA	REF				*	*	*	*	5-55	1A2A2C55	
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD101J03 (81349)	EA	REF				*	*	*	*	5-55	1A2A2C56	
PAHZZ	5910-883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103K (81349)	EA	REF				*	*	*	*	5-55	1A2A2C57	
PAHZZ	5910-999-6323	CAPACITOR FXD CERAMIC DIELEC: G506BX104K (96733)	EA	REF				*	*	*	*	5-55	1A2A2C59	
PAHZZ	5910-883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103K (81349)	EA	REF				*	*	*	*	5-55	1A2A2C60	
PAHZZ	5910-883-5712	CAPACITOR FXD CERAMIC DIELEC: CK06CW103K (81349)	EA	REF				*	*	*	*	5-55	1A2A2C61	
PAHZZ	5910-883-4779	CAPACITOR FXD CERAMIC DIELEC: CK06CW222K (81349)	EA	1				*	*	*	*	5-55	1A2A2C62	
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	4				*	*	*	*	5-55	1A2A2E1	
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	REF				*	*	*	*	5-55	1A2A2E2	
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	REF				*	*	*	*	5-55	1A2A2E3	
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	REF				*	*	*	*	5-55	1A2A2E4	
PAHZZ	5950-078-5860	CHOKE RF: MS75008-24 (96906)	EA	2				*	*	*	*	5-55	1A2A2L19	
PAHZZ	5950-078-5860	CHOKE RF: MS75008-24 (96906)	EA	REF				*	*	*	*	5-55	1A2A2L20	
PAHZZ	5950-053-8245	CHOKE RF: MS75008-26 (96906)	EA	1				*	*	*	*	5-55	1A2A2L25	
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	5				*	*	*	*	5-55	1A2A2MP1	
PAHZZ	5961	PAD TRANSISTOR: 10206N (07047)	EA	REF				*	*	*	*	5-55	1A2A2MP2	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP (NTGCY)	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION	
																USABLE ON CODE
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-55	1A2A2MP3
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	RED				*	*	*	*	*	5-55	1A2A2MP4
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-55	1A2A2MP5
AHHHD		PRINTED WIRING BOARD:	2380006-501	(24624)	EA	1									5-55	1A2A2MP6
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	4				*	*	*	*	*	5-55	1A2A2Q3
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF				*	*	*	*	*	5-55	1A2A2Q4
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF				*	*	*	*	*	5-55	1A2A2Q5
PAHZZ	5961	TRANSISTOR:	ST6212-1	(03877)	EA	REF				*	*	*	*	*	5-55	1A2A2Q6
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	1				*	*	*	*	*	5-55	1A2A2Q7
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION:	RC07GF472S	(81349)	EA	3				*	*	*	*	*	5-55	1A2A2R10
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION:	RC07GF471J	(81349)	EA	2				*	*	*	*	*	5-55	1A2A2R12
PAHZZ	5905	RESISTOR VARIABLE:	2901X	(96791)	EA	1				*	*	*	*	*	5-55	1A2A2R14
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION:	RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R15
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION:	RC07GF153J	(81349)	EA	3				*	*	*	*	*	5-55	1A2A2R19
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION:	RC07GF103J	(81349)		3				*	*	*	*	*	5-55	1A2A2R20
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION:	RC07GF122J	(81349)	EA	3				*	*	*	*	*	5-55	1A2A2R21
PAHZZ	5905-802-6730	RESISTOR FXD COMPOSITION:	RC07GF470J	(81349)	EA	2				*	*	*	*	*	5-55	1A2A2R22
PAHZZ	5905-683-2236	RESISTOR FXD COMPOSITION:	RC07GF391J	(81349)	EA	3				*	*	*	*	*	5-55	1A2A2R23
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION:	RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R28
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION:	RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R29
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION:	RC07GF122J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R30
PAHZZ	5905-802-6730	RESISTOR FXD COMPOSITION:	RC07GF470J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R31
PAHZZ	5905-683-2236	RESISTOR FXD COMPOSITION:	RC07GF391J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R32
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION:	RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R33
PAHZZ	5905-683-2238	RESISTOR FXD COMPOSITION:	RC07GF103J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R34
PAHZZ	5905-686-9994	RESISTOR FXD COMPOSITION:	RC07GF122J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R35
PAHZZ	5905-683-2235	RESISTOR FXD COMPOSITION:	RC07GF680J	(81349)	EA	1				*	*	*	*	*	5-55	1A2A2R36
PAHZZ	5905-683-2236	RESISTOR FXD COMPOSITION:	RC07GF391J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R37
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION:	RC07GF471J	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R38
PAHZZ	5905-727-8001	RESISTOR FXD COMPOSITION:	RC07GF681J	(81349)	EA	1				*	*	*	*	*	5-55	1A2A2R39
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION:	RC07GF472S	(81349)	EA	REF				*	*	*	*	*	5-55	1A2A2R40

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) NRC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CHNGCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO., OR REFERENCE DESIGNATION	
PAHZZ	5905-682-4107	RESISTOR FXD COMPOSITION: RC07GF181J	(81349)	EA	1				*	*	*	*	*	5-55	1A2A2R41
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	1				*	*	*	*	*	5-55	1A2A2R43
AHHHD		CIRCUIT CARD ASSY: 4280111-501	(24624)	EA	1									5-55	1A2A3
PAHZZ	5305-054-5647	SCREW MACHINE: MS51957-13	(96906)	EA	2				*	*	*	*	*		1A2A3H2
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136	(96906)	EA	2				*	*	*	*	*		1A2A3H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	2				*	*	*	*	*		1A2A3H2
PAHZZ	5910-107-2544	CAPACITOR FXD MICA DIELECTRIC: CM10FD151G03	(81349)	EA	1				*	*	*	*	*	5-55	1A2A3C17
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10ED270J03	(81349)	EA	1				*	*	*	*	*	5-55	1A2A3C18
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM10FD161J03	(81349)	EA	1				*	*	*	*	*	5-55	1A2A3C19
PAHZZ	5910	CAPACITOR VAR AIR DIELECTRIC: 530-001-94R	(72982)	EA	1				*	*	*	*	*	5-55	1A2A3C21
PAHZZ	5950-627-1770	COIL RF: 2480036-1	(24624)	EA	1				*	*	*	*	*	5-55	1A2A3L1
AHHHD		PRINTED WIRING BOARD: 2380005-501	(24624)	EA	1									5-55	1A2A3MP1
PAHZZ	5905	RESISTOR VARIABLE: 251-10-2K	(75042)	EA	1				*	*	*	*	*	5-55	1A2A3R8
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J	(81349)	EA	1				*	*	*	*	*	5-55	1A2A3R9
PAHZZ	5961	SEMICON DEV DIO: 5082-8111	(28480)	EA	1				*	*	*	*	*	5-53	1A2CR3
PAHZZ	5910-838-9421	CAPACITOR FXD CERAM DIELECTRIC: CK60AW102M	(81349)	EA	1				*	*	*	*	*	5-53	1A2C1
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	9				*	*	*	*	*	5-20	1A2C2
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C3
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C4
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C5
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C6
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C7
PAHZZ	5910-902-0335	CAPACITOR FXD MICA DIELECTRIC: CM05CD100D03	(81349)	EA	1				*	*	*	*	*	5-20	1A2C8
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C9
PAHZZ	5910-832-8080	CAPACITOR FXD MICA DIELECTRIC: CM05CD180J03	(81349)	EA	1				*	*	*	*	*	5-20	1A2C10
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C11
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM05ED330J03	(81349)	EA	1				*	*	*	*	*	5-20	1A2C12
PAHZZ	5910-057-5579	CAPACITOR VAR AIR DIELECTRIC: JMC2950	(91293)	EA	REF				*	*	*	*	*	5-20	1A2C13
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: SELECTED	(81349)	EA	1				*	*	*	*	*	5-20	1A2C14
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CM05ED620J03	(81349)	EA	1				*	*	*	*	*	5-20	1A2C15
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CB11RD510J	(81349)	EA	3				*	*	*	*	*	5-20	1A2C16

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5910-752-4563	CAPACITOR FXD MICA DIELECTRIC: CB11RD330K (81349)	EA	1				*	*	*	*	*	5-55	1A2C27
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CB11RD560K (81349)	EA	1				*	*	*	*	*	5-53	1A2C28
PAHZZ	5910-902-0031	CAPACITOR FXD MICA DIELECTRIC: CM05CD050D03 (81349)	EA	3				*	*	*	*	*	5-53	1A2C29
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CB11RD510J (81349)	EA	REF				*	*	*	*	*	5-53	1A2C30
PAHZZ	5910-902-0031	CAPACITOR FXD MICA DIELECTRIC: CM05CD050D03 (81349)	EA	REF				*	*	*	*	*	5-53	1A2C31
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CB11RD510J (81349)	EA	REF				*	*	*	*	*	5-53	1A2C32
PAHZZ	5910	CAPACITOR: CM05CD030D03 (84171)	EA	1				*	*	*	*	*	5-53	1A2C33
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC: CB11RD300K (81349)	EA	1				*	*	*	*	*	5-53	1A2C34
PAHZZ	5910-902-0031	CAPACITOR FXD MICA DIELECTRIC: CM05CD050D03 (81349)	EA	REF				*	*	*	*	*	5-53	1A2C35
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	2				*	*	*	*	*	5-20	1A2E22
PAHZZ	5975	FERRITE BEAD: 3480427-1 (02114)	EA	REF				*	*	*	*	*	5-20	1A2E23
PAHZZ	5999	CONTACT ELECTRICAL: 2380126-501 (24624)	EA	1				*	*	*	*	*		1A2E24
PAHZZ	5940	TERMINAL LUG: 472-120CHT (79963)	EA	1				*	*	*	*	*		1A2E25
PAHZZ	5940	TERMINAL LUG: 333-120BHT (79963)	EA	2				*	*	*	*	*		1A2E26
PAHZZ	5940	TERMINAL LUG: 111-120BHT (79963)	EA	1				*	*	*	*	*		1A2E27
PAHZZ	5940	TERMINAL LUG: 681-264PBHT (79963)	EA	3				*	*	*	*	*		1A2E28
PAHZZ	5940	TERMINAL LUG: 681-264PBHT (79963)	EA	REF				*	*	*	*	*		1A2E29
PAHZZ	5940	TERMINAL LUG: 681-264PBHT (79963)	EA	REF				*	*	*	*	*		1A2E30
PAHZZ	5940	TERMINAL LUG: 635-144PBHT (79963)	EA	1				*	*	*	*	*		1A2E31
PAHZZ	5940	TERMINAL LUG: 333-120BHT (79963)	EA	REF				*	*	*	*	*		1A2E32
PAHZZ	5940	TERMINAL LUG: 110-250BHT (79963)	EA	3				*	*	*	*	*		1A2E33
PAHZZ	5940	TERMINAL LUG: 110-250BHT (79963)	EA	REF				*	*	*	*	*		1A2E34
PAHZZ	5940	TERMINAL LUG: 110-250BHT (79963)	EA	REF				*	*	*	*	*		1A2E35
PAHZZ	5940	TERMINAL LUG: 416-093GHT (79963)	EA	2				*	*	*	*	*		1A2E36
PAHZZ	5305-054-5635	SCREW MACHINE: MS51957-1 (96906)	EA	1				*	*	*	*	*		1A2E36H1
PAHZZ	5310-543-4652	WASHER LOCK: MS35333-69 (96906)	EA	1				*	*	*	*	*		1A2E36H1
PAHZZ	5940	TERMINAL LUG: 416-093GHT (79963)	EA	REF				*	*	*	*	*		1A2E37
PAHZZ	5305-054-5635	SCREW MACHINE: MS51957-1 (96906)	EA	1				*	*	*	*	*		1A2E37H1
PAHZZ	5310-543-4652	WASHER LOCK: MS35333-69 (96906)	EA	1				*	*	*	*	*		1A2E37H1
PAHZZ	5940	TERMINAL LUG: 575-093BHT (79963)	EA	1				*	*	*	*	*		1A2E38
PAHZZ	5940	TERMINAL STRIP GROUNDING: 2180041-1 (24624)	EA	1				*	*	*	*	*		1A2E39
PAHZZ	5935	CONNECTOR RECP ELECTRICAL: MS27035-625BU (96906)	EA	1				*	*	*	*	*	5-53	1A2J1
PAHZZ	5950-813-5727	CHOKE RF: 3480418-4 (24624)	EA	1				*	*	*	*	*	5-53	1A2L3
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	3				*	*	*	*	*	5-53	1A2L4
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-53	1A2L5
PAHZZ	5950-813-5725	CHOKE RF: 3480418-3 (24624)	EA	REF				*	*	*	*	*	5-53	1A2L6
PAHZZ	5310	WASHER GUIDE: 2180054-1 (24624)	EA	2				*	*	*	*	*		1A2MP1

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PFR EQUIP ENTDNCY	(9) DEPOT MAINT ALW PFR 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5305-054-6653	SCREW MACHINE: MS51957-29 (96906)	EA	1				*	*	*	*	*	1A2MP1H1	
PAHZZ	5310-722-5998	WASHER FLAT: MS15795-805 (96906)	EA	1				*	*	*	*	*	1A2MP1H1	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	1				*	*	*	*	*	1A2MP1H1	
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264 (96906)	EA	1				*	*	*	*	*	1A2MP1H1	
PAHZZ	5310	WASHER GUIDE: 2180054-1 (24624)	EA	REF				*	*	*	*	*	1A2MP2	
PAHZZ	5305-054-6653	SCREW MACHINE: MS51957-29 (96906)	EA	1				*	*	*	*	*	1A2MP2H1	
PAHZZ	5310-722-5998	WASHER FLAT: MS15795-805 (96906)	EA	1				*	*	*	*	*	1A2MP2H1	
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264 (96906)	EA	1				*	*	*	*	*	1A2MP2H1	
AHHHD		GASKET: 3180515-1 (24624)	EA	1									1A2MP3	
AHHHD		GASKET: 10-377 (12881)	IN	19									1A2MP4	
PAOZZ	5355-842-3111	KNOB: MS91528-1A2B (96906)	EA	1				*	*	*	*	*	1A2MP5	
PAHZZ	5305	THUMBSCREW: 61078S1032-7 (06540)	EA	1				*	*	*	*	*	1A2MP6	
PAHZZ	5310-619-1148	WASHER FLAT: MS15795-808 (96906)	EA	1				*	*	*	*	*	1A2MP6H1	
PAHZZ	5935	SHROUD CONNECTOR: 2180411-1 (24624)	EA	1				*	*	*	*	*	1A2MP7	
AHHHD		SHAFT ASSY: 2380125-501 (24624)	EA	1									1A2MP8	
PAHZZ	3020-900-2286	GEAR: G462Y (70141)	EA	1				*	*	*	*	*	1A2MP8MP1	
PAHZZ	5315-286-4888	SPRING PIN: MS171435 (96906)	EA	2				*	*	*	*	*	1A2MP8MP2	
PAHZZ	3040	SHAFT: 2380125-5 (24624)	EA	1				*	*	*	*	*	1A2MP8MP3	
AHHHD		COVER CAVITY ASSY: 3380288-501 (24624)	EA	1									1A2MP9	
PAHZZ	5305-054-6653	SCREW MACHINE: MS51957-29 (96906)	EA	7				*	*	*	*	*	1A2MP9H7	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	7				*	*	*	*	*	1A2MP9H7	
PAHZZ	3120-287-7412	BEARING: FF303-1 (70901)	EA	1				*	*	*	*	*	1A2MP9MP1	
PAHZZ	6625	COVER-SHIELD: 3180169-1 (24624)	EA	1				*	*	*	*	*	1A2MP10	
PAHZZ	3020	GEAR MITER: 2180129-1 (24624)	EA	1				*	*	*	*	*	1A2MP11	
PAHZZ	5305-531-0137	SETSCREW: MS51021-21 (96906)	EA	2				*	*	*	*	*	1A2MP11H2	
PAHZZ	5310	WASHER FLAT: 5710-735 (86928)	EA	V				*	*	*	*	*	1A2MP11HAR	
AHHHD		INDEX ASSY: CTS211 (71450)	EA	1									1A2MP12	
PAHZZ	5310-180-0277	WASHER LOCK: MS35333-76 (96906)	EA	1				*	*	*	*	*	1A2MP12H1	
PAHZZ	5310-003-9264	NUT PLAIN HEX: MS25082C6 (96906)	EA	1				*	*	*	*	*	1A2MP12H1	
PAHZZ	5970-985-8980	BUSHING: 81439 (98291)	EA	2				*	*	*	*	*	1A2MP13	
PAHZZ	5970-985-8980	BUSHING: 81439 (98291)	EA	REF				*	*	*	*	*	1A2MP14	
PAHZZ	5340-565-0011	CLAMP LOOP: MS21919DG2 (96906)	EA	2				*	*	*	*	*	1A2MP15	
PAHZZ	5305-054-6653	SCREW MACHINE: MS51957-29 (96906)	EA	1				*	*	*	*	*	1A2MP15H1	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	1				*	*	*	*	*	1A2MP15H1	
PAHZZ	5340-565-0011	CLAMP LOOP: MS21919DG2 (96906)	EA	REF				*	*	*	*	*	1A2MP16	
PAHZZ	5305-054-6653	SCREW MACHINE: MS51957-29 (96906)	EA	1				*	*	*	*	*	1A2MP16H1	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	1				*	*	*	*	*	1A2MP16H1	
PAHZZ	5365	SPACER: P330 (71590)	EA	2				*	*	*	*	*	1A2MP17	
PAHZZ	5365	SPACER: P330 (71590)	EA	REF				*	*	*	*	*	1A2MP18	
PAHZZ	5360	SPRING COMPRESS: LC022D855 (84830)	EA	1				*	*	*	*	*	1A2MP40	
PAHZZ	6625-810-7964	METER: 3480458-1 (24624)	EA	1				*	*	*	*	*	5-53 1A2M1	
PAHZZ	5935-781-2833	CONNECTOR PLUG ELECTRICAL: 5286 (09408)	EA	1				*	*	*	*	*	5-52 1A2P1	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE(CONTINUED)

(1) SMC CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCV	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5935	CONNECTOR RECP ELECTRICAL: (07047) 11612-5MS15P20SP	EA	1				*	*	*	*	*	5-52	1A2P2	
PAHZZ	5905-913-0753	RESISTOR FXD FILM: RL42S620J (81349)	EA	1				*	*	*	*	*	5-53	1A2R1	
PAHZZ	5905-728-6643	RESISTOR FXD FILM: RL07S241J (81349)	EA	2				*	*	*	*	*	5-52	1A2R2	
PAHZZ	5905-451-7513	RESISTOR FXD FILM: RLR07620GR (81349)	EA	3				*	*	*	*	*	5-53	1A2R3	
PAHZZ	5905-451-7513	RESISTOR FXD FILM: RLR07620GR (81349)	EA	REF				*	*	*	*	*	5-53	1A2R4	
PAHZZ	5905-728-6643	RESISTOR FXD FILM: RL07S241J (81349)	EA	REF				*	*	*	*	*	5-53	1A2R5	
PAHZZ	5905-451-7513	RESISTOR FXD FILM: RLR07620GR (81349)	EA	REF				*	*	*	*	*	5-53	1A2R6	
PAHZZ	5905-683-2235	RESISTOR FXD COMPOSITION: (81349) RC07GF680J	EA	1				*	*	*	*	*	5-53	1A2R7	
PAHZZ	5905-683-2242	RESISTOR FXD COMPOSITION: (81349) RC07GF471J	EA	1				*	*	*	*	*	5-53	1A2R16	
PAHZZ	5905-682-4106	RESISTOR FXD COMPOSITION: (81349) RC07GF560J	EA	1				*	*	*	*	*	5-53	1A2R17	
PAHZZ	5905	RESISTOR VARIABLE: 251-10-2K (75042)	EA	1				*	*	*	*	*	5-55	1A2R42	
PAHZZ	5305	SCREW MACHINE: 64569 (73734)	EA	2				*	*	*	*	*		1A2R42H2	
PAHZZ	5310	WASHER LOCK: 67510 (73734)	EA	2				*	*	*	*	*		1A2R42H2	
PAHZZ	5310	WASHER FLAT: 67431 (73734)	EA	2				*	*	*	*	*		1A2R42H2	
PAHZZ	5310	NUT PLAIN HEX: 67021 (73734)	EA	2				*	*	*	*	*		1A2R42H2	
PAHZZ	5905-539-2567	RESISTOR VARIABLE: RV4LAYS252A (81349)	EA	1				*	*	*	*	*	5-52	1A2R46	
PAHZZ	5905-106-9344	RESISTOR FXD COMPOSITION: (81349) RC20GF101J	EA	1				*	*	*	*	*	5-52	1A2R47	
PAHZZ	5930-823-0874	SWITCH TOGGLE: 2TMIT (91929)	EA	3				*	*	*	*	*	5-53	1A2S1	
PAHZZ		WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A2S1H1	
PAHZZ	5930-823-0874	SWITCH TOGGLE: 2TMIT (91929)	EA	REF				*	*	*	*	*	5-53	1A2S2	
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A2S2H1	
PAHZZ	5930-823-0874	SWITCH TOGGLE: 2TMIT (91929)	EA	REF				*	*	*	*	*	5-53	1A2S3	
PAHZZ	5310	WASHER FLAT: 5710-57-10 (86928)	EA	1				*	*	*	*	*		1A2S3H1	
PAHZZ	5930-677-0902	SWITCH ROTARY: PS027 (71590)	EA	1				*	*	*	*	*	5-53	1A2S4	
PAHZZ	5305-833-8650	SCREW MACHINE: MS18212-19 (96906)	EA	2				*	*	*	*	*		1A2S4H2	
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	2				*	*	*	*	*		1A2S4H2	
PAHZZ	5310	NUT PLAIN HEX: MS35649-244 (96906)	EA	2				*	*	*	*	*		1A2S4H2	
PAHZZ	5940	TERMINAL BOARD ASSY: 3280382-501 (24624)	EA	1				*	*	*	*	*	5-53	1A2TB1	
PAHZZ	5961	SEMICON DEV DIO: 1N831M (81349)	EA	2				*	*	*	*	*	5-53	1A2TB1CR1	
PAHZZ	5961	SEMICON DEV DIO: 1N831M (81349)	EA	REF				*	*	*	*	*	5-53	1A2TB1CR2	
PAHZZ	5910-883-5712	CAPACITOR FXD MICA DIELECTRIC: (81349) CK06CW103K	EA	2				*	*	*	*	*	5-53	1A2TB1C24	
PAHZZ	5910-883-5712	CAPACITOR FXD MICA DIELECTRIC: (81349) CK06CW103K	EA	REF				*	*	*	*	*	5-53	1A2TB1C25	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: (81349) RC07GF472S	EA	2				*	*	*	*	*	5-53	1A2TB1R11	
PAHZZ	5905-114-0711	RESISTOR FXD COMPOSITION: (81349) RC07GF472S	EA	REF				*	*	*	*	*	5-53	1A2TB1R13	
PAHZZ	5940	TERMINAL BOARD: 2380057-501 (24624)	EA	1				*	*	*	*	*	5-53	1A2TB1TB1	
PAHZZ	5950-813-5678	LOOP BALANCED MIXER: 2180051-1 (24624)	EA	1				*	*	*	*	*	5-20	1A2T1	
PAHZZ	5935-938-2643	CONNECTOR RECP: M21097-109 (81349)	EA	1				*	*	*	*	*	5-52	1A2XA1	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
							(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5305-054-5651	SCREW MACHINE:	MS51957-17	(96906)	EA	2				*	*	*	*	*		1A2XA1H2
PAHZZ	5310-933-8118	WASHER LOCK:	MS35338-135	(96906)	EA	2				*	*	*	*	*		1A2XA1H2
PAHZZ	5310-595-6211	WASHER FLAT:	MS15795-803	(96906)	EA	2				*	*	*	*	*		1A2XA1H2
PAHZZ	5310	NUT PLAIN HEX:	MS35649-244	(96906)	EA	2				*	*	*	*	*		1A2XA1H2
AHHHD		OSCILLATOR RF:	0-127AUSM207	(80058)		1									5-56	1A3
AHHHD		CIRCUIT CARD ASSY:	4280112-501	(24624)	EA	1									5-57	1A3A1
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	4				*	*	*	*	*		1A3A1H4
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	4				*	*	*	*	*		1A3A1H4
PAHZZ	5310-929-6395	WASHER LOCK:	MS35338-136	(96906)	EA	4				*	*	*	*	*		1A3A1H4
PAHZZ	5961-811-8372	SEMICON DEV DIO:	1N3189	(81349)	EA	5				*	*	*	*	*	5-57	1A3A1CR1
PAHZZ	5961-811-8372	SEMICON DEV DIO:	1N3189	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1CR2
PAHZZ	5961-811-8372	SEMICON DEV DIO:	1N3189	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1CR3
PAHZZ	5961-811-8372	SEMICON DEV DIO:	1N3189	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1CR4
PAHZZ	5961-811-8372	SEMICON DEV DIO:	1N3189	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1CR5
PAHZZ	5961-892-0688	SEMICON DEV DIO:	1N752A	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1CR6
PAHZZ	5961-892-0688	SEMICON DEV DIO:	1N752A	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1CR7
PAHZZ	5961-018-0918	CAPACITOR FXD MICA DIELECTRIC:	CM10FD391G03	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1C2
PAHZZ	5910-779-8390	CAPACITOR FXD ELECTROLYTIC:	CS13BF226K	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1C3
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC:	CK62AW822M	(81349)	EA	3				*	*	*	*	*	5-57	1A3A1C4
PAHZZ	5910	CAPACITOR FXD MICA DIELECTRIC:	CM10ED820J03	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1C5
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC:	CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1C6
PAHZZ	5910-813-9353	CAPACITOR FXD CERAM DIELECTRIC:	CK62AW822M	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1C7
PAHZZ	5910-127-1433	CAPACITOR FXD MICA DIELECTRIC:	CM10CD180J03	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1C8
PAHZZ	5910-018-0918	CAPACITOR FXD MICA DIELECTRIC:	CM10FD391G03	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1C9
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	2				*	*	*	*	*	5-57	1A3A1MP1
PAHZZ	5961	PAD TRANSISTOR:	10206N	(07047)	EA	REF				*	*	*	*	*	5-57	1A3A1MP2
PAHZZ	5961	PAD TRANSISTOR:	10001N	(07047)	EA	1				*	*	*	*	*	5-57	1A3A1MP3
AHHHD		PRINTED WIRING BOARD:	4280112-501	(24624)	EA	1									5-57	1A3A1MP4
PAHZZ	5961-852-5171	TRANSISTOR:	2N1711	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1Q2
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1Q3
PAHZZ	5961-842-6937	TRANSISTOR:	2N706	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1Q4
PAHZZ	5905-944-7134	RESISTOR FXD WW:	RW67V1R5	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R1
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION:	RC07GF101J	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1R2
PAHZZ	5905-778-4902	RESISTOR FXD FILM:	RL42S431J	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R3
PAHZZ	5905-900-1219	RESISTOR FXD FILM:	RL20S221J	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R4
PAHZZ	5905-828-4097	RESISTOR FXD FILM:	RL42S221J	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R5
PAHZZ	5905-686-3798	RESISTOR FXD COMPOSITION:	RC07GF272J	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R6

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SFR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION	
PAHZZ	5905	RESISTOR FXD FILM: RN65D5600F	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R7
PAHZZ	5905-990-4912	RESISTOR FXD FILM: RN65D6810F	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R8
PAHZZ	5905-687-0000	RESISTOR FXD COMPOSITION: RC07GF183J	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R9
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1R10
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1R11
PAHZZ	5905-682-4109	RESISTOR FXD COMPOSITION: RC07GF561J	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1R12
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	2				*	*	*	*	*	5-57	1A3A1R13
PAHZZ	5905-681-8818	RESISTOR FXD COMPOSITION: RC07GF153J	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1R14
PAHZZ	5905-110-7622	RESISTOR FXD COMPOSITION: RCR07G682JS	(81349)	EA	1				*	*	*	*	*	5-57	1A3A1R15
PAHZZ	5905-681-6462	RESISTOR FXD COMPOSITION: RC07GF102J	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1R16
PAHZZ	5905-683-7721	RESISTOR FXD COMPOSITION: RC07GF101J	(81349)	EA	REF				*	*	*	*	*	5-57	1A3A1R17
PAHZZ	5950-813-5683	TRANSFORMER VARIABLE RF: 2480038-1	(24624)	EA	1				*	*	*	*	*	5-57	1A3A1T2
PAHZZ	5910-919-3199	CAPACITOR FXD ELECTROLYTIC: 500-1065-01	(53021)	EA	1				*	*	*	*	*	5-56	1A3C1
PAHZZ	5305-054-6654	SCREW MACHINE: MS51957-30	(96906)	EA	1				*	*	*	*	*		1A3C1H1
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136	(96906)	EA	1				*	*	*	*	*		1A3C1H1
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264	(96906)	EA	1				*	*	*	*	*		1A3C1H1
PAHZZ	5940	TERMINAL LUG: 1414-4	(83330)	EA	2				*	*	*	*	*		1A3E1
PAHZZ	5940	TERMINAL LUG: 1414-4	(83330)	EA	REF				*	*	*	*	*		1A3E2
PAHZZ	5940	TERMINAL LUG: 1414-10	(83330)	EA	2				*	*	*	*	*		1A3E3
PAHZZ	5940	TERMINAL LUG: 1414-10	(83330)	EA	REF				*	*	*	*	*		1A3E4
PAHZZ	5940-910-3390	TERMINAL LUG: 5407	(86928)	EA	1				*	*	*	*	*		1A3E5
PAHZZ	5935-552-7660	CONNECTOR RECP ELECTRICAL: MS27035-6258	(96906)	EA	1				*	*	*	*	*	5-56	1A3J2
PAHZZ	5970	INSULATOR MICA: 2106116	(86270)	EA	1				*	*	*	*	*		1A3MP1
PAHZZ	3120	BUSHING: 2106307	(86270)	EA	2				*	*	*	*	*		1A3MP2
PAHZZ	3120	BUSHING: 2106307	(86270)	EA	REF				*	*	*	*	*		1A3MP3
PAHZZ	5305	LOCKSCREW: 3380293-501	(24624)	EA	1				*	*	*	*	*		1A3MP4
AHHHD		PANEL FRONT: 3180127-1	(24624)	EA	1				*	*	*	*	*		1A3MP5
PAHZZ	5305-054-5649	SCREW MACHINE: MS51957-15	(96906)	EA	4				*	*	*	*	*		1A3MP5H4
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803	(96906)	EA	4				*	*	*	*	*		1A3MP5H4
PAHZZ	5310	WASHER GUIDE: 2180054-1	(24624)	EA	2				*	*	*	*	*		1A3MP6
PAHZZ	5310	WASHER GUIDE: 2180054-1	(24624)		REF				*	*	*	*	*		1A3MP7
PAHZZ	5330	GASKET: 3180672-1	(24624)	EA	1				*	*	*	*	*		1A3MP8
PAHZZ	5325-185-0012	GROMMET: MS35489-35	(96906)	EA	1				*	*	*	*	*		1A3MP9
PAHZZ	5910-682-2543	BRACKET CAPACITOR: VR3	(90201)	EA	1				*	*	*	*	*		1A3MP10
PAHZZ	5365-200-6707	RING RETAINING: 5133-18	(79136)	EA	1				*	*	*	*	*		1A3MP11
PAHZZ	5305-229-3614	SCREW CAPTIVE: 6239SS1032	(06540)	EA	1				*	*	*	*	*		1A3MP12

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ		CONNECTOR RECP ELECTRICAL: (07047) 11612-5MS15P20SP	EA	10				*	*	*	*	*	5-36	1A3P1
PAHZZ	5305-056-9961	SCREW MACHINE: MS24693PC4 (96906)	EA	4				*	*	*	*	*		1A3P1H4
PAHZZ	5961-821-8976	TRANSISTOR: 2N297A (81349)	EA	1				*	*	*	*	*	5-56	1A3Q1
PAHZZ	5305-054-5651	SCREW MACHINE: MS51957-17 (96906)	EA	2				*	*	*	*	*		1A3Q1H2
PAHZZ	5310-595-6211	WASHER FLAT: MS15795-803 (96906)	EA	2				*	*	*	*	*		1A3Q1H2
PAHZZ	5310-933-8118	WASHER LOCK: MS35338-135 (96906)	EA	1				*	*	*	*	*		1A3Q1H1
PAHZZ	5310	NUT PLAIN HEX: MS35649-244 (96906)	EA	2				*	*	*	*	*		1A3Q1H2
PAHZZ	5950	TRANSFORMER POWER: AP10720 (30724)	EA	1				*	*	*	*	*	5-56	1A3T1
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	4				*	*	*	*	*		1A3T1H4
PAHZZ	5310-934-9761	NUT PLAIN HEX: MS35649-264 (96906)	EA	4				*	*	*	*	*		1A3T1H4
AHHHD		OSCILLATOR RF: EROS800APA3 (13571)	EA	1									5-56	1A3Y1
PAHZZ	5305-056-9961	SCREW MACHINE: MS24693PC4 (96906)	EA	6				*	*	*	*	*		1A3Y1H6
AHHHD		COVER ASSY: CW801AUSM207 (80058)	EA	1									1-1	1MP1
PAHZZ	5935-823-0639	ADAPTER ELEC CONNECTOR: UG255U (81349)	EA	2				*	*	*	*	*	1-1	1MP1CP1
PAHZZ	5935-823-0639	ADAPTER ELEC CONNECTOR: UG255U (81349)	EA	REF				*	*	*	*	*	1-1	1MP1CP2
PAHZZ	5935-149-3534	ADAPTER ELEC CONNECTOR: UG273U (81349)	EA	2				*	*	*	*	*	1-1	1MP1CP3
PAHZZ	5935-149-3534	ADAPTER ELEC CONNECTOR: UG273U (81349)	EA	REF				*	*	*	*	*	1-1	1MP1CP4
PAHZZ	5935-807-3895	ADAPTER ELEC CONNECTOR: UG1035U (81349)	EA	2				*	*	*	*	*	1-1	1MP1CP5
PAHZZ	5935-807-3895	ADAPTER ELEC CONNECTOR: UG1035U (81349)	EA	REF				*	*	*	*	*	1-1	1MP1CP6
AHHHD		COVER ASSY: 3280292-501 (24624)	EA	1									1-1	1MP1MP1
PAHZZ	5325-185-0017	GROMMET: MS35489-33 (96906)	EA	1				*	*	*	*	*		1MP1MP1MP1
AHHHD		PANEL ASSY: 3380290-501 (24624)	EA	1										1MP1MP2
PAHZZ	6625	CARD EXTENDER: 3280383-501 (24624)	EA	1				*	*	*	*	*		1MP1MP3
PAHZZ	5305	THUMBSCREW: 3100-6-12 (88245)	FA	2				*	*	*	*	*		1MP1MP3H2
PAHZZ	5935-904-0779	CONNECTOR RECP ELECTRICAL: M21097-1-166 (81349)	EA	1				*	*	*	*	*	1-1	1MP1MP3J1
PAHZZ	6625	CARD PULLER: 2180055-1 (24624)	EA	1				*	*	*	*	*	1-1	1MP1MP4
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL: MS35173-274BU (96906)	EA	2				*	*	*	*	*	5-35	1MP1P1
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL: MS35173-274BU (96906)	EA	REF				*	*	*	*	*	5-35	1MP1P2
PAHZZ	6150	CABLE ASSY POWER ELECTRICAL: 3380456-501 (24624)	EA	1				*	*	*	*	*	1-1	1MP1W1
PAHZZ	5935-280-2195	CLAMP CABLE: MS3057-6 (96906)	EA	1				*	*	*	*	*		1MP1W1MP1
PAHZZ	5310	WASHER CUP: 401 (78584)	EA	1				*	*	*	*	*		1MP1W1MP2
PAHZZ	5935-148-9378	CONNECTOR PLUG ELECTRICAL: MS3106A14S7S (96906)	EA	1				*	*	*	*	*		1MP1W1P1
PAHZZ	5935-843-7362	CONNECTOR PLUG: UP131M (81349)	EA	1				*	*	*	*	*		1MP1W1P2
PAHZZ	6145	CABLE POWER ELECTRICAL: CO-03MGF3-18-0340 (81349)	FT	V				*	*	*	*	*	1-1	1MP1W1W1
PAHZZ	5995	CABLE ASSY RF: 3380454-501 (24624)	EA	1				*	*	*	*	*	1-1	1MP1W2
PAHZZ	5935	CONNECTOR PLUG: MS35168 (96906)	EA	1				*	*	*	*	*	5-3	1MP1W2P1

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE			(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
							USABLE CN CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5935	CONNECTOR PLUG:	5070	(09408)		1				*	*	*	*	*	5-3	1MP1W2P2	
PAHZZ	6145-542-6092	CABLE RF:	RG58CU	(81349)	FT	V				*	*	*	*	*	1-1	1MP1W2W1	
PAHZZ	5995	CABLE ASSY:	3380452-501	(24624)	EA	1				*	*	*	*	*	1-1	1MP1W3	
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(07047)	EA	1				*	*	*	*	*	5-6	1MP1W3P1	
			11613-4HMS15520SPMPGDF														
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(07047)	EA	1				*	*	*	*	*	5-3	1MP1W3P2	
			11612-3HMS15P20SPMPGDF														
PAHZZ	5995	CABLE ASSY RF:	3380455-501	(24624)	EA	2				*	*	*	*	*	1-1	1MP1W4	
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(96906)	EA	2				*	*	*	*	*	1-1	1MP1W4P1	
			MS35168														
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(96906)	EA	REF				*	*	*	*	*	1-1	1MP1W4P2	
			MS35168														
PAHZZ	6145-542-6092	CABLE RF:	RG58CU	(81349)	FT	V				*	*	*	*	*	1-1	1MP1W4W1	
PAHZZ	5995	CABLE ASSY RF:	3380455-501	(24624)	EA	REF				*	*	*	*	*	1-1	1MP1W5	
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(96906)	EA	2				*	*	*	*	*	1-1	1MP1W5P1	
			MS35168														
PAHZZ	5935	CONNECTOR PLUG ELECTRICAL:		(96906)	EA	REF				*	*	*	*	*	1-1	1MP1W5P2	
			MS35168														
PAHZZ	6145-542-6092	CABLE RF:	RG58CU	(81349)	FT	V				*	*	*	*	*	1-1	1MP1W5W1	
AHHHD		COVER ASSY TOP:	4280210-501	(24624)	EA	1									1-1	1MP2	
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	5				*	*	*	*	*		1MP2H5	
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	4				*	*	*	*	*		1MP2H4	
PAHZZ	5310-965-1802	WASHER FLAT:	MS15795-804	(96906)	EA	9				*	*	*	*	*		1MP2H9	
PAHZZ	5305-066-7328	SCREW MACHINE:	MS24693PC27	(96906)	EA	2				*	*	*	*	*		1MP2H2	
AHHHD		COVER ASSY BOTTOM:	4380132-501	(24624)	EA	1									1-1	1MP3	
PAHZZ	5305-054-6651	SCREW MACHINE:	MS51957-27	(96906)	EA	4				*	*	*	*	*		1MP3H4	
PAHZZ	5305-054-6653	SCREW MACHINE:	MS51957-29	(96906)	EA	4				*	*	*	*	*		1MP3H4	
PAHZZ	5310-722-5998	WASHER FLAT:	MS15795-805	(96906)	EA	8				*	*	*	*	*		1MP3H8	
PAHZZ	5305-066-7328	SCREW MACHINE:	MS24693PC27	(96906)	EA	2				*	*	*	*	*		1MP3H2	
PAHZZ	5340-266-0763	BUMPER RUBBER:	251	(70485)	EA	4				*	*	*	*	*		1MP3MP1	
PAHZZ	5305-519-6590	SCREW MACHINE:	MS51957-126	(96906)	EA	1				*	*	*	*	*		1MP3MP1H1	
PAHZZ	5310-880-5978	WASHER FLAT:	MS15795-807	(96906)	EA	4				*	*	*	*	*		1MP3MP1H1	
PAHZZ	5310-933-8119	WASHER LOCK:	MS35338-137	(96906)	EA	1				*	*	*	*	*		1MP3MP1H1	
PAHZZ	5340-266-0763	BUMPER RUBBER:	251	(70485)	EA	REF				*	*	*	*	*		1MP3MP2	
PAHZZ	5305-519-6590	SCREW MACHINE:	MS51957-126	(96906)	EA	1				*	*	*	*	*		1MP3MP2H1	
PAHZZ	5310-880-5978	WASHER FLAT:	MS15795-807	(96906)	EA	1				*	*	*	*	*		1MP3MP2H1	
PAHZZ	5310-933-8119	WASHER LOCK:	MS35338-137	(96906)	EA	1				*	*	*	*	*		1MP3MP2H1	
PAHZZ	5340-266-0763	BUMPER RUBBER:	251	(70485)	EA	REF				*	*	*	*	*		1MP3MP3	
PAHZZ	5305-519-6590	SCREW MACHINE:	MS51957-126	(96906)	EA	1				*	*	*	*	*		1MP3MP3H1	
PAHZZ	5310-880-5978	WASHER FLAT:	MS15795-807	(96906)	EA	1				*	*	*	*	*		1MP3MP3H1	
PAHZZ	5310-933-8119	WASHER LOCK:	MS35338-137	(96906)	EA	1				*	*	*	*	*		1MP3MP3H1	
PAHZZ	5340-266-0763	BUMPER RUBBER:	251	(70485)	EA	REF				*	*	*	*	*		1MP3MP4	
PAHZZ	5305-519-6590	SCREW MACHINE:	MS51957-126	(96906)	EA	1				*	*	*	*	*		1MP3MP4H1	
PAHZZ	5310-880-5978	WASHER FLAT:	MS15795-807	(96906)	EA	1				*	*	*	*	*		1MP3MP4H1	
PAHZZ	5310-933-8119	WASHER LOCK:	MS35338-137	(96906)	EA	1				*	*	*	*	*		1MP3MP4H1	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS.	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
PAHZZ	5340-598-7099	GROMMET RUBBER: 1561 (70485)	EA	2				*	*	*	*	*	1MP3MP5	
PAHZZ	5340-598-7099	GROMMET RUBBER: 1561 (70485)	EA	REF				*	*	*	*	*	1MP3MP6	
PAHZZ		RETAINER STAND: 3180295-1 (24624)	EA	2				*	*	*	*	*	1MP3MP7	
PAHZZ	5305-054-6654	SCREW MACHINE: MS51957-30 (96906)	EA	2				*	*	*	*	*	1MP3MP7H2	
PAHZZ	5310-773-7624	WASHER FLAT: NAS620C6 (80205)	EA	2				*	*	*	*	*	1MP3MP7H2	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	2				*	*	*	*	*	1MP3MP7H2	
PAHZZ		RETAINER STAND: 3180295-1 (24624)	EA	REF				*	*	*	*	*	1MP3MP8	
PAHZZ	5305-054-6654	SCREW MACHINE: MS51957-30 (96906)	EA	2				*	*	*	*	*	1MP3MP8H2	
PAHZZ	5310-773-7624	WASHER FLAT: NAS620C6 (80205)	EA	2				*	*	*	*	*	1MP3MP8H2	
PAHZZ	5310-929-6395	WASHER LOCK: MS35338-136 (96906)	EA	2				*	*	*	*	*	1MP3MP8H2	
PAHZZ	5365	SPACER: 2180380-1 (24624)	EA	4				*	*	*	*	*	1MP3MP9	
PAHZZ	5365	SPACER: 2180380-1 (24624)	EA	REF				*	*	*	*	*	1MP3MP10	
PAHZZ	5365	SPACER: 2180380-1 (24624)	EA	REF				*	*	*	*	*	1MP3MP11	
PAHZZ	5365	SPACER: 2180380-1 (24624)	EA	REF				*	*	*	*	*	1MP3MP12	
PAHZZ	5999	STRIP RFI: 01-1101-1758 (12881)	EA	2				*	*	*	*	*	1MP3MP13	
PAHZZ		STRIP RFI: 01-1101-1758 (12881)	EA	REF				*	*	*	*	*	1MP3MP14	
PAHZZ	6625	STAND TILT: 2180052-1 (24624)	EA	1				*	*	*	*	*	1MP3MP15	
PAHZZ	6625	COVER BOTTOM: 4380132-502 (24624)	EA	1				*	*	*	*	*	1MP3MP16	
PAHZZ	6625	FRAME FILTER: 2180035-1 (24624)	EA	1				*	*	*	*	*	1MP3MP16MP1	
PAHZZ	5320-948-7332	RIVET TUBULAR MS16535-115 (96906)	EA	10				*	*	*	*	*	1MP3MP16MP1H10	
PAHZZ	6625	SCREEN FILTER: 2180034-1 (24624)	EA	1				*	*	*	*	*	1MP3MP16MP2	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	8				*	*	*	*	*	1MP4	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP5	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP6	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP7	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP8	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP9	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP10	
PAHZZ	5325-174-5317	GROMMET RUBBER: MS35489-4 (96906)	EA	REF				*	*	*	*	*	1MP11	
AHHHD		PROTECTOR SET: 4380296-501 (24624)	EA	1									1MP12	
PAHZZ	5305-054-6668	SCREW MACHINE: MS51957-43 (96906)	EA	32				*	*	*	*	*	1MP12H32	
PAHZZ	5310-880-5978	WASHER FLAT: MS15795-807 (96906)	EA	32				*	*	*	*	*	1MP12H32	
AHHHD		PROTECTOR LEFT SIDE: 4380296-502 (24624)	EA	1									1MP12MP1	
PAHZZ	5305-054-6669	SCREW MACHINE: MS51957-44 (96906)	EA	6				*	*	*	*	*	1MP12MP1H6	
PAHZZ	5340-052-7065	HANDLE: SS8 (08730)	EA	1				*	*	*	*	*	1MP12MP1MP1	
PAHZZ	5305-043-0267	SCREW MACHINE: MS24693C274 (96906)	EA	2				*	*	*	*	*	1MP12MP1MP1H2	
PAHZZ	5340-998-3167	FERRULE: SSF (08730)	EA	2				*	*	*	*	*	1MP12MP1MP2	
AHHHD		PROTECTOR RIGHT SIDE: 4380296-503 (24624)	EA	1									1MP12MP2	
PAHZZ	5305-054-6669	SCREW MACHINE: MS51957-44 (96906)	EA	6				*	*	*	*	*	1MP12MP2H6	
PAHZZ	5340-052-7065	HANDLE: SS8 (08730)	EA	1				*	*	*	*	*	1MP12MP2MP1	
PAHZZ	5305-043-0267	SCREW MACHINE: MS24693C274 (96906)	EA	2				*	*	*	*	*	1MP12MP2MP1H2	
PAHZZ	5340-998-3167	FERRULE: SSF (08730)	EA	2				*	*	*	*	*	1MP12MP2MP2	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SHP CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
AHHHD		BAG PLASTIC:	4380296-12	(24624)	EA	1										1MP12MP3
PAHZZ	6625	SHIELD ASSY:	3280139-501	(24624)	EA	1			*	*	*	*	*			1MP13
PAHZZ	5305-054-5647	SCREW MACHINE:	MS51957-13	(96906)	EA	2			*	*	*	*	*			1MP13H2

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
3020-900-2286		1A21MP8MP1	5305-054-6652		2A1C5H1
3120-287-7412		1A2NP91MP1	5305-054-6652		1A1C7H1
5305-043-0267		1MP12MP2MP1H2	5305-054-6652		1A1MP17H1
5305-054-5635		1A2E36H1	5305-054-6652		1A1MP18H1
5305-054-5635		1A2E37H1	5305-054-6652		1A1MP36H1
5305-054-5637		1A1MP54H1	5305-054-6652		1A1MP53H1
5305-054-5637		1A1MP55H1	5305-054-6652		1A1MP56H1
5305-054-5638		1A1MP3H2	5305-054-6652		1A1MP57H1
5305-054-5638		1A1MP4H1	5305-054-6653		1MP2H4
5305-054-5638		2A1R50H2	5305-054-6653		1MP3H4
5305-054-5647		2MP13H2	5305-054-6653		1A1MP73H1
5305-054-5647		1A2A2H4	5305-054-6653		1A1MP73MP1H2
5305-054-5647		1A2A3H2	5305-054-6653		1A1MP74H1
5305-054-5648		1A1E47H1	5305-054-6653		1A1MP75H1
5305-054-5648		1A1J8H2	5305-054-6653		1A2MP1H1
5305-054-5648		1A1J9H2	5305-054-6653		1A2MP2H1
5305-054-5648		1A141OKP1H2	5305-054-6653		1A2MP9H7
5305-054-5648		1A1A12KP1H2	5305-054-6653		1A2MP15H1
5305-054-5648		3A1A13MP1H2	5305-054-6653		1A2MP16H1
5305-054-5648		1A1A14MP1H2	5305-054-6654		1A1C1H1
5305-054-5648		1A1A15MP1H2	5305-054-6654		1A1MP44H1
5305-054-5648		2A1A16MP1H2	5305-054-6654		1A3C1H1
5305-054-5648		1A1A17MP1H2	5305-054-6654		1MP3MP7H2
5305-054-5648		1A1A18MP1H2	5305-054-6654		1MP3MP8H2
5305-054-5648		1A1A19MP1H2	5305-054-6655		1A1MP38H2
5305-054-5649		1A1A1Q5H2	5305-054-6655		1A1MP46H1
5305-054-5649		1A1A1Q7H2	5305-054-6656		1A1MP15H4
5305-054-5649		1A1MP58H1	5305-054-6656		1A1MP462H1
5305-054-5649		1A1XA1H2	5305-054-6659		1A1MP2H2
5305-054-5649		1A1XA2H2	5305-054-6668		1MP12H32
5305-054-5649		1A1XA3H2	5305-054-6669		1MP12MP1H6
5305-054-5649		1A1XA4H2	5305-054-6669		1MP12MP2H6
5305-054-5649		1A1RA5H1	5305-054-6671		1A1J11H4
5305-054-5649		1A1RA7H2	5305-056-9961		1A3P1H4
5305-054-5649		2A1XA8H2	5305-056-9961		1A3Y1H6
5305-054-5649		1A1XA9H2	5305-059-5650		1A1A1Q1H2
5305-054-5649		1A1XA10H2	5305-066-7327		1A1MP40H1
5305-054-5649		1A1RA11H1	5305-066-7327		1A1MP42H1
5305-054-5649		1A1XA12H2	5305-066-7327		1AW51H1
5305-054-5649		1A1XA13H2	5305-066-7328		1MP2H2
5305-054-5649		1A1XA14H2	5305-066-7328		1MP3H2
5305-054-5649		1A1XA15H2	5305-229-3614		1A3MP12
5305-054-5649		1A1XA16H2	5305-519-6590		1MP3MP1H1
5305-054-5649		1A1XA17H2	5305-519-6590		11MP3MP2H1
5305-054-5649		1A1XA19H2	5305-519-6590		1MP3MP3H1
5305-054-5649		1A3MP5H4	5305-519-6590		1103MP4H1
5305-054-5651		1A1FL1H4	5305-531-0137		1A2MP11H2
5305-054-5651		1A2XA1H2	5305-814-1707		1A1MP73MP1H2
5305-054-5651		1A3Q1H2	5305-833-8650		1A2S4H2
5305-054-5652		1A1E46H1	5305-948-9818		1A1A1MP1H2
5305-054-5652		1A1KA5H1	5305-958-2918		1A1E52H1
5305-054-5652		1A1A6H2	5305-958-2918		1A2MP43H1
5305-054-5652		1A1XA11H1	5310-003-9264		1A2MP12H1
5305-054-6651		1MP2H5	5310-058-0513		1A1MP60
5305-054-6651		1MP3H4	5310-058-0513		1A1MP61
5305-054-6651		1A1C2H2	5310-125-9929		1A1A1Q1H2
5305-054-6651		1A1C3H2	5310-125-9929		1A1A1Q5H2
5305-054-6651		1A1C5H2	5310-125-9929		1A1A1Q7H2
5305-054-6651		1A1C7H2	5310-180-0277		1A2MP12H1
5305-054-6651		1A1E18H1	5310-225-8959		1A1MP68
5305-054-6651		1A1E19H1	5310-225-8959		1A2MP69
5305-054-6651		1A1MP68H1	5310-225-8959		1A1MP70
5305-054-6651		1A1MP69H1	5310-225-8959		1A1MP71
5305-054-6651		1A1MP70H1	5310-225-8959		1A1MP72
5305-054-6651		1A1MP71H1	5310-543-4652		1A2E36H1
5305-054-6651		1A1MP72H1	5310-543-4652		1A2E37H1
5305-054-6651		1A3A1H4	5310-550-3715		1A1E47H2
5305-054-6652		1A1C2H1	5110-595-6211		1A1FL1H2
5305-054-6652		1A1C3H1	5310-595-6211		1A1MP54H1

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5310-595-6211		1A1MP58H1	5310-929-6395		1A1MP44H1
5310-595-6211		1A1A1Q1H2	5310-929-6395		1A1MP46H1
5310-595-6211		1A1A1Q5H2	5310-929-6395		1A1MP51H1
5310-595-6211		1A1A1Q7H2	5310-929-6395		1A1MP55H1
5310-595-6211		1A1A6E1H6	5310-929-6395		1A1MP62H1
5310-595-6211		1A1A11MP1H4	5310-929-6395		1A1MP68H1
5310-595-6211		1A1A12MP1H2	5310-929-6395		1A1MP69H1
5310-595-6211		1A1A13MP1H2	5310-929-6395		1A1MP70H1
5310-595-6211		1A1A14MP1H2	5310-929-6395		1A1MP71H1
5310-595-6211		1A1A15MP1H2	5310-929-6395		1A1MP72H1
5310-595-6211		1A1A16MP1H2	5310-929-6395		1A1MP73H1
5310-595-6211		1A1A17MP1H2	5310-929-6395		1A1MP74H1
5310-595-6211		1A1A18MP1H2	5310-929-6395		1A1MP75H1
5310-595-6211		1A1A19MP1H2	5310-929-6395		1A2MP1H1
5310-595-6211		1A2XA1H2	5310-929-6395		1A2MP9H7
5310-595-6211		1A2A2H4	5310-929-6395		1A2MP15H1
5310-595-6211		1A2A3H2	5310-929-6395		1A2MP16H1
5310-595-6211		1A3MP5H4	5310-929-6395		1A3C1H1
5310-595-6211		1A3Q1H2	5310-929-6395		1A3T1H4
5310-619-1148		1A2MP6H1	5310-929-6395		1A3A1H4
5310-655-9401		1A1MP36H1	5310-933-8118		1A1E46H1
5310-722-5998		1M13H8	5310-933-8118		1A1FL1H4
5310-722-5998		1A1E51H2	5310-933-8118		1A1J8H2
5310-722-5998		1A1MP2H2	5310-933-8118		1A1J9H2
5310-722-5998		1A1MP17H1	5310-933-8118		1A1J11H4
5310-722-5998		1A1MP18H1	5310-933-8118		1A1MP54H1
5310-722-5998		1A1MP38H2	5310-933-8118		1A1XA1H2
5310-722-5998		1A1MP40H1	5310-933-8118		1A1A1QLH2
5310-722-5998		1A1MP42H1	5310-933-8118		1A1A1Q5H2
5310-722-5998		1A1MP43H1	5310-933-8118		1A1A1Q7H2
5310-722-5998		1A1MP44H1	5310-933-8118		1A1XA2H2
5310-722-5998		1A1MP46H1	5310-933-8118		1A1XA3H2
5310-722-5998		1A1MP51H1	5310-933-8118		1A1XA4H2
5310-722-5998		1A1MP53H1	5310-933-8118		3A1XA5H2
5310-722-5998		1A1MP55H1	5310-933-8118		1A1A6E1H6
5310-722-5998		1A1MP62H1	5310-933-8118		1A1XA6H2
5310-722-5998		1A2MP1H1	5310-933-8118		1A1XA7H2
5310-722-5998		1A2MP2H1	5310-933-8118		1A1XA8H2
5310-722-5998		1A3A1H4	5310-933-8118		1A1RA9H2
5310-773-7624		1MP3MP7H2	5310-933-8118		1A1XA10H2
5310-773-7624		1MP3MP8H2	5910-933-8118		1A1A10MP1H2
5310-812-4294		1A1MP73MP1H2	5310-933-8118		1A1XA11H2
5310-880-5978		1MP3MP1H1	5310-933-8118		1A1XA12H2
5310-880-5978		1MP3MP2H1	5310-933-8118		1A1XA13H2
5310-880-5978		1MP3MP3H1	5310-933-8118		1A1XA14H2
5310-880-5978		1MP3MP4H1	5310-933-8118		1A1XA15H2
5310-880-5978		1MP12H32	5310-933-8118		1A1XA16H2
5310-880-5978		1A1J11H4	5310-933-8118		1A1XA17H2
5310-928-2690		1A1MP3H2	5310-933-8118		1A1XA19H2
5310-928-2690		1A1MP4H1	5310-933-8118		1A2S4H2
5310-928-2690		1A1MP73MP1H2	5310-933-8118		1A2XA1H2
5310-928-2690		1A1R50H2	5310-933-8118		1A2A2H4
5310-929-6395		1MP3MP7H2	5310-933-8118		1A3Q1H1
5310-929-6395		1MP3MP8H2	5310-933-8119		1MP3MP1H1
5310-929-6395		1A1C1H1	5310-933-8119		1MP3MP2H1
5310-929-6395		1A1C2H1	5310-933-8119		1MP3MP3H1
5310-929-6395		1A1C3H1	5310-933-8119		1MP3MP4H1
5310-929-6395		1A1C5H1	5310-933-8120		2A1FL1H1
5310-929-6395		1A1C7H1	5310-934-9759		1A1J11H4
5310-929-6395		1A1E51H2	5310-934-9761		1A1C2H1
5310-929-6395		1A1E52H1	5310-934-9761		1A1C3H1
5310-929-6395		1A1MP2H1	5310-934-9761		1A1C5H1
5310-929-6395		1A1MP17H1	5310-934-9761		1A1C7H1
5310-929-6395		1A1MP18H1	5310-934-9761		1A1E19H1
5310-929-6395		1A1MP36H1	5310-934-9761		1A1E51H1
5310-929-6395		1A1MP38H2	5310-934-9761		1A1E52H1
5310-929-6395		1A1MP40H1	5310-934-9761		1A1KP2H1
5310-929-6395		1A1MP42H1	5310-934-9761		1A1MP38H2
5310-929-6395		1A1MP43H1	5310-934-9761		1A1MP40H

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5310-934-9761		1A1MP42H1	5355-771-7868	5-9	1A1MPT14
5310-934-9761		1A1MP43H1	5355-771-7868	5-37	1A1MP5
5310-934-9761		1A1MP44H2	5355-842-3111		1A2MP5
5310-934-9761		1A1MP46H1	5365-600-6707		1A3MP11
5310-934-9761		1A1MP51H1	5905-057-9659	5-11	1A1A22K23
5310-934-9761		1A1KP73H11	5935-057-9659	5-12	1A1A23R36
5310-934-9761		1A1MP74H1	5905-060-8513	5-39	1A1A1R2
5310-934-9761		1A1MP75H1	5905-067-5576	5-11	1A1A22R21
5310-934-9761		1A2MP1H1	5905-067-5576	5-12	1A1A23R34
5310-934-9761		1A2MP2H1	5905-068-1538	5-44	1A1A8R27
5310-934-9761		1A3C1H1	5905-069-2153	5-39	1A1A1R18
5310-934-9761		1A3T1H4	5905-078-8799	5-11	1A1A22R25
5310-935-9765		1A1E3H1	5905-078-8799	5-12	1A1A23R38
5310-935-9765		1A1FL1H2	5935-104-8358	5-40	1A1A2R44
5310-935-9765		1A1MP49H1	5935-104-8358	5-40	1A1A2R48
5310-965-1802		1MP2H9	5905-104-8358	5-40	1A1A2R49
5315-286-4888		1A2MP8MP2	5905-104-8358	5-40	1A1A2R90
5320-948-7332		1MP3MP16MP1H10	5905-104-8358	5-40	1A1A3R44
5325-174-5317		1MP4	5905-104-8358	5-40	1A1A3R48
5325-174-5317		1MP5	5905-104-8358	5-40	1A1A3R49
5325-174-5317		1MP6	5905-104-8358	5-40	1A1A3R90
5325-174-5317		1MP7	5905-104-8358	5-40	1A1A4R44
5325-174-5317		1MP8	5905-104-8358	5-40	1A1A4R48
5325-174-5317		1MP9	5905-104-8358	5-40	1A1A4R49
5325-174-5317		1MP10	5905-104-8358	5-40	1A1A4R90
5325-174-5317		1MP11	5905-104-8358	5-41	1A1A5R41
5325-185-0012		1A3MP9	5905-104-8358	5-42	1A1A6R57
5325-185-0017		1MY1MPMP1	5905-104-8358	5-43	1A1A7R4
5325-276-4205		1A1MP21	5905-104-8358	5-44	1A1A8R1
5325-276-4205		1A1MP22	5905-104-8358	5-44	1A1A8R3
5325-276-4205		1A1MP23	5905-104-8358	5-44	1A1A8R19
5325-421-9958		1A1MP19	5905-104-8358	5-45	1A1A9R5
5325-721-7367		1A1MP26	5905-104-8358	5-45	1A1A9R21
5325-721-7367		1A1MP27	5905-104-8358	5-45	1A1A9R24
5325-721-7367		1A1MP28	5905-104-8358	5-45	1A1A9R41
5325-721-7367		1A1MP29	5905-104-8358	5-45	1A1A9R45
5325-721-7367		1A1MP30	5905-104-8358	5-45	1A1A9R55
5325-721-7367		1A1MP31	5905-104-8358	5-45	1A1A9R59
5325-721-7367		1A1MP32	5905-104-8358	5-45	1A1A9R71
5325-721-7367		1A1MP33	5905-104-8358	5-45	1A1A9R75
5325-721-7367		1A1MP34	5905-104-8358	5-46	1A1A10R8
5325-721-7367		1A1MP35	5905-104-8358	5-46	1A1A10R32
5330-900-0590		1A1MP64	5905-104-8358	5-46	3A1A10R41
5340-052-7065		1MP12MP1MP1	5905-104-8358	5-48	3A1A12R42
5340-052-7065		1MP12MP2MP1	5905-104-8358	5-48	1A1A12R51
5340-266-0763		1MP3MP1	5905-104-8358	5-48	1A1A12R75
5340-266-0763		1MP3MP2	5905-104-8358	5-48	1A1A13R42
5340-266-0763		1MP3MP3	5905-104-8358	5-48	1A1A13R51
5340-266-0763		1MP3MP4	5905-104-8358	5-48	1A1A13R75
5340-336-8164		1A1MP55	5905-104-8358	5-48	1A1A14R42
5340-336-8164		1A1MP56	5905-104-8358	5-48	1A1A14R51
5340-336-8164		1A1KP57	5905-104-8358	5-48	1A1A14R75
5340-558-7867		1A1KP54	5905-104-8358	5-48	1A1A15R42
5340-565-0011		1A2MP6	5905-104-8358	5-48	1A1A15R51
5340-565-0011		1A2MP15	5905-104-8358	5-48	1A1A15R75
5340-598-7099		1MP3MP5	5905-104-8358	5-48	1A1A16R42
5340-598-7099		1MP3MP6	5905-104-8358	5-48	1A1A16R51
5340-680-4084		1A1MP38	5905-104-8358	5-48	1A1A16R75
5340-680-4084		1A1MP46	5905-104-8358	5-49	1A1A17R42
5340-687-9645		1A1MP42	5905-104-8358	5-49	1A1A17R44
5340-793-6353		1A1MP47	5905-104-8358	5-49	1A1A17R51
5340-849-8144		1A1MP48	5905-104-8358	5-49	1A1A17R52
5340-891-1693		1A1MP49	5905-104-8358	5-49	1A1A17R75
5340-998-3167		1MP12MP1MP2	5905-104-8358	5-49	1A1A18R42
5340-998-3167		1MP12MP2MY2	5905-104-8358	5-49	1A1A18R44
5355-616-9604	5-37	1A1MP13	5905-104-8358	5-49	1A1A18R51
5355-725-6095	5-9	1A1MP8	5905-104-8358	5-49	1A1A18R52
5355-725-6095	5-9	1A1KP9	5905-104-8358	5-49	1A1A18R75
5355-771-7865	5-9	1A1MP11	5905-104-8358	5-50	1A1A19R42
5355-771-7865	5-9	1A1MP12	5905-104-8358	5-50	1A1A19R51

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-104-8358		1A1A19R55	5905-110-7622	5-48	1A1A14R33
5905-104-8358	5-50	1A1A19R59	5905-110-7622	5-48	1A1A14R44
5905-104-8358	5-50	1A1A19R64	5905-110-7622	5-48	1A1A14R52
5905-104-8358	5-50	1A1A19R69	5905-110-7622	5-48	1A1A15R17
5905-104-8358	5-50	111A19R74	5905-110-7622	5-48	1A1A15R21
5905-106-9344	5-52	1A2R47	5905-110-7622	5-48	1A1A15R25
5905-110-7622	5-40	1A1A2R3	5905-110-7622	5-48	1A1A15R29
5905-110-7622	5-40	1A1A2R11	5905-110-7622	5-48	1A1A15R33
5905-110-7622	5-40	1A1A2R51	5905-110-7622	5-48	1A1A15R44
5905-110-7622	5-40	1A1A2R58	5905-110-7622	5-48	1A1A15R52
5905-110-7622	5-40	1A1A3R3	5905-110-7622	5-48	1A1A16R21
5905-110-7622	5-40	1A3R11	5905-110-7622	5-48	1A1A16R25
5905-110-7622	5-40	1A1A3R51	5905-110-7622	5-48	1A1A16R29
5905-110-7622	5-40	1A1A3R58	5905-110-7622	5-48	1A1A16R33
5905-110-7622	5-40	1A1A4R3	5905-110-7622	5-48	1A1A16R44
5905-110-7622	5-40	1A1A4R11	5905-110-7622	5-48	1A1A16R52
5905-110-7622	5-40	1A1A4R51	5905-110-7622	5-49	1A1A17R17
5905-110-7622	5-40	1A1A4R58	5905-110-7622	5-49	1A1A17R21
5905-110-7622	5-41	1A1A5R4	5905-110-7622	5-49	1A1A17R25
5905-110-7622	5-41	1A1A5R7	5905-110-7622	5-49	1A1A17R29
5905-110-7622	5-41	1A1A5R12	5905-110-7622	5-49	1A1A17R33
5905-110-7622	5-41	1A1A5R15	5905-110-7622	5-49	1A1A17R45
5905-110-7622	5-41	1A1A5R20	5905-110-7622	5-49	1A1A17R49
5905-110-7622	5-41	1A1A5R23	5905-110-7622	5-49	1A1A17R55
5905-110-7622	5-41	1A1A5R54	5905-110-7622	5-49	1A1A17R59
5905-110-7622	5-41	1A1A5R58	5905-110-7622	5-49	1A1A17R65
5905-110-7622	5-41	1A1A5R62	5905-110-7622	5-49	1A1A17R69
5905-110-7622	5-41	1A1A5R64	5905-110-7622	5-49	1A1A17R76
5905-110-7622	5-41	1A1A5R66	5905-110-7622	5-49	1A1A17R80
5905-110-7622	5-42	1A1A6R2	5905-110-7622	5-49	1A1A18R17
5905-110-7622	5-42	1A1A6R4	5905-110-7622	5-49	1A1A18R21
5905-110-7622	5-42	1A1A6R5	5905-110-7622	5-49	1A1A18R25
5905-110-7622	5-43	1A1A7R29	5905-110-7622	5-49	1A1A18R29
5905-110-7622	5-43	1A17R30	5905-110-7622	5-49	1A1A18R33
5905-110-7622	5-44	1A1A8R16	5905-110-7622	5-49	1A1A18R45
5905-110-7622	5-45	1A1A9R20	5905-110-7622	5-49	1A1A18R49
5905-110-7622	5-45	1A1A9R44	5905-110-7622	5-49	1A1A18R55
5905-110-7662	5-45	1A1A9R58	5905-110-7622	5-49	1A1A18R59
5905-110-7622	5-45	1A1A9R74	5905-110-7622	5-49	1A1A18R65
5905-110-7622	5-46	1A1A10R1	5905-110-7622	5-49	1A1A18R69
5905-110-7622	5-46	1A1A10R36	5905-110-7622	5-49	1A1A18R76
5905-110-7622	5-47	1A1A11R20	5905-110-7622	5-49	1A1A18R80
5905-110-7622	5-47	1A1A11R23	5905-110-7622	5-50	1A1A19R17
5905-110-7622	5-47	1A1A11R27	5905-110-7622	5-50	1A1A19R21
5905-110-7622	5-47	1A1A11R34	5905-110-7622	5-50	1A1A19R25
5905-110-7622	5-47	1A1A11R35	5905-110-7622	5-50	1A1A19R29
5905-110-7622	5-47	1A1A11R57	5905-110-7622	5-50	1A1A19R33
5905-110-7622	5-47	1A1A11R60	5905-110-7622	5-51	1A1A20R16
5905-110-7622	5-47	1A1A11R64	5905-110-7622	5-55	1A2A2R43
5905-110-7622	5-47	1A1A11R71	5905-110-7622	5-57	1A3A1R15
5905-110-7622	5-47	1A1A11R72	5905-114-0711	5-40	1A1A2R1
5905-110-7622	5-48	1A1A12R17	5905-114-0711	5-40	1A1A2R80
5905-110-7622	5-48	1A1A12R21	5905-114-0711	5-40	1A1A3R1
5905-110-7622	5-48	11A1A12R25	5905-114-0711	5-40	1A1A3R80
5905-110-7622	5-48	1A1A12R2 9	5905-114-0711	5-40	1A1A4R1
5905-110-7622	5-48	1A1A12R33	5905-114-0711	5-40	1A1A4R80
5905-110-7622	5-48	1A1A12R44	5905-114-0711	5-41	1A1A5R3
5905-110-7622	5-48	1A1A12R52	5905-114-0711	5-41	1A1A5R27
5905-110-7622	5-48	1A1A13R17	5905-114-0711	5-41	1A1A5R29
5905-110-7622	5-48	1A1A13R21	5905-114-0711	5-41	1A1A5R32
5905-110-7622	5-48	1A1A13R25	5905-114-0711	5-41	1A1A5R39
5905-110-7622	5-48	1A1A13R29	5905-114-0711	5-41	1A1A5R48
5905-110-7622	5-48	1A1A13R33	5905-114-0711	5-42	1A1A6R10
5905-110-7622	5-48	1A1A13R44	5905-114-0711	5-42	1A1A6R11
5905-110-7622	5-48	1A1A14R17	5905-114-0711	5-42	1A1A6R12
5905-110-7622	5-48	1A1A14R21	5905-114-0711	5-42	1A1A6R16
5905-110-7622	5-48	1A7A14R25			
5905-110-7622	5-48	1A1A14R29			

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-114-0711		1A1A6R19	5905-681-6462	5-40	1A1A2R67
5905-114-0711	5-42	1A1A6R32	5905-681-6462	5-40	1A1A2R70
5905-114-0711	5-42	1A1A6R34	5905-681-6462	5-40	1A1A2R77
5905-114-0711	5-42	1A1A6R35	5905-681-6462	5-40	1A1A2R81
5905-114-0711	5-42	1A1A6R36	5905-681-6462	5-40	1A1A2R87
5905-114-0711	5-42	1A1A6R39	5905-681-6462	5-40	1A1A3R2
5905-114-0711	5-42	1A1A6R42	5905-681-6462	5-40	1A1A3R10
5905-114-0711	5-42	1A1A6R45	5905-681-6462	5-40	1A1A3R13
5905-114-0711	5-42	1A1A6R51	5905-681-6462	5-40	1A1A3R20
5905-114-0711	5-42	1A1A6R55	5905-681-6462	5-40	1A1A3R23
5905-114-0711	5-43	1A1A7R37	5905-681-6462	5-40	1A1A3R30
5905-114-0711	5-44	1A1A8R6	5905-681-6462	5-40	1A1A3R32
5905-114-0711	5-44	1A1A8R7	5905-681-6462	5-40	1A1A3R39
5905-114-0711	5-44	1A1A8R10	5905-681-6462	5-40	1A1A3R50
5905-114-0711	5-44	1A1A8R18	5905-681-6462	5-40	1A1A3R57
5905-114-0711	5-45	1A1A9R2	5905-681-6462	5-40	1A1A3R60
5905-114-0711	5-45	1A1A9R30	5905-681-6462	5-40	1A1A3R67
5905-114-0711	5-45	1A1A9R31	5905-681-6462	5-40	1A1A3R70
5905-114-0711	5-46	1A1A10R16	5905-681-6462	5-40	1A1A3R77
5905-114-0711	5-46	1A1A10R20	5905-681-6462	5-40	1A1A3R81
5905-114-0711	5-46	1A1A10R46	5905-681-6462	5-40	1A1A3R87
5905-114-0711	5-46	1A1A10R47	5905-681-6462	5-40	1A1A4R2
5905-114-0711	5-47	1A1A11R26	5905-681-6462	5-40	1A1A4R10
5905-114-0711	5-47	1A1A11R63	5905-681-6462	5-40	1A1A4R13
5905-114-0711	5-48	1A1A12R62	5905-681-6462	5-40	1A1A4R20
5905-114-0711	5-48	1A1A12R82	5905-681-6462	5-40	1A1A4R23
5905-114-0711	5-48	1A1A13R62	5905-681-6462	5-40	1A1A4R30
5905-114-0711	5-48	1A1A13R82	5905-681-6462	5-40	1A1A4R32
5905-114-0711	5-48	1A1A14R62	5905-681-6462	5-40	1A1A4R39
5905-114-0711	5-48	1A1A14R82	5905-681-6462	5-40	1A1A4R50
5905-114-0711	5-48	1A1A15R62	5905-681-6462	5-40	1A1A4R57
5905-114-0711	5-48	1A1A15R82	5905-681-6462	5-40	1A1A4R60
5905-114-0711	5-48	1A1A16R62	5905-681-6462	5-40	1A1A4R67
5905-114-0711	5-48	1A1A16R82	5905-681-6462	5-40	1A1A4R70
5905-114-0711	5-49	1A1A17R62	5905-681-6462	5-40	1A1A4R77
5905-114-0711	5-49	1A1A17R82	5905-681-6462	5-40	1A1A4R81
5905-114-0711	5-49	1A1A18R62	5905-681-6462	5-40	1A1A4R87
5905-114-0711	5-49	1A1A18R82	5905-681-6462	5-41	1A1A5R2
5905-114-0711	5-50	1A1A19R52	5905-681-6462	5-41	1A1A5R8
5905-114-0711	5-53	1A2TB1R11	5905-681-6462	5-41	1A1A5R11
5905-114-0711	5-53	1A2TB1R13	5905-681-6462	5-41	1A1A5R16
5905-114-0711	5-55	1A2A1R10	5905-681-6462	5-41	1A1A5R19
5905-114-0711	5-55	1A2A2R15	5905-681-6462	5-41	1A1A5R24
5905-114-0711	5-55	1A2A2R40	5905-681-6462	5-41	1A1A5R53
5905-225-9389	5-11	1A1A22R22	5905-681-6462	5-41	1A15R59
5905-225-9389	5-12	1A1A23R35	5905-681-6462	5-42	1A1A6R14
5905-225-9393	5-11	1A1A22R24	5905-681-6462	5-42	1A1A6R18
5905-225-9393	5-12	1A1A23R37	5905-681-6462	5-42	1A1A6R21
5905-451-7513	5-53	1A2R3	5905-681-6462	5-42	1A1A6R23
5905-451-7513	5-53	1A2R4	5905-681-6462	5-42	1A1A6R27
5905-451-7513	5-53	1A2R6	5905-681-6462	5-42	1A1A6R38
5905-539-2567	5-52	1A2R46	5905-681-6462	5-42	1A1A6R41
5905-681-6462	5-10	1A1A21R7	5905-681-6462	5-42	1A1A6R44
5905-681-6462	5-11	1A1A22R32	5905-681-6462	5-42	1A1A6R47
5905-681-6462	5-12	1A1A23R45	5905-681-6462	5-42	1A1A6R50
5905-681-6462	5-39	1A1A1R6	5905-681-6462	5-43	1A1A7R25
5905-681-6462	5-39	1A1A1R13	5905-681-6462	5-45	1A1A9R9
5905-681-6462	5-39	1A1A1R21	5905-681-6462	5-46	1ALA10R12
5905-681-6462	5-40	1A1A2R2	5905-681-6462	5-46	1A1A10R13
5905-681-6462	5-40	1A1A2R10	5905-681-6462	5-46	1A1A10R18
5905-681-6462	5-40	1A1A2R13	5905-681-6462	5-46	1A1A10R21
5905-681-6462	5-40	1A1A2R20	5905-681-6462	5-46	1A1A10R51
5905-681-6462	5-40	1A1A2R23	5905-681-6462	5-47	1A1A11R3
5905-681-6462	5-40	1A1A2R30	5905-681-6462	5-47	1A1A11R4
5905-681-6462	5-40	1A1A2R32	5905-681-6462	5-47	1A1A11R14
5905-681-6462	5-40	1A1A2R39	5905-681-6462	5-47	1A1A11R25
5905-681-6462	5-40	1A1A2R50	5905-681-6462	5-47	1A1A11R31
5905-681-6462	5-40	1A1A2R57	5905-681-6462	5-47	1A1A11R40
5905-681-6462	5-40	1A1A2R60	5905-681-6462	5-47	1A1A11R41

**SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)**

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-681-6462	5-47	1A1A11R51	5905-681-6462	5-49	1A1A18R19
5905-681-6462	5-47	1A1A11R62	5905-681-6462	5-49	1A1A18R23
5905-681-6462	5-47	1A1A11R68	5905-681-6462	5-49	1A1A18R27
5905-681-6462	5-48	1A1A12R19	5905-681-6462	5-49	1A1A18R31
5905-681-6462	5-48	1A1A12R23	5905-681-6462	5-49	1A1A18R35
5905-681-6462	5-48	1A1A12R27	5905-681-6462	5-49	1A1A18R43
5905-681-6462	5-48	1A1A12R31	5905-681-6462	5-49	1A1A18R50
5905-681-6462	5-48	1A1A12R35	5905-681-6462	5-49	1A1A18R54
5905-681-6462	5-48	1A1A12R43	5905-681-6462	5-49	1A1A18R60
5905-681-6462	5-48	1A1A12R50	5905-681-6462	5-49	1A1A18R64
5905-681-6462	5-48	1A1A12R54	5905-681-6462	5-49	1A1A18R70
5905-681-6462	5-48	1A1A12R60	5905-681-6462	5-50	1A1A19R19
5905-681-6462	5-48	1A1A12R64	5905-681-6462	5-50	1A1A19R23
5905-681-6462	5-48	1A1A12R70	5905-681-6462	5-50	1A1A19R27
5905-681-6462	5-48	1A1A13R19	5905-681-6462	5-50	1A1A19R31
5905-681-6462	5-48	1A1A13R23	5905-681-6462	5-50	1A1A19R35
5905-681-6462	5-48	1A1A13R27	5905-681-6462	5-50	1A1A19R60
5905-681-6462	5-48	1A1A13R31	5905-681-6462	5-50	1A1A19R61
5905-681-6462	5-48	1A1A13R35	5905-681-6462	5-50	1A1A19R65
5905-681-6462	5-48	1A1A13R43	5905-681-6462	5-50	1A1A19R66
5905-681-6462	5-48	1A1A13R50	5905-681-6462	5-50	1A1A19R70
5905-681-6462	5-48	1A1A13R54	5905-681-6462	5-50	1A1A19R71
5905-681-6462	5-48	1A1A13R60	5905-681-6462	5-50	1A1A19R75
5905-681-6462	5-48	1A1A13R64	5905-681-6462	5-50	1A1A19R76
5905-681-6462	5-48	1A1A13R70	5905-681-6462	5-51	1A1A20R13
5905-681-6462	5-48	1A1A14R19	5905-681-6462	5-54	1A2A1R2
5905-681-6462	5-48	1A1A14R23	5905-681-6462	5-54	1A2A1R3
5905-681-6462	5-48	1A1A14R27	5905-681-6462	5-57	1A3A1R13
5905-681-6462	5-48	1A1A14R31	5905-681-6462	5-57	1A3A1R16
5905-681-6462	5-48	1A1A14R35	5905-681-8817	5-10	1A1A21R4
5905-681-6462	5-48	1A1A14R43	5905-681-8817	5-10	1A1A21R6
5905-681-6462	5-48	1A1A14R50	5905-681-8818	5-40	1A1A2R45
5905-681-6462	5-48	1A1A14R54	5905-681-8818	5-40	1A1A2R91
5905-681-6462	5-48	1A1A14R60	5905-681-8818	5-40	1A1A3R45
5905-681-6462	5-48	1A1A14R64	5905-681-8818	5-40	1A1A3R91
5905-681-6462	5-48	1A1A14R70	5905-681-8818	5-40	1A1A4R45
5905-681-6462	5-48	1A1A15R19	5905-681-8818	5-40	1A1A4R91
5905-681-6462	5-48	1A1A15R23	5905-681-8818	5-42	1A1A6R17
5905-681-6462	5-48	1A1A15R27	5905-681-8818	5-42	1A1A6R20
5905-681-6462	5-48	1A1A15R31	5905-681-8818	5-42	1A1A6R22
59-5-681-6462	5-48	1A1A15R35	5905-681-8818	5-42	1A1A6R25
5905-681-6462	5-48	1A1A15R43	5905-681-8818	5-42	1A1A6R37
5905-681-6462	5-48	1A1A15R50	5905-681-8818	5-42	1A1A6R40
5905-681-6162	5-48	1A1A15R54	5905-681-8818	5-42	1A1A6R43
5905-681-6462	5-48	1A1A15R60	5905-681-8818	5-42	1A1A6R46
5905-681-6462	5-48	1A1A15R64	5905-681-8818	5-42	1A1A6R48
5905-681-6462	5-48	1A1A15R70	5905-681-8818	5-43	1A1A7R27
5905-681-6462	5-48	1A1A16R19	5905-681-8818	5-44	1A1A8R15
5905-681-6462	5-48	1A1A16R23	5905-681-8818	5-44	1A1A8R42
5905-681-6462	5-48	1A1A16R27	5905-681-8818	5-46	1A1A10R22
5905-681-6462	5-48	1A1A16R31	5905-681-8818	5-46	1A1A10R24
5905-681-6462	5-48	1A1A16R35	5905-681-8818	5-49	1A1A17R48
5905-681-6462	5-48	1A1A16R43	5905-681-8818	5-49	1A1A17R58
5905-681-6462	5-48	1A1A16R50	5905-681-8818	5-49	1A1A17R68
5905-681-6462	5-48	1A1A16R54	5905-681-8818	5-49	1A1A17R79
5905-681-6462	5-48	1A1A16R60	5905-681-8818	5-49	1A1A18R48
5905-681-6462	5-48	1A1A16R64	5905-681-8818	5-49	1A1A18R58
5905-681-6462	5-48	1A1A16R70	5905-681-8818	5-49	1A1A18R68
5905-681-6462	5-49	1A1A17R19	5905-681-8818	5-49	1A1A18R79
5905-681-6462	5-49	1A1A17R23	5905-681-8818	5-55	1A2A2R19
5905-681-6462	5-49	1A1A17R27	5905-681-8818	5-55	1A2A2R29
5905-681-6462	5-49	1A1A17R31	5905-681-8818	5-55	1A2A2R33
5905-681-6462	5-49	1A1A17R35	5905-681-8818	5-57	1A3A1R10
5905-681-6462	5-49	1A1A17R43	5905-681-8818	5-57	1A3A1R14
5905-681-6462	5-49	1A1A17R50	5905-681-8819	5-48	1A1A12R37
5905-681-6462	5-49	1A1A17R54	5905-681-8819	5-48	1A1A13R37
5905-681-6462	5-49	1A1A17R60	5905-681-8819	5-48	1A1A14R37
5905-681-6462	5-49	1A1A17Q64	5905-681-8819	5-48	1A1A15R37
5905-681-6462	5-49	1A1A17R70	5905-681-8819	5-48	1A1A16R37

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-681-8819	5-49	1A1A17R37	5905-682-4107	5-45	1A1A9R18
5905-681-8819	5-49	1A1A18R37	5905-682-4107	5-45	1A1A9R25
5905-681-8819	5-50	1A1A19R37	5905-682-4107	5-45	1A1A9R40
5905-681-8853	5-42	1A1A6R26	5905-682-4107	5-45	1A1A9R46
5905-681-9021	5-47	1A1A11R2	5905-682-4107	5-45	1A1A9R54
5905-681-9021	5-47	1A1A11R39	5905-682-4107	5-45	1A1A9R60
5905-681-9969	5-11	1A1A22R30	5905-682-4107	5-45	1A1A9R70
5905-681-9969	5-12	1A1A23R43	5905-682-4107	5-45	1A1A9R76
5905-681-9969	5-42	1A1A6R28	5905-682-4107	5-55	1A2A2R41
5905-681-9969	5-44	1A1A8R31	5905-682-4109	5-45	1A1A9R10
5905-681-9969	5-46	1A1A10R3	5905-682-4109	5-46	1A1A10R25
5905-681-9969	5-46	1A1A10R11	5905-682-4109	5-47	1A1A11R21
5905-681-9969	5-46	1A1A10R27	5905-682-4109	5-47	1A1A11R58
5905-681-9969	5-48	1A1A12R18	5905-682-4109	5-54	1A2A1R1
5905-681-9969	5-48	1A1A12R22	5905-682-4109	5-57	1A3A1R11
5905-681-9969	5-48	1A1A12R26	5905-682-4109	5-57	1A3A1R12
5905-681-9969	5-48	1A1A12R30	5905-683-2235	5-53	1A2R7
5905-681-9969	5-48	1A1A12R34	5905-683-2235	5-55	1A2A2R36
5905-681-9969	5-48	1A1A13R18	5905-683-2236	5-43	1A1A7R16
5905-681-9969	5-48	1A1A13R22	5905-683-2236	5-45	1A1A9R29
5905-681-9969	5-48	1A1A13R26	5905-683-2236	5-51	1A1A20R18
5905-681-9969	5-48	1A1A13R30	5905-683-2236	5-55	1A2A2R23
5905-681-9969	5-48	1A1A13R34	5905-683-2236	5-55	1A2A2R32
5905-681-9969	5-48	1A1A14R18	5905-683-2236	5-55	1A2A2R37
5905-681-9969	5-48	1A1A14R22	5905-683-2238	5-10	1A1A21R5
5905-681-9969	5-48	1A1A14R26	5905-683-2238	5-11	1A1A22R28
5905-681-9969	5-48	1A1A14R30	5905-683-2238	5-12	1A1A23R41
5905-681-9969	5-48	1A1A14R34	5905-683-2238	5-40	1A1A2R4
5905-681-9969	5-48	1A1A15R18	5905-683-2238	5-40	1A1A2R9
5905-681-9969	5-48	1A1A15R22	5905-683-2238	5-40	1A1A2R14
5905-681-9969	5-48	1A1A15R26	5905-683-2238	5-40	1A1A2R15
5905-681-9969	5-48	1A1A15R30	5905-683-2238	5-40	1A1A2R19
5905-681-9969	5-48	1A1A15R34	5905-683-2238	5-40	1A3A2R21
5905-681-9969	5-48	1A1A16R18	5905-683-2238	5-40	1A1A2R24
5905-681-9969	5-48	1A1A16R22	5905-683-2238	5-40	1A1A2R25
5905-681-9969	5-48	1A1A16R26	5905-683-2238	5-40	1A1A2R29
5905-681-9969	5-48	1A1A16R30	5905-683-2238	5-40	1A1A2R31
5905-681-9969	5-48	1A1A16R34	5905-683-2238	5-40	1A1A2R33
5905-681-9969	5-49	1A1A17R18	5905-683-2238	5-40	1A1A2R34
5905-681-9969	5-49	1A1A17R22	5905-683-2238	5-40	1A1A2R38
5905-681-9969	5-49	1A1A17R26	5905-683-2238	5-40	1A1A2R40
5905-681-9969	5-49	1A1A17R30	5905-683-2238	5-40	1A1A2R52
5905-681-9969	5-49	1A1A17R34	5905-683-2238	5-40	1A1A2R56
5905-681-9969	5-49	1A1A18R18	5905-683-2238	5-40	1A1A2R61
5905-681-9969	5-49	1A1A18R22	5905-683-2238	5-40	1A1A2R62
5905-681-9969	5-49	1A1A18R26	5905-683-2238	5-40	1A1A2R66
5905-681-9969	5-49	1A1A18R30	5905-683-2238	5-40	1A1A2R68
5905-681-9969	5-49	1A1A18R34	5905-683-2238	5-40	1A1A2R71
5905-681-9969	5-50	1A1A19R18	5905-683-2238	5-40	1A1A2R72
5905-681-9969	5-50	1A1A19R22	5905-683-2238	5-40	1A1A2R76
5905-681-9969	5-50	1A1A19R26	5905-683-2238	5-40	1A1A2R78
5905-681-9969	5-50	1A1A19R30	5905-683-2238	5-40	1A1A2R79
5905-681-9969	5-50	1A1A19R34	5905-683-2238	5-40	1A1A2R82
5905-682-4098	5-40	1A1A2R43	5905-683-2238	5-40	1A1A2R86
5905-682-4098	5-40	1A1A2R89	5905-683-2238	5-40	1A1A2R88
5905-682-4098	5-40	1A1A3R43	5905-683-2238	5-40	1A1A3R4
5905-682-4098	5-40	1A1A3R89	5905-683-2238	5-40	1A1A3R9
5905-682-4098	5-40	1A1A4R43	5905-683-2238	5-40	1A1A3R14
5905-682-4098	5-40	1A1A4R89	5905-683-2238	5-40	1A1A3R15
5905-682-4098	5-42	1A3A6R9	5905-683-2238	5-40	1A1A3R19
5905-682-4098	5-42	1A1A6R15	5905-683-2238	5-40	1A1A3R21
5905-682-4098	5-44	1A148R14	5905-683-2238	5-40	1A1A3R24
5905-682-4098	5-44	1A1A8R45	5905-683-2238	5-40	1A1A3R25
5905-682-4098	5-46	1A1A10R17	5905-683-2238	5-40	1A1A3R29
5905-682-4098	5-46	1A1A10R33	5905-683-2238	5-40	1A1A3R31
5905-682-4098	5-46	1A1A10R40	5905-683-2238	5-40	1A1A3R33
5905-682-4098	5-51	1A1A20R17	5905-683-2238	5-40	1A1A3R34
5905-682-4106	5-36	1A1R49	5905-683-2238	5-40	1A1A3R38
5905-682-4106	5-53	1A2R17	5905-683-2238	5-40	1A1A3R40

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-683-2238	5-40	1A1A3R52	5905-683-2238	5-45	1A1A9R37
5905-683-2238	5-40	1A1A3R56	5905-683-2238	5-45	1A1A9R50
5905-683-2238	5-40	1A1A3R61	5905-683-2238	5-45	1A1A9R51
5905-683-2238	5-40	1A1A3R62	5905-683-2238	5-45	1A1A9R64
5905-683-2238	5-40	1A1A3R66	5905-683-2238	5-45	1A1A9R67
5905-683-2238	5-40	1A1A3R68	5905-683-2238	5-45	1A1A9R80
5905-683-2238	5-40	1A1A3R71	5905-683-2238	5-46	1A1A10R39
5905-683-2238	5-40	1A1A3R72	5905-683-2238	5-47	1A1A11R32
5905-683-2238	5-40	1A1A3R76	5905-683-2238	5-47	1A1A11R33
5905-683-2238	5-40	1A1A3R78	5905-683-2238	5-47	1A1A11R69
5905-683-2238	5-40	1A1A3R79	5905-683-2238	5-47	1A1A11R70
5905-683-2238	5-40	1A1A3R82	5905-683-2238	5-48	1A1A12R38
5905-683-2238	5-40	1A1A3R86	5905-683-2238	5-48	1A1A12R39
5905-683-2238	5-40	1A1A3R88	5905-683-2238	5-48	1A1A12R40
5905-683-2238	5-40	1A1A4R4	5905-683-2238	5-48	1A1A12R41
5905-683-2238	5-40	1A1A4R9	5905-683-2238	5-48	1A1A12R45
5905-683-2238	5-40	1A1A4R14	5905-683-2238	5-48	1A1A12R49
5905-683-2238	5-40	1A1A4R15	5905-683-2238	5-48	1A1A12R53
5905-683-2238	5-40	1A1A4R19	5905-683-2238	5-48	1A1A12R55
5905-683-2238	5-40	1A1A4R21	5905-683-2238	5-48	1A1A12R59
5905-683-2238	5-40	1A1A4R24	5905-683-2238	5-48	1A1A12R61
5905-683-2238	5-40	1A1A4R25	5905-683-2238	5-48	1A1A12R63
5905-683-2238	5-40	1A1A4R29	5905-683-2238	5-48	1A1A12R65
5905-683-2238	5-40	1A1A4R31	5905-683-2238	5-48	1A1A12R69
5905-683-2238	5-40	1A1A4R33	5905-683-2238	5-48	1A1A12R71
5905-683-2238	5-40	1A1A4R34	5905-683-2238	5-48	1A1A12R72
5905-683-2238	5-40	1A1A4R38	5905-683-2238	5-48	1A1A12R76
5905-683-2238	5-40	1A1A4R40	5905-683-2238	5-48	1A1A12R80
5905-683-2238	5-40	1A1A4R52	5905-683-2238	5-48	1A1A12R83
5905-683-2238	5-40	1A1A4R56	5905-683-2238	5-48	1A1A13R38
5905-683-2238	5-40	1A1A4R61	5905-683-2238	5-48	1A1A13R39
5905-683-2238	5-40	1A1A4R62	5905-683-2238	5-48	1A1A13R40
5905-683-2238	5-40	1A1A4R66	5905-683-2238	5-48	1A1A13R41
5905-683-2238	5-40	1A1A4R68	5905-683-2238	5-48	1A1A13R45
5905-683-2238	5-40	1A1A4R71	5905-683-2238	5-48	1A1A13R49
5905-683-2238	5-40	1A1A4R72	5905-683-2238	5-48	1A1A13R53
5905-683-2238	5-40	1A1A4R76	5905-683-2238	5-48	1A1A13R55
5905-683-2238	5-40	1A1A4R78	5905-683-2238	5-48	1A1A13R59
5905-683-2238	5-40	1A1A4R79	5905-683-2238	5-48	1A1A13R61
5905-683-2238	5-40	1A1A4R82	5905-683-2238	5-48	1A1A13R63
5905-683-2238	5-40	1A1A4R86	5905-683-2238	5-48	1A1A13R65
5905-683-2238	5-40	1A1A4R88	5905-683-2238	5-48	1A1A13R69
5905-683-2238	5-41	1A1A5R1	5905-683-2238	5-48	1A1A13R71
5905-683-2238	5-41	1A1A5R9	5905-683-2238	5-48	1A1A13R72
5905-683-2238	5-41	1A1A5R10	5905-683-2238	5-48	1A1A13R76
5905-683-2238	5-41	1A1A5R17	5905-683-2238	5-48	1A1A13R80
5905-683-2238	5-41	1A1A5R18	5905-683-2238	5-48	1A1A13R83
5905-683-2238	5-41	1A1A5R25	5905-683-2238	5-48	1A1A14R38
5905-683-2238	5-41	1A1A5R26	5905-683-2238	5-48	1A1A14R39
5905-683-2238	5-41	1A1A5R34	5905-683-2238	5-48	1A1A14R40
5905-683-2238	5-41	1A1A5R49	5905-683-2238	5-48	1A1A14R41
5905-683-2238	5-41	1A1A5R52	5905-683-2238	5-48	1A1A14R45
5905-683-2238	5-43	1A1A7R2	5905-683-2238	5-48	1A1A14R49
5905-683-2238	5-43	1A1A7R3	5905-683-2238	5-48	1A1A14R53
5905-683-2238	5-43	1A1A7R12	5905-683-2238	5-48	1A1A14R55
5905-683-2238	5-43	1A1A7R22	5905-683-2238	5-48	1A1A14R59
5905-683-2238	5-43	1A1A7R38	5905-683-2238	5-48	1A1A14R61
5905-683-2238	5-43	1A1A7R41	5905-683-2238	5-48	1A1A14R63
5905-683-2238	5-43	1A1A7R44	5905-683-2238	5-48	1A1A14R65
5905-683-2238	5-43	1A1A7R46	5905-683-2238	5-48	1A1A14R69
5905-683-2238	5-43	1A1A7R48	5905-683-2238	5-48	1A1A14R71
5905-683-2238	5-43	1A1A7R49	5905-683-2238	5-48	1A1A14R72
5905-683-2238	5-43	1A1A7R50	5905-683-2238	5-48	1A1A14R76
5905-683-2238	5-43	1A1A7R51	5905-683-2238	5-48	1A1A14R80
5905-683-2238	5-43	1A1A7R52	5905-683-2238	5-48	1A1A14R83
5905-683-2238	5-44	1A1A8R11	5905-683-2238	5-48	1A1A15R38
5905-683-2238	5-45	1A1A9R7	5905-633-2238	5-48	1A1A15R39
5905-683-2238	5-45	1A3A9R15	5905-683-2238	5-48	1A1A15R40
5905-683-2238	5-45	1A1A9R27	5905-683-2238	5-48	1A1A15R41

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER.	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-683-2238		1A1A15R45	5905-683-2242	5-50	1A1A19R47
5905-683-2238	5-48	1A1A15R49	5905-683-2242	5-53	1A2R16
5905-683-2238	5-48	1A1A15R53	5905-683-2242	5-55	1A2A2R12
5905-683-2238	5-48	1A1A15R55	5905-683-2242	5-55	1A2A2R38
5905-683-2238	5-48	1A1A15R59	5905-683-2246	5-41	1A1A5R5
5905-683-2238	5-48	1A1A15R61	5905-683-2246	5-41	1A1A5R6
5905-683-2238	5-48	1A1A15R63	5905-683-2246	5-41	1A1A5R13
5905-683-2238	5-48	1A1A15R65	5905-683-2246	5-41	1A1A5R14
5905-683-2238	5-48	1A1A15R69	5905-683-2246	5-41	1A1A5R21
5905-683-2238	5-48	1A1A15R71	5905-683-2246	5-41	1A1A5R22
5905-683-2238	5-48	1A1A15R72	5905-683-2246	5-41	1A1A5R36
5905-683-2238	5-48	1A1A15R76	5905-683-2246	5-43	1A1A7R10
5905-683-2238	5-48	1A1A15R80	5905-683-2246	5-43	1A1A7R23
5905-683-2238	5-48	1A1A15R83	5905-683-2246	5-43	1A1A7R24
5905-683-2238	5-48	1A1A16R38	5905-683-2246	5-43	1A1A7R32
5905-683-2238	5-48	1A1A16R39	5905-683-2293	5-43	1A1A7R36
5905-683-2238	5-48	1A1A16R40	5905-683-7721	5-10	1A1A21R49
5905-683-2238	5-48	1A1A16R41	5905-683-7721	5-42	1A1A6R33
5905-683-2238	5-48	1A1A16R45	5905-683-7721	5-44	1A1A8R34
5905-683-2238	5-48	1A1A16R49	5905-683-7721	5-45	1A1A9R8
5905-683-2238	5-48	1A1A16R53	5905-683-7721	5-45	1A1A9R17
5905-683-2238	5-48	1A1A16R55	5905-683-7721	5-45	1A1A9R39
5905-683-2238	5-48	1A1A16R59	5905-683-7721	5-45	1A1A9R48
5905-683-2238	5-48	1A1A16R61	5905-683-7721	5-45	1A1A9R53
5905-683-2238	5-48	1A1A16R63	5905-683-7721	5-45	1A1A9R62
5905-683-2238	5-48	1A1A16R65	5905-683-7721	5-45	1A1A9R69
5905-683-2238	5-48	1A1A16R69	5905-683-7721	5-45	1A1A9R78
5905-683-2238	5-48	1A1A16R71	5905-683-7721	5-45	1A1A9R82
5905-683-2238	5-48	1A1A16R72	5905-683-7721	5-46	1A1A10R15
5905-683-2238	5-48	1A1A16R76	5905-683-7721	5-47	1A1A11R24
5905-683-2238	5-48	1A1A16R80	5905-683-7721	5-47	1A1A11R61
5905-683-2238	5-48	1A1A16R83	5905-683-7721	5-55	1A2A3R9
5905-683-2238	5-49	1A1A17R38	5905-683-7721	5-57	1A3A1R2
5905-683-2238	5-49	1A1A17R39	5905-683-7721	5-57	1A3A1R17
5905-683-2238	5-49	1A1A17R40	5905-683-7723	5-39	1A1A1R16
5905-683-2238	5-49	1A1A17R41	5905-683-7723	5-41	1A1A5R42
5905-683-2238	5-49	1A1A17R53	5905-683-7723	5-42	1A1A6R29
5905-683-2238	5-49	1A1A17R61	5905-683-7723	5-42	1A1A6R49
5905-683-2238	5-49	1A1A17R63	5905-683-7723	5-43	1A1A7R11
5905-683-2238	5-49	1A1A17R71	5905-683-7723	5-43	1A1A7R13
5905-683-2238	5-49	1A1A17R72	5905-683-7723	5-43	1A1A7R31
5905-683-2238	5-49	1A1A17R83	5905-683-7723	5-47	1A1A11R9
5905-683-2238	5-49	1A1A18R38	5905-683-7723	5-47	1A1A11R46
5905-683-2238	5-49	1A1A18R39	5905-686-3121	5-44	1A1A8R29
5905-683-2238	5-49	1A1A18R40	5905-686-3121	5-44	1A1A8R36
5905-683-2238	5-49	1A1A18R41	5905-686-3121	5-45	1A1A9R12
5905-683-2238	5-49	1A1A18R53	5905-686-3121	5-45	1A1A9R35
5905-683-2238	5-49	1A1A18R61	5905-686-3121	5-47	1A1A11R16
5905-683-2238	5-49	1A1A18R63	5905-686-3121	5-47	1A1A11R53
5905-683-2238	5-49	1A1A18R71	5905-686-3121	5-50	1A1A19R49
5905-683-2238	5-49	1A1A18R72	5905-686-3121	5-51	1A1A20R20
5905-663-2238	5-49	1A1A18R83	5905-686-3129	5-11	1A1A22R50
5905-683-2238	5-50	1A1A19R38	5905-686-3129	5-12	1A1A23R51
5905-683-2238	5-50	1A1A19R39	5905-686-3129	5-39	1A1A1R23
5905-683-2238	5-50	1A1A19R40	5905-686-3129	5-42	1A1A6R7
5905-683-2238	5-50	1A1A19R43	5905-686-3129	5-46	1A1A10R44
5905-683-2238	5-55	1A2A2R20	5905-686-3129	5-48	1A1A12R11
5905-683-2238	5-55	1A2A2R28	5905-686-3129	5-48	1A1A12R12
5905-683-2238	5-55	1A2A2R34	5905-686-3129	5-48	1A1A12R20
5905-683-2240	5-45	1A1A9R84	5905-686-3129	5-48	1A1A12R24
5905-683-2240	5-45	1A1A9R85	5905-686-3129	5-48	1A1A12R28
5905-683-2240	5-45	1A1A9R86	5905-686-3129	5-48	1A1A12R32
5905-683-2240	5-51	1A1A20R15	5905-686-3129	5-48	1A1A12R36
5905-683-2240	5-54	1A2A1R5	5905-686-3129	5-48	1A1A13R11
5905-683-2240	5-54	1A2A1R6	5905-686-3129	5-48	1A1A13R12
5905-683-2242	5-47	1A1A11R7	5905-686-3129	5-48	1A1A13R20
5905-683-2242	5-47	1A1A11R12	5905-686-3129	5-48	1A1A13R24
5905-683-2242	5-47	1A1A11R44	5905-686-3129	5-48	1A1A13R28
5905-683-2242	5-47	1A1A11R49	5905-686-3129	5-48	1A1A13R32

**SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)**

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-686-3129		1A1A13R36	5905-686-3369		1A1A1R17
5905-686-3129	5-48	1A1A14R11	5905-686-3369	5-44	1A1A8R28
5905-686-3129	5-48	1A1A14R12	5905-686-3369	5-44	1A1A8R33
5905-686-3129	5-48	1A1A14R20	5905-686-3369	5-45	1A1A9R1
5905-686-3129	5-48	1A1A14R24	5905-686-3369	5-45	1A1A9R28
5905-686-3129	5-48	1A1A14R28	5905-686-3369	5-45	1A1A9R32
5905-686-3129	5-48	1A1A14R32	5905-686-3369	5-45	1A1A9R33
5905-686-3129	5-48	1A1A14R36	5905-686-3369	5-45	1A1A9R34
5905-686-3129	5-48	1A1A15R11	5905-686-3369	5-45	1A1A9R83
5905-686-3129	5-48	1A1A15R12	5905-686-3798	5-41	1A1A5R44
5905-686-3129	5-48	1A1A15R20	5905-686-3798	5-41	1A1A5R55
5905-686-3129	5-48	1A1A15R24	5905-686-3798	5-43	1A1A7R1
5905-686-3129	5-48	1A1A15R28	5905-686-3798	5-43	1A1A7R19
5905-686-3129	5-48	1A1A15R32	5905-686-3798	5-43	1A3A7R20
5905-686-3129	5-48	1A1A15R36	5905-686-3798	5-43	1A1A7R34
5905-686-3129	5-48	1A1A16R11	5905-686-3798	5-47	1A1A11R11
5905-686-3129	5-48	1A1A16R12	5905-686-3798	5-47	1A1A11R48
5905-686-3129	5-48	1A1A16R20	5905-686-3798	5-57	1A3A1R6
5905-686-3129	5-48	1A1A16R24	5905-686-3838	5-41	1A1A5R38
5905-686-3129	5-48	1A1A16R28	5905-686-3838	5-43	1A1A7R14
5905-686-3129	5-48	1A1A76R32	5905-686-3838	5-43	1A1A7R15
5905-686-3129	5-48	1A1A16R36	5905-686-3838	5-43	1A1A7R33
5905-686-3129	5-49	1A1A17RII	5905-686-3838	5-45	1A1A9R16
5905-686-3129	5-49	1A1A17R12	5905-686-3838	5-45	1A1A9R26
5905-686-3129	5-49	1A1A17R20	5905-686-3838	5-45	1A1A9R38
5905-686-3129	5-49	1A2A17R24	5905-686-3838	5-45	1A1A9R49
5905-686-3129	5-49	1A1A17R28	5905-686-3838	5-45	1A1A9R52
5905-686-3129	5-49	1A1A17R32	5905-686-3838	5-45	1A1A9R63
5905-686-3129	5-49	1A1A17R36	5905-686-3838	5-45	1A1A9R68
5905-686-3129	5-49	1A1A18R11	5905-686-3838	5-45	1A1A9R79
5905-686-3129	5-49	1A1A18R12	5905-686-3903	5-11	1A1A22R26
5905-686-3129	5-49	1A1A18R20	5905-686-3903	5-12	1A1A23R39
5905-686-3129	5-49	1A1A18R24	5905-686-3903	5-40	1A1A2R6
5905-686-3129	5-49	1A1A18R28	5905-686-3903	5-40	1A1A2R7
5905-686-3129	5-49	1A1A18R32	5905-686-3903	5-40	1A1A2R16
5905-686-3129	5-49	1A1A18R36	5905-686-3903	5-40	1A1A2R17
5905-686-3129	5-50	1A1A19R11	5905-686-3903	5-40	1A1A2R26
5905-686-3129	5-50	1A1A19R12	5905-686-3903	5-40	1A1A2R27
5905-686-3129	5-50	1A1A19R20	5905-686-3903	5-40	1A1A2R36
5905-686-3129	5-50	1A1A19R24	5905-686-3903	5-40	1A1A2R37
5905-686-3129	5-50	1A1A19R28	5905-686-3903	5-40	1A1A2R41
5905-686-3129	5-50	1A1A19R32	5905-686-3903	5-40	1A1A2R53
5905-686-3129	5-50	1A1A19R36	5905-686-3903	5-40	1A1A2R54
5905-686-3356	5-46	1A1A10R34	5905-686-3903	5-40	1A1A2R64
5905-686-3356	5-46	1A1A10R35	5905-686-3903	5-40	1A1A2R65
5905-686-3356	5-46	1A1A10R37	5905-686-3903	5-40	1A1A2R74
5905-686-3356	5-46	1A1A10R38	5905-686-3903	5-40	1A1A2R75
5905-686-3358	5-49	1A1A17R46	5905-686-3903	5-40	1A1A2R83
5905-686-3358	5-49	1A1A17R47	5905-686-3903	5-40	1A1A2R84
5905-686-3358	5-49	1A1A17R56	5905-686-3903	5-40	1A1A2R92
5905-686-3358	5-49	1A1A17R57	5905-686-3903	5-40	1A1A3R6
5905-686-3358	5-49	1A1A17R66	5905-686-3903	5-40	1A1A3R7
5905-686-3358	5-49	1A1A17R67	5905-686-3903	5-40	1A1A3R16
5905-686-3358	5-49	1A1A17R77	5905-686-3903	5-40	1A1A3R17
5905-686-3358	5-49	1A1A18R46	5905-686-3903	5-40	1A1A3R26
5905-686-3358	5-49	1A1A18R47	5905-686-3903	5-40	1A1A3R27
5905-686-3358	5-49	1A1A18R56	5905-686-3903	5-40	1A1A3R36
5905-686-3358	5-49	1A1A18R57	5905-686-3903	5-40	1A1A3R37
5905-686-3358	5-49	1A1A18R66	5905-686-3903	5-40	1A1A3R41
5905-686-3358	5-49	1A1A18R67	5905-686-3903	5-40	1A1A3R53
5905-686-3358	5-49	1A1A18R77	5905-686-3903	5-40	1A1A3R54
5905-686-3358	5-49	1A1A18R78	5905-686-3903	5-40	1A1A3R64
5905-686-3358	5-50	1A1A19R58	5905-686-3903	5-40	1A1A3R65
5905-686-3358	5-50	1A1A19R63	5905-686-3903	5-40	1A1A3R74
5905-686-3358	5-50	1A1A19R68	5905-686-3903	5-40	1A1A3R75
5905-686-3358	5-50	1A1A19R73	5905-686-3903	5-40	1A1A3R83
5905-686-3369	5-39	1A1A1R9	5905-686-3903	5-40	1A1A3R84
5905-686-3369	5-39	1A1A1R10	5905-686-3903	5-40	1A1A3R92
					1A1A4R6

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-686-3903	5-40	1A1A4R7	5905-686-3903	5-48	1A1A15R57
5905-686-3903	5-40	1A1A4R16	5905-686-3903	5-48	1A1A15R66
5905-686-3903	5-40	1A1A4R17	5905-686-3903	5-48	1A1A15R67
5905-686-3903	5-40	1A1A4R26	5905-686-3903	5-48	1A1A15R77
5905-686-3903	5-40	1A1A4R27	5905-686-3903	5-48	1A1A15R78
5905-686-3903	5-40	1A1A4R36	5905-686-3903	5-48	1A1A16R8
5905-686-3903	5-40	1A1A4R37	5905-686-3903	5-48	1A1A16R9
5905-686-3903	5-40	1A1A4R41	5905-686-3903	5-48	1A1A16R46
5905-686-3903	5-40	1A1A4R53	5905-686-3903	5-48	1A1A16R47
5905-686-3903	5-40	1A1A4R54	5905-686-3903	5-48	1A1A16R56
5905-686-3903	5-40	1A1A4R64	5905-666-3903	5-48	1A1A16R57
5905-686-3903	5-40	1A1A4R65	5905-686-3903	5-48	1A1A16R66
5905-686-3903	5-40	1A1A4R74	5905-686-3903	5-48	1A1A16R67
5905-686-3903	5-40	1A1A4R75	5905-686-3903	5-48	1A1A16R77
5905-686-3903	5-40	1A1A4R83	5905-686-3903	5-48	1A1A16R78
5905-686-3903	5-40	1A1A4R84	5905-686-3903	5-49	1A1A17R8
5905-686-3903	5-40	1A1A4R92	5905-686-3903	5-49	1A1A17R9
5905-686-3903	5-41	1A1A5R30	5905-686-3903	5-49	1A2A18R8
5905-686-3903	5-41	1A1A5R31	5905-686-3903	5-49	1A1A18R9
5905-686-3903	5-41	1A1A5R56	5905-686-3903	5-50	1A1A19R8
5905-686-3903	5-41	1A1A5R57	5905-686-3903	5-50	1A1A19R9
5905-686-3903	5-41	1A1A5R63	5905-686-9993	5-10	1A1A21R3
5905-686-3903	5-41	1A1A5R65	5905-686-9993	5-35	1A1R47
5905-686-3903	5-42	1A1A6R13	5905-686-9993	5-35	1A1R48
5905-686-3903	5-43	1A1A7R8	5905-686-9993	5-48	1A1A12R13
5905-686-3903	5-43	1A1A7R17	5905-686-9993	5-48	1A1A12R16
5905-686-3903	5-43	1A1A7R28	5905-686-9993	5-48	1A1A13R13
5905-686-3903	5-44	1A1A8R5	5905-686-9993	5-48	1A1A13R16
5905-686-3903	5-44	1A1A8R17	5905-686-9993	5-48	1A1A14R13
5905-686-3903	5-46	1A1A10R2	5905-686-9993	5-48	1A1A14R16
5905-686-3903	5-46	1A1A10R10	5905-686-9993	5-48	1A1A15R13
5905-686-3903	5-46	1A1A10R19	5905-686-9993	5-48	1A1A15R16
5905-686-3903	5-47	1A1A11R36	5905-686-9993	5-48	1A2A16R13
5905-686-3903	5-47	1A1A11R73	5905-686-9993	5-48	1A1A16R16
5905-686-3903	5-48	1A1A12R8	5905-686-9993	5-49	1A1A17R13
5905-686-3903	5-48	1A1A12R9	5905-686-9993	5-49	1A1A17R16
5905-686-3903	5-48	1A1A12R46	5905-686-9993	5-49	1A1A18R13
5905-686-3903	5-48	1A1A12R47	5905-686-9993	5-49	1A1A18R16
5905-686-3903	5-48	1A1A12R56	5905-686-9993	5-50	1A1A19R13
5905-686-3903	5-48	1A1A12R57	5905-686-9993	5-50	1A1A19R16
5905-686-3903	5-48	1A1A12R66	5905-686-9994	5-39	1A1A1R7
5905-686-3903	5-48	1A1A12R67	5905-686-9994	5-42	1A1A6R1
5905-686-3903	5-48	1A1A12R77	5905-686-9994	5-42	1A1A6R6
5905-686-3903	5-48	1A1A12R78	5905-686-9994	5-42	1A1A6R8
5905-686-3903	5-48	1A1A13R8	5905-686-9994	5-44	1A1A8R13
5905-686-3903	5-48	1A1A13R9	5905-686-9994	5-46	1A1A10R14
5905-686-3903	5-48	1A1A13R46	5905-686-9994	5-46	1A1A10R50
5905-686-3903	5-48	1A1A13R47	5905-686-9994	5-47	1A1A11R17
5905-686-3903	5-48	1A1A13R56	5905-686-9994	5-47	1A1A11R54
5905-686-3903	5-48	1A1A13R57	5905-686-9994	5-50	1A1A19R48
5905-686-3903	5-48	1A1A13R66	5905-686-9994	5-55	1A2A2R21
5905-686-3903	5-48	1A1A13R67	5905-686-9994	5-55	1A2A2R30
5905-686-3903	5-48	1A1A13R77	5905-686-9994	5-55	1A2A2R35
5905-686-3903	5-48	1A1A13R78	5905-087-0000	5-43	1A1A7R9
5905-686-3903	5-48	1A1A14R8	5905-687-0000	5-46	1A1A10R31
5905-686-3903	5-48	1A3A14R9	5905-687-0000	5-46	1A1A10R49
5905-686-3903	5-48	1A1A14R46	5905-687-0000	5-57	1A3A1R9
5905-686-3903	5-48	1A1A14R47	5905-687-0002	5-42	1A1A6R3
5905-686-3903	5-48	1A1A14R56	5905-687-0002	5-42	1A1A6R52
5905-686-3903	5-48	1A1A14R57	5905-687-0002	5-43	1A1A7R7
5905-686-3903	5-48	1A1A14R66	5905-687-0002	5-47	1A1A11R5
5905-686-3903	5-48	1A1A14R67	5905-687-0002	5-47	1A1A11R13
5905-686-3903	5-48	1A1A14R77	5905-687-0002	5-47	1A1A11R30
5905-686-3903	5-48	1A1A14R78	5905-687-0002	5-47	1A3A11R42
5905-686-3903	5-48	1A1A15R8	5905-687-0002	5-47	1A1A11R50
5905-686-3903	5-48	1A1A15R9	5905-687-0002	5-47	1A1A11R67
5905-686-3903	5-48	1A1A15R46	5905-687-0002	5-50	1A1A19R53
5905-686-3903	5-48	1A1A15R47	5905-688-3738	5-40	1A1A2R12
5905-686-3903	5-48	1A1A15R56	5905-688-3738	5-40	1A1A2R59

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FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-688-3738	5-40	1A1A3R12	5905-725-6995	5-45	1A1A9R66
5905-688-3738	5-40	1A1A3R59	5905-725-6995	5-47	1A1A11R10
5905-688-3738	5-40	1A1A4R12	5905-725-6995	5-47	1A1A11R47
5905-688-3738	5-40	1A1A4R59	5905-725-6995	5-51	1A1A20R19
5905-688-3738	5-41	1A1A5R67	5905-726-4413	5-40	1A1A2R18
5905-688-3738	5-46	1A1A10R53	5905-726-4413	5-40	1A1A2R28
5905-688-3738	5-46	1A1A10R54	5905-726-4413	5-40	1A1A2R35
5905-688-3738	5-50	1A1A19R41	5905-726-4413	5-40	1A1A2R55
5905-688-3738	5-50	1A1A19R45	5905-726-4413	5-40	1A1A2R63
5905-691-0195	5-40	1A1A2R22	5905-726-4413	5-40	1A1A2R73
5905-691-0195	5-40	1A1A2R69	5905-726-4413	5-40	1A1A2R85
5905-691-0195	5-40	1A1A3R22	5905-726-4413	5-40	1A1A3R18
5905-691-0195	5-40	1A1A3R69	5905-726-4413	5-40	1A1A3R28
5905-691-0195	5-40	1A1A4R22	5905-726-4413	5-40	1A1A3R35
5905-691-0195	5-40	1A1A4R69	5905-726-4413	5-40	1A1A3R55
5905-691-0195	5-41	1A1A5R35	5905-726-4413	5-40	1A1A3R63
5905-691-0195	5-41	1A1A5R60	5905-726-4413	5-40	1A1A3R73
5905-691-0195	5-41	1A1A5R61	5905-726-4413	5-40	1A1A3R85
5905-691-0195	5-42	1A1A6R24	5905-726-4413	5-40	1A1A4R18
5905-691-0195	5-42	1A1A6R54	5905-726-4413	5-40	1A1A4R28
5905-691-0195	5-43	1A1A7R6	5905-726-4413	5-40	1A1A4R35
5905-691-0195	5-43	1A1A7R35	5905-726-4413	5-40	1A1A4R55
5905-691-0195	5-44	1A1A8R8	5905-726-4413	5-40	1A1A4R63
5905-691-0195	5-44	1A1A8R32	5905-726-4413	5-40	1A1A4R73
5905-691-0195	5-45	1A1A9R19	5905-726-4413	5-40	1A1A4R85
5905-691-0195	5-45	1A1A9R47	5905-726-4413	5-41	1A1A5R37
5905-691-0195	5-45	1A1A9R61	5905-726-4413	5-41	1A1A5R45
5905-691-0195	5-45	1A1A9R77	5905-726-4413	5-41	1A1A5R68
5905-691-0195	5-46	1A1A10R7	5905-726-4413	5-43	1A1A7R5
5905-691-0195	5-46	1A1A10R42	5905-726-4413	5-48	1A1A12R48
5905-691-0195	5-47	1A1A11R28	5905-726-4413	5-48	1A1A12R58
5905-691-0195	5-47	1A1A11R29	5905-726-4413	5-48	1A1A12R68
5905-691-0195	5-47	1A1A11R65	5905-726-4413	5-48	1A1A12R79
5905-691-0195	5-47	1A1A11R66	5905-726-4413	5-48	1A1A13R48
5905-696-9996	5-41	1A1A5R47	5905-726-4413	5-48	1A1A13R58
5905-696-9996	5-45	1A1A9R22	5905-726-4413	5-48	1A1A13R68
5905-696-9996	5-45	1A1A9R23	5905-726-4413	5-48	1A1A13R79
5905-696-9996	5-45	1A1A9R42	5905-726-4413	5-48	1A1A14R48
5905-696-9996	5-45	1A1A9R43	5905-726-4413	5-48	1A1A14R58
5905-696-9996	5-45	1A1A9R56	5905-726-4413	5-48	1A1A14R68
5905-696-9996	5-45	1A1A9R57	5905-726-4413	5-48	1A1A14R79
5905-696-9996	5-45	1A1A9R72	5905-726-4413	5-48	1A1A15R48
5905-696-9996	5-45	1A1A9R73	5905-726-4413	5-48	1A1A15R58
5905-696-9996	5-51	1A1A20R9	5905-726-4413	5-48	1A1A15R68
5905-717-3347	5-44	1A1A8R23	5905-726-4413	5-48	1A1A15R79
5905-723-5251	5-39	1A1A1R22	5905-726-4413	5-48	1A1A16R48
5905-723-5251	5-40	1A1A2R5	5905-726-4413	5-48	1A1A16R58
5905-723-5251	5-40	1A1A2R8	5905-726-4413	5-48	1A1A16R68
5905-723-5251	5-40	1A1A2R94	5905-726-4413	5-48	1A1A16R79
5905-723-5251	5-40	1A1A3R5	5905-727-8001	5-39	1A1A1R14
5905-723-5251	5-40	1A1A3R8	5905-727-8001	5-41	1A1A5R40
5905-723-5251	5-40	1A1A3R94	5905-727-8001	5-41	1A1A5R46
5905-723-5251	5-40	1A1A4R5	5905-727-8001	5-44	1A1A8R24
5905-723-5251	5-40	1A1A4R8	5905-727-8001	5-45	1A1A9R4
5905-723-5251	5-40	1A1A4R94	5905-727-8001	5-47	1A1A11R15
5905-723-5251	5-43	1A1A7R21	5905-727-8001	5-47	1A1A11R52
5905-723-5251	5-43	1A1A7R39	5905-727-8001	5-55	1A2A2R39
5905-723-5251	5-43	1A1A7R42	5905-728-6643	5-53	1A2R2
5905-723-5251	5-43	1A1A7R43	5905-728-6643	5-53	1A2R5
5905-723-5251	5-43	1A1A7R45	5905-730-0296	5-48	1A1A12R1
5905-723-5251	5-43	1A1A7R47	5905-730-0296	5-48	1A1A12R4
5905-723-5251	5-44	1A1A8R9	5905-730-0296	5-48	1A1A13R1
5905-723-5251	5-44	1A1A8R22	5905-730-0296	5-48	1A1A13R4
5905-723-5251	5-46	1A1A10R43	5905-730-0296	5-48	1A1A14R1
5905-723-5251	5-47	1A1A11R37	5905-730-0296	5-48	1A1A14R4
5905-723-5251	5-47	1A1A11R74	5905-730-0296	5-48	1A1A15R1
5905-725-6995	5-45	1A1A9R14	5905-730-0296	5-48	1A1A15R4
5905-725-6995	5-45	1A1A9R36	5905-730-0296	5-48	1A1A16R1
5905-725-6995	5-45	1A1A9R65	5905-730-0296	5-48	1A1A16R4

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-730-0296	5-49	1A1A17R1	5905-774-3125	5-48	1A1A15R10
5905-730-0296	5-49	1A1A17R4	5905-774-3125	5-48	1A1A16R7
5905-730-0296	5-49	1A1A18R1	5905-774-3125	5-48	1A1A16R10
5905-730-0296	5-49	1A1A18R4	5905-774-3125	5-49	1A1A17R7
5905-730-0296	5-50	1A1A19R1	5905-774-3125	5-49	1A1A17R10
5905-730-0296	5-50	1A1A19R4	5905-774-3125	5-49	1A1A18R7
5905-763-5342	5-47	1A1A11R19	5905-774-3125	5-49	1A1A18R10
5905-763-5324	5-47	1A1A11R56	5905-774-3125	5-50	1A1A19R7
5905-764-4106	5-39	1A1A1R11	5905-774-3125	5-50	1A1A19R10
5905-764-4106	5-39	1A1A1R12	5905-775-0633	5-42	1A1A6R30
5905-764-6176	5-39	1A1A1R8	5905-775-0633	5-42	1A1A6R31
5905-764-6176	5-45	1A1A9R11	5905-775-0633	5-46	1A1A10R4
5905-764-6167	5-47	1A1A11R6	5905-775-0633	5-50	1A1A19R50
5905-764-6176	5-47	1A1A11R43	5905-775-0636	5-44	1A1A8R38
5905-767-2842	5-44	1A1A8R43	5905-776-5313	5-41	1A1A5R28
5905-767-2842	5-46	1A1A10R30	5905-776-5313	5-41	1A1A5R33
5905-767-2842	5-46	1A1A10R48	5905-776-5313	5-42	1A1A6R53
5905-767-2842	5-49	1A1A17R73	5905-776-5313	5-43	1A1A7R26
5905-767-2842	5-49	1A1A17R81	5905-776-5313	5-45	1A1A9R3
5905-767-2842	5-49	1A1A18R73	5905-776-5313	5-50	1A1A19R54
5905-767-2842	5-49	1A1A18R81	5905-778-4902	5-57	1A3A1R3
5905-767-3209	5-46	1A1A10R26	5905-778-4905	5-44	1A1A8R39
5905-767-3210	5-47	1A1A11R18	5905-800-0179	5-40	1A1A2R42
5905-767-3210	5-47	1A1A11R55	5905-800-0179	5-40	1A1A2R46
5905-767-3212	5-48	1A1A12R5	5905-800-0179	5-40	1A1A2R47
5905-767-3212	5-48	1A1A12R6	5905-800-0179	5-40	1A1A2R93
5905-767-3212	5-48	1A1A13R5	5905-800-0179	5-40	1A1A3R42
5905-767-3212	5-48	1A1A13R6	5905-800-0179	5-40	1A1A3R46
5905-767-3212	5-48	1A1A14R5	5905-800-0179	5-40	1A1A3R47
5905-767-3212	5-48	1A1A14R6	5905-800-0179	5-40	1A1A3R93
5905-767-3212	5-48	1A1A15R5	5905-800-0179	5-40	1A1A4R42
5905-767-3212	5-48	1A1A15R6	5905-800-0179	5-40	1A1A4R46
5905-767-3212	5-48	1A1A16R5	5905-800-0179	5-40	1A1A4R47
5905-767-3212	5-48	1A1A16R6	5905-800-0179	5-40	1A1A4R93
5905-767-3212	5-49	1A1A17R5	5905-800-0179	5-44	1A1A8R2
5905-767-3212	5-49	1A1A17R6	5905-800-0179	5-44	1A1A8R4
5905-767-3212	5-49	1A1A18R5	5905-800-0179	5-44	1A1A8R12
5905-767-3212	5-49	1A1A18R6	5905-800-0179	5-44	1A1A8R20
5905-767-3212	5-50	1A1A19R5	5905-800-0179	5-46	1A1A10R9
5905-767-3212	5-50	1A1A19R6	5905-800-0179	5-46	1A1A10R28
5905-768-5791	5-47	1A1A11R1	5905-800-0179	5-48	1A1A12R74
5905-768-5791	5-47	1A1A11R38	5905-800-0179	5-48	1A1A13R74
5905-768-5922	5-50	1A1A19R44	5905-800-0179	5-48	1A1A14R74
5905-768-5932	5-48	1A1A12R2	5905-800-0179	5-48	1A1A15R74
5905-768-5932	5-48	1A1A12R3	5905-800-0179	5-48	1A1A16R74
5905-768-5932	5-48	1A1A13R2	5905-800-0179	5-49	1A1A17R74
5905-768-5932	5-48	1A1A13R3	5905-800-0179	5-49	1A1A18R74
5905-768-5932	5-48	1A1A14R2	5905-800-0179	5-50	1A1A19R56
5905-768-5932	5-48	1A1A14R3	5905-800-0179	5-50	1A1A19R62
5905-768-5932	5-48	1A1A15R2	5905-800-0179	5-50	1A1A19R67
5905-768-5932	5-48	1A1A15R3	5905-800-0179	5-50	1A1A19R72
5905-768-5932	5-48	1A1A16R2	5905-801-8272	5-45	1A1A9R6
5905-768-5932	5-48	1A1A16R3	5905-802-6730	5-41	1A1A5R43
5905-768-5932	5-49	1A1A17R2	5905-802-6730	5-55	1A2A2R22
5905-768-5932	5-49	1A1A17R3	5905-802-6730	5-55	1A2A2R31
5905-768-5932	5-49	1A1A18R2	5905-813-5678	5-20	1A2T1
5905-768-5932	5-49	1A1A18R3	5905-814-1247	5-44	1A1A8R40
5905-768-5932	5-50	1A1A19R2	5905-814-6910	5-11	1A1A22R33
5905-768-5932	5-50	1A1A19R3	5905-814-6910	5-12	1A1A23R46
5905-768-5932	5-51	1A1A20R11	5905-814-7592	5-44	1A1A8R41
5905-769-0656	5-47	1A1A11R8	5905-814-8411	5-39	1A1A1R1
5905-769-0656	5-47	1A1A11R45	5905-814-8411	5-39	1A1A1R5
5905-774-3125	5-48	1A1A12R7	5905-820-9124	5-59	1A1A1R20
5905-774-3125	5-48	1A1A12R10	5905-828-4039	5-46	1A1A10R52
5905-774-3125	5-48	1A1A13R7	5905-828-4039	5-51	1A1A20R8
5905-774-3125	5-48	1A1A13R10	5905-828-4097	5-57	1A3A1R5
5905-774-3125	5-48	1A1A14R7	5905-882-0055	5-45	1A1A49R81
5905-774-3125	5-48	1A1A14R10	5905-889-0475	5-10	1A1A21R2
5905-774-3125	5-48	1A1A15R7			

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-900-0814	5-42	1A1A6R56	5910-057-5579	5-20	1A2C13
5905-900-0814	5-51	1A1A20R12	5910-069-0362	5-42	1A1A6C6
5905-900-1219	5-44	1A1A8R37	5910-069-0362	5-42	1A1A6C15
5905-900-1219	5-57	1A3A1R4	5910-069-0362	5-42	1A1A6C21
5905-900-2089	5-44	1A1A8R21	5910-088-2301	5-42	1A1A6C1
5905-900-2089	5-44	1A1A8R25	5910-106-3615	5-42	1A1A6C2
5905-900-3559	5-46	1A1A10R23	5910-106-3615	5-42	1A1A6C8
5905-901-4016	5-46	1AA10R5	5910-106-3615	5-54	1A2A1C7
5905-901-4016	5-48	1A1A12R73	5910-106-3615	5-54	1A2A1C12
5905-901-4016	5-48	1A1A12R81	5910-106-3615	5-54	1A2A1C14
5905-901-4016	5-48	1A1A13R73	5910-106-3615	5-54	1A2A1C15
5905-901-4016	5-48	1A1A13R81	5910-106-3615	5-54	1A2A1C16
5905-901-4016	5-48	1A1A14R73	5910-107-2544	5-42	1A1A6C17
5905-901-4016	5-48	1A1A14R81	5910-107-2544	5-42	1A1A6C23
5905-901-4016	5-48	1A1A15R73	5910-107-2544	5-55	1A2A3C17
5905-901-4016	5-48	1A1A15R81	5910-110-7622	5-48	1A1A13R52
5905-901-4016	5-48	1A1A16R73	5910-110-7622	5-48	1A1A16R17
5905-901-4016	5-48	1A1A16R81	5910-118-7902	5-42	1A1A6C45
5905-903-6863	5-36	1A1R50	5910-118-7902	5-42	1A1A6C46
5905-904-3111	5-41	1A1A5R51	5910-118-7902	5-46	1A1A10C10
5905-904-3674	5-44	1A1A8R35	5910-127-1433	5-41	1A1A5C27
5905-905-4032	5-43	1A1A7R18	5910-127-1433	5-41	1A1A5C29
5905-905-4032	5-47	1A1A11R22	5910-127-1433	5-41	1A1A5C31
5905-905-4032	5-47	1A1A11R59	5910-127-1433	5-42	1A1A6C28
5905-905-4032	5-50	1A3A19R46	5910-127-1433	5-44	1A1A8C5
5905-913-0753		1A2R1	5910-127-1433	5-44	1A1A8C19
5905-913-5011	5-39	1A1A1R3	5910-127-1433	5-45	1A1A9C2
5905-915-1271	5-39	1A1A1R4	5910-127-1433	5-45	1A1A9C4
5905-944-0770	5-46	1A1A10R6	5910-127-1433	5-45	1A1A9C5
5905-944-7134	5-57	1A3A1R1	5910-127-1433	5-45	1A1A9C22
5905-959-6009	5-11	1A1A22R27	5910-127-1433	5-47	1A1A11C6
5905-959-6009	5-11	1A1A22R29	5910-127-1433	5-47	1A1A11C20
5905-959-6009	5-11	1A1A22R31	5910-127-1433	5-51	1A1A20C30
5905-959-6009	5-12	1A1A23R40	5910-127-1433	5-51	1A1A20C32
5905-959-6009	5-12	1A1A23R42	5910-127-1433	5-57	1A3A1C8
5905-959-6009	5-12	1A1A23R44	5910-253-5213	5-36	1A1C9
5905-964-3223	5-41	1A1A5R50	5910-253-5213	5-39	1A1A1C1
5905-969-5853	5-44	1A1A8R26	5910-412-2000	5-42	1A1A6C26
5905-975-1253	5-44	1A1A8R44	5910-435-6389	4-45	1A1A9C8
5905-975-1267	5-46	1A1A10R29	5910-435-6389	5-45	1A1A9C16
5905-975-1267	5-46	1A1A10R45	5910-435-6389	5-45	1A1A9c28
5905-975-1272	5-43	1A1A7R40	5910-435-6389	5-45	1A1A9C35
5905-978-1703	5-39	1A1A1R15	5910-435-6389	5-45	1A1A9C36
5905-988-2313	5-39	1A1A1R19	5910-435-6389	5-45	1A1A9C43
5905-990-4912	5-57	1A3A1R8	5910-435-6389	5-45	1A1A9C44
5905-994-7133	5-45	1A1A9R13	5910-435-6389	5-45	1A1A9c52
5905-995-4779	5-51	1A1A20R10	5910-435-6389	5-46	1A1A10C14
5910-018-0918	5-42	1A1A6C10	5910-435-6389	5-46	1A1A10C19
5910-018-0918	5-42	1A1A6C12	5910-435-6389	5-51	1A1A20C18
5910-018-0918	5-42	1A1A6C14	5910-453-8796	5-10	1A1A21C15
5910-018-0918	5-42	1A1A6C33	5910-460-0868	5-11	1A1A22C36
5910-018-0918	5-43	1A1A7C3	5910-460-0868	5-12	1A1A23C42
5910-018-0918	5-44	1A1A8C13	5910-498-3552		1A1MP73
5910-018-0918	5-44	1A1A8C18	5910-498-3552		1A1MP74
5910-018-0918	5-46	1A1A10C3	5910-498-3552		1A1MP75
5910-018-0918	5-46	1A1A10C6	5910-682-2543		1A3MP10
5910-018-0918	5-46	1A1A10C8	5910-717-0167	5-39	1A1A1C3
5910-018-0918	5-57	1A3A1C9	5910-717-0167	5-54	1A2A1C1
5910-051-6214	5-11	1A1A22C35	5910-717-0167	5-54	1A2A1C2
5910-051-6214	5-12	1A1A23C41	5910-752-4563	5-55	1A2C27
5910-057-5579	5-20	1A2C2	5910-758-4626		1A1C5
5910-057-5579	5-20	1A2C3	5910-771-8970	5-44	1A1A8C9
5910-057-5579	5-20	1A2C4	5910-771-8970	5-44	1A1A8C14
5910-057-5579	5-20	1A2C5	5910-771-8970	5-51	1A1A20C29
5910-057-5579	5-20	1A2C6	5910-777-6928	5-39	1A1A1C6
5910-057-5579	5-20	1A2C7	5910-777-6928	5-44	1A1A8C11
5910-057-5579	5-20	1A2C9	5910-777-6928	5-51	1A1A20C23
5910-057-5579	5-20	1A2C11	5910-777-6928	5-51	1A1A20C45

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5910-779-8390		1A1C4	5910-813-5733	5-54	1A2A1C21
5910-779-8390		1A1A1C7	5910-813-5733	5-54	1A2A1C22
5910-779-8390		1A3A1C3	7910-813-5733	5-54	1A2A1C23
5910-779-8404		1A1C6	5910-813-5733	5-54	1A2A1c24
5910-779-8404		1A1C8	5910-813-9353	5-39	1A1A1C5
5910-878-2109		1A1A7C1	5910-813-9353	5-40	1A1A2C17
5910-787-2109		1A1A7C2	5910-813-9353	5-40	1A1A2C18
5910-813-5733		1A1C11	5910-813-9353	5-40	1A1A4C17
5910-813-5733		1A1C12	5910-813-9353	5-40	1A1A4C18
5910-813-5733		1A1A6C3	5910-813-9353	5-41	1A1A5C1
5910-813-5733		1A1A6C5	5910-813-9353	5-41	1A1A5C2
5910-813-5733		1A1A6C34	5910-813-9353	5-41	1A1A5C21
5910-813-5733		1A1A6C35	5910-81*3-9353	5-41	1A1A5C22
5910-813-5733		1A1A6C36	5910-813-9353	5-41	1A1A5C26
5910-813-5733		1A1A6c37	5910-813-9353	5-43	1A1A7C11
5910-813-5733		1A1A6C38	5910-813-9353	5-47	1A1A11C4
5910-813-5733		1A1A6C39	5910-813-9353	5-47	1A1A11C5
5910-813-5733		1A1A6C40	5910-813-9353	5-47	1A1A1C7
5910-813-5733		1A1A6C41	5910-813-9353	5-47	1A1A11C10
5910-813-5733		1A1A6C42	5910-813-9353	5-47	1A1A11C11
5910-813-5733		1A1A6C43	5910-813-9353	5-47	1A1A11C14
5910-813-5733		1A1A6C44	5910-813-9353	5-47	1A1A11C18
5910-813-5733		1A1A8C20	5910-813-9353	5-47	1A1A11C19
5910-813-5733		1A1A8C21	5910-813-9353	5-47	1A1A11C21
5910-813-5733		1A1A8C22	5910-813-9353	5-47	1A1A11C24
5910-813-5733		1A1A8c23	5910-813-9353	5-47	1A1A11C25
5910-813-5733		1A1A8c24	5910-813-9353	5-47	1A1A11C28
5910-813-5733		1A1A8C26	5910-813-9353	5-48	1A1A12C17
5910-813-5733		1A1A9C1	5910-813-9353	5-48	1A1A12c18
5910-813-5733		1A1A9c6	5910-813-9353	5-48	1A1A13C17
5910-813-5733		1A1A9C7	5910-813-9353	5-48	1A1A13C18
5910-813-5733		1A1A9C9	5910-813-9353	5-48	1A1A14C17
5910-813-5733		1A1A9C17	5910-813-9353	5-48	1A1A14c18
5910-813-5733		1A1A9C19	5910-813-9353	5-48	1A1A15C17
5910-813-5733		1A1A9C20	5910-813-9353	5-48	1A1A15C18
5910-813-5733		1A1A9C21	5910-813-9353	5-48	1A1A16C17
5910-813-5733		1A1A9c23	5910-813-9353	5-48	1A1A16C18
5910-813-5733		1A1A9C24	5910-813-9353	5-49	1A1A17C17
5910-813-5733		1A1A9C25	5910-813-9353	5-49	1A1A17C18
5910-813-5733		1A1A9c26	5910-813-9353	5-49	1A1A18C17
5910-813-5733		1A1A9c27	5910-813-9353	5-49	1A1A18C18
5910-813-5733		1A1A9C29	5910-813-9353	5-50	1A1A19C2
5910-813-5733		1A1A9C37	5910-813-9353	5-50	1A1A19C5
5910-813-5733		1A1A9C42	5910-813-9353	5-50	1A1A19C6
5910-813-5733		1A1A9C45	5910-813-9353	5-57	1A3A1C4
5910-813-5733		1A1A9C50	5910-813-9353	5-57	1A3A1C6
5910-813-5733		1A1A9C51	5910-813-9353	5-57	1A3A1C7
5910-813-5733		1A1A9C53	5910-832-8080	5-20	1A2C10
5910-813-5733		1A1A9C54	5910-832-8080	5-36	1A1C44
5910-813-5733		1A1A9C55	5910-838-9421	5-53	1A2C1
5910-813-5733		1A1A9C56	5910-838-9421	5-54	1A2A1C13
5910-813-5733		1A1A10C1	5910-838-9421	5-55	1A2A2C23
5910-813-5733		1A1A10C4	5910-838-9421	5-55	1A2A2C26
5910-813-5733		1A1A109	5910-866-3123	5-42	1A1A6C9
5910-813-5733		1A1A1013	5910-868-5845	5-43	1A1A7C9
5910-813-5733		1A1A10C17	5910-883-4779	5-42	1A1A6C18
5910-813-5733		1A1A10C23	5910-883-4779	5-42	1A1A6C19
5910-813-5733		1A1A10C25	5910-883-4779	5-44	1A1A8C1
5910-813-5733		1A1A10C26	5910-883-4779	5-44	1A1A8C6
5910-813-5733		1A1A20C21	5910-883-4779	5-44	1A1A8C8
5910-813-5733		1A1A20C25	5910-883-4779	5-44	1A1A8C17
5910-813-5733		1A1A20C26	5910-883-4779	5-44	1A1A8C25
5910-813-5733		1A1A20C31	5910-883-4779	5-47	1A1A11C3
5910-813-5733		1A2A1C17	5910-883-4779	5-47	1A1A11C17
5910-813-5733		1A2A1C18	5910-883-4779	5-55	1A2A2C62
5910-813-5733		1A2A1C19	5910-883-5712	5-53	1A2TB1C24
5910-813-5733		1A2A1C20	5910-883-5712	5-53	1A2TB1C25

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5910-883-5712		1A2A2c44	5910-999-6323	5-55	1A2A2C59
5910-883-5712	5-55	1A2A2C47	5920-777-6473	5-38	1A1F1
5910-883-5712	5-55	1A2A2C52	5920-777-6473	5-38	1A1F2
5910-883-5712	5-55	1A2A2C53	5920-785-5471	5-38	1A1XF1
5910-883-5712	5-55	1A2A2C57	5920-785-5471	5-38	1A1XF2
5910-883-5712	5-55	1A2A2C60	5930-225-7111	5-9	1A1S10
5910-883-5712	5-55	1A2A2C61	5930-225-7111	5-9	1A1S12
5910-842-2679	5-42	1A1A6C47	5930-225-7111	5-37	1A1S13
5910-842-2679	5-42	1A1A6C48	5930-615-1383	5-37	1A1S6
5910-842-2679	5-42	1A1A6C49	5930-677-0902	5-53	1A2S4
5910-902-0031	5-10	1A1A21C18	5930-814-6847	5-11	1A1A22S8
5910-902-0031	5-53	1A2C29	5930-814-6847	5-12	1A1A23S11
5910-902-0031	5-53	1A2C31	5930-814-6853	5-10	1A1A21S7
5910-902-0031	5-53	1A2C35	5930-823-0874	5-53	1A2S1
5910-902-0335	5-11	1A1A22C34	5930-823-0874	5-53	1A2S2
5910-902-0335	5-11	1A1A22C46	5930-823-0874	5-53	1A2S3
5910-902-0335	5-12	1A1A23c40	5930-892-9714		1A1S9
5910-902-0335	5-12	1A1A23C47	5935-148-9378		1MP1W1P1
5910-902-0335	5-20	1A2C8	5935-149-3534	1-1	1MP1CP3
5910-914-4377	5-42	1A1A6c7	5935-149-3534	1-1	1MP1CP4
5910-917-5418	5-36	1A1C7	5935-280-2195		1MP1W1MP1
5910-919-3199	5-36	1A1C3	5935-430-6656		1A1MP74
5910-919-3199	5-56	1A3C1	5935-430-6656		1A1MP75
5910-919-3948	5-36	1A1C2	5935-430-6656		1A1MP76
5910-932-4455	5-36	1A1C40	5935-430-6656		1A1MP77
5910-932-4455	5-36	1A1C41	5935-430-6656		1A1MP78
5910-932-4455	5-43	1A1A7C5	5935-430-6656		1A1MP79
5910-932-4455	5-46	1A1A10C2	5935-430-6656		1A1MP80
5910-935-3490	5-41	1A1A5C4	5935-430-6656		1A1MP81
5910-935-3490	5-41	1A1A5C6	5935-430-6656		1A1MP82
5910-935-3490	5-41	1A1A5C8	5935-430-6656		1A1MF83
5910-935-3490	5-41	1A1A5C10	5935-430-6656		1A1MF84
5910-935-3490	5-41	1A1A5C12	5935-430-6656		1A1MP85
5910-935-3490	5-41	1A1A5C14	5935-430-6656		1A1MP86
5910-935-3490	5-41	1A1A5C17	5935-430-6656		1A1MP87
5910-935-3490	5-41	1A1A5C19	5935-430-6656		1A1MP88
5910-935-3490	5-44	1A1A8c12	5935-430-6656		1A1MP89
5910-935-3490	5-45	1A1A9C11	5935-430-6656		1A1MP90
5910-935-3490	5-45	1A1A9C13	5935-430-6656		1A1MP91
5910-935-3490	5-45	1A1A9C18	5935-430-6656		1A1MP92
5910-935-3490	5-45	1A1A9C31	5935-552-7660	5-9	1A1J1
5910-935-3490	5-45	1A1A9C32	5935-552-7660	5-9	1A1J2
5910-935-3490	5-45	1A1A9C39	5935-552-7660	5-9	1A1J3
5910-935-3490	5-45	1A1A9C40	5935-552-7660	5-9	1A1J4
5910-935-3490	5-45	1A1A9C47	5935-552-7660	5-9	1A1J5
5910-935-3490	5-45	1A1A9C48	5935-552-7660	5-37	1A1J6
5910-935-3490	5-46	1A1A10C11	5935-552-7660	5-37	1A1J7
5910-935-3490	5-46	1A1A10C15	5935-552-7660	5-56	1A3J2
5910-935-3490	5-46	1A1A10C21	5935-755-5260	5-37	1A1J11
5910-935-3490	5-49	1A1A17C1	5935-781-2832	5-38	1A1J10
5910-935-3490	5-49	1A1A17C2	5935-781-2833	5-52	1A2P1
5910-935-3490	5-49	1A1A17C6	5935-807-389	1-1	1MP1CP5
5910-935-3490	5-49	1A1417C7	5935-807-3895	1-1	1MP1CP6
5910-935-3490	5-49	1A1A17C10	5935-823-0639	1-1	1MP1CP1
5910-935-3490	5-49	1A1A17C11	5935-823-0639	1-1	1MP1CP2
5910-935-3490	5-49	1A1A17C14	5935-843-7362		1MP1W1P2
5910-935-3490	5-49	1A1A17C15	5935-904-0779	1-1	1MP1MP3J1
5910-935-3490	5-49	1A1A18C1	5935-904-0779	5-36	1A1XA7
5910-935-3490	5-49	1A3A18c2	5935-919-3242	5-44	1A1A8J1
5910-935-3490	5-49	1A1A18C6	5935-919-3242	5-47	1A1A11J1
5910-935-3490	5-49	1A1A18C7	5935-919-3242	5-47	1A1A11J2
5910-935-3490	5-49	1A1A18C10	5935-926-0704	5-36	1A1XA1
5910-935-3490	5-49	1A1A18C11	5935-926-0704	5-36	1A1XA2
5910-935-3490	5-49	1A1A18C14	5935-926-0704	5-36	1A1XA3
5910-935-3490	5-49	1A1A18C15	5935-926-0704	5-36	1A1XA4
5910-999-6323	5-55	1A2A2C46	5935-926-0704	5-36	1A1XA5
5910-999-6323	5-55	1A2A2C50	5935-926-0704	5-36	1A1XA6
5910-999-6323	5-55	1A2A2C54	5935-926-0704	5-36	1A1XA8
5910-999-6323	5-55	1A2A2C55	5935-926-0704	5-36	1A1XA9

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION [CONTINUED]

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5935-926-0704	5-36	1A1XA10	5945-704-1993	5-44	1A1A8L1
5935-926-0704	5-36	1A1XA11	5950-704-1993	5-54	1A2A1L3
5935-926-0704	5-36	1A1XA12	5950-704-1993	5-54	1A2A1L4
5935-926-0704	5-36	1A1XA13	5950-704-1993	5-54	1A2A1L5
5935-926-0704	5-36	1A1XA14	5950-704-1993	5-54	1A2A1L6
5935-926-0704	5-36	1A1XA15	5950-729-3622	5-42	1A1A6L1
5935-926-0704	5-36	1A1XA16	5950-764-3188	5-45	1A1A9L4
5935-926-0704	5-36	1A1XA17	5953-764-3188	5-45	1A1A9L10
5935-926-0704	5-36	1A1XA18	5950-764-3188	5-45	1A1A9L11
5935-926-0704	5-36	1A1XA19	5959-764-3188	5-45	1A1A9L14
5935-938-2643	5-52	1A2XA1	5950-764-3188	5-45	1A1A9L15
5940-155-7685		1A1E3	5950-764-3188	5-45	1A1A9L18
5940-155-7685		1A1E4	5950-764-3188	5-45	1A1A9L19
5940-155-7685		1A1E5	5950-811-8468	5-45	1A1A9L1
5940-155-7685		1A1E6	5950-811-8468	5-45	1A1A9L2
5940-155-7685		1A1E7	5950-811-8468	5-45	1A1A9L5
5940-155-7685		1A1E8	5950-813-5683	5-57	1A3A1T2
5940-155-7685		1A1E9	5950-813-5685	5-42	1A1A6L2
5940-155-7685		1A1E10	5950-813-5685	5-42	1A1A6L3
5940-155-7685		1A1E11	5950-813-5685	5-42	1A1A6L4
5940-155-7685		1A1E12	5950-813-5692	5-42	1A1A6L6
5940-155-7685		1A1E13	5950-813-5692	5-42	1A1A6L7
5940-155-7685		1A1E14	5950-813-5692	5-42	1A1A6L8
5940-155-7685		1A1E15	5950-813-5710	5-45	1A1A9L6
5940-155-7685		1A1E16	5950-813-5725	5-45	1A1A9L3
5940-156-7344		1A1E17	5950-813-5725	5-45	1A1A9L7
5940-156-7344		1A1E18	5950-813-5725	5-45	1A1A9L9
5940-156-7344		1A1E19	5950-813-5725	5-45	1A1A9L12
5940-156-7344		1A1E20	5950-813-5725	5-45	1A1A9L13
5940-156-7344		1A1E21	5950-813-5725	5-45	1A1A9L16
5940-156-7344		1A1E22	5950-813-5725	5-45	1A1A9L17
5940-156-7344		1A1E23	5950-813-5725	5-45	1A1A9L20
5940-156-7344		1A1E24	5950-813-5725	5-53	1A2L4
5940-490-1159		1A1E32	5950-813-5725	5-53	1A2L5
5940-490-1159		1A1E33	5950-813-5725	5-53	1A2L6
5940-490-1159		1A1E34	5950-813-5727	5-53	1A2L3
5940-490-1159		1A1E35	5950-813-5730	5-44	1A1A8L2
5940-490-1159		1A1E36	5950-914-7865	5-42	1A1A6L5
5940-490-1159		1A1E37	5960-999-7135	5-68	1A1A12DS1
5940-490-1159		1A1E38	5960-999-7135	5-48	1A1A13DS1
5940-490-1159		1A1E39	5960-999-7135	5-48	1A1A16DS1
5940-490-1159		1A1E40	5960-999-7135	5-48	1A1A15DS1
5940-490-1159		1A1E41	5960-999-7135	5-48	1A1A16DS1
5940-490-1159		1A1E42	5960-999-7135	5-49	1A1A17DS1
5940-490-1159		1A1E43	5960-999-7135	5-49	1A1A18DS1
5940-490-1159		1A1E44	5960-999-7135	5-50	1A1A19DS1
5940-490-1159		1A1E45	5961-226-8581	5-44	1A1A8Q6
5940-786-0011		1A1E25	5961-226-8581	5-45	1A1A9Q12
5940-786-0011		1A1E26	5961-226-8581	5-46	1A1A10Q18
5940-786-0011		1A1E27	5961-226-8581	5-47	1A1A11Q4
5940-910-3390		1A1E28	5961-226-8581	5-47	1A1A11Q12
5940-910-3390		1A1E29	5961-226-8581	5-50	1A1A19Q10
5940-910-3390		1A1E30	5961-226-8581	5-51	1A1A20Q5
5940-910-3390		1A1E31	5961-478-9624	5-39	1A1A1CR15
5940-910-3390		1A3E5	5961-478-9624	5-39	1A1A1CR16
5940-935-8348		1A1E47	5961-478-9624	5-43	1A1A7CR7
5940-935-8348		1A1E48	5961-478-9624	5-43	1A1A7CR10
5940-935-8348		1A1E49	5961-478-9624	5-43	1A1A7CR21
5950-053-8245	5-55	1A2A2L25	5961-478-9624	5-45	1A1A9CR7
5950-058-9074	5-54	1A2A1L1	5961-478-9624	5-57	1A3A1C2
5950-058-9074	5-54	1A2A1L2	5961-615-0095	5-10	1A1A21CR1
5950-078-5860	5-55	1A2A2L19	5961-615-0095	5-40	1A1A2CR1
5950-078-5860	5-55	1A2A2L20	5961-615-0095	5-40	1A1A2CR2
5950-627-1770	5-55	1A2A3L1	5961-615-0095	5-40	1A1A2CR3
5950-627-2134	5-54	1A2A1T1	5961-615-0095	5-40	1A1A2CR4
5950-627-2208	5-54	1A2A1T2	5961-615-0095	5-40	1A1A2CR5
5950-627-2208	5-54	1A2A1T3	5961-615-0095	5-40	1A1A2CR6
5950-627-2208	5-54	1A2A1T4	5961-615-0095	5-40	1A1A2CR7
5950-627-2208	5-54	1A2A1T5	5961-615-0095	5-40	1A1A2CR8

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-615-0095	5-40	1A1A2CR9	5961-615-0095		1A1A5CR11
5961-615-0095	5-40	1A1A2CR10	5961-615-0095	5-41	1A1A5CR14
5961-615-0095	5-40	1A1A2CR11	5961-615-0095	5-41	1A1A5CR15
5961-615-0095	5-40	1A1A2CR12	5961-615-0095	5-41	1A1A5CR18
5961-615-0095	5-40	1A1A2CR13	5961-615-0095	5-41	1A1A5CR19
5961-615-0095	5-40	1A1A2CR14	5961-615-0095	5-41	1A1A5CR23
5961-615-0095	5-40	1A1A2CR15	5961-615-0095	5-43	1A1A7CR1
5961-615-0095	5-40	1A1A2CR16	5961-615-0095	5-43	1A1A7CR2
5961-615-0095	5-40	1A1A2CR17	5961-615-0095	5-43	1A1A7CR3
5961-615-0095	5-40	1A1A2CR18	5961-615-0095	5-43	1A1A7CR4
5961-615-0095	5-40	1A1A2CR19	5961-615-0095	5-43	1A1A7CR6
5961-615-0095	5-40	1A1A2CR20	5961-615-0095	5-43	1A1A7CR9
5961-615-0095	5-40	1A1A2CR21	5961-615-0095	5-43	1A1A7CR11
5961-615-0095	5-40	1A1A2CR22	5961-615-0095	5-43	1A1A7CR22
5961-615-0095	5-40	1A1A2CR23	5961-615-0095	5-43	1A1A7CR23
5961-615-0095	5-40	1A1A2CR24	5961-615-0095	5-44	1A1A8CR1
5961-615-0095	5-40	1A1A3CR1	5961-615-0095	5-44	1A1A8CR2
5961-615-0095	5-40	1A1A3CR2	5961-615-0095	5-44	1A1A8CR3
5961-615-0095	5-40	1A1A3CR3	5961-615-0095	5-44	1A1A8CR4
5961-615-0095	5-40	1A1A3CR4	5961-615-0095	5-44	1A1A8CR5
5961-615-0095	5-40	1A1A3CR5	5961-615-0095	5-44	1A1A8CR6
5961-615-0095	5-40	1A1A3CR6	5961-615-0095	5-44	1A1A8CR7
5961-615-0095	5-40	1A1A3CR7	5961-615-0095	5-46	1A1A10CR1
5961-615-0095	5-40	1A1A3CR8	5961-615-0095	5-46	1A1A10CR2
5961-615-0095	5-40	1A1A3CR9	5961-615-0095	5-46	1A1A10CR3
5961-615-0095	5-40	1A1A3CR10	5961-615-0095	5-46	1A1A10CR4
5961-615-0095	5-40	1A1A3CR11	5961-615-0095	5-46	1A1A10CR6
5961-615-0095	5-40	1A1A3CR12	5961-615-0095	5-46	1A1A10CR7
5961-615-0095	5-40	1A1A3CR13	5961-615-0095	5-46	1A1A10CR8
5961-615-0095	5-40	1A1A3CR14	5961-615-0095	5-46	1A1A10CR9
5961-615-0095	5-40	1A1A3CR15	5961-615-0095	5-47	1A1A11CR5
5961-615-0095	5-40	1A1A3CR16	5961-615-0095	5-47	1A1A11CR6
5961-615-0095	5-40	1A1A3CR17	5961-615-0095	5-47	1A1A11CR8
5961-615-0095	5-40	1A1A3CR18	5961-615-0095	5-47	1A1A11CR9
5961-615-0095	5-40	1A1A3CR19	5961-615-0095	5-47	1A1A11CR10
5961-615-0095	5-40	1A1A3CR20	5961-615-0095	5-47	1A1A11CR15
5961-615-0095	5-40	1A1A3CR21	5961-615-0095	5-47	1A1A11CR16
5961-615-0095	5-40	1A1A3CR22	5961-615-0095	5-47	1A1A11CR18
5961-615-0095	5-40	1A1A3CR23	5961-615-0095	5-47	1A1A11CR19
5961-615-0095	5-40	1A1A3CR24	5961-615-0095	5-47	1A1A11CR20
5961-615-0095	5-40	1A1A4CR1	5961-615-0095	5-48	1A1A12CR1
5961-615-0095	5-40	1A1A4CR2	5961-615-0095	5-48	1A1A12CR2
5961-615-0095	5-40	1A1A4CR3	5961-615-0095	5-48	1A1A12CR3
5961-615-0095	5-40	1A1A4CR4	5961-615-0095	5-48	1A1A12CR4
5961-615-0095	5-40	1A1A4CR5	5961-615-0095	5-48	1A1A12CR5
5961-615-0095	5-40	1A1A4CR6	5961-615-0095	5-48	1A1A12CR6
5961-615-0095	5-40	1A1A4CR7	5961-615-0095	5-48	1A1A12CR7
5961-615-0095	5-40	1A1A4CR8	5961-615-0095	5-48	1A1A12CR8
5961-615-0095	5-40	1A1A4CR9	5961-615-0095	5-48	1A1A12CR9
5961-615-0095	5-40	1A1A4CR10	5961-615-0095	5-48	1A1A12CR10
5961-615-0095	5-40	1A1A4CR11	5961-615-0095	5-48	1A1A12CR11
5961-615-0095	5-40	1A1A4CR12	5961-615-0095	5-48	1A1A12CR12
5961-615-0095	5-40	1A1A4CR13	5961-615-0095	5-48	1A1A12CR13
5961-615-0095	5-40	1A1A4CR14	5961-615-0095	5-48	1A1A12CR14
5961-615-0095	5-40	1A1A4CR15	5961-615-0095	5-48	1A1A12CR15
5961-615-0095	5-40	1A1A4CR16	5961-615-0095	5-48	1A1A12CR16
5961-615-0095	5-40	1A1A4CR17	5961-615-0095	5-48	1A1A12CR18
5961-615-0095	5-40	1A1A4CR17	5961-615-0095	5-48	1A1A12CR21
5961-615-0095	5-40	1A1A4CR18	5961-615-0095	5-48	1A1A12CR24
5961-615-0095	5-40	1A1A4CR19	5961-615-0095	5-48	1A1A12CR27
5961-615-0095	5-40	1A1A4CR20	5961-615-0095	5-48	1A1A12CR28
5961-615-0095	5-40	1A1A4CR21	5961-615-0095	5-48	1A1A12CR29
5961-615-0095	5-40	1A1A4CR22	5961-615-0095	5-48	1A1A12CR32
5961-615-0095	5-40	1A1A4CR23	5961-615-0095	5-48	1A1A12CR35
5961-615-0095	5-40	1A1A4CR24	5961-615-0095	5-48	1A1A12CR38
5961-615-0095	5-41	1A1A5CR1	5961-615-0095	5-48	1A1A12CR41
5961-615-0095	5-41	1A1A5CR4	5961-615-0095	5-48	1A1A13CR1
5961-615-0095	5-41	1A1A5CR5	5961-615-0095	5-48	1A1A13CR2
5961-615-0095	5-41	1A1A5CR10	5961-615-0095	5-48	1A1A13CR3

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-615-0095	5-48	1A1A13CR4	5961-615-0095	5-48	1A1A15CR27
5961-615-0095	5-48	1A1A13CR5	5961-615-0095	5-48	1A1A15CR28
5961-615-0095	5-48	1A1A13CR6	5961-615-0095	5-48	1A1A15cR29
5961-615-0095	5-48	1A1A13CR7	5961-615-0095	5-48	1A1A15cR32
5961-615-0095	5-48	1A1A13CR8	5961-615-0095	5-48	1A1A15CR35
5961-615-0095	5-48	1A1A13CR9	5961-615-0095	5-48	1A1A15CR38
5961-615-0095	5-48	1A1A13CR10	5961-615-0095	5-48	1A1A15CR41
5961-615-0095	5-48	1A1A13CR11	5961-615-0095	5-48	1A1A16CR1
5961-615-0095	5-48	1A1A13CR12	5961-615-0095	5-48	1A1A16CR2
5961-615-0095	5-48	1A1A13CR13	5961-615-0095	5-48	1A1A16CR3
5961-615-0095	5-48	1A1A13CR14	5961-615-0095	5-48	1A1A16CR4
5961-615-0095	5-48	1A1A13CR15	5961-615-0095	5-48	1A1A16CR5
5961-615-0095	5-48	1A1A13CR16	5961-615-0095	5-48	1A1A16CR6
5961-615-0095	5-48	1A1A13CR18	5961-615-0095	5-48	1A1A16CR7
5961-615-0095	5-48	1A1A13CR21	5061-615-0095	5-48	1A1A16CR8
5961-615-0095	5-48	1A1A13CR24	5961-615-0095	5-48	1A1A16cR9
5961-615-0095	5-48	1A1A13CR27	5961-615-0095	5-48	1A1A16CR10
5961-615-0095	5-48	1A1A13CR28	5961-615-0095	5-48	1A1A16CR11
5961-615-0095	5-48	1A1A13CR29	5961-615-0095	5-48	1A1A16CR12
5961-615-0095	5-48	1A1A13CR32	5961-615-0095	5-48	1A1A16CR13
5961-615-0095	5-48	1A1A13CR35	5961-615-0095	5-48	1A1A16CR14
5961-615-0095	5-48	1A1A13CR38	5961-615-0095	5-48	1A3A16CR15
5961-615-0095	5-48	1A1A13CR41	5961-615-0095	5-48	1A1A16CR16
5961-615-0095	5-48	1A1A14CR1	5961-615-0095	5-48	1A1A16CR18
5961-615-0095	5-48	1A1A14CR2	5961-615-0095	5-48	1A1A16CR21
5961-615-0095	5-48	1A1A14CR3	5961-615-0095	5-48	1A1A16CR24
5961-615-0095	5-48	1A1A14CR4	5961-615-0095	5-48	1A1A16cR27
5961-615-0095	5-48	1A1A14CR5	5961-615-0095	5-48	1A1A16cR28
5961-615-0095	5-48	1A1A14CR6	5961-615-0095	5-48	1A1A16cR29
5961-615-0095	5-48	1A1A14CR7	5961-615-0095	5-48	1A1A16CR32
5961-615-0095	5-48	1A1A14CR8	5961-615-0095	5-48	1A1A16CR35
5961-615-0095	5-48	1A1A14CR9	5961-615-0095	5-48	1A1A16CR38
5961-615-0095	5-48	1A1A14CR10	5961-615-0095	5-48	1A1A16cR41
5961-615-0095	5-48	1A1A14CR11	5961-615-0095	5-49	1A1A17CR1
5961-615-0095	5-48	1A1A14CR12	5961-615-0095	5-49	1A1A17CR2
5961-615-0095	5-48	1A1A14CR13	5961-615-0095	5-49	1A1A17CR3
5961-615-0095	5-48	1A1A14CR14	5961-615-0095	5-49	1A1A17CR4
5961-615-0095	5-48	1A1A14CR15	5961-615-0095	5-49	1A1A17CR5
5961-615-0095	5-48	1A1A14CR16	5961-615-0095	5-49	1A1A17CR6
5961-615-0095	5-48	1A1A14CR18	5961-615-0095	5-49	1A1A17CR7
5961-615-0095	5-48	1A1A14CR21	5961-615-0095	5-49	1A1A17CR8
5961-615-0095	5-48	1A1A14CR24	5961-615-0095	5-49	1A1A17CR9
5961-615-0095	5-48	1A1A14CR27	5961-615-0095	5-49	1A1A7CR10
5961-615-0095	5-48	1A1A14CR28	5961-615-0095	5-49	1A1A17CR11
5961-615-0095	5-48	1A1A14CR29	5961-615-0095	5-49	1A1A17CR12
5961-615-0095	5-48	1A1A14CR32	5961-615-0095	5-49	1A1A17CR13
5961-615-0095	5-38	1A1A14CR35	5961-615-0095	5-49	1A1A17CR14
5961-615-0095	5-48	1A1A14CR38	5961-615-0095	5-49	1A1A17CR15
5961-615-0095	5-48	1A1A14CR41	5961-615-0095	5-49	1A1A17CR16
5961-615-0095	5-48	1A1A15CR1	5961-615-0095	5-49	1A1A18CR1
5961-615-0095	5-48	1A1A15CR2	5961-615-0095	5-49	1A1A18CR2
5961-615-0095	5-48	1A1A15CR3	5961-615-0095	5-49	1A1A18cR3
5961-615-0095	5-48	1A1A15CR4	5961-615-0095	5-49	1A1A18CR4
5961-615-0095	5-48	1A1A15CR5	5961-615-0095	5-49	1A1A18CR5
5961-615-0095	5-48	1A1A15CR6	5961-615-0095	5-49	1A1A18CR6
5961-615-0095	5-48	1A1A15CR7	5961-615-0095	5-49	1A1A18CR7
5961-615-0095	5-48	1A1A15CR8	5961-615-0095	5-49	1A1A18CR8
5961-615-0095	5-48	1A1A15CR9	5961-615-0095	5-49	1A1A18CR9
5961-615-0095	5-48	1A1A15CR10	5961-615-0095	5-49	1A1A18CR10
5961-615-0095	5-48	1A1A15CR11	5961-615-0095	5-49	1A1A18CR11
5961-615-0095	5-48	1A1A15CR12	5961-615-0095	5-49	1A1A18CR12
5961-615-0095	5-48	1A1A15CR13	5961-615-0095	5-49	1A1A18CR13
5961-615-0095	5-48	1A1A15cR14	5961-615-0095	5-49	1A1A18CR14
5961-615-0095	5-48	1A1A15CR15	5961-615-0095	5-49	1A1A18CR15
5961-615-0095	5-48	1A1A15CR16	5961-615-0095	5-49	1A1A18CR16
5961-615-0095	5-48	1A1A15CR18	5961-615-0095	5-50	1A1A19CR1
5961-615-0095	5-48	1A1A15CR21	5961-615-0095	5-50	1A1A19CR2
5961-615-0095	5-48	1A1A15CR24	5361-615-0095	5-50	1A1A19CR3

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-615-0095		1A1A19CR4	5961-814-0768	5-44	1A1A8CR9
5961-615-0095	5-50	1A1A19CR5	5961-814-0768	5-45	1A1A9CR2
5961-615-0095	5-50	1A1A19CR6	5961-814-0768	5-45	1A1A9CR14
5961-615-0095	5-50	1A1A19CR7	5961-814-0768	5-45	1A19CR15
5961-615-0095	5-50	1A1A19CR8	5961-814-0768	5-45	1A1A9CR17
5961-615-0095	5-50	1A1A19CR9	5961-814-0768	5-45	1A1A9CR28
5961-615-0095	5-50	1A1A19CR10	5961-814-0768	5-45	1A1A9CR31
5961-615-0095	5-50	1A1A19CR11	5961-814-0768	5-45	1A1A9C41
5961-615-0095	5-50	1A1A19CR12	5961-814-0768	5-45	1A1A9CR44
5961-615-0095	5-50	1A1A19CR13	5961-814-0768	5-45	1A1A9CR55
5961-615-0095	5-50	1A1A19CR14	5961-814-0768	5-45	1A1A9CR58
5961-615-0095	5-50	1A1A19CR15	5961-814-0768	5-46	1A1A10CR11
5961-615-0095	5-50	1A1A19CR16	5961-814-0768	5-46	1A1A10CR12
5961-752-5229	5-39	1A1A1Q8	5961-814-0768	5-46	1A1A10CR13
5961-752-5229	5-40	1A1A2Q9	5961-814-0768	5-46	1AM10CR14
5961-752-5229	5-40	1A1A2Q21	5961-814-0768	5-46	1A1A10CR15
5961-752-5229	5-40	1A1A3Q9	5961-814-0768	5-46	1A1A10CR16
5961-752-5229	5-40	1A1A3Q21	5961-814-0768	5-46	1A1A10CR17
5961-752-5229	5-40	1A1A4Q9	5961-814-0768	5-46	1A1A10CR18
5961-752-5229	5-40	1A1A4Q21	5961-814-0768	5-46	1A1A10CR19
5961-752-5229	5-41	1A1A5Q10	5961-814-0768	5-46	1A3A10CR20
5961-752-5229	5-43	1A1A7Q10	5961-814-0768	5-46	1A1A10CR22
5961-752-5229	5-44	1A1A8Q3	5961-814-0768	5-46	1A1A10CR23
5961-752-5229	5-46	1A1A10Q1	5961-814-0768	5-47	1A1A1CR4
5961-752-5229	5-46	1A1A10Q7	5961-814-0768	5-47	1A1A11CR7
5961-752-5229	5-46	1A1A10Q9	5961-814-0768	5-47	1A1A11CR14
5961-752-6121	5-47	1A1A11CR1	5961-814-0768	5-47	1A1A11CR17
5961-752-6121	5-47	1A1A11CR11	5961-814-0768	5-49	1A1A17CR17
5961-780-0036	5-45	1A1A9Q2	5961-814-0768	5-49	1A1A17CR18
5961-811-8372	5-39	1A1A1CR5	5961-814-0768	5-49	1A1A17CR19
5961-811-8372	5-39	1A1A1CR6	5961-814-0768	5-49	1A1A17CR20
5961-811-8372	5-39	1A1A1CR7	5961-814-0768	5-49	1A1A17CR21
5961-811-8372	5-39	1A1A1CR8	5961-814-0768	5-49	1A1A17CR22
5961-811-8372	5-39	1A1A1CR9	5961-814-0768	5-49	1A1A17CR23
5961-811-8372	5-39	1A1A1CR10	5961-814-0768	5-49	1A1A17CR24
5961-811-8372	5-39	1A1A1CR11	5961-814-0768	5-49	1A1A17CR25
5961-811-8372	5-39	1A1A1CR12	5961-814-0768	5-49	1A1A17CR26
5961-811-8372	5-57	1A3A1CR1	5961-814-0768	5-49	1A1A17CR27
5961-811-8372	5-57	1A3A1CR2	5961-814-0768	5-49	1A1A17CR28
5961-811-8372	5-57	1A3A1CR3	5961-814-0768	5-49	1A1A17CR29
5961-811-8372	5-57	1A3A1CR4	5961-814-0768	5-49	1A1A17CR30
5961-811-8372	5-57	1A3A1CR5	5961-814-0768	5-49	1A1A17CR31
5961-814-0768	5-36	1A1CR5	5961-814-0768	5-49	1A1A17CR32
5961-814-0768	5-41	1A1A5CR2	5961-814-0768	5-49	1A1A17CR33
5961-814-0768	5-41	1A1A5CR3	5961-814-0768	5-49	1A1A17CR34
5961-814-0768	5-41	1A1A5CR6	5961-814-0768	5-49	1A1A17CR35
5961-814-0768	5-41	1A1A5CR7	5961-814-0768	5-49	1A1A17CR36
5961-814-0768	5-41	1A1A5CR8	5961-814-0768	5-49	1A1A17CR37
5961-814-0768	5-41	1A1A5CR9	5961-814-0768	5-49	1A1A17CR38
5961-814-0768	5-41	1A1A5CR12	5961-814-0768	5-49	1A1A17CR39
5961-814-0768	5-41	1A1A5CR13	5961-814-0768	5-49	1A1A17CR40
5961-814-0768	5-41	1A1A5CR16	5961-814-0768	5-49	1A1A17CR41
5961-814-0768	5-41	1A1A5CR17	5961-814-0768	5-49	1A1A17CR42
5961-814-0768	5-41	1A1A5CR20	5961-814-0768	5-49	1A1A18CR17
5961-814-0768	5-41	1A1A5CR21	5961-814-0768	5-49	1A1A18CR18
5961-814-0768	5-41	1A1A5CR22	5961-814-0768	5-49	1A1A18CR19
5961-814-0768	5-42	1A1A6CR1	5961-814-0768	5-49	1A1A18CR20
5961-814-0768	5-42	1A1A6CR2	5961-814-0768	5-49	1A1A18CR21
5961-814-0768	5-42	1A1A6CR3	5961-814-0768	5-49	1A1A18CR22
5961-814-0768	5-42	1A1A6CR4	5961-814-0768	5-49	1A1A18CR23
5961-814-0768	5-42	1A1A6CR6	5961-814-0768	5-49	1A1A18CR24
5961-814-0768	5-42	1A1A6CR7	5961-814-0768	5-49	1A1A18CR25
5961-814-0768	5-42	1A1A6CR8	5961-814-0768	5-49	1A1A18CR26
5961-814-0768	5-42	1A1A6CR9	5961-814-0768	5-49	1A1A18CR27
5961-814-0768	5-42	1A1A6CR10	5961-814-0768	5-49	1A1A18CR28
5961-814-0768	5-42	1A3A6CR11	5961-814-0768	5-49	1A1A18CR29
5961-814-0768	5-42	1A1A6CR12	5961-814-0768	5-49	1A1A18CR30
5961-814-0768	5-43	1A1A7CR5	5961-814-0768	5-49	1A1A18CR31
5961-814-0768	5-44	1A1A8CR8	5961-814-0768	5-49	1A1A18CR32

**SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)**

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-814-0768	5-49	1A1A18CR33	5961-814-6967	5-48	1A1A16Q6
5961-814-0768	5-49	1A1A18CR34	5961-814-6967	5-48	1A1A16Q7
5961-814-0768	5-49	1A1A18CR35	5961-814-6967	5-48	1A1A16Q8
5961-814-0768	5-49	1A1A18CR36	5961-814-6967	5-48	1A1A16Q9
5961-814-0768	5-49	1A1A18CR37	5961-814-6967	5-49	1A1A17Q5
5961-814-0768	5-49	1A1A18CR38	5961-814-6967	5-49	1A1A17Q6
5961-814-0768	5-49	1A1A18CR39	5961-814-6967	5-49	1A1A17Q7
5961-814-0768	5-49	1A1A18CR40	5961-814-6967	5-49	1A1A17Q8
5961-814-0768	5-49	1A1A18CR41	5961-814-6967	5-49	1A1A17Q9
5961-814-0768	5-49	1A1A18CR42	5961-814-6967	5-49	1A1A18Q5
5961-814-0768	5-50	1A1A19CR17	5961-814-6967	5-49	1A1A18Q6
5961-814-0768	5-50	1A1A19CR18	5961-814-6967	5-49	1A1A18Q7
5961-814-0768	5-51	1A1A20CR6	5961-814-6967	5-49	1A1A18Q8
5961-814-0768	5-54	1A2A1CR1	5961-814-6967	5-49	1A1A18Q9
5961-814-0768	5-54	1A2A1CR2	5961-814-6967	5-50	1A1A19Q5
5961-814-0768	5-55	1A2A2CR8	5961-814-6967	5-50	1A1A19Q6
5961-814-6958	5-48	1A1A12Q1	5961-814-6967	5-50	1A1A19Q7
5961-814-6958	5-48	1A1A12Q2	5961-814-6967	5-50	1A1A19Q8
5961-814-6958	5-48	1A1A12Q3	5961-814-6967	5-50	1A1A19Q9
5961-814-6958	5-48	1A1A12Q4	5961-814-6993	5-47	1A1A11Q1
5961-814-6958	5-48	1A1A13Q1	5961-814-6993	5-47	1A1A11Q9
5961-814-6958	5-48	1A1A13Q2	5961-814-6993	5-51	1A1A20Q6
5961-814-6958	5-48	1A1A13Q3	5961-821-8976	5-39	1A1A1Q5
5961-814-6958	5-48	1A1A13Q4	5961-821-8976	5-39	1A1A1Q7
5961-814-6958	5-48	1A1A14Q1	5961-821-8976	5-56	1A3Q1
5961-814-6958	5-48	1A1A14Q2	5961-837-7262	5-39	1A1A1Q2
5961-814-6958	5-48	1A1A14Q3	5961-837-7262	5-39	1A1A1Q3
5961-814-6958	5-48	1A1A14Q4	5961-837-7262	5-39	1A1A1Q6
5961-814-6958	5-48	1A1A15Q1	5961-837-7262	5-50	1A1A19Q13
5961-814-6958	5-48	1A1A15Q2	5961-837-7262	5-50	1A1A19Q15
5961-814-6958	5-48	1A1A15Q3	5961-837-7262	5-50	1A1A19Q17
5961-814-6958	5-48	1A1A15Q4	5961-837-7262	5-50	1A1A19Q19
5961-814-6958	5-48	1A1A16Q1	5961-840-5466	5-43	1A1A7CR12
5961-814-6958	5-48	1A1A16Q2	5961-840-5466	5-43	1A1A7CR13
5961-814-6958	5-48	1A1A16Q3	5961-840-5466	5-43	1A1A7CR14
5961-814-6958	5-48	1A1A16Q4	5961-840-5466	5-43	1A1A7CR15
5961-814-6958	5-49	1A1A17Q1	5961-840-5466	5-43	1A1A7CR16
5961-814-6958	5-49	1A1A17Q2	5961-840-5466	5-43	1A1A7CR17
5961-814-6958	5-49	1A1A17Q3	5961-840-5466	5-43	1A1A7CR18
5961-814-6958	5-49	1A1A17Q4	5961-840-5466	5-43	1A1A7CR19
5961-814-6958	5-49	1A1A18Q1	5961-840-5466	5-43	1A1A7CR20
5961-814-6958	5-49	1A1A18Q2	5961-842-6937	5-41	1A1A5Q1
5961-814-6958	5-49	1A1A18Q3	5961-842-6937	5-41	1A1A5Q2
5961-814-6958	5-49	1A1A18Q4	5961-842-6937	5-41	1A1A5Q3
5961-814-6958	5-50	1A1A19Q1	5961-842-6937	5-41	1A1A5Q4
5961-814-6958	5-50	1A1A19Q2	5961-842-6937	5-41	1A1A5Q5
5961-814-6958	5-50	1A1A19Q3	5961-842-6937	5-41	1A1A5Q6
5961-814-6958	5-50	1A1A19Q4	5961-842-6937	5-41	1A1A5Q7
5961-814-6967	5-48	1A1A12Q5	5961-842-6937	5-41	1A1A5Q8
5961-814-6967	5-48	1A1A12Q6	.3961 -842-6937	5-41	1A1A5Q11
5961-814-6967	5-48	1A1A12Q7	5961-842-6937	5-41	1A1A5Q12
5961-814-6967	5-48	1A1A12Q8	5961-842-6937	5-41	1A1A5Q13
5961-814-6967	5-48	1A1A12Q9	5961-842-6937	5-41	1A1A5Q14
5961-814-6967	5-48	1A1A13Q5	5961-842-6937	5-41	1A1A5Q15
5961-814-6967	5-48	1A1A13Q6	5961-842-6937	5-42	1A1A6Q1
5961-814-6967	5-48	1A1A13Q7	5961-842-6937	5-42	1A1A6Q2
5961-814-6967	5-48	1A1A13Q8	5961-842-6937	5-42	1A1A6Q3
5961-814-6967	5-48	1A1A13Q9	5961-8L2-6937	5-42	1A1A6Q4
5961-814-6967	5-48	1A1A14Q5	5961-842-6937	5-42	1A1A6Q5
5961-814-6967	5-48	1A1A14Q6	5961-842-6937	5-42	1A1A6Q6
5961-814-6967	5-48	1A1A14Q7	5961-842-6937	5-42	1A1A6Q7
5961-814-6967	5-48	1A1A14Q8	5961-842-6937	5-42	1A1A6Q8
5961-814-6967	5-48	1A1A14Q9	5961-842-6937	5-42	1A1A6Q9
5961-814-6967	5-48	1A1A15Q5	5961-842-6937	5-42	1A1A6Q10
5961-814-6967	5-48	1A1A15Q6	5961-842-6937	5-42	1A1A6Q11
5961-814-6967	5-48	1A1A15Q7	5961-842-6937	5-42	1A1A6Q12
5961-814-6967	5-48	1A1A15Q8	5961-842-6937	5-42	1A1A6Q13
5961-814-6967	5-48	1A1A15Q9	5961-842-6937	5-42	1A1A6Q14
5961-814-6967	5-48	1A1A16Q5	5961-542-6937	5-42	1A1A6Q15

**SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)**

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-842-6937	5 - 4 2	1A1A6Q16	5961-892-0800	5-40	1A1A2Q5
5961-842-6937	5-42	1A1A6Q17	5961-892-0800	5-40	1A1A2Q6
5961-842-6937	5-42	1A1A6Q18	5961-892-0800	5-40	1A1A2Q7
5961-842-6937	5-42	1A1A6Q19	5961-892-0800	5-40	1A1A2Q8
5961-842-6937	5-42	1A1A6Q20	5961-892-0800	5-40	1A1A2Q10
5961-842-6937	5-44	1A1A8Q5	5961-892-0800	5-40	1A1A2Q11
5961-842-6937	5-44	1A1A8Q7	5961-892-0800	5-40	1A1A2Q12
5961-842-6937	5-44	1A1A8Q14	5961-892-0800	5-40	1A1A2Q13
5961-842-6937	5-46	1A1A10Q5	5961-892-0800	5-40	1A1A2Q14
5961-842-6937	5-46	1A1A10Q6	5961-892-0800	5-40	1A1A2Q15
5961-842-6937	5-46	1A1A10Q11	5961-892-0800	5-40	1A1A2Q16
5961-842-6937	5-46	1A1A10Q13	5961-892-0800	5-40	1A1A2Q17
5961-842-6937	5-46	1A1A10Q15	5961-892-0800	5-40	1A1A2Q18
5961-842-6937	5-46	1A1A10Q17	5961-892-0800	5-40	1A1A2Q19
5961-842-6937	5-47	1A1A11Q2	5961-892-0800	5-40	1A1A2Q20
5961-842-6937	5-47	1A1A11Q3	5961-892-0800	5-40	1A1A2Q22
5961-842-6937	5-47	1A1A11Q5	5961-892-0800	5-40	1A1A3Q1
5961-842-6937	5-47	1A1A11Q6	5961-892-0800	5-40	1A1A3Q2
5961-842-6937	5-47	1A1A11Q7	5961-892-0800	5-40	1A1A3Q3
5961-842-6937	5-47	1A1A11Q8	5961-892-0800	5-40	1A1A3Q4
5961-842-6937	5-47	1A1A11Q10	5961-892-0800	5-40	1A1A3Q5
5961-842-6937	5-47	1A1A11Q11	5961-892-0800	5-40	1A1A3Q6
5961-842-6937	5-47	1A1A11Q13	5961-892-0800	5-40	1A1A3Q7
5961-842-6937	5-47	1A1A11Q14	5961-892-0800	5-40	1A1A3Q8
5961-842-6937	5-47	1A1A11Q15	5961-892-0800	5-40	1A1A3Q10
5961-842-6937	5-47	1A1A11Q16	5961-892-0800	5-40	1A1A3Q11
5961-842-6937	5-49	1A1A17Q10	5961-892-0800	5-40	1A1A3Q12
5961-842-6937	5-49	1A1A17Q11	5961-892-0800	5-40	1A1A3Q13
5961-842-6937	5-49	1A1A17Q12	5961-892-0800	5-40	1A1A3Q14
5961-842-6937	5-49	1A1A17Q13	5961-892-0800	5-40	1A1A3Q15
5961-842-6937	5-49	1A1A17Q14	5961-892-0800	5-40	1A1A3Q16
5961-842-6937	5-49	1A1A17Q15	5961-892-0800	5-40	1A1A3Q17
5961-842-6937	5-49	1A1A17Q16	5961-892-0800	5-40	1A1A3Q18
5961-842-6937	5-49	1A1A17Q17	5961-892-0800	5-40	1A1A3Q19
5961-642-6937	5-49	1A1A18Q10	5961-892-0800	5-40	1A1A3Q20
5961-842-6937	5-49	1A1A18Q11	5961-892-0800	5-40	1A1A3Q22
5961-842-6937	5-49	1A1A18Q12	5961-892-0800	5-40	1A1A4Q1
5961-842-6937	5-49	1A1A18Q13	5961-892-0800	5-40	1A1A4Q2
5961-842-6937	5-49	1A1A18Q14	5961-892-0800	5-40	1A1A4Q3
5961-842-6937	5-49	1A1A18Q15	5961-892-0800	5-40	1A1A4Q4
5961-842-6937	5-49	1A1A18Q16	5961-892-0800	5-40	1A1A4Q5
5961-842-6937	5-49	1A1A18Q17	5961-892-0800	5-40	1A1A4Q6
5961-842-6937	5-50	1A1A19Q11	5961-892-0800	5-40	1A1A4Q7
5961-842-6937	5-54	1A2A1Q1	5961-892-0800	5-40	1A1A4Q8
5961-842-6937	5-54	1A2A1Q2	5961-892-0800	5-40	1A1A4Q10
5961-842-6937	5-54	1A2A1Q3	5961-892-0800	5-40	1A1A4Q11
5961-842-6937	5-54	1A2A1Q4	5961-892-0800	5-40	1A1A4Q12
5961-842-6937	5-54	1A2A1Q5	5961-892-0800	5-40	1A1A4Q13
5961-842-6937	5-55	1A2A2Q7	5961-892-0800	5-40	1A1A4Q14
5961-842-6937	5-57	1A3A1Q3	5961-892-0800	5-40	1A1A4Q15
5961-842-6937	5-57	1A3A1Q4	5961-892-0800	5-40	1A1A4Q16
5961-847-5240	5-50	1A1A19CR19	5961-892-0800	5-40	1A1A4Q17
5961-847-5240	5-51	1A1A20CR7	5961-892-0800	5-40	1A1A4Q18
5961-850-8449	5-36	1A1CR1	5961-892-0800	5-40	1A1A4Q19
5961-850-8449	5-36	1A1CR2	5961-892-0800	5-40	1A1A4Q20
5961-850-8449	5-36	1A1CR3	5961-892-0800	5-40	1A1A4Q22
5961-850-8449	5-36	1A1CR4	5961-892--0800	5-41	1A1A5Q9
5961-852-5171	5-43	1A1A7Q11	5961-892-0800	5-41	1A1A5Q16
5961-852-5171	5-57	1A3A1Q2	5961-892-0800	5-41	1A1A5Q17
5961-852-7549	5-50	1A1A20CR5	5961-892-0800	5-43	1A1A7Q1
5961-879-7517		1A1A10MP1	5961-892-0800	5-43	1A1A7Q2
5961-892-0688	5-39	1A1A1CR14	5961-892-0800	5-43	1A1A7Q3
5961-892-0699	5-57	1A3A1CR6	5961-892-0800	5-43	1A1A7Q4
5961-892-0688	5-57	1A3A1CR7	5961-892-0800	5-43	1A1A7Q5
5961-892-0800	5-39	1A1AIQ4	5961-892-0800	5-43	1A1A7Q6
5961-892-0800	5-40	1A1A2Q1	5961-892-0800	5-43	1A1A7Q7
5961-892-0800	5-40	1A1A2Q2	5961-892-0800	5-43	1A1A7Q8
5961-892-0800	5-40	1A1A2Q3	5961-892-0800	5-43	1A1A7Q9
5961-892-0800	5-40	1A1A2Q4	5961-892-0800	5-43	1A1A7Q12

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	
5961-892-0800		1A1A7Q13	5961-999-7139	5-44	1A1A8Q9	
5961-892-0800	5-44	1A1A8Q1	5961-999-7139	5-44	1A1A8Q10	
5961-892-0800	5-44	1A1A8Q2	5961-999-7139	5-44	1A1A8Q11	
5961-892-0800	5-44	1A1A8Q4	5961-999-7139	5-44	1A1A8Q12	
5961-892-0800	5-46	1A1A10Q2	5961-999-7139	5-45	1A1A9Q1	
5961-892-0800	5-46	1A1A10Q4	5961-999-7139	5-45	1A1A9Q10	
5961-892-0800	5-46	1A1A10Q10	7961-999-7139	5-45	1A1A9Q11	
5961-892-0800	5-46	1A1A10Q16	5961-999-7139	5-45	1A1A9Q13	
5961-892-0800	5-48	1A1A12Q10	5961-999-7139	5-45	1A1A9Q14	
5961-892-0800	5-48	1A1A12Q11	5961-999-7139	5-45	1A1A9Q15	
5961-892-0800	5-48	1A1A12Q12	5961-999-7139	5-45	1A1A9Q16	
5961-892-0800	5-48	1A1A12Q13	5961-999-7139	5-45	1A1A9Q17	
5961-892-0800	5-48	1A1A12Q14	.5961 -999-7139	5-45	1A1A9Q18	
5961-892-0800	5-48	1A1A12Q15	5961-999-7139	5-45	1A1A9Q19	
5961-892-0800	5-48	1A1A12Q16	5961-999-7139	5-45	1A1A9Q20	
5961-892-0800	5-48	3A1A12Q17	5961-999-7139	5-45	1A1A9Q21	
5961-892-0800	5-48	1A1A12Q18	5961-999-7139	5-45	1A1A9Q22	
5961-892-0800	5-48	1A1A13Q10	5961-999-7139	5-45	1A1A9Q23	
5961-892-0800	5-48	1A1A13Q11	5961-999-7139	5-45	1A1A9Q24	
5961-892-0800	5-48	1A1A13Q12	5961-999-7139	5-45	1A1A9Q25	
5961-892-0800	5-48	1A1A13Q13	5961-999-7139	5-45	1A1A9Q26	
5961-892-0800	5-48	1A1A13Q14	5961-999-7139	5-46	1A1A10Q8	
5961-892-0800	5-48	1A1A13Q15	5961-999-7139	5-46	1A1A10Q12	
5961-892-0800	5-48	1A1A13Q16	5961-999-7139	5-46	1A1A10Q14	
5961-892-0800	5-48	1A1A13Q17	5961-999-7139	5-46	1A1A10Q19	
5961-892-0800	5-48	1A1A13Q18	5961-999-7139	5-51	1A1A20Q7	
5961-892-0800	5-48	1A1A14Q10	5961-999-7139	5-51	1A1A20Q8	
5961-892-0800	5-48	1A1A14Q11	5970-985-8980		1A2MP13	
5961-892-0800	5-48	1A1A14Q12	5970-985-8980		1A2MP14	
5961-892-0800	5-48	1A1A14Q13	6145-542-6092	1-1	1MP1W2W1	
5961-892-0800	5-48	1A1A14Q14	6145-542-6092	1-1	1MP1W4W1	
5961-892-0800	5-48	1A1A14Q15	6145-542-6092	1-1	1MP1W5W1	
5961-892-0800	5-48	1A1A14Q16	6240-781-6874	5-37	1A1DS4	
5961-892-0800	5-48	1A1A14Q17	6240-781-6874	5-37	1A1DS5	
5961-892-0800	5-48	1A1A14Q18	6240-781-6874	5-37	1A1DS6	
5961-892-0800	5-48	1A1A15Q10	6240-781-6874	5-37	1A1DS7	
5961-892-0800	5-48	1A1A15Q11	6240-781-6874	5-37	1A1DS8	
5961-892-0800	5-48	1A1A15Q12	6240-781-6874	5-37	1A1DS9	
5961-892-0800	5-48	1A1A15Q13	6240-781-6874	5-37	1A1DS10	
5961-892-0800	5-48	1A1A15Q14	6240-781-6874	5-17	1A1DS11	
5961-892-0800	5-48	1A1A15Q15	6240-781-6874	5-17	1A1DS12	
5961-892-0800	5-48	1A1A15Q16	6240-781-6874	5-17	1A1DS13	
5961-892-0800	5-48	1A1A15Q17	6240-781-6874	5-17	1A1DS14	
5961-892-0800	5-48	1A1A15Q18	6240-781-6874	5-17	1A1DS15	
5961-892-0800	5-48	1A1A16Q10	6240-892-4420	5-37	1A1DS1	
5961-892-0800	5-48	1A1A16Q11	6625-810-7964	5-53	1A2M1	
5961-892-0800	5-48	1A1A16Q12				
5961-892-0800	5-48	1A1A16Q13	REFERENCE	MFG.	FIG.	REF. DESIG.
5961-892-0800	5-48	1A1A16Q14	NO.	CODE	NO.	OR ITEM NO.
5961-892-0800	5-48	1A1A16Q15	AP10720	30724	5-56	1A3T1
5961-892-0800	5-48	1A1A16Q16	A1CT	08806	5-37	1A1DS4
5961-892-0800	5-48	1A1A16Q17	A1CT	08806	5-37	1A1DS5
5961-892-0800	5-48	1A1A16Q18	A1CT	08806	5-37	1A1DS6
5961-892-0800	5-49	1A1A17Q18	A1CT	08806	5-37	1A1DS7
5961-892-0800	5-49	1A1A18Q18	A1CT	08806	5-37	1A1DS8
5961-892-0800	5-50	1A1A19Q12	A1CT	08806	5-37	1A1DS9
5961-892-0800	5-50	1A1A19Q14	A1CT	08806	5-37	1A1DS10
5961-892-0800	5-50	1A1A19Q16	A1CT	08806	5-37	1A1DS11
5961-892-0800	5-50	1A1A19QL8	A1CT	08806	5-17	1A1DS12
5961-892-0800	5-50	1A1A19Q20	A1CT	08806	5-17	1A1DS13
5961-892-3544	5-39	1A1A1CR13	A1CT	08806	5-17	1A1DS14
5961-892-3544	5-47	1A1A11CR2	A1CT	08806	5-17	1A1DS15
5961-892-3544	5-47	1A1A11CR3	A1CT	08806	5-17	1A1E17
5961-892-3544	5-47	1A1A11CR12	A16D3235	83330		1A1E18
5961-892-3544	5-47	1A1A11CR13	A26D3235	83330		1A1E19
5961-926-0125	5-39	1A1A1Q1	A26D3235	96906		1A1E20
5961-927-6466	5-45	1A1A9Q5	A26D3235	83330		1A1E21
5961-990-4604	5-46	1A1A10Q3	A26D3235	83330		
5961-999-7139	5-44	1A1A8Q8				

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
A26D3235	83330		141E22	CK62AW822M	81349	5-47	1A1A11C4
A26D3235	83330		1A1E23	CK62AW822M	81349	5-47	1A1A11C5
A26D3235	83330		1A1E24	CK62AW822M	81349	5-47	1A1A11C7
BSIC	00656	5-10	1A1A21C17	CK62AW822M	81349	5-47	1A1A11C10
B1439	98291		1A2NMP13	CK62AW822M	81349	5-47	1A1A11C11
B1439	98291		1A2MP14	CK62AW822M	81349	5-47	1A1A11C14
B5025	83594	5-48	1A1A12DS1	CK62AW822M	81349	5-47	1A1A1C18
B5025	83594	5-48	1A1A13DS1	CK62AW822M	81349	5-47	1A1A1C19
B5025	83594	5-48	1A1A14DS1	CK62AW822M	81349	5-47	1A1A1C21
B5025	83594	5-48	1A1A15DS1	CK62AW822M	81349	5-47	1A1A1C24
B5025	83594	5-48	1A1A16DS1	CK62AW822M	81349	5-47	1A1A1C25
B5025	83594	5-49	1A1A17DS1	CK62AW822M	81349	5-47	1A1A1C28
B5025	83594	5-49	1A1A18DS1	CK62AW822M	81349	5-48	1A1A12C17
B5025	83594	5-50	1A1A19DS1	CK62AW822M	81349	5-48	1A1A12C18
CB11RD300K	81349	5-53	1A2C34	CK62AW822M	81349	5-48	1A1A13C8
CB11RD330K	81349	5-55	1A2C27	CK62AW822M	81349	5-48	1A1A13C18
CB11RO510J	81349	5-20	1A2C16	CK62AW822M	81349	5-48	1A1A14C17
CB11RD510J	81349	5-53	1A2C30	CK62AW822M	81349	5-48	1A1A14C18
CB11RO510J	81349	5-53	1A2C32	CK62AW822M	81349	5-48	1A1A15C17
CB11RD560K	81349	5-53	1A2C28	CK62AW822M	81349	5-48	1A1A15C18
CC22UJ330C	81349	5-42	1A1A6C47	CK62AW822M	81349	5-48	1A1A16C17
CC22UJ330G	81349	5-42	1A1A6C48	CK62AW822M	81349	5-48	1A1A16C18
CC22UJ330G	81349	5-42	1A1A6C49	CK62AW822M	81349	5-49	1A1A17C17
CE41C101N	81349	5-36	1A1C7	CK62AW822M	81349	5-49	1A1A17C18
CE44C101P	81349	5-36	1A1C6	CK62AW822M	81349	5-49	1A1A18C17
CE44C101P	81349	5-36	1A1C8	CK62AW822M	81349	5-49	1A1A18C18
CH12A1NE474M	81349	5-35	1A1C1	CK62AW822M	81349	5-50	1A1A19C2
CK06AW222K	81349	5-44	1A1A8C2	CK62AW822M	81349	5-50	1A1A19C5
CK06AW222K	81349	5-44	1A1A8C3	CK62AW822M	81349	5-50	1A1A19C6
CK06AW222K	81349	5-44	1A1ABC4	CK62AW822M	813.49	5-57	1A3A1C4
CK06CW103K	81349	5-53	1A2TB1C24	CK62AW822M	81349	5-57	1A3A1C6
CK06CW103K	81349	5-53	1A2TB1C25	CK62AW822M	81349	5-57	1A3A1C7
CK06CW103K	81349	5-55	1A2A2C44	CM05CD030D03	84171	5-53	1A2C33
CK06CW103K	81349	5-55	1A2A2C47	CM05CD050D03	81349	5-10	1A1A21C18
CK06CW103K	81349	5-55	1A2A42C52	CM05CD050D03	81349	5-53	1A2C29
CK06CW103K	81349	5-55	1A2A2C53	CM05CD050D03	81349	5-53	1A2C31
CK06CW103K	81349	5-55	1A2A2C57	CM05CD050D03	81349	5-53	1A2C35
CK06CW103K	81349	5-55	1A2A2C60	CM05CD100D03	81349	5-11	1A1A22C34
CK06CW103K	81349	5-55	1A2A2C61	CM05CD100D03	81349	5-11	1A1A22C46
CK06CW222K	81349	5-42	1A1A6C18	CM05CD10D03	81349	5-12	1A1A23C40
CK06CW222K	81349	5-42	1A1A6C19	CM05CD10D03	81349	5-12	1A1A23C47
CK06CW222K	81349	5-44	1A1A8C1	CM05CD10D03	81349	5-20	1A2C8
CK06CW222K	81349	5-44	1A1A8C6	CM05CD180J03	81349	5-20	1A2C10
CK06CW222K	81349	5-44	1A1A8C8	CM05CD180J03	81349	5-36	1A1C44
CK06CW222K	81349	5-44	1A1A8C17	CM05ED330J03	81349	5-10	1A1A21C19
CK06CW222K	81349	5-44	1A1A8C25	CM05ED330J03	81349	5-20	1A2C12
CK06CW222K	81349	5-47	1A1A11C3	CM05ED620J03	81349	5-20	1A2C15
CK06CW222K	81349	5-47	1A1A11C17	CM05F0101J03	81349	5-11	1A1A22C36
CK06CW222K	81349	5-55	1A2A2C62	CM05FD101J03	81349	5-12	1A1A23C42
CK60AW102M	81349	5-53	1A2C1	CM05FD181J03	81349	5-10	1A1A21C15
CK60AW102M	81349	5-54	1A2A1C13	CM06F0102G03	81349	5-43	1A1A7C8
CK60AW102M	81349	5-55	1A2A2C23	CM06FD182J03	81349	5-36	1A1C42
CK60AW102M	81349	5-55	1A2A2C26	CM06FD182J03	81349	5-36	1A1C43
CK60BX2R2K	81349	5-11	A1A22C35	CM06FD222J03	81349	5-42	1A1A6C26
CK60BX2R2K	81349	5-12	1A1A23C41	CM06FD332J03	81349	5-43	1A1A7C10
CK62AW822M	81349	5-39	1A141C5	CM10FD332J03	81349	5-46	1A1A10C5
CK62AW822M	81349	5-40	1A1A2C17	CM06FD471G03	81349	5-39	1A1A1C3
CK62AW822M	81349	5-40	1A1A42C18	CM06FD471G03	81349	5-54	1A2A1C1
CK62AW822M	81349	5-40	1A1A3C17	CM06FD471G03	81349	5-54	1A2A1C2
CK62AW822M	81349	5-40	1A1A3C18	CM06FD821J03	81349	5-11	1A1A22C37
CK62AW822M	81349	5-40	1A1A4C17	CM06FD821J03	81349	5-11	1A1A22C38
CK62AW822M	81349	5-40	1A1A4C18	CM06FD821J03	81349	5-12	1A1A23C43
CK62AW822M	81349	5-41	1A1A5C1	CM06FD821J03	81349	5-12	1A1A23C44
CK62AW822M	81349	5-41	1A1A5C2	CM10CD050D03	81349	5-42	1A1A6C45
CK62AW822M	81349	5-41	1A1A5C21	CM10CD050D03	81349	5-42	1A1A6C46
CK62AW822M	81349	5-41	1A1A5C22	CM10CD050D03	81349	5-46	1A1A10C10
CK62AW822M	81349	5-41	1A1A5C26	CM10CD100D03	81349	5-45	1A1A9C8
CK62AW822M	81349	5-43	1A1A7C11	CM10CD100D03	81349	5-45	1A1A9C16

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
CM10CD100D03	81349	5-45	1A19C28	CM10ED270J03	81349	5-45	1A1A9C3
CM10CD100D03	81349	5-45	1A19C35	CM10ED270J03	81349	5-46	1A1A10C7
CM10CD100D03	81349	5-45	1A1A36	CM10ED270J03	81349	5-46	1A1A10C20
CM10CD100D03	81349	5-45	1A1A9C43	CM10ED270J03	81349	5-47	1A1A11C8
CM10CD100D03	81349	5-45	1A1A9C44	CM10ED270J03	81349	5-47	1A1A1C22
CM10CD100D03	81349	5-46	1A1A10C14	CM10ED470J03	81349	5-48	1A1A13C19
CM10CD100D03	81349	5-46	1A1A10C19	CM10ED270J03	81349	5-50	1A3A19C1
CM10CD100D03	81349	5-51	1A1A20C18	CM10ED270J03	81349	5-55	1A2A3C18
CM10CD180J03	81349	5-41	1A1A5C27	CM10ED390J03	81349	5-41	1A1A5C5
CM10CD180J03	81349	5-41	1A1A5C29	CM10ED390J03	81349	5-41	1A1A5C7
CM10CD180J03	81349	5-41	1A1A5C31	CM10ED390J03	81349	5-41	1A1A5C9
CM10CD180J03	81349	5-42	1A1A6C28	CM10ED390J03	81349	5-41	1A1A5C11
CM10CD180J03	81349	5-44	1A1A8C5	CM10ED390J03	81349	5-41	1A1A5C13
CM10CD180J03	81349	5-44	1A1A8C19	CM10ED390J03	81349	5-41	1A1A5C15
CM10CD180J03	81349	5-45	1A1A9C2	CM10ED390J03	81349	5-41	1A1A5C18
CM10CD180J03	81349	5-45	1A1A9C4	CM10ED390J03	81349	5-41	1A1A5C20
CM10CD180J03	81349	5-45	1A1A9C5	CM10ED390J03	81349	5-41	1A1A5C28
CM10CD180J03	81349	5-45	1A1A9C22	CM10ED390J03	81349	5-42	1A1A6C20
CM10CD180J03	81349	5-47	1A1A11C6	CM10ED390J03	81349	5-49	1A1A17C3
CM10CD180J03	81349	5-47	1A3A11C20	CM10ED390J03	81349	5-49	1A1A17C4
CM10CD180J03	81349	5-51	1A3A20C30	CM10ED390J03	81349	5-49	1A1A17C5
CM10CD180J03	81349	5-51	1A1A20C32	CM110ED390J03	81349	5-49	1A1A17C8
CM10CD180J03	81349	5-57	1A3A1C8	CM10ED390J03	81349	5-49	1A1A17C9
CM10ED220J03	81349	5-41	1A1A5C4	CM10ED390J03	81349	5-49	1A1A17C12
CM10ED220J03	81349	5-41	1A1A5C6	CM10ED390J03	81349	5-49	1A1A17C13
CM10ED220J03	81349	5-41	1A3A5C8	CM10ED390J03	81349	5-49	1A1A17C16
CM10ED220J03	81349	5-41	1A1A5C10	CM10ED390J03	81349	5-49	1A1A18C3
CM10ED220J03	81349	5-41	1A1A5C12	CM10ED390J03	81349	5-49	1A1A18C4
CM10ED220J03	81349	5-41	1A1A5C14	CM10ED390J03	81349	5-49	1A1A18C5
CM10ED220J03	81349	5-41	1A1A5C17	CM10ED390J03	81349	5-49	1A1A18C8
CM10ED220J03	81349	5-41	1A1A5C19	CM10ED390J03	81349	5-49	1A1A18C9
CM10ED220J03	81349	5-44	1A1A8C12	CM10ED390J03	81349	5-49	1A1A18C12
CM10ED220J03	81349	5-45	1A3A9C11	CM10ED390J03	81349	5-49	1A1A18C13
CM10ED220J03	81349	5-45	1A1A9C13	CM10ED390J03	81349	5-49	1A1A18C16
CM10ED220J03	81349	5-45	1A1A9C18	CM10ED470G03	81349	5-42	1A1A6C6
CM10ED220J03	81349	5-45	1A1A9C31	CM10ED470G03	81349	5-42	1A1A6C15
CM10ED220J03	81349	5-45	1A1A9C32	CM10ED470G03	81349	5-42	1A1A6C21
CM10ED220J3	81349	5-45	1A1A9C39	CM10ED470J03	81349	5-41	1A1A5C25
CM10ED220J03	81349	5-45	1A1A9C40	CM110ED470J03	81349	5-46	1A1A10C12
CM10ED220J03	81349	5-45	1A1A9C47	CM10ED470J03	81349	5-46	1A1A10C22
CM10ED220J03	81349	5-45	1A1A9C48	CM10ED470J03	81349	5-47	1A1A11C9
CM10ED220J03	81349	5-46	1A1A10C11	CM10ED470J03	81349	5-47	1A1A11C23
CM10ED220J03	81349	5-46	1A1A10C15	CM10ED470J03	81349	5-48	1A1A12C19
CM10ED220J03	81349	5-46	1A1A10C21	CM10ED470J03	81349	5-48	1A1A14C19
CM10ED220J3	81349	5-49	1A1A17C1	CM10ED470J03	81349	5-48	1A1A15C19
CM10ED220J03	81349	5-49	1A1A17C2	CM110ED470J03	81349	5-48	1A1A16C19
CM10ED220J03	81349	5-49	1A1A17C6	CM10ED470J03	81349	5-49	1A1A17C19
CM10ED220J03	81349	5-49	1A1A17C7	CM10ED470J03	81349	5-49	1A1A18C19
CM10ED220J03	81349	5-49	1A1A17C10	CM10SD470J03	81349	5-50	1A1A19C3
CM10ED220J03	81349	5-49	1A1A17C11	CM10ED470J03	81349	5-50	1A1A19C4
CM10ED220J03	81349	5-49	1A1A17C14	CM10ED620J03	81349	5-41	1A1A5C3
CM10ED220J03	81349	5-49	1A1A17C15	CM10ED620J03	81349	5-41	1A1A5C16
CM10ED220J03	81349	5-49	1A1A18C1	CM10ED620J03	81349	5-47	1A1A11C12
CM10ED220J03	81349	5-49	1A1A18C2	CM10ED620J03	81349	5747	1A1A11C13
CM10ED220J03	81349	5-49	1A1A181C6	CM10ED620J03	81349	5-47	1A1A11C26
CM10ED220J03	81349	5-49	1A1A18C7	CM10ED620J03	81349	5-47	1A1A11C27
CM10ED220J03	81349	5-49	1A1A18C10	CM10ED62J03	81349	5-54	1A2A1C3
CM10ED220J03	81349	5-49	1A1A18C11	CM10ED620J3	81349	5-54	1A2A1C4
CM10ED220J03	81349	5-49	1A1A18C14	CM10ED620J03	81349	5-54	1A2A1C5
CM10ED220J03	81349	5-49	1A1A18C15	CM10ED680J03	81349	5-42	1A1A6C24
CM10ED270J03	81349	5-41	1A1A5C24	CM10ED680J03	81349	5-42	1A1A6C27
CM10ED270J03	81349	5-42	1A1A6C11	CM10ED680J03	81349	5-42	1A1A6C29
CM10ED270J03	81349	5-42	1A1A6C13	CM10ED680J03	81349	5-51	1A1A20C20
CM10ED270J03	81349	5-42	1A3A6C16	CM10ED820J03	81349	5-41	1A1A5C23
CM10ED270J03	81340	5-42	1A1A6C22	CM110ED820J03	81349	5-42	1A1A6C4
CM10ED270J03	81349	5-42	1A1A6C25	CM110ED820J03	81349	5-44	1A1A8C7
CM10ED270J03	81349	5-42	1A1A6C30	CM10ED820J03	81349	5-45	1A1A9C10
CM10ED270J03	81349	5-42	1A1A6C31	CM10ED820J03	81349	5-45	1A1A9C14
CM10ED270J03	81349	5-42	1A1A6C32	CM10ED820J03	81349	5-45	1A1A9C30

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIC. OR ITRM NO.
CM10ED820J03	81349	5-45	1A1A9C33	CM10FD121J03	81349	5-43	1A1A7C4
CM10ED820J03	81349	5-45	1A1A9C38	CM10FD121J03	81349	5-44	1A1A8C16
CM10ED820J03	81349	5-45	1A1A9C41	CM10FD121J03	81349	5-47	1A1A11C2
CM10ED820J03	81349	5-45	1A1A9C46	CM10FD121J03	81349	5-47	1A1A11C16
CM10ED820J03	81349	5-45	1A1A9C49	CM10FD121J03	81349	5-48	1A1A12C1
CM10ED820J03	81349	5-57	1A3A1C5	CM10FD121J03	81349	5-48	1A1A12C2
CM10FD101G03	81349	5-42	1A1A6C9	CM10FD121J03	81349	5-48	1A1A12C6
CM10FD101J03	81349	5-41	1A1A5C30	CM10FD121J03	81349	5-48	1A1A12C7
CM10FD101J03	81349	5-43	1A1A7C6	CM10FD121J03	81349	5-48	1A1A12C1D
CM10FD101J03	81349	5-43	1A1A7C7	CM10FD121J03	81349	5-48	1A1A12C11
CM10F0101J03	81349	5-45	1A1A9C12	CM10FD121J03	81349	5-48	1A1A12C14
CM10FD101J03	81349	5-45	1A1A9C15	CM10FD121J03	81349	5-48	1A1A13C1
CM10FD101J03	81349	5-45	1A1A9C34	CM10FD121J03	81349	5-48	1A1A13C2
CM10FD101J03	81349	5-46	1A1A10C16	CM10FD121J03	81349	5-48	1A1A13C6
CM10FD101J03	81349	5-46	1A1A10C18	CM10FD121J03	81349	5-48	1A1A13C7
CM10FD101J03	81349	5-51	1A1A20C28	CM10FD121J03	81349	5-48	1A1A13C10
CM10FD101J03	81349	5-54	1A2A1C8	CM10FD121J03	81349	5-48	1A1A13C11
CM10FD101J03	81349	5-54	1A2A1C9	CM10FD121J03	81349	5-48	1A1A13C14
CM10FD101J03	81349	5-55	1A2A2C45	CM10FD121J03	81349	5-48	1A1A13C15
CM10FD101J03	81349	5-55	1A2A2C51	CM10FD121J03	81349	5-48	1A1A14C1
CM10FD11J03	81349	5-55	1A2A2C56	CM10FD121J03	81349	5-48	1A1A14C2
CM10FD121J03	81349	5-40	1A1A2C1	CM10F0121J03	81349	5-48	1A1A14C6
CM10FD121J03	81349	5-40	1A1A2C2	CM10FD121J03	81349	5-48	1A1A14C7
CM10FD121J03	81349	5-40	1A1A2C5	CM10FD121J03	81349	5-48	1A1A14C10
CM10FD121J03	81349	5-40	1A1A2C6	CM10FD121J03	81349	5-48	1A1A14C11
CM10FD121J03	81349	5-40	1A1A2C9	CM10FD121J03	81349	5-48	1A1A14C14
CM10FD121J03	81349	5-40	1A1A2C10	CM10FD121J03	81349	5-48	1A1A14C15
CM10FD121J03	81349	5-40	1A1A2C13	CM10FD121J03	81349	5-48	1A1A15C1
CM10FD121J03	81349	5-40	1A1A2C14	CM10FD121J03	81349	5-48	1A1A15C2
CM10FD121J03	81349	5-40	1A1A2C19	CM10FD121J03	81349	5-48	1A1A15C6
CM10FD121J03	81349	5-40	1A1A2C20	CM10FD121J03	81349	5-48	1A1A15C7
CM10FD121J03	81349	5-40	1A1A2C23	CM10FD121J03	81349	5-48	1A1A15C10
CM10FD121J03	81349	5-40	1A1A2C24	CM10F0121J03	81349	5-48	1A1A15C11
CM10F0121J03	81349	5-40	1A1A2C27	CM10F0121J03	81349	5-48	1A1A15C14
CM10F0121J03	81349	5-40	1A1A2C28	CM10FD121J03	81349	5-48	1A1A15C15
CM10FD121J03	81349	5-40	1A1A2C31	CM10FD121J03	81349	5-48	1A1A16C1
CM10FD121J03	81349	5-40	1A1A2C32	CM10FD121J03	81349	5-48	1A1A16C2
CM10FD121J03	81349	5-40	1A1A3C11	CM10F0121J03	81349	5-48	1A1A16C6
CM10FD121J03	81349	5-40	1A1A3C2	CM10F0121J03	81349	5-48	1A1A16C7
CM10F0121J03	81349	5-40	1A1A3C5	CM10FD121J03	81349	5-48	1A1A16C10
CM10F0121J03	81349	5-40	1A1A3C6	CM10FD121J03	81349	5-48	1A1A16C11
CM10FD121J03	81349	5-40	1A1A3C9	CM10F0121J03	81349	5-48	1A1A16C14
CM10FD121J03	81349	5-40	1A1A3C10	CM10FD121J03	81349	5-48	1A1A16C15
CM10FD121J03	81349	5-40	1A1A3C13	CM10FD121J03	81349	5-54	1A2A1C10
CM10FD121J03	81349	5-40	1A1A3C14	CM10FD121J03	81349	5-54	1A1A2A1C11
CM10FD121J03	81349	5-40	1A1A3C19	CM10FD151G03	81349	5-42	1A1A6C17
CM10FD121J03	81349	5-40	1A1A3C20	CM10FD151G03	81349	5-42	1A1A6C23
CM10FD121J03	81349	5-40	1A1A3C23	CM10FD151G03	81349	5-55	1A2A3C17
CM10FD121J03	81349	5-40	1A1A3C24	CM10FD161J03	81349	5-55	1A2A3C19
CM10FD121J03	81349	5-40	1A1A3C27	CM30FD181J03	81349	5-44	1A1A8C10
CM10FD121J03	81349	5-40	1A1A3C28	CM10FD181J03	81349	5-44	1A1A8C15
CM10FD121J03	81349	5-40	1A1A3C31	CM10FD221G03	81349	5-42	1A3A6C2
CM10FD121J03	81349	5-40	1A1A3C32	CM10FD221G03	81349	5-42	1A3A6C8
CK10FD121J03	81349	5-40	1A1A4C1	CM10FD221G03	81349	5-54	1A2A1C7
CM10FD121J03	81349	5-40	1A1A4C2	CM10FD221G03	81349	5-54	1A2A1C12
CM10FD121J03	81349	5-40	1A1A4C5	CM10FD221G03	81349	5-54	1A2A1C14
CM10F0121J03	81349	5-40	1A1A4C6	CM10FD221G03	81349	5-54	1A2A1C15
CM10F0121J03	81340	5-40	1A1A4C9	CM10FD221G03	81349	5-54	1A2A1C16
CM10FD121J03	81349	5-40	1A1A4C10	CM10FD271J03	81349	5-40	1A1A2C3
CM10FD121J03	81349	5-40	1A1A4C13	CM10FD271J03	81349	5-40	1A1A2C4
CM10FD121J03	81349	5-40	1A1A4C14	CM10FD271J03	81349	5-40	1A1A2C7
CM10FD121J03	81349	5-40	1A1A4C19	CM10FD271J03	81349	5-40	1A1A2C8
CM10FD121J03	81349	5-40	1A1A4C20	CM10FD271J03	81349	5-40	1A2C1.1
CM10FD121J03	81349	5-40	1A1A4C23	CM10FD271J03	81349	5-40	1A3A2C12
CM10FD121J03	81349	5-40	1A1A4C24	CM10FD271J03	81349	5-40	1A1A2C15
CM10FD121J03	81349	5-40	1A1A4C27	CM10FD271J03	81349	5-40	1A1A2C16
CM10FD121J03	81349	5-40	1A1A4C28	CM10FD271J03	81349	5-40	1A1A2C21
CM10F0121J03	81349	5-40	1A1A4C31	CM10FD271J03	81349	5-40	1A1A2C22
CM10F0121J03	81349	5-40	1A1A4C32	CM10FD271J03	81349	5-40	1A1A2C25

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CM10FD271J03	81349	5-40	1A1A2C26	CP110FD271J03	81349	5-48	1A1A15C16
CM10FD271J03	81369	5-40	141A2C29	CP110FD271J03	81349	5-48	1A1A16C3
CM10FD271J03	81349	5-40	1A1A2C30	CF110FD271J03	81349	5-48	1A1A16C4
CM10FD271J03	81369	5-40	1A1A2C33	CM10FD271J03	81349	5-48	1A1A16C5
CM10FD271J03	81349	5-40	1A1A2C34	CM10FD271J03	81349	5-48	1A1A16C8
CM10FD271J03	81349	5-40	1A1A3C3	CM10FD271J03	81349	5-48	1A1A16C9
CM10FD271J03	81349	5-40	1A1A3C4	CM10FD271J03	81349	5-48	1A1A16C12
CM10FD271J03	81349	5-40	1A1A3C7	CM10FD271J03	81349	5-48	1A1A16C13
CM10FD271J03	81349	5-40	1A1A3C8	C~f10FD271J03	81349	5-48	1A1A16C16
CM10FD271J03	81349	5-40	1A1A3C11	(3110FD391GI33	81349	5-42	1AM6C10
CM10FD271J03	81349	5-40	1A1A3C12	CM10FD391G03	81349	5-42	1A1A6C12
CM10FD271J03	81349	5-40	1A1A3C15	CM10FD391G03	81349	5-42	1A1A6C13
CM10FD271J03	81349	5-40	1A1A3C16	CH10FD391G03	81349	5-42	1A1A6C14
CM10FD271J03	81349	5-40	1A1A3C21	CM10FD391G03	81349	5-43	1A1A6C33
CM10FD271J03	81349	5-40	1A1A3C22	CM10FD391G03	81349	5-44	1A1A7C3
CM10FD271J03	81349	5-40	1A1A3C25	CM10FD391G03	81349	5-44	1A1A8C13
CM10FD271J03	81349	5-40	1A1A3C26	CM10FD391G03	81349	5-46	1A1A8C18
CM10FD271J03	81349	5-40	1A1A3C29	CM10FD391G03	81349	5-46	2A1A10C3
CM10FD271J03	81349	5-40	1A1A3C30	CN10FD391G03	81349	5-46	1A1A10C6
CM10FD271J03	81349	5-40	1A1A3C33	CM10FD391G03	81349	5-46	1A1A10C8
CM10FD271J03	81349	5-40	1A1A3C34	CM10FD391G03	81349	5-57	1A3A1C2
CM10FD271J03	81349	5-40	1A1A4C3	CM10FD391G03	81349	5-57	1A3A1C9
CM10FD271J03	81349	5-40	1A1A4C4	CS13BB337K	81349	5-44	1A1A8C9
CM10FD271J03	81349	5-40	1A1A4C7	CS13BB337K	81349	5-44	1A1A8C14
CM10FD271J03	81349	5-40	1A1A4C8	CS13BB337K	81349	5-51	1A1A20C29
CM10FD271J03	81349	5-40	1A1A4C11	CP05A1KF104K1	81349		1A1C20
CM10FD271J03	81349	5-40	1A1A4C12	CP05A1KF104K1	81349		1A1C33
CM10FD271J03	81349	5-40	1A1A4C15	CP05A1KF104K1	81349	5-9	1A1C39
CM10FD271J03	81349	5-40	1A1A4C16	CP05A1KF333K3	81349	5-42	1A1A6C1
CM10FD271J03	81349	5-40	1A1A4C21	CSR13D686KM	81349	5-43	1A1A7C9
CM10FD271J03	81349	5-40	1A1A4C22	CS13BD335K	81349	5-49	1A1AC6
CM10FD271J03	81349	5-40	1A1A4C25	CS13BD335K	81349	5-44	1A1A8C11
CM10FD271J03	81349	5-40	1A1A4C26	CS13BD335K	81349	5-51	1A1A20C23
CM10FD271J03	81349	5-40	1A1A4C29	CS13BD335K	81345	5-51	1A1A20C4 5
CM10FD271J03	81349	5-40	1A1A4C30	CS13BE156KM	81349	5-36	1A1C40
CM10FD271J03	81349	5-40	1A1A4C33	CS13BE156KM	81349	5-36	1A1C41
CM10FD271J03	81349	5-40	1A1A4C34	CS13BE156KM	81349	5-43	1A1A7C5
CM10FD271J03	81349	5-48	1A1A12C3	CS13BE156K14	81349	5-46	1A1A10C2
CM10FD271J03	81349	5-48	1A1A12C4	CS13BF105K	81349	5-43	1A1A7C1
CM10FD271J03	81349	5-48	1A1A12C5	C513BF105K	81349	5-43	1A2A7C2
CM10FD271J03	81349	5-48	1A1A12C8	CS13BF226K	81349	5-36	1A1C4
CM10FD271J03	81349	5-48	1A1A12C9	CS13BF226K	81349	5-39	1A1A1C7
CM10FD271J03	81349	5-48	1A1A12C12	CS13BF226K	81349	5-57	1A3A1C3
CM10FD271J03	81349	5-48	1A1A12C13	CTS211	71450		1A2MP12
CM10FD271J03	81349	5-48	1A1A12C16	CV1921AUSM207	80058	5-35	1A2
CM10FD271J03	81349	5-48	1A1A13C3	CW801AUSM207	80058	1-1	1MP1
CM10FD271J03	81349	5-48	1A1A13C4	DF138	86684		1A1A10MP1
CM10FD271J03	81349	5-48	1A1A13C5	D1-140	95987		1A1MP36H1
CM10FD271J03	81349	5-48	1A1A13C8	ER0S800APA3	13571	5-56	1A3Y1
CM10FD271J03	81349	5-48	1A1A13C9	FF303-1	70901		1A2MP9KP1
CM10FD271J03	81349	5-48	1A1A13C12	FHN42W	81349	5-38	1A1XF1
CM10FD271J03	81349	5-48	1A1A13C13	FHN42W	81349	5-38	1A1XF2
CM10FD271J03	81349	5-48	1A1A14C3	FM01-3A	81349	5-38	1A1F1
CM10FD271J03	81349	5-48	1A1A14C4	FM01-3A	81349	5-38	1A1F2
CM10FD271J03	81349	5-48	1A1A14C5	G4624	70141		1A2MP8MP1
CM10FD271J03	81349	5-48	1A1A14C8	G506Bx104K	96733	5-55	1A2A2C46
CM10FD271J03	81349	5-48	1A1A14C9	G506Bx104K	96733	5-55	1A2A2C50
CM10FD271J03	81349	5-48	1A1A14C12	G506Bx104K	96733	5-55	1A2A2C54
CM10FD271J03	81349	5-48	1A3A14C13	G506BX104K	96733	5-55	1A2A2C55
CM10FD271J03	81349	5-48	1A1A14C16	C506BX11J4K	96733	5-55	1A2A2C59
CM10FD271J03	81349	5-48	1A1A15C3	HP10N	09922		1A1MP55
CM10FD271J03	81349	5-48	1A1A15C4	HP10N	09922		1A1MP56
CM10FD271J03	81349	5-48	1A1A15C5	HP10N	09922		1A1MP57
CM10FD271J03	81349	5-48	1A1A15C8	JMC2950	91293	5-20	1A2C2
CM10FD271J03	81349	5-48	1A1A15C9	JMC2950	91293	5-20	1A2C3
CM10I'D271J03	81349	5-48	1A3A15C 12	JMC2950	91293	5-20	2A2C4
CM10FD271J03	81349	5-48	1A1A15C13	JMC2950	91293	5-20	1A2C5
				JMC2950	91293	5-20	1A2C6
				JMC2950	91293	5-20	1A2C7

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REFERENCE NO.	MPG . CODE	FIG. NO.	RSF. DESIG. OR ITEM NO.	REFERENCE NO.	MPG . CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
JMC2950	91293	5-20	1A2C9	MS18130-4	96906	5-45	1A1A9115
JMC2950	91293	5-20	1A2C11	MS18130-4	96906	5-45	1A1A9118
JMC2950	91293	5-20	1A2C13	MS18130-4	96906	5-45	1A1A9119
JM9151-050-810GT3480436-1-V195	90221	5-37	1A1DS2	MS18212-19	96906		1A2S4H2
JM9151-050-810GTV195	90898	5-37	1A1DS2	MS21919DG2	96906		1A2MF6
JM9151-050-810YTV195	90898	5-37	1A1DS3	MS21919DG2	96906	5-9	1A2MP15
JM9151-050-810YT3480436-2-V0195	90221	5-37	1AIDS 3	MS24655-231	96906	5-9	1A1S10
1C022D8SS	84830		1A1NT40	MS24655-231	96906	5-37	1A1S12
1202216	81640	5-37	1A1XDS1	MS24656-231	96906		1A1S13
MC623Y	73899	5-42	1A1A6C7	MS2469C26	96906		1A1S9
MS15795-803	96906		1A1F11H4	MS2469C26	96906		1A1E52H1
MS15795-803	96906		1A1MP54H1	MS2469C26	96906		1A1MP43H1
MS15795-803	96906		1A1MT58H1	MS24693C274	96906		1MP12MP2MP1H2
MS15795-803	96906		1A1A1Q1H2	MS24693PC4	96906		1A3P1H4
MS15795-803	96906		1A1A1Q5H2	MS24693PC4	96906		1A3Y1H6
MS15795-803	96906		1A1A1Q7H2	MS24693PC27	96906		1MP2H2
MS15795-803	96906		1A1A6E1H6	MS24693PC27	96906		1MP3H2
MS15795-803	96906		1A1A10MP1H4	MS24693PC28	96906		1A1MP40H1
MS15795-803	96906		1A1A12MY1H2	MS24693PC28	96906		1A1MP42H1
MS15795-803	96906		1A1A13MP1H2	MS24693PC28	96906		1A1MP51H1
MS15795-803	96906		1A1A14MT1H2	MS25043-14C	96906	5-37	1A1.MP24
MS15795-803	81349		1A1A15MP1H2	MS25043-36C	96906	5-37	1A1MP25
MS15795-803	96906		1A1A16MP1H2	MS25082C6	96906		1A2MP12H1
MS15795-803	96906		1A1A17MP1H2	MS25252NE2D	96906	5-37	1AIDS1
MS15795-803	96906		1A1A19MP1H2	MS27035-625BU	96906	5-53	1A2J1
MS15795-803	96906		1A2A2H4	MS27035-625B	96906	5-9	1A1J1
MS15795-803	96906		1A2A3H2	MS27035-625B	96906	5-9	1A1J2
MS15795-803	96906		1A2XA1H2	MS27035-625B	96906	5-9	1A1J3
MS15795-803	96906		1A3MP5H4	MS27035-625B	96906	5-9	1A1J4
MS15795-803	96906		1A3Q1H2	MS27035-625B	96906	5-9	1A1J5
MS15795-804	96906		1MP2H9	MS27035-625B	96906	5-37	1A1J6
MS15795-805	96906		1A1E51H2	MS27035-625B	96906	5-37	1AIJ 7
MS15795-805	96906		1A1MP2H2	MS27035-625B	96906	5-56	1A3J2
MS15795-805	96906		1A1MT17H1	MS3057-6	96906		1MP1w1MP1
MS15795-805	96906		1A1MP18H1	MS3102R36-8P	96906	5-37	1A1J11
MS15795-805	96906		1A1MP38H2	MS3106A14S7S	96906		1MP1WIP1
MS15795-805	96906		1A1MT40H1	MS35168	96906	5-3	1MP1w2P1
MS15795-805	96906		1A1MP42H1	MS35168	96906	1-1	1MP1W4P1
MS15795-805	96906		1A1MP43H1	MS35168	96906	1-1	1MP1W4P2
MS15795-805	96906		1A1MT'44H1	MS35168	96906	1-1	1MP1W5P1
MS15795-805	96906		1A1NJ'46H1	MS35168	96906	1-1	1MP1W5P2
MS15795-805	96906		1A1MP51H1	MS35173-274BU	96906	5-35	1MP1P1
MS15795-805	96906		1A1MP53H1	MS35173-274BU	96906	5-35	1MP1P2
MS15795-805	96906		1A1MP55H1	MS35333-69	96906		1A2E36H1
MS15795-805	96906		1A1MP62H1	MS35333-69	96906		1A2E37H1
MS15795-805	96906		1A2MP1H1	MS35333-70	96906		1A1E47H2
MS15795-805	96906		1A2MP2H1	MS35333-76	96906		1A2MP12H1
MS15795-805	96906		1A3A1H4	MS35338-134	96906		1A11P3H2
CO-03MGF3-18-0340	81349	1-1	1MP1W1W1	MS35338-134	96906		1A1MP4H1
MS15795-805	96906		1MP3H8	MS35338-134	96906		1A1MP73MP1H2
MS15795-807	96906		1MP3MP1H1	MS35338-134	96906		1A1R50H2
MS15795-807	96906		1MP3MP2H1	MS35338-135	96906		1A1E46H1
MS15795-807	96906		1MP3MP3H1	MS35338-135	96906		1.A1F11H4
MS15795-807	96906		1MP3MP4H1	MS35338-135	96906		1A1J8H2
MS15795-807	96906		1MP12H32	MS35338-135	96906		1A1J9H2
MS15795-807	96906		1A1J11H4	MS35338-135	96906		1A1MP54H1
MS15795-808	96906		1A2MP6H1	MS35338-135	96906		1A1A1Q1H2
MS16535-115	96906		MP3KP16MT1H10	MS35338-135	96906		1A1A1Q5H2
MS171435	96906		1A2MP8MP2	MS35338-135	96906		1A1.A1Q7H2
MS18130-4	96906	5-45	1A1A914	MS35338-135	96906		1A1XA1H2
MS18130-4	96906	5-45	1A1A9110	MS35338-135	96906		1A1XA2H2
MS18130-4	96906	5-45	1A1A9111	MS35338-135	96906		1A1XA3H2
MS18130-4	96906	5-45	1A1A9114	MS35338-135	96906		1A1XA4H2
				MS35338-135	96906		1A1XA5H2
				MS35338-135	96906		1A1A6E1H6
				MS35338-135	96906		1A1XA6H2
				MS35338-135	96906		1A1XA7H2
				MS35338-135	96906		1A1XA8H2
				MS35338-135	96906		1A1XA9H2

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REFERENCE NO.	MFG. CODE	FIG. No.	REF. DESIG. OR ITEM NO.	REFERENCE No.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
MS35338-135	96906		1A1A10MP1H2	MS35490-4	96906		1A1MP28
MS35338-135	96906		1A1XA10H2	MS35490-4	96906		1A1MP29
MS35338-135	96906		1A1XA11H2	MS35490-4	96906		1A1MP30
MS35338-135	96906		1A1XA12H2	MS35490-4	96906		1A1MP31
MS35338-135	96906		1A1XA13H2	MS 35490-4	96906		1A1MP32
MS35338-135	96906		1A1XA14H2	MS35490-4	96906		1A1MP33
MS35338-135	96905		1A1XA15H2	MS35490-4	96906		1A1MP34
MS35338-135	96906		1A1XA16H2	MS35490-4	96906		1A1MP35
MS35338-135	96906		1A1XA17H2	MS35649-244	96906		1A1E26H1
MS35338-135	96906		1A1XA19H2	MS35649-244	96906		1A1E27H1
MS35338-135	96906		1A2S4H2	MS35649-244	96906		1A1E46H1
MS35338-135	96906		1A2XA1H2	MS35649-244	96906		1A1E47H1
MS35338-135	96906		1A2A2H4	MS35649-244	96906		1A1E48H1
MS35338-135	96906		1A3Q1H1	MS35649-244	96906		1A1A6E1H6
MS35338-136	96906		1A1C1H1	MS35649-244	96906		1A1A10MP1H2
MS35338-136	96906		1A1C2H1	MS35649-244	96906		1A2S4H2
MS35338-136	96906		1A1C3H1	MS35649-244	96906		1A2XA1H2
MS35338-136	96906		1A1C5H1	MS35649-244	96906		1A3Q1H2
MS35338-136	96906		1A1C7H1	MS35649-264	96906		1A1C2H1
MS35338-136	96906		1A1E51H2	MS35649-264	96906		1A1C3H1
MS35338-136	96906		1A1E52H1	MS35649-261	96906		1A1C5H1
MS35338-136	96906		1A1MP2H1	MS35649-264	96906		1A1C7H1
MS35338-136	96906		1A1MP17H1	MS35649-264	96906		1A1E19H1
MS35338-136	96906		1A1MP18H1	MS35649-264	96906		1A1E51H1
MS35338-136	96904		1A1MP36H1	MS35649-264	96906		1A1E52H1
MS35338-136	96906		1A1MP38H2	MS35649-264	96906		1A1MP2H1
MS35338-136	96906		1A1MP40H1	MS35649-264	96906		1A1MP38H2
MS35338-136	96906		1A1MP42H1	MS35649-264	96906		1A1MP40H1
MS35338-136	96906		1A1MP43H1	MS35649-264	96906		1A1MP42H1
MS35338-136	96906		1A1MP44H1	MS35649-264	96906		1A1MP43H1
MS35338-136	96906		1A1MP46H1	MS35649-264	96906		1A1MP44H2
MS35338-136	96906		1A1MP51H1	MS35649-264	96906		1A1MP46H1
MS35338-136	96906		1A1MP55H1	MS35649-264	96906		1A1MP51H1
MS35338-136	96906		1A1MP62H1	MS35649-264	96906		1A1MP73H1
MS35338-136	96906		1A1MP68H1	MS35649-264	96906		1A1MP74H1
MS35338-136	96906		1A1MP69H1	MS35649-264	96906		1A1MP75H1
MS35338-136	96906		1A1MP70H1	MS35649-264	96906		1A2MP1H1
MS35338-136	96906		1A1MP71H1	MS35649-264	96906		1A2MP2H1
MS35338-136	96906		1A1MP72H1	MS35649-264	96906		1A3C1H1
MS35338-136	96906		1A1MP73H1	MS35649-264	96906		1A3T1H4
MS35338-136	96906		1A1MP74H1	MS35649-284	96906		1A1J11H4
MS35338-136	96906		1A1MP75H1	MS35650-304	96906		1A1E3H1
MS35338-136	96906		1A2MP1H1	MS35650-304	96906		1A1F11H2
MS35338-136	96906		1A2MP9H7	MS35650-304	96906		1A1MP49H1
MS35338-136	96906		1A2MP15H1	MS51021-21	96906		1A2MP11H2
MS35338-136	96906		1A2MT16H1	MS519157-1	96906		1A2E36H1
MS35338-136	96906		1A3C1H1	MS51957-1	96906		1A2E37H1
MS35338-136	96906		1MP3MP7H2	MS51957-3	96906		1A1MP54H1
MS35338-136	96906		1MP3MP8H2	MS51957-3	96906		1A1MP55H1
MS35338-136	96906		1A3T1H4	MS51957-4	96906		1A1MP3H2
MS35338-136	96906		1A3A1H4	MS51957-4	96906		1A1.MP4H1
MS35338-137	96906		1MP3MP1H1	MS51957-4	96906		1A1R50H2
MS35338-137	96906		1MP3MP2H1	MS51957-13	96906		1MP13H2
MS35338-137	96906		1MP3MP3H1	MS51957-13	96906		1A2A2H4
MS35338-137	96906		1MP3MP4H1	MS51957-13	96906		1A2A3H2
MS35338-137	96909		1A1J11H4	MS51957-14	96906		1A1E47H1
MS35338-138	96906		1A1FL1H1	MS51957-14	96906		1A1J8H2
MS35489-4	96906		1MP4	MS51957-14	96906		1A1J9H2
MS35489-4	96906		1MP5	MS51957-14	96906		1A1A10MP1H2
MS35489-4	96906		1MP6	MS51957-14	96906		1A1A12MP1H2
MS35489-4	96906		3MP7	MS51957-14	96906		1A1A13MP1H2
MS35489-4	96906		1MP8	MS51957-14	96906		1A1A14MP1H2
MS35489-4	96906		1MP9	MS51957-14	96906		1A1A15MP1H2
MS35489-4	96906		1m1 0	MS51957-14	96906		1A1A16MP1H2
MS35489-4	96906		1MP11	MS51957-14	96906		1A1A17MP1H2
MS35489-33	96506		1MP1MP1MP1	MS51957-14	96906		1A1A18MP1H2
MS35489-35	96906		1A3MP9	MS51957-14	96906		1A1A19MP1H2
MS35490-4	96906		1A1MP26	MS51957-15	96906		1A1MP58H1
MS35490-4	96906		1A1MP27	MS51957-15	96906		1A1A1Q5H2

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE.	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
MS51957-15	96906		1A1A1Q7H2	MS51957-32	96906		1A1MP15H4
MS51957-15	96906		1A1XA1H2	MS51957-32	96906		1A1MP62H1
MS51957-15	96906		1A1XA2H2	MS51957-43	96906		1MP12H32
MS51957-15	96906		1A1XA3H2	MS51957-35	96906		3A1MP2H2
MS51957-15	96906		1A1XA4H2	MS51957-44	96906		1MP12MP1H6
MS51957-15	96906		1A1XA5H1	MS51957-44	96906		1MP12MP2H6
MS51957-15	96906		1A1XA7H2	MS51957-46	96906		1A1J11H4
MS51957-15	96906		1A1XABH2	MS51957-126	96906		1KP3MP1H1
MS51957-15	96906		1A1XA9H2	MS51957-126	96906		1MP3MP2H1
MS51957-15	96906		1A1RA10H2	MS51957-126	96906		1MP3MP3H1
MS51957-15	96906		1A1xA11H1	MS51957-126	96906		1MP3MP4H1
MS51957-15	96906		1A1XA12H2	MS75008-24	96906	5-55	1A2A2L19
MS51957-15	96906		1A1XA13H2	MS75008-24	96906	5-55	1A2A2L20
MS51957-15	96906		1A1XA14H2	MS75008-26	96906	5-55	1A2A2L25
MS51957-15	96906		1A1XA15H2	MS75008-38	96906	5-54	1A2A1L1
MS51957-15	96906		1A1XA16H2	MS75008-38	96906	5-54	1A2A1L2
MS51957-15	96906		1A1XA17H2	MS75008-40	96906	5-44	1A1A8L1
MS51957-15	96906		1AXA19H2	MS75008-40	96906	5-54	1A2A1L3
MS51957-15	96906		1A3MT5H4	MS75008-40	96906	5-54	1A2A1L4
MS51957-16	96906		1A1A1Q1H2	MS75008-40	96906	5-54	1A2A1L5
MS51957-17	96906		1A1FL1H4	MS75008-40	96906	5-54	1A2A1L6
MS51957-17	96906		1A2XA1H2	MS75052-6	96906	5-42	1A1A6L5
MS51957-17	96906		1A3Q1H2	MS75055-1	96906	5-42	1A1A6L1
MS51957-18	96906		1A1E16H1	MS91528-1A2B	96906		1A2MP5
MS51957-18	96906		1A1XA5H1	MS91528-1P2B	96906	5-37	1A1MP13
MS51957-18	96906		1A1XA6H2	M21097-1-109	81349	5-52	1A2XA1
MS51957-18	96906		1A1xA11H1	H21097-1-148	81349	5-36	1A1XA1
MS51957-27	96906		1A1C2H2	H21097-1-148	81349	5-36	1A1XA2
MS51957-27	96906		1A1C3H2	M21097-1-148	81349	5-36	1A1XA3
MS51957-27	96906		1A1C5H2	H21097-1-148	81349	5-36	1A2XA4
MS51957-27	96906		1A1C7H2	M21097-1-148	81349	5-36	1A1XA5
MS51957-27	96906		1A1E18H1	M21097-1-148	81349	5-36	1A1XA6
MS51957-27	96906		1A1E19H1	M21097-1-148	81349	5-36	1A1XA8
MS51957-27	96906		1A1MP68H1	M21097-1-148	81349	5-36	1A1XA9
MS51957-27	96906		1A1MP69H1	M21097-1-148	81349	5-36	1A1XA10
MS51957-27	96906		1A1MP70H1	M421097-1-148	81349	5-36	1A1XA11
MS51957-27	96906		1A1MP71H1	M21097-1-148	81349	5-36	1A1XA12
MS51957-27	96906		1A1MP72H1	M21097-1-148	81349	5-36	1A1XA13
MS51957-27	96906		1MP2H5	M21097-1	81349	5-36	1A1XA14
MS51957-27	96906		1MP3H4	M21097-1-148	81349	5-36	1A1XA15
MS51957-27	96906		1A3A1H4	M21097-1-148	81349	5-36	1A2XA16
MS51957-28	96906		1A1C2H1	M21097-1-148	81349	5-36	1A1XA17
MS51957-28	96906		1A1C3H1	1121097-1-148	81349	5-36	1A1XA18
MS51957-28	96906		1A1C5H1	M21097-1-148	81349	5-36	1A1XA19
MS51957-28	96906		1A1C7H1	M21097-1-166	81349	1-1	1MP1MP3J1
MS51957-28	96906		1A1W17H1	M21097-1-166	81349	5-36	1A1XA7
MS51957-28	96906		1A1MP18H1	NAS620C6	80205		1MP3MP7H2
MS51957-28	96906		1A11FP36H1	NAS620C6	80205		1MP3MP8H2
MS51957-28	96906		1A2MP53H1	NAS662C2R4	80205		1A1MP73MP1H2
MS51957-28	96906		1A2MP56H1	NAS671C2	80205		1A1MP73MP1H2
MS51957-28	96906		1A1MP57H1	0-127AUSM207	80058	5-56	1A3
MS51957-29	96906		1MP2H4	PART OF 1A1R1	71450	5-37	1A1S5
MS51957-29	96906		1MP3H4	PART OF 1A1S2	71450	5-37	1A1S3
MS51957-29	96906		1A1MP73H1	PA045	71590	5-37	1AAS2
MS51957-29	96906		1A1MP73MP1H2	PS027-323	71590	5-53	1A2S4
MS51957-29	96906		1A1MP74H1	P330	71590		1A1MP18
MS51957-29	96906		1A1MP75H1	P330	71590		1A2MP17
MS51957-29	96906		1A2MP1H1	RCR07G393JS	81349	5-49	1A1A17R46
MS51957-29	96906		1A2MP2H1	RCR07G393JS	81349	5-49	1A1A17R47
MS51957-29	96906		1A2MP9H7	RCR07G393JS	81349	5-49	1A1A17R56
MS51957-29	96906		1A2MP15H1	RCR07G393JS	81349	5-49	1A1A17RS7
MS51957-29	96906		1A2MP16H1	RCR07C393JS	81349	5-49	1A1A17R66
MS51957-30	96906		1MP3HP7H2	RCR07G393JS	81349	5-49	1A1A17R67
MS51957-30	96906		1MP3MP8H2	RCR07C393JS	813.49	5-49	1A1A17R77
MS51957-30	96906		1A1C1H1	RCR07C393JS	81349	5-49	1A1A17R78
MS51957-30	96906		1A1MP44H1	RCR07C393JS	81349	5-49	1A3A18R46
MS51957-30	96906		1A3C1H1	RCR07C393JS	81349	5-49	1A1A18R47
MS51957-31	96906		1A1MP38H2	RCR07C393JS	81349	5-49	1A1A18R56
MS51957-31	96906		1A1P16H1	RCR07G393JS	81349	5-49	1A1A18R57

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RCR07G393JS	81349	5-49	1A1A18R66	RCR07G682JS	81349	5-48	1A1A14R25
RCR07G393JS	81349	5-49	1A1A18R67	RCR07G682JS	81349	5-48	1A1A14R29
RCR07G393JS	81349	5-49	1A1A18R77	RCR07G682JS	81349	5-48	1A1A14R33
RCR07G393JS	81349	5-49	1A1A18R78	RCR07G682JS	81349	5-48	1A1A14R44
RCR07G393JS	81349	5-50	1A1A19R58	RCR07G682JS	81349	5-48	1A1A14R52
RCR07G393JS	81349	5-50	1A1A19R63	RCR07G682JS	81349	5-48	1A1A15R17
RCR07G393JS	81349	5-50	1A1A19R68	RCR07G682JS	81349	5-4-9	1A1A15R21
RCR07G393JS	81349	5-50	1A1A19R73	RCR07G682JS	81349	5-48	1A1A15R25
RCR07G682JS	81349	5-40	1A1A2R3	RCR07G682JS	81349	5-48	1A1A15R29
RCR07G682JS	81349	5-40	1A1A2R11	RCR07G682JS	81349	5-48	1A1A15R33
RCR07G682JS	81349	5-40	1A1A2R51	RCR07G682JS	81349	5-48	1A1A15R44
RCR07G682JS	81349	5-40	1A1A2R58	RCR07G682JS	81349	5-48	1A1A15R52
RCR07G682JS	81349	5-40	1A1A3R3	RCR07G682JS	81349	5-48	1A1A16R17
RCR07G682JS	81349	5-40	1A1A3R11	RCR07G682JS	81349	5-48	1A1A16R21
RCR07G682JS	81349	5-40	1A1A3R51	RCR07G682JS	81349	5-48	2A1A16R25
RCR07G682JS	81349	5-40	1A1A3R58	RCR07G682JS	81349	5-48	1A1A16R29
RCR07G682JS	81349	5-40	1A1A4R3	RCR07G682JS	81349	5-48	1A1A16R33
RCR07G682JS	81349	5-40	1A1A4R11	RCR07G682JS	81349	5-48	1A1A16R44
RCR07G682JS	81349	5-40	1A1A4R51	RCR07C682JS	81349	5-48	1A1A16R52
RCR07G682JS	81349	5-40	1A1A4R58	RCR07G682JS	81349	5-49	1A1A17R17
RCR07G682JS	81349	5-41	1A1A5R4	RCR07C682JS	81349	5-49	1A1A17R21
RCR07G682JS	81349	5-41	1A1A5R7	RCR07G682JS	81349	5-49	1A1A17R25
RCR07G682JS	81349	5-41	1A1A5R12	RCR07G682JS	81349	5-49	1A1A17R29
RCR07G682JS	81349	5-41	1A1A5R25	RCR07C682JS	81349	5-49	1A1A17R33
RCR07G682JS	81349	5-41	1A1A5R20	RCR07G682JS	81349	5-49	1A1A17R45
RCR07G682JS	81349	5-41	1A1A5R23	RCR07G682JS	81349	5-49	1A1A17R49
RCR07G682JS	81349	5-41	1A1A5R54	RCR07G682JS	81349	5-49	1A1A18R55
RCR07G682JS	81349	5-41	1A1A5R58	RCR07C682JS	81349	5-49	1A1A17R59
RCR07G682JS	81349	5-41	1A1A5R62	RCR07C682JS	81349	5-49	1A1A17R65
RCR07G682JS	81349	5-41	1A1A5R64	RCR07G682JS	81349	5-49	1A1A17R69
RCR07G682JS	81349	5-41	1A1A5R66	RCR07G682JS	81349	5-49	1A1A17R76
RCR07G682JS	81349	5-42	1A1A6R2	RCRC7G682JS	81349	5-49	1A1A17R80
RCR07G682JS	81349	5-42	1A1A6R4	RCR07G682JS	81349	5-49	1A3A18R17
RCR07G682JS	81349	5-42	1A1A6R5	RCR07G682JS	81349	5-49	1A1A18R21
RCR07G682JS	81349	5-43	1A1A7R29	RCR07G682JS	81349	5-49	1A1A18R25
RCR07G682JS	81349	5-43	1A1A7R30	RCR07G682JS	81349	5-49	1A1A18R29
RCR07G682JS	81349	5-44	1A1A8R16	RCR07G682JS	81349	5-49	1A1A18R33
RCR07G682JS	81349	5-45	1A1A9R20	RCR07G682JS	81349	5-49	1A1A18R45
RCR07G682JS	81349	5-45	1A1A9R44	RCR07G682JS	81349	5-49	1A1A18R49
RCR07G682JS	81349	5-45	1A1A9R58	RCR07G682JS	81349	5-49	1A1A18R55
RCR07G682JS	81349	5-45	1A1A9R74	RCR07G682JS	81349	5-49	1A1A18R59
RCR07G682JS	81349	5-46	1A1A10R1	RCR07G682JS	81349	5-49	1A1A18R65
RCR07G682JS	81349	5-46	1A1A10R36	RCR07G682JS	81349	5-49	1A1A18R69
RCR07G682JS	81349	5-47	1A1A11R20	RCR07G682JS	81349	5-49	1A1A18R76
RCR07G682JS	81349	5-47	1A1A11R23	RCR07G682JS	81349	5-49	1A1A18R80
RCR07G682JS	81349	5-47	1A1A11R27	RCR07G682JS	81349	5-50	1A1A19R37
RCR07G682JS	81349	5-47	1A1A11R34	RCR07G682JS	81349	5-50	1A1A19R21
RCR07G682JS	81349	5-47	1A1A11R35	RCR07G682JS	81349	5-50	1A1A19R25
RCR07G682JS	81349	5-47	1A1A11R57	RCR07G682JS	81349	5-50	1A1A19R29
RCR07G682JS	81349	5-47	1A1A11R60	RCR07C682JS	81349	5-50	1A1A19R33
RCR07G682JS	81349	5-47	1A1A11R64	RCR07G682JS	81349	5-51	1A1A20R16
RCR07G682JS	81349	5-47	1A1A11R71	RCR07G682JS	81349	5-55	1A2A2R43
RCR07G682JS	81349	5-47	1A1A11R72	RCR07C682JS	81349	5-57	1A3A1R15
RCR07G682JS	81349	5-48	1A1A12R17	RC07CF101J	81349	5-42	1A2A6R33
RCR07G682JS	81349	5-48	1A1A12R21	RC07GF101J	81349	5-44	1A1A8R34
RCR07G682JS	81349	5-48	1A1A12R25	RC07CF101J	81349	5-45	1A1A9R8
RCR07G682JS	81349	5-48	1A1A12R29	RC07CF101J	81349	5-45	1A1A9R17
RCR07G682JS	81349	5-48	1A1A12R33	RC07CF101J	81349	5-45	1A1A9R39
RCR07G682JS	81349	5-48	1A1A12R44	RC07GF101J	81349	5-45	1A1A9R48
RCR07G682JS	81349	5-48	1A1A12R52	RC07GF101J	81349	5-45	1A1A9R53
RCR07G682JS	81349	5-48	1A1A13R17	RC07GF101J	81349	5-45	1A1A9R62
RCR07G682JS	81349	5-48	1A1A13R21	RC07GF101J	81349	5-45	1A1A9R69
RCR07G682JS	81349	5-48	1A1A13R25	RC07GF101J	81349	5-45	1A1A9R78
RCR07G682JS	81349	5-48	1A1A23R29	RC07CF101J	81349	5-45	1A1A9R82
RCR07G682JS	81349	5-48	1A1A13R33	RC07GF101J	81349	5-46	1A10R15
RCR07G682JS	81349	5-48	1A1A13R44	RC07GF101J	81349	5-47	1A1A11R24
RCR07G682JS	81349	5-48	1A1A13R52	RC07CF101J	81349	5-47	1A1A11R61
RCR07G682JS	81349	5-48	1A1A14R17	RC07CF101J	81349	5-10	1A1A21R49
RCR07G682JS	81349	5-48	1A1A14R21	RC07GF101J	81349	5-55	1A2A3R9

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RC07GF10J	81349	5-57	1A3A1R2	RC07GF102J	81349	5-41	1A1A5R2
RC07GF101J	81349	5-57	1A3A1R17	RC07GF102J	81349	5-41	1A1A5R8
RC07GF102J	81349	5-10	1A1A21R7	RC07GF102J	81349	5-41	1A1A5R11
RC7GF102J	81349	5-11	1A1A22R32	RC07GF102J	81349	5-41	1A1A5R16
RC07GF102J	81349	5-12	1A1A23R45	RC07GF102J	81349	5-41	1A1A5R19
RC07GF102J	81349	5-39	1A1A1R6	RC07GF102J	81349	5-41	1A1A5R24
RC07GF102J	81349	5-39	1A1A1R13	RC07GF102J	81349	5-41	1A1A5R53
RC07GF102J	81349	5-39	1A1A1R21	RC07GF102J	81349	5-41	1A1A5R59
RC07GF102J	81349	5-40	1A1A2R2	RC07GF102J	81349	5-42	1A1A6R14
RC07GF102J	81349	5-40	1A1A2R10	RC07GF102J	81349	5-42	1A1A6R18
RC07GF102J	81349	5-40	1A1A2R13	RC07GF102J	81349	5-42	1A1A6R21
RC07GF102J	81349	5-40	1A1A2R20	RC07GF102J	81349	5-42	1A1A6R23
RC07GF102J	81349	5-40	1A1A2R23	RC07GF102J	81349	5-42	1A1A6R27
RC07GF102J	81349	5-40	1A1A2R30	RC07GF102J	81349	5-42	1A1A6R38
RC07GF102J	81349	5-40	1A1A2R32	RC07GF102J	81349	5-42	1A1A6R41
RC07GF102J	81349	5-40	1A1A2R39	RC07GF102J	81349	5-42	1A1A6R44
RC07GF102J	81349	5-40	1A1A2R50	RC07GF102J	81349	5-42	1A1A6R47
RC07GF102J	81349	5-40	1A1A2R57	RC07GF102J	81349	5-42	1A1A6R50
RC07GF102J	81349	5-40	1A1A2R60	RC07GF102J	81349	5-43	1A1A7R25
RC07GF102J	81349	5-40	1A1A2R67	RC07GF102J	81349	5-45	1A1A9R9
RC07GF102J	81349	5-40	1A1A2R70	RC07GF102J	81349	5-46	1A1A10R12
RC07GF102J	81349	5-40	1A1A2R77	RC07GF102J	81349	5-46	1A1A10R13
RC07GF102J	81349	5-40	1A1A2R81	RC07GF102J	81349	5-46	1A1A10R18
RC07GF102J	81349	5-40	1A1A2R87	RC07GF102J	81349	5-46	1A1A10R21
RC07GF102J	81349	5-40	1A1A3R2	RC07GF102.7	81349	5-46	1A1A10R51
RC07GF102J	81349	5-40	1A1A3R10	RC07GF102J	81349	5-47	1A1A11R3
RC07GF102J	81349	5-40	1A1A3R13	RC07GF102J	81349	5-47	1A1A11R4
RC07GF102J	81349	5-40	1A1A3R20	RC07GF102J	81349	5-47	1A1A11R14
RC07GF102J	81349	5-40	1A1A3R23	RC07GF102J	81349	5-47	1A1A11R25
RC07GF102J	81349	5-40	1A1A3R30	RC07GF102J	81349	5-47	1A1A11R31
RC07GF102J	81349	5-40	1A1A3R32	RC07GF102J	81349	5-47	1A1A11R40
RC07GF102J	81349	5-40	1A1A3R39	RC07GF102J	81349	5-47	1A1A11R41
RC07GF102J	81349	5-40	1A1A3R50	RC07GF102J	81349	5-47	1A1A11R51
RC07GF102J	81349	5-40	1A1A3R57	RC07GF102J	81349	5-47	1A1A11R62
RC07GF102J	81349	5-40	1A1A3R60	RC07GF102J	81349	5-47	1A1A11R68
RC07GF102J	81349	5-40	1A1A3R67	RC07GF102J	81349	5-48	1A1A12R19
RC07GF102J	81349	5-40	1A1A3R70	RC07GF102J	81349	5-48	1A1A12R23
RC07GF102J	81349	5-40	1A1A3R77	RC07GF102J	81349	5-48	1A1A12R27
RC07GF102J	81349	5-40	1A1A3R81	RC07GF102J	81349	5-48	1A1A12R31
RC07GF102J	81349	5-40	1A1A3R87	RC07GF102J	81349	5-48	1A1A12R35
RC07GF102J	81349	5-40	1A1A4R2	RC07GF102J	81349	5-48	1A1A12R43
RC07GF102J	81349	5-40	1A1A4R10	RC07GF102J	81349	5-48	1A1A12R50
RC07GF102J	81349	5-40	1A1A6R13	RC07GF102J	81349	5-48	1A1A12R54
RC07GF102J	81349	5-40	1A1A4R20	RC07GF102J	81349	5-48	1A3A12R60
RC07GF102J	81349	5-40	1A1A4R23	RC07GF102J	81349	5-48	1A1A12R64
RC07GF102J	81349	5-40	1A1A4R30	RC07GF102J	81349	5-48	1A1A12R70
RC07GF102J	81349	5-40	1A1A4R32	RC07GF102J	81349	5-48	1A1A13R19
RC07GF102J	81349	5-40	1A1A4R 39	RC07GF102J	81349	5-48	1A1A13R23
RC07GF102J	81349	5-40	1A1A4R50	RC07GF102J	81349	5-48	1A1A13R27
RC07GF102J	81349	5-40	1A1A4R57	RC07GF102J	81349	5-48	1A1A13R31
RC07GF102J	81349	5-40	1A1A4R60	RC07GF102J	81349	5-48	1A1A13R35
RC07GF102J	81349	5-40	1A1A4R67	RC07GF102.7	81349	5-48	1A1A13R43
RC07GF102J	81349	5-40	1A1A4R70	RC07GF102J	81349	5-48	3.A1A13R50
RC07GF102J	81349	5-40	1A1A4R77	RC07GF102J	81349	5-48	1A1A13R5 4
RC07GF102J	81349	5-40	1A1A4R81	RC07GF102J	81349	5-48	1A1A13R60
RC07GF102J	81349	5-40	1A1A4R87	RC07GF102J	81349	5-48	1A1A13R64
				RC07GF102J	81349	5-48	1A1A13R70
				RC07GF102J	81349	5-48	1A1A14R19
				RC07GF102J	81349	5-48	1A1A14R23
				RC07GF102J	81349	5-48	1A1A14R27
				RC07GF102J	81349	5-48	1A1A14R31
				RC07GF102J	81349	5-48	1A1A14R35
				RC07GF102J	81349	5-48	1A1A14R43
				RC07GF102J	81349	5-48	1A1A14R50
				RC07GF102J	81349	5-48	1A1A14R54
				RC07GF102J	81349	5-48	1A1A14R60

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE No.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
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RC07GF102J	81349	5-48	1A1A14R70	RC07GF103J	81349	5-40	1A1A2R15
RC07GF102J	81349	5-48	1A1A15R19	RC07GF103J	81349	5-40	1A1A2R19
RC07GF102J	81349	5-48	1A1A15R23	RC07GF103J	81349	5-40	1A1A2R21
RC07GF102J	81349	5-48	1A1A15R27	RC07GF103J	81349	5-40	1A1A2R24
RC07GF102J	81349	5-48	1A1A15R31	RC07GF103J	81349	5-40	1A1A2R25
RC07GF102J	81349	5-48	1A1A15R35	RC07GF103J	81349	5-40	1A1A2R29
RC07CF102J	81349	5-48	1A1A15R43	RC07GF103J	81349	5-40	1A1A2R31
RC07GF102J	81349	5-48	1A1A15R50	RC07GF103J	81349	5-40	1A1A2R33
RC07GF102J	81349	5-48	1A1A15R54	RC07GF103J	81349	5-40	1A1A2R34
RC07GF102J	81349	5-48	1A1A15R60	RC07GF103J	81340	5-40	1A1A2R38
RC07GF102J	81349	5-48	1A1A15R64	RC07GF103J	81349	5-40	1A1A2R40
RC07GF102J	81349	5-48	1A1A15R70	RC07GF103J	81349	5-40	1A1A2R52
RC07GF102J	81349	5-48	1A1A16R1 9	RC07GF103J	81349	5-40	1A1A2R56
RC07GF102J	81349	5-48	1A1A16R23	RC07GF103J	81349	5-40	1A1A2R61
RC07GF102J	81349	5-48	1A1A16R27	RC07GF103J	81349	5-40	1A1A2R62
RC07GF102J	81349	5-48	1A1A16R31	RC07GF103J	81349	5-40	1A1A2R66
RC07GF102J	81349	5-48	1A1A16R35	RC07GF103J	81349	5-40	1A1A2R68
RC07GF102J	81349	5-48	1A1A16R43	RC07GF103J	81349	5-40	1A1A2R71
RC07GF102J	81349	5-48	1A1A16R50	RC07GF103J	81349	5-40	1A1A2R72
RC07GF102J	81349	5-48	1A1A16R54	RC07GF103J	81349	5-40	1A1A2R76
RC07GF102J	81349	5-48	1A1A16R60	RC07GF103J	81349	5-40	1A1A2R78
RC07GF102J	81349	5-48	1A1A16R64	RC07GF103J	81349	5-40	1A1A2R79
RC07GF102J	81349	5-48	1A1A16R70	RC07GF103J	81349	5-40	1A1A2R82
RC07GF102J	81349	5-49	1A1A17R19	RC07GF103J	81349	5-40	1A1A2R86
RC07GF102J	81349	5-49	1A1A17R23	RC07GF103J	81349	5-40	1A1A2R88
RC07GF102J	81349	5-49	1A1A17R2 7	RC07GF103J	81349	5-40	1A1A3R4
RC07GF102J	81349	5-49	1A1A17R31	RC07GF103J	81349	5-40	1A1A3R9
RC07GF102J	81349	5-49	1A1A17R35	RC07GF103J	81349	5-40	1A1A3R14
RC07GF102J	81349	5-49	1A1A17R43	RC07GF103J	81349	5-40	1A1A3R15
RC07GF102J	81349	5-49	1A1A17R5 0	RC07GF103J	81349	5-40	1A1A3R19
RC07GF102J	81349	5-49	1A1A17R5 4	RC07GF103J	81349	5-40	1A1A3R21
RC07GF102J	81349	5-49	1A1A17R60	RC07GF103J	81349	5-40	1A1A3R24
RC07GF102J	81319	5-49	1A1A17Q64	RC07GF103J	81349	5-40	1A1A3R25
RC07GF102J	81349	5-49	1A1A17R70	RC07GF103J	81349	5-40	1A1A3R29
RC07GF102J	81349	5-49	1A1A18R19	RC07GF103J	81349	5-40	1A1A3R31
RC07GF102J	81349	5-49	1A1A18R23	RC07GF103J	81349	5-40	1A1A3R33
RC07GF102J	81349	5-49	1A1A18R27	RC07GF103J	81349	5-40	1A1A3R34
RC07GF102J	81349	5-49	1A1A1tJR31	RC07GF103J	81349	5-40	1A1A3R38
RC07GF102J	81349	5-49	1A1A18R35	RC07GF103J	81349	5-40	1A1A3R40
RC07GF102J	81349	5-49	1A1A18R43	RC07GF103J	81349	5-40	1A1A3R52
RC07GF102J	81349	5-49	1A1A18R50	RC07GF103J	81349	5-40	1A1A3R56
RC07GF102J	81349	5-49	1A1A18R54	RC07GF103J	81349	5-40	1A1A3R61
RC07GF102J	81349	5-49	1A1A18R60	RC07GF103J	81349	5-40	1A1A3R62
RC07GF102J	81349	5-49	1A1.A18R64	RC07GF103J	81349	5-40	1A1A3R66
RC07GF102J	81349	5-49	1A2A18R70	RC07GF103J	81349	5-40	1A1A3R68
RC07GF102J	81349	5-50	1A1A19R19	RC07GF103J	81349	5-40	1A1A3R71
RC07GF102J	81349	5-50	1A1.A19R23	RC07GF103J	81349	5-40	1A1A3R72
RC07GF102J	81349	5-50	1A1A19R27	RC07GF103J	81349	5-40	1A1A3R76
RC07GF102J	81349	5-50	1A1A19R31	RC07GF103J	81349	5-40	1A1A3R78
RC07GF102J	81349	5-50	1A1A19R35	RC07GF103J	81349	5-40	1A1A3R79
RC07GF102J	81349	5-50	1A1A19R60	RC07GF103J	81349	5-40	1A1A3R82
RC07GF102J	81349	5-50	3A1A19R61	RC07GF103J	81349	5-40	1A1A3R86
RC07GF102J	81349	5-50	1A1A19R65	RC07GF103J	81349	5-40	1A1A3R88
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RC07GF102J	81349	5-50	1A1A19R70	RC07GF103J	81349	5-40	1A1A4R9
RC07GF102J	81349	5-50	1A1A19R71	RC07GF103J	81349	5-40	1A1A4R14
RC07GF102J	81349	5-50	1A1A19R75	RC07GF103J	81349	5-40	1A1A4R15
RC07GF102J	81349	5-50	1A1A19R76	RC07GF103J	81349	5-40	1A1A4R19
RC07GF102J	81349	5-51	1A1A20R13	RC07GF103J	81349	5-40	1A1A4R21
RC07GF102J	81349	5-54	1A2A1R2	RC07GF103J	81349	5-40	1A1A4R24
RC07GF102J	81349	5-54	1A2A1R3	RC07GF103J	81349	5-40	1A1A4R25
RC07GF102J	81349	5-57	1A3A1R13	RC07GF103J	81349	5-40	1A1A4R29
RC07GF102J	81349	5-57	1A3A1R16	RC07GF103J	81349	5-40	1A1A4R31
RC07GF103J	81349	5-10	1A1A21R5	RC07GF103J	81349	5-40	1A1A4R33
RC07GF103J	81349	5-11	1A1A22R28	RC07GF103J	81349	5-40	1A1A4R34
RC07GF103J	81349	5-12	1A1A23R41	RC07GF103J	81349	5-40	1A1A4R38
RC07GF103J	81349	5-40	1A1A2R4	RC07GF103J	81349	5-40	1A1A4R40
RC07GF103J	81349	5-40	1A1A2R9	RC07GF103J	81349	5-40	1A1A4R52

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
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RC07GF103J	81349	5-40	1A1A4R62	RC07GF103J	81349	5-48	1A1A13R40
RC07GF103J	81349	5-40	1A1A4R66	RC07GF103J	81349	5-48	1A1A13R41
RC07GF103J	83149	5-40	1A1A4R68	RC07GF103J	81349	5-48	1A1A13R45
RC07GF103J	81349	5-40	1A1A4R71	RC07GF103J	81349	5-48	1A1A13R49
RC07GF103J	81349	5-40	1A1A4R72	RC07GF103J	81349	5-48	1A1A13R53
RC07GF103J	81349	5-40	1A1A4R76	RC07GF103J	81349	5-48	1A1A13R55
RC07GF103J	81349	5-40	1A1A4R78	RC07GF103J	81349	5-48	1A1A13R59
RC07GF103J	81349	5-40	1A1A4R79	RC07GF103J	81349	5-48	1A1A13R61
RC07GF103J	81349	5-40	1A1A4R82	RC07GF103J	81349	5-48	1A1A13R63
RC07GF103J	81349	5-40	1A1A4R86	RC07GF103J	81349	5-48	1A1A13R65
RC07GF103J	81349	5-40	1A1A4R88	RC07GF103J	81349	5-48	1A1A13R69
RC07GF103J	81349	5-41	1A1A5R1	RC07GF103J	81349	5-48	1A1A13R71
RC07GF103J	81349	5-41	1A1A5R9	RC07GF103J	81349	5-48	1A1A13R72
RC07GF103J	81349	5-41	1A1A5R10	RC07GF103J	81349	5-48	1A1A13R76
RC07GF103J	81349	5-41	1A1A5R17	RC07GF103J	81349	5-48	1A1A13R80
RC07GF103J	81349	5-41	1A1A5R18	RC07GF103J	81349	5-48	1A1A13R83
RC07GF103J	81349	5-41	1A1A5R25	RC07GF103J	81349	5-48	1A1A14R38
RC07GF103J	81349	5-41	1A1A5R26	RC07GF103J	81349	5-48	1A1A14R39
RC07GF103J	81349	5-41	1A1A5R34	RC07GF103J	81349	5-48	1A1A14R40
RC07GF103J	81349	5-41	1A1A5R49	RC07GF103J	81349	5-48	1A1A14R41
RC07GF103J	81349	5-41	1A1A5R52	RC07GF103J	81349	5-48	1A1A14R45
RC07GF103J	81349	5-43	1A1A7R2	RC07GF103J	81349	5-48	1A1A14R49
RC07GF103J	81349	5-43	1A1A7R3	RC07GF103J	81349	5-48	1A1A14R53
RC07GF103J	81349	5-43	1A1A7R12	RC07GF103J	81349	5-48	1A1A14R55
RC07GF103J	81349	5-43	1A1A7R22	RC07GF103J	81349	5-48	1A1A14R59
RC07GF103J	81349	5-43	1A1A7R38	RC07GF103J	81349	5-48	1A1A14R61
RC07GF103J	81349	5-43	1A1A7R41	RC07GF103J	81349	5-48	1A1A14R63
RC07GF103J	81349	5-43	1A1A7R44	RC07GF103J	81349	5-48	1A1A14R65
RC07GF103J	81349	5-43	1A1A7R46	RC07GF103J	81349	5-48	1A1A14R69
RC07GF103J	81349	5-43	1A1A7R48	RC07GF103J	81349	5-48	1A1A14R71
RC07GF103J	81349	5-43	1A1A7R49	RC07GF103J	81349	5-48	1A1A14R72
RC07GF103J	81349	5-43	1A1A7R50	RC07GF103J	81349	5-48	1A1A14R76
RC07GF103J	81349	5-43	1A1A7R51	RC07GF103J	81349	5-48	1A1A14R80
RC07GF103J	81349	5-43	1A1A7R52	RC07GF103J	81349	5-48	1A1A14R83
RC07GF103J	81349	5-44	1A1A8R11	RC07GF103J	81349	5-48	1A1A15R38
RC07GF103J	81349	5-45	1A1A9R7	RC07GF103J	81349	5-48	1A1A15R39
RC07GF103J	81349	5-45	1A1A9R15	RC07GF103J	81349	5-48	1A1A15R40
RC07GF103J	81349	5-45	1A1A9R27	RC07GF103J	81349	5-48	1A1A15R41
RC07GF103J	81349	5-45	1A1A9R37	RC07GF103J	81349	5-48	1A1A15R45
RC07GF103J	81349	5-45	1A1A9R50	RC07GF103J	81349	5-48	1A1A15R49
RC07GF103J	81349	5-45	1A1A9R51	RC07GF103J	81349	5-48	1A1A15R53
RC07GF103J	81349	5-45	1A1A9R64	RC07GF103J	81349	5-48	1A1A15R55
RC07GF103J	81349	5-45	1A1A9R67	RC07GF103J	81349	5-48	1A1A15R59
RC07GF103J	81349	5-45	1A1A9R80	RC07GF103J	81349	5-48	1A1A15R61
RC07GF103J	81349	5-46	1A1A10R39	RC07GF103J	81349	5-48	1A1A15R63
RC07GF103J	81349	5-47	1A1A11R32	RC07GF103J	81349	5-48	1A1A15R65
RC07GF103J	81349	5-47	1A1A11R33	RC07GF103J	81349	5-48	1A1A15R69
RC07GF103J	81349	5-47	1A1A11R69	RC07GF103J	81349	5-48	1A1A15R71
RC07GF103J	81349	5-47	1A1A11R70	RC07GF103J	81349	5-48	1A1A15R72
RC07GF103J	81349	5-48	1A1A12R38	RC07GF103J	81349	5-48	1A1A15R76
RC07GF103J	81349	5-48	1A1A12R39	RC07GF103J	81349	5-48	1A1A15R80
RC07GF103J	81349	5-48	1A1A12R40	RC07GF103J	81349	5-48	1A1A15R83
RC07GF103J	81349	5-48	1A1A12R41	RC07GF103J	81349	5-48	1A1A16R38
RC07GF103J	81349	5-48	1A1A12R45	RC07GF103J	81349	5-48	1A1A16R39
RC07GF103J	81349	5-48	1A1A12R49	RC07GF103J	81349	5-48	1A1A16R40
RC07GF103J	81349	5-48	1A1A12R53	RC07GF103J	81349	5-48	1A1A16R41
RC07GF103J	81349	5-48	1A1A12R55	RC07GF103J	81349	5-48	1A1A16R45
RC07GF103J	81349	5-48	1A1A12R59	RC07GF103J	81349	5-48	1A1A16R49
RC07GF103J	81349	5-48	1A1A12R61	RC07GF103J	81349	5-48	1A1A16R53
RC07GF103J	81349	5-48	1A1A12R63	RC07GF103J	81349	5-48	1A1A16R55
RC07GF103J	81349	5-48	1A1A12R65	RC07GF103J	81349	5-48	1A1A16R59
RC07GF103J	81349	5-48	1A1A12R69	RC07GF103J	81349	5-48	1A1A16R61
RC07GF103J	81349	5-48	1A1A12R71	RC07GF103J	81349	5-48	1A1A16R63
RC07GF103J	81349	5-48	1A1A12R72	RC07GF103J	81349	5-48	1A1A16R65
RC07GF103J	81349	5-48	1A1A12R76	RC07GF103J	81349	5-48	1A1A16R69
RC07GF103J	81349	5-48	1A1A12R80	RC07GF103J	81349	5-48	1A1A16R71
RC07GF103J	81349	5-48	1A1A12R83	RC07GF103J	81349	5-48	1A1A16R72

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
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RC07GF103J	81349	5-48	1A1A16R80	RC07GF104J	81349	5-49	1A1A17R20
RC07GF103J	81349	5-48	1A1A16R83	RC07GF104J	81349	5-49	1A1A17R24
RC07GF103J	81349	5-49	1A1A17R38	RC07GF104J	81349	5-49	1A1A17R28
RC07GF103J	81349	5-49	1A1A17R39	RC07GF104J	81349	5-49	1A1A17R32
RC07GF103J	81349	5-49	1A1A17R40	RC07GF104J	81349	5-49	1A1A17R36
RC07GF103J	81349	5-49	1A1A17R41	RC07GF104J	81349	5-49	1A1A18R11
RC07GF103J	81349	5-49	1A1A17R53	RC07GF104J	81349	5-49	1A1A18R12
RC07GF103J	81349	5-49	1A1A17R61	RC07GF104J	81349	5-49	1A1A18R20
RC07GF103J	81349	5-49	1A1A17R63	RC07GF104J	81349	5-49	1A1A18R24
RC07GF103J	81349	5-49	1A1A17R71	RC07GF104J	81349	5-49	1A1A18R28
RC07GF103J	81349	5-49	1A1A17R72	RC07GF104J	81349	5-49	1A1A18R32
RC07GF103J	81349	5-49	1A1A17R83	RC07GF104J	81349	5-49	1A1A18R36
RC07GF103J	81349	5-49	1A1A18R38	RC07GF104J	81349	5-50	1A1A19R11
RC07GF103J	81349	5-49	1A1A18R39	RC07GF104J	81349	5-50	1A1A19R12
RC07GF103J	81349	5-49	1A1A18R40	RC07GF104J	81349	5-50	1A1A19R20
RC07GF103J	81349	5-49	1A1A18R41	RC07GF104J	81349	5-50	1A1A19R24
RC07GF103J	81349	5-49	1A1A18R53	RC07GF104J	81349	5-50	1A1A19R28
RC07GF103J	81349	5-49	1A1A18R61	RC07GF104J	81349	5-50	1A1A19R32
RC07GF103J	81349	5-49	1A1A18R63	RC07GF104J	81349	5-50	1A1A19R36
RC07GF103J	81349	5-49	1A1A18R71	RC07GF104J	81349	5-11	1A1A22R50
RC07GF103J	81349	5-49	1A1A18R72	RC07GF104J	81349	5-12	1A1A23R51
RC07GF103J	81349	5-49	1A1A18R83	RC07GF105J	81349	5-10	1A1A21R4
RC07GF103J	81349	5-50	1A1A19R38	RC07GF105J	81349	5-10	1A1A21R6
RC07GF103J	81349	5-50	1A1A19R39	RC07GF122J	81349	5-39	1A1A1R7
RC07GF103J	81349	5-50	1A1A19R40	RC07GF122J	81349	5-42	1A1A6R1
RC07GF103J	81349	5-50	1A1A19R43	RC07GF122J	81349	5-42	1A1A6R6
RC07GF103J	81349	5-55	1A2A2R20	RC07GF122J	81349	5-42	1A1A6R8
RC07GF103J	81349	5-55	1A2A2R28	RC07GF122J	81349	5-44	1A1A8R13
RC07GF103J	81349	5-55	1A2A2R34	RC07GF122J	81349	5-46	1A1A10R14
RC07GF104J	81349	5-39	1A1A1R23	RC07GF122J	81349	5-46	1A1A10R50
RC07GF104J	81349	5-42	1A1A6R7	RC07GF122J	81349	5-47	1A1A11R17
RC07GF104J	81349	5-46	1A1A10R44	RC07GF122J	81349	5-47	1A1A11R54
RC07GF104J	81349	5-48	1A1A12R11	RC07GF122J	81349	5-50	1A1A19R48
RC07GF104J	81349	5-48	1A1A12R12	RC07GF122J	81349	5-55	1A2A2R21
RC07GF104J	81349	5-48	1A1A12R20	RC07GF122J	81349	5-55	1A2A2R30
RC07GF104J	81349	5-48	1A1A12R24	RC07GF122J	81349	5-55	1A2A2R35
RC07GF104J	81349	5-48	1A1A12R28	RC07GF123J	81349	5-40	1A1A2R18
RC07GF104J	81349	5-48	1A1A12R32	RC07GF123J	81349	5-40	1A1A2R28
RC07GF104J	81349	5-48	1A1A12R36	RC07GF123J	81349	5-40	1A1A2R35
RC07GF104J	81349	5-48	1A1A13R11	RC07GF123J	81349	5-40	1A1A2R55
RC07GF104J	81349	5-48	1A1A13R12	RC07GF123J	81349	5-40	1A1A2R63
RC07GF104J	81349	5-48	1A1A13R20	RC07GF123J	81349	5-40	1A1A2R73
RC07GF104J	81349	5-48	1A1A13R24	RC07GF123J	81349	5-40	1A1A2R85
RC07GF104J	81349	5-48	1A1A13R28	RC07GF123J	81349	5-40	1A1A3R18
RC07GF104J	81349	5-48	1A1A13R32	RC07GF123J	81349	5-40	1A1A3R28
RC07GF104J	81349	5-48	1A1A13R36	RC07GF123J	81349	5-40	1A1A3R35
RC07GF104J	81349	5-48	1A1A14R11	RC07GF123J	81349	5-40	1A1A3R55
RC07GF104J	81349	5-48	1A1A14R12	RC07GF123J	81349	5-40	1A1A3R63
RC07GF104J	81349	5-48	1A1A14R20	RC07GF123J	81349	5-40	1A1A3R73
RC07GF104J	81349	5-48	1A1A14R24	RC07GF123J	81349	5-40	1A1A3R85
RC07GF104J	81349	5-48	1A1A14R28	RC07GF123J	81349	5-40	1A1A4R18
RC07GF104J	81349	5-48	1A1A14R32	RC07GF123J	81349	5-40	1A1A4R28
RC07GF104J	81349	5-48	1A1A14R36	RC07GF123J	81349	5-40	1A1A4R35
RC07GF104J	81349	5-48	1A1A15R11	RC07GF123J	81349	5-40	1A1A4R55
RC07GF104J	81349	5-48	1A1A15R12	RC07GF123J	81349	5-40	1A1A4R63
RC07GF104J	81349	5-48	1A1A15R20	RC07GF123J	81349	5-40	1A1A4R73
RC07GF104J	81349	5-48	1A1A15R24	RC07GF123J	81349	5-40	1A1A4R85
RC07GF104J	81349	5-48	1A1A15R28	RC07GF123J	81349	5-41	1A1A5R37
RC07GF104J	81349	5-48	1A1A15R32	RC07GF123J	81349	5-41	1A1A5R45
RC07GF104J	81349	5-48	1A1A15R36	RC07GF123J	81349	5-41	1A1A5R68
RC07GF104J	81349	5-48	1A1A16R11	RC07GF123J	81349	5-43	1A1A7R5
RC07GF104J	81349	5-48	1A1A16R12	RC07GF123J	81349	5-48	1A1A12R48
RC07GF104J	81349	5-48	1A1A16R20	RC07GF123J	81349	5-48	1A1A12R58
RC07GF104J	81349	5-48	1A1A16R24	RC07GF123J	81349	5-48	1A1A12R68
RC07GF104J	81349	5-48	1A1A16R28	RC07GF123J	81349	5-48	1A1A12R79
RC07GF104J	81349	5-48	1A1A16R32	RC07GF123J	81349	5-48	1A1A13R48
RC07GF104J	81349	5-48	1A1A16R36	RC07GF123J	81349	5-48	1A1A13R58
RC07GF104J	81349	5-49	1A1A17R11	RC07GF123J	81349	5-48	1A1A13R68

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RC07GF123J	81349	5-48	1A1A13R79	RC07GF153J	81349	5-49	1A1A18R79
RC07GF123J	81349	5-48	1A1A14R48	RC07GF153J	81349	5-55	1A2A2R19
RC07GF123J	81349	5-48	1A1A14R58	RC07GF153J	81349	5-55	1A2A2R29
RC07GF123J	81349	5-48	1A1A14R68	RC07GF153J	81349	5-55	1A2A2R33
RC07GF123J	81349	5-48	1A1A14R79	RC07GF153J	81349	5-57	1A3A1R10
RC07GF123J	81349	5-48	1A1A15R48	RC07GF153J	81349	5-57	1A3A1R14
RC07GF123J	81349	5-48	1A1A15R58	RC07GF181J	81349	5-25	1A1A9R18
RC07GF123J	81349	5-48	1A1A15R68	RC07GF181J	81349	5-45	1A1A9R25
RC07GF123J	81349	5-48	1A1A15R79	RC07GF181J	81349	5-45	1A1A9R40
RC07GF123J	81349	5-48	1A1A16R48	RC07GF181J	81349	5-45	1A1A9R46
RC07GF123J	81349	5-48	1A1A16R58	RC07GF181J	81349	5-45	1A1A9R54
RC07GF123J	81349	5-48	1A1A16R68	RC07GF181J	81349	5-45	1A1A9R60
RC07GF123J	81349	5-48	1A1A16R79	RC07GF181J	81349	5-45	1A1A9R70
RC07GF124J	81349	5-10	1A1A21R3	RC07GF181J	81349	5-45	1A1A9R76
RC07GF124J	81349	5-35	1A1R47	RC07GF181J	81349	5-55	1A2A2R41
RC07GF124J	81349	5-35	1A1R48	RC07GF182J	81349	5-40	1A1A2R12
RC07GF124J	81349	5-48	1A1A12R13	RC07GF182J	81349	5-40	1A1A2R59
RC07GF124J	81349	5-48	1A1A12R16	RC07GF182J	81349	5-40	1A1A3R12
RC07GF124J	81349	5-48	1A1A13R13	RC07GF182J	81349	5-40	1A1A3R59
RC07GF124J	81349	5-48	1A1A13R16	RC07GF182J	81349	5-40	1A1A4R12
RC07GF124J	81349	5-48	1A1A14R13	RC07GF182J	81349	5-40	1A1A4R59
RC07GF124J	81349	5-48	1A1A14R16	RC07GF182J	81349	5-41	1A1A5R67
RC07GF124J	81349	5-48	1A1A15R13	RC07GF182J	81349	5-46	1A1A10R53
RC07GF124J	81349	5-48	1A1A15R16	RC07GF182J	81349	5-46	1A1A10R54
RC07GF124J	81349	5-48	1A1A16R13	RC07GF182J	81349	5-50	1A1A19R41
RC07GF124J	81349	5-48	1A1A16R16	RC07GF182J	81349	5-50	1A1A19R45
RC07GF124J	81349	5-49	1A1A17R13	RC07GF183J	81349	5-43	1A1A7R9
RC07GF124J	81349	5-49	1A1A17R16	RC07GF183J	81349	5-46	1A1A10R31
RC07GF124J	81349	5-49	1A1A18R13	RC07GF183J	81349	5-46	1A1A10R49
RC07GF124J	81349	5-49	1A1A18R16	RC07GF183J	81349	5-57	1A3A1R9
RC07GF124J	81349	5-50	1A1A19R13	RC07GF184J	81349	5-48	1A1A12R37
RC07GF124J	81349	5-50	1A1A19R16	RC07GF184J	81349	5-48	1A1A13R37
RC07GF151J	81349	5-43	1A1A7R36	RC07GF184J	81349	5-48	1A1A14R37
RC07GF152J	81349	5-39	1A1A1R16	RC07GF184J	81349	5-48	1A1A15R37
RC07GF152J	81349	5-41	1A1A5R42	RC07GF184J	81349	5-48	1A1A16R37
RC07GF152J	81349	5-42	1A1A6R29	RC07GF184J	81349	5-49	1A1A17R37
RC07GF152J	81349	5-42	1A1A6R49	RC07GF184J	81349	5-49	1A1A18R37
RC07GF152J	81349	5-43	1A1A7R11	RC07GF184J	81349	5-50	1A1A19R37
RC07GF152J	81349	5-43	1A1A7R13	RC07GF221J	81349	5-45	1A1A9R84
RC07GF152J	81349	5-43	1A1A7R31	RC07GF221J	81349	5-45	1A1A9R85
RC07GF152J	81349	5-47	1A1A11R9	RC07GF221J	81349	5-45	1A1A9R86
RC07GF152J	81349	5-47	1A1A11R46	RC07GF221J	81349	5-51	1A1A20R15
RC07GF153J	81349	5-40	1A1A2R45	RC07GF221J	81349	5-54	1A2A1R5
RC07GF153J	81349	5-40	1A1A2R91	RC07GF221J	81349	5-54	1A2A1R6
RC07GF153J	81349	5-40	1A1A3R45	RC07GF222J	81349	5-39	1A1A1R22
RC07GF153J	81349	5-40	1A1A3R91	RC07GF222J	81349	5-40	1A1A2R5
RC07GF153J	81349	5-40	1A1A4R45	RC07GF222J	81349	5-40	1A1A2R8
RC07GF153J	81349	5-40	1A1A4R91	RC07GF222J	81349	5-40	1A1A2R94
RC07GF153J	81349	5-42	1A1A6R17	RC07GF222J	81349	5-40	1A1A3R5
RC07GF153J	81349	5-42	1A1A6R20	RC07GF222J	81349	5-40	1A1A3R8
RC07GF153J	81349	5-42	1A1A6R22	RC07GF222J	81349	5-40	1A1A3R94
RC07GF153J	81349	5-42	1A1A6R25	RC07GF222J	81349	5-40	1A1A4R5
RC07GF153J	81349	5-42	1A1A6R37	RC07GF222J	81349	5-40	1A1A4R8
RC07GF153J	81349	5-42	1A1A6R40	RC07GF222J	81349	5-40	1A1A4R94
RC07GF153J	81349	5-42	1A1A6R43	RC07GF222J	81349	5-43	1A1A7R21
RC07GF153J	81349	5-42	1A1A6R46	RC07GF222J	81349	5-43	1A1A7R39
RC07GF153J	81349	5-42	1A1A6R48	RC07GF222J	81349	5-43	1A1A7R42
RC07GF153J	81349	5-43	1A1A7R27	RC07GF222J	81349	5-43	1A1A7R43
RC07GF153J	81349	5-44	1A1A8R15	RC07GF222J	81349	5-43	1A1A7R45
RC07GF153J	81349	5-44	1A1A8R42	RC07GF222J	81349	5-43	1A1A7R47
RC07GF153J	81349	5-46	1A1A10R22	RC07GF222J	81349	5-44	1A1A8R9
RC07GF153J	81349	5-46	1A1A10R24	RC07GF222J	81349	5-44	1A1A8R22
RC07GF153J	81349	5-49	1A1A17R48	RC07GF222J	81349	5-46	1A1A10R43
RC07GF153J	81349	5-49	1A1A17R58	RC07GF222J	81349	5-47	1A1A11R37
RC07GF153J	81349	5-49	1A1A17R68	RC07GF222J	81349	5-47	1A1A11R74
RC07GF153J	81349	5-49	1A1A17R79	RC07GF223J	81349	5-42	1A1A6R3
RC07GF153J	81349	5-49	1A1A18R48	RC07GF223J	81349	5-42	1A1A6R52
RC07GF153J	81349	5-49	1A1A18R58	RC07GF223J	81349	5-43	1A1A7R7
RC07GF153J	81349	5-49	1A1A18R68	RC07GF223J	81349	5-47	1A1A11R5

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RC07GF223J	81349	5-47	1A1A11R13	RC07GF332J	81349	5-48	1A1A15R30
RC07GF223J	81349	5-47	1A1A11R30	RC07GF332J	81349	5-48	1A1A15R34
RC07GF223J	81349	5-47	1A1A11R42	RC07GF332J	81349	5-48	1A1A16R18
RC07GF223J	81349	5-47	1A1A11R50	RC07GF332J	81349	5-48	1A1A16R22
RC07GF223J	81349	5-47	1A1A11R67	RC07GF332J	81349	5-48	1A1A16R26
RC07GF223J	81349	5-50	1A1A19R53	RC07GF332J	81349	5-48	1A1A16R30
RC07GF271J	81349	5-45	1A1A9R14	RC07GF332J	81349	5-48	1A1A16R34
RC07GF271J	81349	5-45	1A1A9R36	RC07GF332J	81349	5-49	1A1A17R18
RC07GF271J	81349	5-45	1A1A9R65	RC07GF332J	81349	5-49	1A1A17R22
RC07GF271J	81349	5-45	1A1A9R66	RC07GF332J	81349	5-49	1A1A17R26
RC07GF271J	81349	5-47	1A1A11R10	RC07GF332J	81349	5-49	1A1A17R30
RC07GF271J	81349	5-47	1A1A11R47	RC07GF332J	81349	5-49	1A1A17R34
RC07GF271J	81349	5-51	1A1A20R19	RC07GF332J	81349	5-49	1A1A18R18
RC07GF272J	81349	5-41	1A1A5R44	RC07GF332J	81349	5-49	1A1A18R22
RC07GF272J	81349	5-41	1A1A5R55	RC07GF332J	81349	5-49	1A1A18R26
RC07GF272J	81349	5-43	1A1A7R1	RC07GF332J	81349	5-49	1A1A18R30
RC07GF272J	81349	5-43	1A1A7R19	RC07GF332J	81349	5-49	1A1A18R34
RC07GF272J	81349	5-43	1A1A7R20	RC07GF332J	81349	5-50	1A1A19R18
RC07GF272J	81349	5-43	1A1A7R34	RC07GF332J	81349	5-50	1A1A19R22
RC07GF272J	81349	5-47	1A1A11R11	RC07GF332J	81349	5-50	1A1A19R26
RC07GF272J	81349	5-47	1A1A11R48	RC07GF332J	81349	5-50	1A1A19R30
RC07GF272J	81349	5-57	1A3A1R6	RC07GF332J	81349	5-50	1A1A19R34
RC07GF273J	81349	5-41	1A1A5R38	RC07GF333J	81349	5-11	1A1A22R26
RC07GF273J	81349	5-43	1A1A7R14	RC07GF333J	81349	5-12	1A1A23R39
RC07GF273J	81349	5-43	1A1A7R15	RC07GF333J	81349	5-40	1A1A2R6
RC07GF273J	81349	5-43	1A1A7R33	RC07GF333J	81349	5-40	1A1A2R7
RC07GF273J	81349	5-45	1A1A9R16	RC07GF333J	81349	5-40	1A1A2R16
RC07GF273J	81349	5-45	1A1A9R26	RC07GF333J	81349	5-40	1A1A2R17
RC07GF273J	81349	5-45	1A1A9R38	RC07GF333J	81349	5-40	1A1A2R26
RC07GF273J	81349	5-45	1A1A9R49	RC07GF333J	81349	5-40	1A1A2R27
RC07GF273J	81349	5-45	1A1A9R52	RC07GF333J	81349	5-40	1A1A2R36
RC07GF273J	81349	5-45	1A1A9R63	RC07GF333J	81349	5-40	1A1A2R37
RC07GF273J	81349	5-45	1A1A9R68	RC07GF333J	81349	5-40	1A1A2R41
RC07GF273J	81349	5-45	1A1A9R79	RC07GF333J	81349	5-40	1A1A2R53
RC07GF331J	81349	5-39	1A1A1R9	RC07GF333J	81349	5-40	1A1A2R54
RC07GF331J	81349	5-39	1A1A1R10	RC07GF333J	81349	5-40	1A1A2R64
RC07GF331J	81349	5-38	1A1A1R17	RC07GF333J	81349	5-40	1A1A2R65
RC07GF331J	81349	5-44	1A1A8R28	RC07GF333J	81349	5-40	1A1A2R74
RC07GF331J	81349	5-44	1A1A8R33	RC07GF333J	81349	5-40	1A1A2R75
RC07GF331J	81349	5-45	1A1A9R1	RC07GF333J	81349	5-40	1A1A2R83
RC07GF331J	81349	5-45	1A1A9R28	RC07GF333J	81349	5-40	1A1A2R84
RC07GF331J	81349	5-45	1A1A9R32	RC07GF333J	81349	5-40	1A1A2R92
RC07GF331J	81349	5-45	1A1A9R33	RC07GF333J	81349	5-40	1A1A3R6
RC07GF331J	81349	5-45	1A1A9R34	RC07GF333J	81349	5-40	1A1A3R7
RC07GF331J	81349	5-45	1A1A9R83	RC07GF333J	81349	5-40	1A1A3R16
RC07GF332J	81349	5-11	1A1A22R30	RC07GF333J	81349	5-40	1A1A3R17
RC07GF332J	81349	5-12	1A1A23R43	RC07GF333J	81349	5-40	1A1A3R26
RC07GF332J	81349	5-42	1A1A6R28	RC07GF333J	81349	5-40	1A1A3R27
RC07GF332J	81349	5-44	1A1A8R31	RC07GF333J	81349	5-40	1A1A3R36
RC07GF332J	81349	5-46	1A1A10R3	RC07GF333J	81349	5-40	1A1A3R37
RC07GF332J	81349	5-46	1A1A10R11	RC07GF333J	81349	5-40	1A1A3R41
RC07GF332J	81349	5-46	1A1A10R27	RC07GF333J	81349	5-40	1A1A3R53
RC07GF332J	81349	5-48	1A1A12R18	RC07GF333J	81349	5-40	1A1A3R54
RC07GF332J	81349	5-48	1A1A12R22	RC07GF333J	81349	5-40	1A1A3R64
RC07GF332J	81349	5-48	1A1A12R26	RC07GF333J	81349	5-40	1A1A3R65
RC07GF332J	81349	5-48	1A1A12R30	RC07GF333J	81349	5-40	1A1A3R74
RC07GF332J	81349	5-48	1A1A12R34	RC07GF333J	81349	5-40	1A1A3R75
RC07GF332J	81349	5-48	1A1A13R18	RC07GF333J	81349	5-40	1A1A3R83
RC07GF332J	81349	5-48	1A1A13R22	RC07GF333J	81349	5-40	1A1A3R84
RC07GF332J	81349	5-48	1A1A13R26	RC07GF333J	81349	5-40	1A1A3R92
RC07GF332J	81349	5-48	1A1A13R30	RC07GF333J	81349	5-40	1A1A4R6
RC07GF332J	81349	5-48	1A1A13R34	RC07GF333J	81349	5-40	1A1A4R7
RC07GF332J	81349	5-48	1A1A14R18	RC07GF333J	81349	5-40	1A1A4R16
RC07GF332J	81349	5-48	1A1A14R22	RC07GF333J	81349	5-40	1A1A4R17
RC07GF332J	81349	5-48	1A1A14R26	RC07GF333J	81349	5-40	1A1A4R26
RC07GF332J	81349	5-48	1A1A14R30	RC07GF333J	81349	5-40	1A1A4R27
RC07GF332J	81349	5-48	1A1A14R34	RC07GF333J	81349	5-40	1A1A4R36
RC07GF332J	81349	5-48	1A1A15R18	RC07GF333J	81349	5-40	1A1A4R37
RC07GF332J	81349	5-48	1A1A15R22	RC07GF333J	81349	5-40	1A1A4R41
RC07GF332J	81349	5-48	1A1A15R26	RC07GF333J	81349	5-40	1A1A4R53

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RC07GF333J	81349	5-40	1A1A4R54	RC07GF333J	81349	5-48	1A1A16R56
RC07GF333J	81349	5-40	1A1A4R64	RC07GF333J	81349	5-48	1A1A16R57
RC07GF333J	81349	5-40	1A1A4R65	RC07GF333J	81349	5-48	1A1A16R66
RC07GF333J	81349	5-40	1A1A4R74	RC07GF333J	81349	5-48	1A1A16R67
RC07GF333J	81349	5-40	1A1A4R75	RC07GF333J	81349	5-48	1A1A16R77
RC07GF333J	81349	5-40	1A1A4R83	RC07GF333J	81349	5-48	1A1A16R78
RC07GF333J	81349	5-40	1A1A4R84	RC07GF333J	81349	5-49	1A1A17R8
RC07GF333J	81349	5-40	1A1A4R92	RC07GF333J	81349	5-49	1A1A17R9
RC07GF333J	81349	5-41	1A1A5R30	RC07GF333J	81349	5-49	1A1A18R8
RC07GF333J	81349	5-41	1A1A5R31	RC07GF333J	81349	5-49	1A1A18R9
RC07GF333J	81349	5-41	1A1A5R56	RC07GF333J	81349	5-50	1A1A19R8
RC07GF333J	81349	5-41	1A1A5R57	RC07GF333J	81349	5-50	1A1A19R9
RC07GF333J	81349	5-41	1A1A5R63	RC07GF390J	81349	5-59	1A1A1R20
RC07GF333J	81349	5-41	1A1A5R65	RC07GF391J	81349	5-43	1A1A7R16
RC07GF333J	81349	5-42	1A1A6R13	RC07GF391J	81349	5-45	1A1A9R29
RC07GF333J	81349	5-43	1A1A7R8	RC07GF391J	81349	5-51	1A1A20R18
RC07GF333J	81349	5-43	1A1A7R17	RC07GF391J	81349	5-55	1A2A2R23
RC07GF333J	81349	5-43	1A1A7R28	RC07GF391J	81349	5-55	1A2A2R32
RC07GF333J	81349	5-44	1A1A8R5	RC07GF391J	81349	5-55	1A2A2R37
RC07GF333J	81349	5-44	1A1A8R17	RC07GF392J	81349	5-40	1A1A2R43
RC07GF333J	81349	5-46	1A1A10R2	RC07GF392J	81349	5-40	1A1A2R89
RC07GF333J	81349	5-46	1A1A10R10	RC07GF392J	81349	5-40	1A1A3R43
RC07GF333J	81349	5-46	1A1A10R19	RC07GF392J	81349	5-40	1A1A3R89
RC07GF333J	81349	5-47	1A1A11R36	RC07GF392J	81349	5-40	1A1A4R43
RC07GF333J	81349	5-47	1A1A11R73	RC07GF392J	81349	5-40	1A1A4R89
RC07GF333J	81349	5-48	1A1A12R8	RC07GF392J	81349	5-42	1A1A6R9
RC07GF333J	81349	5-48	1A1A12R9	RC07GF392J	81349	5-42	1A1A6R15
RC07GF333J	81349	5-48	1A1A12R46	RC07GF392J	81349	5-44	1A1A8R14
RC07GF333J	81349	5-48	1A1A12R47	RC07GF392J	81349	5-44	1A1A8R45
RC07GF333J	81349	5-48	1A1A12R56	RC07GF392J	81349	5-46	1A1A10R17
RC07GF333J	81349	5-48	1A1A12R57	RC07GF392J	81349	5-46	1A1A10R33
RC07GF333J	81349	5-48	1A1A12R66	RC07GF392J	81349	5-46	1A1A10R40
RC07GF333J	81349	5-48	1A1A12R67	RC07GF392J	81349	5-51	1A1A20R17
RC07GF222J	81349	5-48	1A1A12R77	RC07GF470J	81349	5-41	1A1A5R43
RC07GF333J	81349	5-48	1A1A2R78	RC07GF470J	81349	5-55	1A2A2R22
RC07GF333J	81349	5-48	1A1A13R8	RC07GF470J	81349	5-55	1A2A2R31
RC07GF333J	81349	5-48	1A1A13R9	RC07GF471J	81349	5-47	1A1A11R7
RC07GF333J	81349	5-48	1A1A13R46	RC07GF471J	81349	5-47	1A1A11R12
RC07GF333J	81349	5-48	1A1A13R47	RC07GF471J	81349	5-47	1A1A11R44
RC07GF333J	81349	5-48	1A1A13R56	RC07GF471J	81349	5-47	1A1A11R49
RC07GF333J	81349	5-48	1A1A13R57	RC07GF471J	81349	5-50	1A1A19R47
RC07GF333J	81349	5-48	1A1A13R66	RC07GF471J	81349	5-53	1A2R16
RC07GF333J	81349	5-48	1A1A13R67	RC07GF471J	81349	5-55	1A2A2R12
RC07GF333J	81349	5-48	1A1A13R77	RC07GF471J	81349	5-55	1A2A2R38
RC07GF333J	81349	5-48	1A1A13R78	RC07GF472S	81349	5-40	1A1A2R1
RC07GF333J	81349	5-48	1A1A14R8	RC07GF472S	81349	5-40	1A1A2R80
RC07GF333J	81349	5-48	1A1A14R9	RC07GF472S	81349	5-40	1A1A3R1
RC07GF333J	81349	5-48	1A1A14R46	RC07GF472S	81349	5-40	1A1A3R80
RC07GF333J	81349	5-48	1A1A14R47	RC07GF472S	81349	5-40	1A1A4R1
RC07GF333J	81349	5-48	1A1A14R56	RC07GF472S	81349	5-40	1A1A4R80
RC07GF333J	81349	5-48	1A1A14R57	RC07GF472S	81349	5-41	1A1A5R3
RC07GF333J	81349	5-48	1A1A14R66	RC07GF472S	81349	5-41	1A1A5R27
RC07GF333J	81349	5-48	1A1A14R67	RC07GF472S	81349	5-41	1A1A5R29
RC07GF333J	81349	5-48	1A1A14R77	RC07GF472S	81349	5-41	1A1A5R32
RC07GF333J	81349	5-48	1A1A14R78	RC07GF472S	81349	5-41	1A1A5R39
RC07GF333J	81349	5-48	1A1A15R8	RC07GF472S	81349	5-41	1A1A5R48
RC07GF333J	81349	5-48	1A1A15R9	RC07GF472S	81349	5-42	1A1A6R10
RC07GF333J	81349	5-48	1A1A15R46	RC07GF472S	81349	5-42	1A1A6R11
RC07GF333J	81349	5-48	1A1A15R47	RC07GF472S	81349	5-42	1A1A6R12
RC07GF333J	81349	5-48	1A1A15R56	RC07GF472S	81349	5-42	1A1A6R16
RC07GF333J	81349	5-48	1A1A15R57	RC07GF472S	81349	5-42	1A1A6R19
RC07GF333J	81349	5-48	1A1A15R66	RC07GF472S	81349	5-42	1A1A6R32
RC07GF333J	81349	5-48	1A1A15R67	RC07GF472S	81349	5-42	1A1A6R34
RC07GF333J	81349	5-48	1A1A15R77	RC07GF472S	81349	5-42	1A1A6R35
RC07GF333J	81349	5-48	1A1A15R78	RC07GF472S	81349	5-42	1A1A6R36
RC07GF333J	81349	5-48	1A1A16R8	RC07GF472S	81349	5-42	1A1A6R39
RC07GF333J	81349	5-48	1A1A16R9	RC07GF472S	81349	5-42	1A1A6R42
RC07GF333J	81349	5-48	1A1A16R46	RC07GF472S	81349	5-42	1A1A6R45
RC07GF333J	81349	5-48	1A1A16R47	RC07GF472S	81349	5-42	1A1A6R51

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
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RC07GF472S	81349	5-43	1A1A7R37	RC07GF562J	81349	5-44	1A1A8R32
RC07GF472S	81349	5-44	1A1A8R6	RC07GF562J	81349	5-45	1A1A9R19
RC07GF472S	81349	5-44	1A1A8R7	RC07GF562J	81349	5-45	1A1A9R47
RC07GF472S	81349	5-44	1A1A8R10	RC07GF562J	81349	5-45	1A1A9R61
RC07GF472S	81349	5-44	1A1A8R18	RC07GF562J	81349	5-45	1A1A9R77
RC07GF472S	81349	5-45	1A1A9R2	RC07GF562J	81349	5-46	1A1A10R7
RC07GF472S	81349	5-45	1A1A9R30	RC07GF562J	81349	5-46	1A1A10R42
RC07GF472S	81349	5-45	1A1A9R31	RC07GF562J	81349	5-47	1A1A11R28
RC07GF472S	81349	5-46	1A1A10R16	RC07GF562J	81349	5-47	1A1A11R29
RC07GF472S	81349	5-45	1A1A10R20	RC07GF562J	81349	5-47	1A1A11R66
RC07GF472S	81349	5-46	1A1A10R46	RC07GF562J	81349	5-47	1A1A11R67
RC07GF472S	81349	5-46	1A1A10R47	RC07GF563J	81349	5-40	1A1A2R42
RC07GF472S	81349	5-47	1A1A11R26	RC07GF563J	81349	5-40	1A1A2R46
RC07GF472S	81349	5-47	1A1A11R63	RC07GF563J	81349	5-40	1A1A2R47
RC07GF472S	81349	5-48	1A1A12R62	RC07GF563J	81349	5-40	1A1A2R93
RC07GF472S	81349	5-48	1A1A12R82	RC07GF563J	81349	5-40	1A1A3R42
RC07GF472S	81349	5-48	1A1A13R62	RC07GF563J	81349	5-40	1A1A3R46
RC07GF472S	81349	5-48	1A1A13R82	RC07GF563J	81349	5-40	1A1A3R47
RC07GF472S	81349	5-48	1A1A14R62	RC07GF563J	81349	5-40	1A1A3R93
RC07GF472S	81349	5-48	1A1A14R82	RC07GF563J	81349	5-40	1A1A4R42
RC07GF472S	81349	5-48	1A1A15R62	RC07GF563J	81349	5-40	1A1A4R46
RC07GF472S	81349	5-48	1A1A15R82	RC07GF563J	81349	5-40	1A1A4R47
RC07GF472S	81349	5-48	1A1A16R62	RC07GF563J	81349	5-40	1A1A4R93
RC07GF472S	81349	5-48	1A1A16R82	RC07GF563J	81349	5-44	1A1A8R2
RC07GF472S	81349	5-49	1A1A17R62	RC07GF563J	81349	5-44	1A1A8R4
RC07GF472S	81349	5-49	1A1A17R82	RC07GF563J	81349	5-44	1A1A8R12
RC07GF472S	81349	5-49	1A1A18R62	RC07GF563J	81349	5-44	1A1A8R20
RC07GF472S	81349	5-49	1A1A18R82	RC07GF563J	81349	5-46	1A1A10R9
RC07GF472S	81349	5-50	1A1A19R52	RC07GF563J	81349	5-46	1A1A10R28
RC07GF472S	81349	5-53	1A2TB1R11	RC07GF563J	81349	5-48	1A1A12R74
RC07GF472S	81349	5-53	1A2TB1R13	RC07GF563J	81349	5-48	1A1A13R74
RC07GF472S	81349	5-55	1A2A2R10	RC07GF563J	81349	5-48	1A1A14R74
RC07GF472S	81349	5-55	1A2A2R15	RC07GF563J	81349	5-48	1A1A15R74
RC07GF472S	81349	5-55	1A2A2R40	RC07GF563J	81349	5-48	1A1A16R74
RC07GF473J	81349	5-41	1A1A5R5	RC07GF563J	81349	5-49	1A1A17R74
RC07GF473J	81349	5-41	1A1A5R6	RC07GF563J	81349	5-49	1A1A18R74
RC07GF473J	81349	5-41	1A1A5R13	RC07GF563J	81349	5-50	1A1A19R56
RC07GF473J	81349	5-41	1A1A5R14	RC07GF563J	81349	5-50	1A1A19R57
RC07GF473J	81349	5-41	1A1A5R21	RC07GF563J	81349	5-50	1A1A19R62
RC07GF473J	81349	5-41	1A1A5R22	RC07GF563J	81349	5-50	1A1A19R67
RC07GF473J	81349	5-41	1A1A5R36	RC07GF563J	81349	5-50	1A1A19R72
RC07GF473J	81349	5-43	1A1A7R10	RC07GF680J	81349	5-53	1A2R7
RC07GF473J	81349	5-43	1A1A7R23	RC07GF680J	81349	5-55	1A2A2R36
RC07GF473J	81349	5-43	1A1A7R24	RC07GF681J	81349	5-39	1A1A1R14
RC07GF473J	81349	5-43	1A1A7R32	RC07GF681J	81349	5-41	1A1A5R40
RC07GF511J	81349	5-45	1A1A9R6	RC07GF681J	81349	5-41	1A1A5R46
RC07GF560J	81349	5-36	1A1R49	RC07GF681J	81349	5-44	1A1A8R24
RC07GF560J	81349	5-53	1A2R7	RC07GF681J	81349	5-45	1A1A9R4
RC07GF561J	81349	5-45	1A1A9R10	RC07GF681J	81349	5-47	1A1A11R15
RC07GF561J	81349	5-46	1A1A10R25	RC07GF681J	81341	5-47	1A1A11R52
RC07GF561J	81349	5-47	1A1A11R21	RC07GF681J	81349	5-55	1A2A2R39
RC07GF561J	81349	5-47	1A1A11R58	RC07GF683J	81349	5-42	1A1A6R26
RC07GF561J	81349	5-54	1A2A1R1	RC07GF820J	81349	5-44	1A1A8R29
RC07GF561J	81349	5-57	1A3A1R11	RC07GF820J	81349	5-44	1A1A8R36
RC07GF561J	81349	5-57	1A3A1R12	RC07GF820J	81349	5-45	1A1A9R12
RC07GF562J	81349	5-40	1A1A2R22	RC07GF820J	81349	5-45	1A1A9R35
RC07GF562J	81349	5-40	1A1A2R69	RC07GF820J	81349	5-47	1A1A11R16
RC07GF562J	81349	5-40	1A1A3R22	RC07GF820J	81349	5-47	1A1A11R53
RC07GF562J	81349	5-40	1A1A3R69	RC07GF820J	81349	5-50	1A1A19R49
RC07GF562J	81349	5-40	1A1A4R22	RC07GF820J	81349	5-51	1A1A20R20
RC07GF562J	81349	5-40	1A1A4R69	RC07GF821J	81349	5-41	1A1A5R47
RC07GF562J	81349	5-41	1A1A5R35	RC07GF821J	81349	5-45	1A1A9R22
RC07GF562J	81349	5-41	1A1A5R60	RC07GF821J	81349	5-45	1A1A9R23
RC07GF562J	81349	5-41	1A1A5R61	RC07GF821J	81349	5-45	1A1A9R42
RC07GF562J	81349	5-42	1A1A6R24	RC07GF821J	81349	5-45	1A1A9R43
RC07GF562J	81349	5-42	1A1A6R54	RC07GF821J	81349	5-45	1A1A9R56
RC07GF562J	81349	5-43	1A1A7R6	RC07GF821J	81349	5-45	1A1A9R57
RC07GF562J	81349	5-43	1A1A7R35	RC07GF821J	81349	5-45	1A1A9R72

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
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RC07GF821J	81349	5-51	1A1A20R9	RC20GF101J	81349	5-52	1A2R47
RC07GF822S	81349	5-40	1A1A2R44	RE65G1R50	81349	5-36	1A1R50
RC07GF822S	81349	5-40	1A1A2R48	RG58CU	81349	1-1	1MP1W2W1
RC07GF822S	81349	5-40	1A1A2R49	RG58CU	81349	1-1	1MP1W4W1
RC07GF822S	81349	5-40	1A1A2R90	RG58CU	81349	1-1	1MP1WSW1
RC07GF822S	81349	5-40	1A1A3R44	RL07S241J	81349	5-53	1A2R2
RC07GF822S	81349	5-40	1A1A3R48	RL07S241J	81349	5-53	1A2R5
RC07GF822S	81349	5-40	1A1A3R49	RL20S101J	81349	5-44	1A1A8R21
RC07GF822S	81349	5-40	1A1A3R90	RL20S101J	81349	5-44	1A1A8R25
RC07GF822S	81349	5-40	1A1A4R44	RL20S102J	81349	5-46	1A1A10R5
RC07GF822S	81349	5-40	1A1A4R48	RL20S102J	81349	5-48	1A1A12R73
RC07GF822S	81349	5-40	1A1A4R49	RL20S120J	81349	5-48	1A1A12R81
RC07GF822S	81349	5-40	1A1A4R90	RL20S102J	81349	5-48	1A1A13R73
RC07GF822S	81349	5-41	1A1A5R41	RL20S102J	81349	5-48	1A1A13R81
RC07GF822S	81349	5-42	1A1A6R57	RL20S102J	81349	5-48	1A1A14R73
RC07GF822S	81349	5-43	1A1A7R4	RL20S102J	81349	5-48	1A1A14R81
RC07GF822S	81349	5-44	1A1A8R1	RL20S102J	81349	5-48	1A1A15R73
RC07GF822S	81349	5-44	1A1A8R3	RL20S102J	81349	5-48	1A1A15R81
RC07GF822S	81349	5-44	1A1A8R19	RL20S102J	81349	5-48	1A1A16R73
RC07GF822S	81349	5-45	1A1A9R5	RL20S102J	81349	5-48	1A1A16R81
RC07GF822S	81349	5-45	1A1A9R21	RL20S121J	81349	5-43	1A1A7R18
RC07GF822S	81349	5-45	1A1A9R24	RL20S121J	81349	5-47	1A1A11R22
RC07GF822S	81349	5-45	1A1A9R41	RL20S121J	81349	5-47	1A1A11R59
RC07GF822S	81349	5-45	1A1A9R45	RL20S121J	81349	5-50	1A1A19R46
RC07GF822S	81349	5-45	1A1A9R55	RL20S152J	81349	5-50	1A1A19R44
RC07GF822S	81349	5-45	1A1A9R59	RL20S181J	81349	5-44	1A1A8R41
RC07GF822S	81349	5-45	1A1A9R71	RL20S183J	81349	5-48	1A1A12R7
RC07GF822S	81349	5-45	1A1A9R75	RL20S183J	81349	5-48	1A1A12R10
RC07GF822S	81349	5-46	1A1A10R8	RL20S183J	81349	5-48	1A1A13R7
RC07GF822S	81349	5-46	1A1A10R32	RL20S183J	81349	5-48	1A1A13R10
RC07GF822S	81349	5-46	1A1A10R41	RL20S183J	81349	5-48	1A1A14R7
RC07GF822S	81349	5-48	1A1A12R42	RL20S183J	81349	5-48	1A1A14R10
RC07GF822S	81349	5-48	1A1A12R51	RL20S183J	81349	5-48	1A1A15R7
RC07GF822S	81349	5-48	1A1A12R75	RL20S183J	81349	5-48	1A1A15R10
RC07GF822S	81349	5-48	1A1A13R42	RL20S183J	81349	5-48	1A1A16R7
RC07GF822S	81349	5-48	1A1A13R51	RL20S183J	81349	5-48	1A1A16R10
RC07GF822S	81349	5-48	1A1A13R75	RL20S183J	81349	5-49	1A1A17R7
RC07GF822S	81349	5-48	1A1A14R42	RL20S183J	81349	5-49	1A1A17R10
RC07GF822S	81349	5-48	1A1A14R51	RL20S183J	81349	5-49	1A1A18R7
RC07GF822S	81349	5-48	1A1A14R75	RL20S183J	81349	5-49	1A1A18R10
RC07GF822S	81349	5-48	1A1A15R42	RL20S183J	81349	5-50	1A1A19R7
RC07GF822S	81349	5-48	1A1A15R51	RL20S183J	81349	5-50	1A1A19R10
RC07GF822S	81349	5-48	1A1A15R75	RL20S184J	81349	5-47	1A1A11R1
RC07GF822S	81349	5-48	1A1A16R42	RL20S184J	81349	5-47	1A1A11R38
RC07GF822S	81349	5-48	1A1A16R51	RL20S204J	81349	5-48	1A1A12R2
RC07GF822S	81349	5-48	1A1A16R75	RL20S204J	81349	5-48	1A1A12R3
RC07GF822S	81349	5-49	1A1A17R42	RL20S204J	81349	5-48	1A1A13R2
RC07GF822S	81349	5-49	1A1A17R44	RL20S204J	81349	5-48	1A1A13R3
RC07GF822S	81349	5-49	1A1A17R51	RL20S204J	81349	5-48	1A1A14R2
RC07GF822S	81349	5-49	1A1A17R52	RL20S204J	81349	5-48	1A1A14R3
RC07GF822S	81349	5-49	1A1A17R75	RL20S204J	81349	5-48	1A1A15R2
RC07GF822S	81349	5-49	1A1A18R42	RL20S204J	81349	5-48	1A1A15R3
RC07GF822S	81349	5-49	1A1A18R44	RL20S204J	81349	5-48	1A1A16R2
RC07GF822S	81349	5-49	1A1A18R51	RL20S204J	81349	5-48	1A1A16R3
RC07GF822S	81349	5-49	1A1A18R52	RL20S204J	81349	5-49	1A1A17R2
RC07GF822S	81349	5-49	1A1A18R75	RL20S204J	81349	5-49	1A1A17R3
RC07GF822S	81349	5-50	1A1A19R42	RL20S204J	81349	5-49	1A1A18R2
RC07GF822S	81349	5-50	1A1A19R51	RL20S204J	81349	5-49	1A1A18R3
RC07GF822S	81349	5-50	1A1A19R55	RL20S204J	81349	5-50	1A1A19R2
RC07GF822S	81349	5-50	1A1A19R59	RL20S204J	81349	5-50	1A1A19R3
RC07GF822S	81349	5-50	1A1A19R64	RL20S204J	81349	5-51	1A1A20R11
RC07GF822S	81349	5-50	1A1A19R69	RL20S221J	81349	5-44	1A1A8R37
RC07GF822S	81349	5-50	1A1A19R74	RL20S221J	81349	5-57	1A3A1R4
RC07GF823J	81349	5-46	1A1A10R34	RL20S271J	81349	5-46	1A1A10R23
RC07GF823J	81349	5-46	1A1A10R35	RL20S331J	81349	5-42	1A1A6R56
RC07GF823J	81349	5-46	1A1A10R37	RL20S331J	81349	5-51	1A1A20R12
RC07GF823J	81349	5-46	1A1A10R38	RL20S391J	81349	5-45	1A1A9R81
RC07GF824J	81349	5-47	1A1A11R2	RL20S470J	81349	5-44	1A1A8R38

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION(CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
RL20S471J	81349	5-41	1A1A5R28	RL42S303G	81349	5-50	1A1A19R4
RL20S471J	81349	5-41	1A1A5R33	RL42S431J	81349	5-57	1A3A1R3
RL20S471J	81349	5-42	1A1A6R53	RL42S561J	81349	5-44	1A1A8R39
RL20S471J	81349	5-43	1A1A7R26	RL42S620J	81349		1A2R1
RL20S471J	81349	5-45	1A1A9R3	RLR07620GR	81349	5-53	1A2R3
RL20S471J	81349	5-50	1A1A19R54	RLR07620GR	81349	5-53	1A2R4
RL20S561J	81349	5-42	1A1A6R30	RLR07620GR	81349	5-53	1A2R6
RL20S561J	81349	5-42	1A1A6R31	RN60D1103F	81349	5-11	1A1A22R24
RL20S561J	81349	5-46	1A1A10R4	RN60D1103F	81349	5-12	1A1A23R37
RL20S561J	81349	5-50	1A1A19R50	RN60D1151F	81349	5-39	1A1A1R18
RL20S622J	81349	5-48	1A1A12R5	RN60D1211F	81349	5-39	1A1A1R19
RL20S622J	81349	5-48	1A1A12R6	RN60D2051F	81349	5-44	1A1A8R26
RL20S622J	81349	5-48	1A1A13R5	RN60D2611F	81349	5-44	1A1A8R27
RL20S622J	81349	5-48	1A1A13R6	RN60D4020F	81349	5-47	1A1A11R19
RL20S622J	81349	5-48	1A1A14R5	RN60D4020F	81349	5-47	1A1A11R56
RL20S622J	81349	5-48	1A1A14R6	RN60D4220F	81349	5-39	1A1A1R11
RL20S622J	81349	5-48	1A1A15R5	RN60D4220F	81349	5-39	1A1A1R12
RL20S622J	81349	5-48	1A1A15R6	RN60D5113F	81349	5-11	1A1A22R22
RL20S622J	81349	5-48	1A1A16R5	RN60D5113F	81349	5-12	1A1A23R35
RL20S622J	81349	5-48	1A1A16R6	RN60D5360F	81349	5-47	1A1A11R8
RL20S622J	81349	5-49	1A1A17R5	RN60D5360F	81349	5-47	1A1A11R45
RL20S622J	81349	5-49	1A1A17R6	RN60D6813F	81349	5-11	1A1A22R21
RL20S622J	81349	5-49	1A1A18R5	RN60D6813F	81349	5-12	1A1A23R34
RL20S622J	81349	5-49	1A1A18R6	RN60D9093F	81349	5-10	1A1A2R2
RL20S622J	81349	5-50	1A1A19R5	RN65D1104F	81349	5-51	1A1A20R10
RL20S622J	81349	5-50	1A1A19R6	RN65D5600F	81349	5-57	1A3A1R7
RL20S681J	81349	5-44	1A1A8R43	RN65D6810F	81349	5-57	1A3A1R8
RL20S681J	81349	5-46	1A1A10R30	RN70D1004F	81349	5-11	1A1A22R27
RL20S681J	81349	5-46	1A1A10R48	RN70D1004F	81349	5-11	1A1A22R29
RL20S681J	81349	5-49	1A1A17R73	RN70D1004F	81349	5-11	1A1A22R31
RL20S681J	81349	5-49	1A1A17R81	RN70D1004F	81349	5-12	1A1A23R40
RL20S681J	81349	5-49	1A1A18R73	RN70D1004F	81349	5-12	1A1A23R42
RL20S681J	81349	5-49	1A1A18R81	RN70D1004F	81349	5-12	1A1A23R44
RL20S820J	81349	5-47	1A1A11R18	RN70D9093F	81349	5-11	1A1A22R23
RL20S820J	81349	5-47	1A1A11R55	RN70D9093F	81349	5-12	1A1A23R36
RL20S821J	81349	5-46	1A1A10R26	RN70D9763F	81349	5-11	1A1A22R25
RL32S102J	81349	5-44	1A1A8R40	RN70D9763F	81349	5-12	1A1A23R38
RL32S104J	81349	5-39	1A1A1R2	RV4LAYS252A	81349	5-52	1A2R46
RL32S121J	81349	5-46	1A1A10R52	RW67V1R5	81349	5-57	1A3A1R1
RL32S121J	81349	5-51	1A1A20R8	RW69V1R5	81349	5-39	1A1A1R15
RL32S271J	81349	5-44	1A1A8R44	RW69V750	81349	5-45	1A1A9R13
RL32S330J	81349	5-46	1A1A10R6	R5C-1WD1G	49956	5-9	1A1MP8
RL32S391J	81349	5-46	1A1A10R29	R5C-1WD1G	49956	5-9	1A1MP9
RL32S391J	81349	5-46	1A1A10R45	SELECTED	81349	5-20	1A2C14
RL32S431J	81349	5-44	1A1A8R35	SSF	08730		1MP12MP1MP2
RL32S471J	81349	5-44	1A1A8R23	SSF	08730		1MP12MP2MP2
RL32S510J	81349	5-39	1A1A1R3	SS8	08730		1MP12MP1MP1
RL32S680J	81349	5-41	1A1A5R51	SS8	08730		1MP12MP2MP1
RL42S101J	81349	5-39	1A1A1R1	ST6212-1	03877	5-44	1A1A8Q13
RL42S101J	81349	5-39	1A1A1R5	ST6212-1	03877	5-45	1A1A9Q3
RL42S150J	81349	5-39	1A1A1R4	ST6212-1	03877	5-45	1A1A9Q4
RL42S152J	81349	5-43	1A1A7R40	ST6212-1	03877	5-45	1A1A9Q6
RL42S181J	81349	5-41	1A1A5R50	ST6212-1	03877	5-45	1A1A9Q7
RL42S221J	81349	5-57	1A3A1R5	ST6212-1	03877	5-45	1A1A9Q8
RL42S303G	81349	5-48	1A1A12R1	ST6212-1	03877	5-45	1A1A9Q9
RL42S303G	81349	5-48	1A1A12R4	ST6212-1	03877	5-55	1A2A2Q3
RL42S303G	81349	5-48	1A1A13R1	ST6212-1	03877	5-55	1A2A2Q4
RL42S303G	81349	5-48	1A1A13R4	ST6212-1	03877	5-55	1A2A2Q5
RL42S303G	81349	5-48	1A1A14R1	ST6212-1	03877	5-55	1A2A2Q6
RL42S303G	81349	5-48	1A1A14R4	ST6212-2	24624	5-45	1A1A9Q2
RL42S303G	81349	5-48	1A1A15R1	UG1035U	81349	1-1	1MP1CP5
RL42S303G	81349	5-48	1A1A15R4	UG1035U	81349	1-1	1MP1CP6
RL42S303G	81349	5-48	1A1A16R4	UG255U	81349	1-1	1MP1CP1
RL42S303G	81349	5-48	1A1A16R4	UG255U	81349	1-1	1MP1CP2
RL42S303G	81349	5-49	1A1A17R1	UG273U	81349	1-1	1MP1CP3
RL42S303G	81349	5-49	1A1A17R4	UG273U	81349	1-1	1MP1CP4
RL42S303G	81349	5-49	1A1A18R1	UP131M	81349		1MP1W1P2
RL42S303G	81349	5-49	1A1A18R4	VR3	90201		1A3MP10
RL42S303G	81349	5-50	1A1A19R1	WG201	95987		1A1MP19

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
01-1101-1758	12881		1MP3MP13	1N276	81349	5-40	1A1A4CR16
01-1101-1758	12881		1MP3MP14	1N276	81349	5-40	1A1A4CR17
1-4-4-140	95987		1A1MP38	1N276	81349	5-40	1A1A4CR17
1-4-4-140	95987		1A1MP46	1N276	81349	5-40	1A1A4CR18
1-8-4-128	95987		1A1MP47	1N276	81349	5-40	1A1A4CR19
1N276	81349	5-10	1A1A21CR1	1N276	81349	5-40	1A1A4CR20
1N276	81349	5-40	1A1A2CR1	1N276	81349	5-40	1A1A4CR21
1N276	81349	5-40	1A1A2CR2	1N276	81349	5-40	1A1A4CR22
1N276	81349	5-40	1A1A2CR3	1N276	81349	5-40	1A1A4CR23
1N276	81349	5-40	1A1A2CR4	1N276	81349	5-40	1A1A4CR24
1N276	81349	5-40	1A1A2CR5	1N276	81349	5-41	1A1A5CR1
1N276	81349	5-40	1A1A2CR6	1N276	81349	5-41	1A1A5CR4
1N276	81349	5-40	1A1A2CR7	1N276	81349	5-41	1A1A5CR5
1N276	81349	5-40	1A1A2CR8	1N276	81349	5-41	1A1A5CR10
1N276	81349	5-40	1A1A2CR9	1N276	81349	5-41	1A1A5CR11
1N276	81349	5-40	1A1A2CR10	1N276	81349	5-41	1A1A5CR14
1N276	81349	5-40	1A1A2CR11	1N276	81349	5-41	1A1A5CR15
1N276	81349	5-40	1A1A2CR12	1N276	81349	5-41	1A1A5CR18
1N276	81349	5-40	1A1A2CR13	1N276	81349	5-41	1A1A5CR19
1N276	81349	5-40	1A1A2CR14	1N276	81349	5-41	1A1A5CR23
1N276	81349	5-40	1A1A2CR15	1N276	81349	5-43	1A1A7CR1
1N276	81349	5-40	1A1A2CR16	1N276	81349	5-43	1A1A7CR2
1N276	81349	5-40	1A1A2CR17	1N276	81349	5-43	1A1A7CR3
1N276	81349	5-40	1A1A2CR18	1N276	81349	5-43	1A1A7CR4
1N276	81349	5-40	1A1A2CR19	1N276	81349	5-43	1A1A7CR6
1N276	81349	5-40	1A1A2CR20	1N276	81349	5-43	1A1A7CR9
1N276	81349	5-40	1A1A2CR21	1N276	81349	5-43	1A1A7CR11
1N276	81349	5-40	1A1A2CR22	1N276	81349	5-43	1A1A7CR22
1N276	81349	5-40	1A1A2CR23	1N276	81349	5-43	1A1A7CR23
1N276	81349	5-40	1A1A2CR24	1N276	81349	5-44	1A1A8CR1
1N276	81349	5-40	1A1A3CR1	1N276	81349	5-44	1A1A8CR2
1N276	81349	5-40	1A1A3CR2	1N276	81349	5-44	1A1A8CR3
1N276	81349	5-40	1A1A3CR3	1N276	81349	5-44	1A1A8CR4
1N276	81349	5-40	1A1A3CR4	1N276	81349	5-44	1A1A8CR5
1N276	81349	5-40	1A1A3CR5	1N276	81349	5-44	1A1A8CR6
1N276	81349	5-40	1A1A3CR6	1N276	81349	5-44	1A1A8CR7
1N276	81349	5-40	1A1A3CR7	1N276	81349	5-46	1A1A10CR1
1N276	81349	5-40	1A1A3CR8	1N276	81349	5-46	1A1A10CR2
1N276	81349	5-40	1A1A3CR9	1N276	81349	5-46	1A1A10CR3
1N276	81349	5-40	1A1A3CR10	1N276	81349	5-46	1A1A10CR4
1N276	81349	5-40	1A1A3CR11	1N276	81349	5-46	1A1A10CR6
1N276	81349	5-40	1A1A3CR12	1N276	81349	5-46	1A1A10CR7
1N276	81349	5-40	1A1A3CR13	1N276	81349	5-46	1A1A10CR8
1N276	81349	5-40	1A1A3CR14	1N276	81349	5-46	1A1A10CR9
1N276	81349	5-40	1A1A3CR15	1N276	81349	5-47	1A1A11CR5
1N276	81349	5-40	1A1A3CR16	1N276	81349	5-47	1A1A11CR6
1N276	81349	5-40	1A1A3CR17	1N276	81349	5-47	1A1A11CR8
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1N276	81349	5-40	1A1A3CR19	1N276	81349	5-47	1A1A11CR10
1N276	81349	5-40	1A1A3CR20	1N276	81349	5-47	1A1A11CR15
1N276	81349	5-40	1A1A3CR21	1N276	81349	5-47	1A1A11CR16
1N276	81349	5-40	1A1A3CR22	1N276	81349	5-47	1A1A11CR18
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1N276	81349	5-40	1A1A3CR24	1N276	81349	5-47	1A1A11CR20
1N276	81349	5-40	1A1A4CR1	1N276	81349	5-48	1A1A12CR1
1N276	81349	5-40	1A1A4CR2	1N276	81349	5-48	1A1A12CR2
1N276	81349	5-40	1A1A4CR3	1N276	81349	5-48	1A1A12CR3
1N276	81349	5-40	1A1A4CR4	1N276	81349	5-48	1A1A12CR4
1N276	81349	5-40	1A1A4CR5	1N276	81349	5-48	1A1A12CR5
1N276	81349	5-40	1A1A4CR6	1N276	81349	5-48	1A1A12CR6
1N276	81349	5-40	1A1A4CR7	1N276	81349	5-48	1A1A12CR7
1N276	81349	5-40	1A1A4CR8	1N276	81349	5-48	1A1A12CR8
1N276	81349	5-40	1A1A4CR9	1N276	81349	5-48	1A1A12CR9
1N276	81349	5-40	1A1A4CR10	1N276	81349	5-48	1A1A12CR10
1N276	81349	5-40	1A1A4CR11	1N276	81349	5-48	1A1A12CR11
1N276	81349	5-40	1A1A4CR12	1N276	81379	5-48	1A1A12CR12
1N276	81349	5-40	1A1A4CR13	1N276	81349	5-48	1A1A12CR13
1N276	81349	5-40	1A1A4CR14	1N276	81349	5-48	1A1A12CR14
1N276	81349	5-40	1A1A4CR15	1N276	81349	5-48	1A1A12CR15

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
1N276	81349	5-48	1A1A12CR16	1N276	81349	5-48	1A1A15CR7
1N276	81349	5-48	1A1A12CR18	1N276	81349	5-48	1A1A15CR8
1N276	81349	5-48	1A1A12CR21	1N276	81349	5-48	1A1A15CR9
1N276	81349	5-48	1A1A12CR24	1N276	81349	5-48	1A1A15CR10
1N276	81349	5-48	1A1A12CR27	1N276	81349	5-48	1A1A15CR11
1N276	81349	5-48	1A1A12CR28	1N276	81349	5-48	1A1A15CR12
1N276	81349	5-48	1A1A12CR29	1N276	81349	5-48	1A1A15CR13
1N276	81349	5-48	1A1A12CR32	1N276	81349	5-48	1A1A15CR14
1N276	81349	5-48	1A1A12CR35	1N276	81349	5-48	1A1A15CR15
1N276	81349	5-48	1A1A12CR38	1N276	81349	5-48	1A1A15CR16
1N276	81349	5-48	1A1A12CR41	1N276	81349	5-48	1A1A15CR18
1N276	81349	5-48	1A1A13CR1	1N276	81349	5-48	1A1A15CR21
1N276	81349	5-48	1A1A13CR2	1N276	81349	5-48	1A1A15CR24
1N276	81349	5-48	1A1A13CR3	1N276	81349	5-48	1A1A15CR27
1N276	81349	5-48	1A1A13CR4	1N276	81349	5-48	1A1A15CR28
1N276	81349	5-48	1A1A13CR5	1N276	81349	5-48	1A1A15CR29
1N276	81349	5-48	1A1A13CR6	1N276	81349	5-48	1A1A15CR32
1N276	81349	5-48	1A1A13CR7	1N276	81349	5-48	1A1A15CR35
1N276	81349	5-48	1A1A13CR8	1N276	81349	5-48	1A1A15CR38
1N276	81349	5-48	1A1A13CR9	1N276	81349	5-48	1A1A15CR41
1N276	81349	5-48	1A1A13CR10	1N276	81349	5-48	1A1A16CR1
1N276	81349	5-48	1A1A13CR11	1N276	81349	5-48	1A1A16CR2
1N276	81349	5-48	1A1A13CR12	1N276	81349	5-48	1A1A16CR3
1N276	81349	5-48	1A1A13CR13	1N276	81349	5-48	1A1A16CR4
1N276	81349	5-48	1A1A13CR14	1N276	81349	5-48	1A1A16CR5
1N276	81349	5-48	1A1A13CR15	1N276	81349	5-48	1A1A16CR6
1N276	81349	5-48	1A1A13CR16	1N276	81349	5-48	1A1A16CR7
1N276	81349	5-48	1A1A13CR18	1N276	81349	5-48	1A1A16CR8
1N276	81349	5-48	1A1A13CR21	1N276	81349	5-48	1A1A16CR9
1N276	81349	5-48	1A1A13CR24	1N276	81349	5-48	1A1A16CR10
1N276	81349	5-48	1A1A13CR27	1N276	81349	5-48	1A1A16CR11
1N276	81349	5-48	1A1A13CR28	1N276	81349	5-48	1A1A16CR12
1N276	81349	5-48	1A1A13CR29	1N276	81349	5-48	1A1A16CR13
1N276	81349	5-48	1A1A13CR32	1N276	81349	5-48	1A1A16CR14
1N276	81349	5-48	1A1A13CR35	1N276	81349	5-48	1A1A16CR15
1N276	81349	5-48	1A1A13CR38	1N276	81349	5-48	1A1A16CR16
1N276	81349	5-48	1A1A13CR41	1N276	81349	5-48	1A1A16CR18
1N276	81349	5-48	1A1A14CR1	1N276	81349	5-48	1A1A16CR21
1N276	81349	5-48	1A1A14CR2	1N276	81349	5-48	1A1A16CR24
1N276	81349	5-48	1A1A14CR3	1N276	81349	5-48	1A1A16CR27
1N276	81349	5-48	1A1A14CR4	1N276	81349	5-48	1A1A16CR28
1N276	81349	5-48	1A1A14CR5	1N276	81349	5-48	1A1A16CR29
1N276	81349	5-48	1A1A14CR6	1N276	81349	5-48	1A1A16CR32
1N276	81349	5-48	1A1A14CR7	1N276	81349	5-48	1A1A16CR35
1N276	81349	5-48	1A1A14CR8	1N276	81349	5-48	1A1A16CR38
1N276	81349	5-48	1A1A14CR9	1N276	81349	5-48	1A1A16CR41
1N276	81349	5-48	1A1A14CR10	1N276	81349	5-49	1A1A17CR1
1N276	81349	5-48	1A1A14CR11	1N276	81349	5-49	1A1A17CR2
1N276	81349	5-48	1A1A14CR12	1N276	81349	5-49	1A1A17CR3
1N276	81349	5-48	1A1A14CR13	1N276	81349	5-49	1A1A17CR4
1N276	81349	5-48	1A1A14CR14	1N276	81349	5-49	1A1A17CR5
1N276	81349	5-48	1A1A14CR15	1N276	81349	5-49	1A1A17CR6
1N276	81349	5-48	1A1A14CR16	1N276	81349	5-49	1A1A17CR7
1N276	81349	5-48	1A1A14CR18	1N276	81349	5-49	1A1A17CR8
1N276	81349	5-48	1A1A14CR21	1N276	81349	5-49	1A1A17CR9
1N276	81349	5-48	1A1A14CR24	1N276	81349	5-49	1A1A17CR10
1N276	81349	5-48	1A1A14CR27	1N276	81349	5-49	1A1A17CR11
1N276	81349	5-48	1A1A14CR28	1N276	81349	5-49	1A1A17CR12
1N276	81349	5-48	1A1A14CR29	1N276	81349	5-49	1A1A17CR13
1N276	81349	5-48	1A1A14CR32	1N276	81349	5-49	1A1A17CR14
1N276	81349	5-48	1A1A14CR35	1N276	81349	5-49	1A1A17CR15
1N276	81349	5-48	1A1A14CR38	1N276	81349	5-49	1A1A17CR16
1N276	81349	5-48	1A1A14CR41	1N276	81349	5-49	1A1A18CR1
1N276	81349	5-48	1A1A15CR1	1N276	81349	5-49	1A1A18CR2
1N276	81349	5-48	1A1A15CR2	1N276	81349	5-49	1A1A18CR3
1N276	81349	5-48	1A1A15CR3	1N276	81349	5-49	1A1A18CR4
1N276	81349	5-48	1A1A15CR4	1N276	81349	5-49	1A1A18CR5
1N276	81349	5-48	1A1A15CR5	1N276	81349	5-49	1A1A18CR6
1N276	81349	5-48	1A1A15CR6	1N276	81349	5-49	1A1A18CR7

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
1N276	81349	5-49	1A1A18CR8	1N3064	81349	5-41	1A1A5CR13
1N276	81349	5-49	1A1A18CR9	1N3064	81349	5-41	1A1A5CR16
1N276	81349	5-49	1A1A18CR10	1N3064	81349	5-41	1A1A5CR17
1N276	81349	5-49	1A1A18CR11	1N3064	81349	5-41	1A1A5CR20
1N276	81349	5-49	1A1A18CR12	1N3064	81349	5-41	1A1A5CR21
1N276	81349	5-49	1A1A18CR13	1N3064	81349	5-41	1A1A5CR22
1N276	81349	5-49	1A1A18CR14	1N3064	81349	5-42	1A1A6CR1
1N276	81349	5-49	1A1A18CR15	1N3064	81349	5-42	1A1A6CR2
1N276	81349	5-49	1A1A18CR16	1N3064	81349	5-42	1A1A6CR3
1N276	81349	5-50	1A1A19CR1	1N3064	81349	5-42	1A1A6CR4
1N276	81349	5-50	1A1A19CR2	1N3064	81349	5-42	1A1A6CR6
1N276	81349	5-50	1A1A19CR3	1N3064	81349	5-42	1A1A6CR7
1N276	81349	5-50	1A1A19CR4	1N3064	81349	5-42	1A1A6CR8
1N276	81349	5-50	1A1A19CR5	1N3064	81349	5-42	1A1A6CR9
1N276	81349	5-50	1A1A19CR6	1N3064	81349	5-42	1A1A6CR10
1N276	81349	5-50	1A1A19CR7	1N3064	81349	5-42	1A1A6CR11
1N276	81349	5-50	1A1A19CR8	1N3064	81349	5-42	1A1A6CR12
1N276	81349	5-50	1A1A19CR9	1N3064	81349	5-43	1A1A7CR5
1N276	81349	5-50	1A1A19CR10	1N3064	81349	5-44	1A1A8CR8
1N276	81349	5-50	1A1A19CR11	1N3064	81349	5-44	1A1A8CR9
1N276	81349	5-50	1A1A19CR12	1N3064	81349	5-45	1A1A9CR12
1N276	81349	5-50	1A1A19CR13	1N3064	81349	5-45	1A1A9CR14
1N276	81349	5-50	1A1A19CR14	1N3064	81349	5-45	1A1A9CR15
1N276	81349	5-50	1A1A19CR15	1N3064	81349	5-45	1A1A9CR17
1N276	81349	5-50	1A1A19CR16	1N3064	81349	5-45	1A1A9CR28
1N483B	81349	5-39	1A1A1CR15	1N3064	81349	5-45	1A1A9CR31
1N483B	81349	5-39	1A1A1CR16	1N3064	81349	5-45	1A1A9CR41
1N483B	81349	5-43	1A1A7CR7	1N3064	81349	5-45	1A1A9CR44
1N483B	81349	5-43	1A1A7CR10	1N3064	81349	5-45	1A1A9CR55
1N483B	81349	5-43	1A1A7CR21	1N3064	81349	5-45	1A1A9CR58
1N483B	81349	5-45	1A1A9CR7	1N3064	81349	5-46	1A1A10CR11
1N485B	81349	5-43	1A1A7CR12	1N3064	81349	5-46	1A1A10CR12
1N485B	81349	5-43	1A1A7CR13	1N3064	81349	5-46	1A1A10CR13
1N485B	81349	5-43	1A1A7CR14	1N3064	81349	5-46	1A1A10CR14
1N485B	81349	5-43	1A1A7CR15	1N3064	81349	5-46	1A1A10CR15
1N485B	81349	5-43	1A1A7CR16	1N3064	81349	5-46	1A1A10CR16
1N485B	81349	5-43	1A1A7CR17	1N3064	81349	5-46	1A1A10CR17
1N485B	81349	5-43	1A1A7CR18	1N3064	81349	5-46	1A1A10CR18
1N485B	81349	5-43	1A1A7CR19	1N3064	81349	5-46	1A1A10CR19
1N485B	81349	5-43	1A1A7CR20	1N3064	81349	5-46	1A1A10CR20
1N745A	81349	5-46	1A1A10CR5	1N3064	81349	5-46	1A1A10CR22
1N746A	81349	5-50	1A1A19CR19	1N3064	81349	5-46	1A1A10CR23
1N746A	81349	5-51	1A1A20CR7	1N3064	81349	5-47	1A1A11CR4
1N748A	81349	5-44	1A1A8CR10	1N3064	81349	5-47	1A1A11CR7
1N752A	81349	5-39	1A1A1CR14	1N3064	81349	5-47	1A1A11CR14
1N752A	81349	5-57	1A3A1CR6	1N3064	81349	5-47	1A1A11CR17
1N752A	81349	5-57	1A3A1CR7	1N3064	81349	5-49	1A1A17CR17
1N753A	81349	5-47	1A1A11CR1	1N3064	81349	5-49	1A1A17CR18
1N753A	81349	5-47	1A1A11CR11	1N3064	81349	5-49	1A1A17CR19
1N754A	81349	5-50	1A1A20CR5	1N3064	81349	5-49	1A1A17CR20
1N755A	81349	5-39	1A1A1CR13	1N3064	81349	5-49	1A1A17CR21
1N755A	81349	5-47	1A1A11CR2	1N3064	81349	5-49	1A1A17CR22
1N755A	81349	5-47	1A1A11CR3	1N3064	81349	5-49	1A1A17CR23
1N755A	81349	5-47	1A1A11CR12	1N3064	81349	5-49	1A1A17CR24
1N755A	81349	5-47	1A1A11CR13	1N3064	81349	5-49	1A1A17CR25
1N831M	81349	5-53	1A2TB1CR1	1N3064	81349	5-49	1A1A17CR26
1N831M	81349	5-53	1A2TB1CR2	1N3064	81349	5-49	1A1A17CR27
1N1124A	81349	5-36	1A1CR1	1N3064	81349	5-49	1A1A17CR28
1N1124A	81349	5-36	1A1CR2	1N3064	81349	5-49	1A1A17CR29
1N1124A	81349	5-36	1A1CR3	1N3064	81349	5-49	1A1A17CR30
1N1124A	81349	5-36	1A1CR4	1N3064	81349	5-49	1A1A17CR31
1N3064	81349	5-36	1A1CR5	1N3064	81349	5-49	1A1A17CR32
1N3064	81349	5-41	1A1A5CR2	1N3064	81349	5-49	1A1A17CR33
1N3064	81349	5-41	1A1A5CR3	1N3064	81349	5-49	1A1A17CR34
1N3064	81349	5-41	1A1A5CR6	1N3064	81349	5-49	1A1A17CR35
1N3064	81349	5-41	1A1A5CR7	1N3064	81349	5-49	1A1A17CR36
1N3064	81349	5-41	1A1A5CR8	1N3064	81349	5-49	1A1A17CR37
1N3064	81349	5-41	1A1A5CR9	1N3064	81349	5-49	1A1A17CR38
1N3064	81349	5-41	1A1A5CR12	1N3064	81349	5-49	1A1A17CR39

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
1N3064	81349	5-49	1A1A17CR40	1N4524	81349	5-45	1A1A9CR23
1N3064	81349	5-49	1A1A17CR41	1N4524	81349	5-45	1A1A9CR24
1N3064	81349	5-49	1A1A17CR42	1N4524	81349	5-45	1A1A9CR25
1N3064	81349	5-49	1A1A18CR17	1N4524	81349	5-45	1A1A9CR26
1N3064	81349	5-49	1A1A18CR18	1N4524	81349	5-45	1A1A9CR27
1N3064	81349	5-49	1A1A18CR19	1N4524	81349	5-45	1A1A9CR29
1N3064	81349	5-49	1A1A18CR20	1N4524	81349	5-45	1A1A9CR30
1N3064	81349	5-49	1A1A18CR21	1N4524	81349	5-45	1A1A9CR34
1N3064	81349	5-49	1A1A18CR22	1N4524	81349	5-45	1A1A9CR35
1N3064	81349	5-49	1A1A18CR23	1N4524	81349	5-45	1A1A9CR36
1N3064	81349	5-49	1A1A18CR24	1N4524	81349	5-45	1A1A9CR37
1N3064	81349	5-49	1A1A18CR25	1N4524	81349	5-45	1A1A9CR38
1N3064	81349	5-49	1A1A18CR26	1N4524	81349	5-45	1A1A9CR39
1N3064	81349	5-49	1A1A18CR27	1N4524	81349	5-45	1A1A9CR40
1N3064	81349	5-49	1A1A18CR28	1N4524	81349	5-45	1A1A9CR42
1N3064	81349	5-49	1A1A18CR29	1N4524	81349	5-45	1A1A9CR43
1N3064	81349	5-49	1A1A18CR30	1N4524	81349	5-45	1A1A9CR47
1N3064	81349	5-49	1A1A18CR31	1N4524	81349	5-45	1A1A9CR48
1N3064	81349	5-49	1A1A18CR32	1N4524	81349	5-45	1A1A9CR49
1N3064	81349	5-49	1A1A18CR33	1N4524	81349	5-45	1A1A9CR50
1N3064	81349	5-49	1A1A18CR34	1N4524	81349	5-45	1A1A9CR51
1N3064	81349	5-49	1A1A18CR35	1N4524	81349	5-45	1A1A9CR52
1N3064	81349	5-49	1A1A18CR36	1N4524	81349	5-45	1A1A9CR53
1N3064	81349	5-49	1A1A18CR37	1N4524	81349	5-45	1A1A9CR54
1N3064	81349	5-49	1A1A18CR38	1N4524	81349	5-45	1A1A9CR56
1N3064	81349	5-49	1A1A18CR39	1N4524	81349	5-45	1A1A9CR57
1N3064	81349	5-49	1A1A18CR40	1N4524	81349	5-45	1A1A9CR61
1N3064	81349	5-49	1A1A18CR41	1N4524	81349	5-45	1A1A9CR62
1N3064	81349	5-49	1A1A18CR42	1N4524	81349	5-45	1A1A9CR63
1N3064	81349	5-50	1A1A19CR17	1N4524	81349	5-45	1A1A9CR64
1N3064	81349	5-50	1A1A19CR18	1N4524	81349	5-46	1A1A10CR10
1N3064	81349	5-51	1A1A20CR6	1N4524	81349	5-46	1A1A10CR21
1N3064	81349	5-54	1A2A1CR1	1N4524	81349	5-55	1A2A2CR1
1N3064	81349	5-54	1A2A1CR2	10-377	12881		1A2MP4
1N3064	81349	5-55	1A2A2CR8	10B587	13058	5-37	1A1E19H1
1N3189	81349	5-39	1A1A1CR5	10001N	07047	5-39	1A1A1MP5
1N3189	81349	5-39	1A1A1CR6	10001N	07047	5-39	1A1A1MP6
1N3189	81349	5-39	1A1A1CR7	10001N	07047	5-39	1A1A1MP7
1N3189	81349	5-39	1A1A1CR8	10001N	07047	5-39	1A1A1MP8
1N3189	81349	5-39	1A1A1CR9	10001N	07047	5-39	1A1A1MP9
1N3189	81349	5-39	1A1A1CR10	10001N	07047	5-40	1A1A2MP1
1N3189	81349	5-39	1A1A1CR11	10001N	07047	5-40	1A1A2MP2
1N3189	81349	5-39	1A1A1CR12	10001N	07047	5-40	1A1A2MP3
1N3189	81349	5-57	1A3A1CR1	10001N	07047	5-40	1A1A2MP4
1N3189	81349	5-57	1A3A1CR2	10001N	07047	5-40	1A1A2MP5
1N3189	81349	5-57	1A3A1CR3	10001N	07047	5-40	1A1A2MP6
1N3189	81349	5-57	1A3A1CR4	10001N	07047	5-40	1A1A2MP7
1N3189	81349	5-57	1A3A1CR5	10001N	07047	5-40	1A1A2MP8
1N3190	81349	5-39	1A1A1CR1	10001N	07047	5-40	1A1A2MP9
1N4524	81349	5-44	1A1A8CR11	10001N	07047	5-40	1A1A2MP10
1N4524	81349	5-44	1A1A8CR12	10001N	07047	5-40	1A1A2MP11
1N4524	81349	5-44	1A1A8CR13	10001N	07047	5-40	1A1A2MP12
1N4524	81349	5-45	1A1A9CR1	10001N	07047	5-40	1A1A2MP13
1N4524	81349	5-45	1A1A9CR2	10001N	07047	5-40	1A1A2MP14
1N4524	81349	5-45	1A1A9CR3	10001N	07047	5-40	1A1A2MP15
1N4524	81349	5-45	1A1A9CR4	10001N	07047	5-40	1A1A2MP16
1N4524	81349	5-45	1A1A9CR5	10001N	07047	5-40	1A1A2MP17
1N4524	81349	5-45	1A1A9CR6	10001N	07047	5-40	1A1A2MP18
1N4524	81349	5-45	1A1A9CR8	10001N	07047	5-40	1A1A2MP19
1N4524	81349	5-45	1A1A9CR9	10001N	07047	5-40	1A1A2MP20
1N4524	81349	5-45	1A1A9CR10	10001N	07047	5-40	1A1A2MP21
1N4524	81349	5-45	1A1A9CR11	10001N	07047	5-40	1A1A2MP22
1N4524	81349	5-45	1A1A9CR13	10001N	07047	5-40	1A1A3MP1
1N4524	81349	5-45	1A1A9CR16	10001N	07047	5-40	1A1A3MP2
1N4524	81349	5-45	1A1A9CR18	10001N	07047	5-40	1A1A3MP3
1N4524	81349	5-45	1A1A9CR19	10001N	07047	5-40	1A1A3MP4
1N4524	81349	5-45	1A1A9CR20	10001N	07047	5-40	1A1A3MP5
1N4524	81349	5-45	1A1A9CR21	10001N	07047	5-40	1A1A3MP6
1N4524	81349	5-45	1A1A9CR22	10001N	07047	5-40	1A1A3MP7

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REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
10001N	81349	5-40	1A1A3MP8	10001N	07047	5-48	1A1A12MP6
10001N	07047	5-40	1A1A3MP9	10001N	07047	5-48	1A1A12MP7
10001N	07047	5-40	1A1A3MP10	10001N	07047	5-48	1A1A12MP8
10001N	07047	5-40	1A1A3MP11	10001N	07047	5-48	1A1A12MP9
10001N	07047	5-40	1A1A3MP12	10001N	07047	5-48	1A1A12MP10
10001N	07047	5-40	1A1A3MP13	10001N	07047	5-48	1A1A12MP11
10001N	07047	5-40	1A1A3MP14	10001N	07047	5-48	1A1A12MP12
10001N	07047	5-40	1A1A3MP15	10001N	07047	5-48	1A1A12MP13
10001N	07047	5-40	1A1A3MP16	10001N	07047	5-48	1A1A12MP14
10001N	07047	5-40	1A1A3MP17	10001N	07047	5-48	1A1A13MP2
10001N	07047	5-40	1A1A3MP18	10001N	07047	5-48	1A1A13MP3
10001N	07047	5-40	1A1A3MP19	10001N	07047	5-48	1A1A13MP4
10001N	07047	5-40	1A1A3MP20	10001N	07047	5-48	1A1A13MP5
10001N	07047	5-40	1A1A3MP21	10001N	07047	5-48	1A1A13MP6
10001N	07047	5-40	1A1A3MP22	10001N	07047	5-48	1A1A13MP7
10001N	07047	5-40	1A1A4MP1	10001N	07047	5-48	1A1A13MP8
10001N	07047	5-40	1A1A4MP2	10001N	07047	5-48	1A1A13MP9
10001N	07047	5-40	1A1A4MP3	10001N	07047	5-48	1A1A13MP10
10001N	07047	5-40	1A1A4MP4	10001N	07047	5-48	1A1A13MP11
10001N	07047	5-40	1A1A4MP5	10001N	07047	5-48	1A1A13MP12
10001N	07047	5-40	1A1A4MP6	10001N	07047	5-48	1A1A13MP13
10001N	07047	5-40	1A1A4MP7	10001N	07047	5-48	1A1A13MP14
10001N	07047	5-40	1A1A4MP8	10001N	07047	5-48	1A1A14MP2
10001N	07047	5-40	1A1A4MP9	10001N	07047	5-48	1A1A14MP3
10001N	07047	5-40	1A1A4MP10	10001N	07047	5-48	1A1A14MP4
10001N	07047	5-40	1A1A4MP11	10001N	07047	5-48	1A1A14MP5
10001N	07047	5-40	1A1A4MP12	10001N	07047	5-48	1A1A14MP6
10001N	07047	5-40	1A1A4MP13	10001N	07047	5-48	1A1A14MP7
10001N	07047	5-40	1A1A4MP14	10001N	81349	5-38	1A1A14MP8
10001N	07047	5-40	1A1A4MP15	10001N	07047	5-48	1A1A14MP9
10001N	07047	5-40	1A1A4MP16	10001N	07047	5-48	1A1A14MP10
10001N	07047	5-40	1A1A4MP17	10001N	07047	5-48	1A1A14MP11
10001N	07047	5-40	1A1A4MP18	10001N	07047	5-48	1A1A14MP12
10001N	07047	5-40	1A1A4MP19	10001N	07047	5-48	1A1A14MP13
10001N	07047	5-40	1A1A4MP20	10001N	07047	5-48	1A1A14MP14
10001N	07047	5-40	1A1A4MP21	10001N	07047	5-48	1A1A15MP2
10001N	07047	5-40	1A1A4MP22	10001N	07047	5-48	1A1A15MP3
10001N	07047	5-41	1A1A5MP1	10001N	07047	5-48	1A1A15MP4
10001N	07047	5-41	1A1A5MP2	10001N	81349	5-48	1A1A15MP5
10001N	07047	5-41	1A1A5MP3	10001N	07047	5-48	1A1A15MP6
10001N	07047	5-41	1A1A5MP4	10001N	07047	5-48	1A1A15MP7
10001N	07047	5-43	1A1A7MP1	10001N	07047	5-48	1A1A15MP8
10001N	07047	5-43	1A1A7MP2	10001N	07047	5-48	1A1A15MP9
10001N	07047	5-43	1A1A7MP3	10001N	07047	5-48	1A1A15MP10
10001N	07047	5-43	1A1A7MP4	10001N	07047	5-48	1A1A15MP11
10001N	07047	5-43	1A1A7MP5	10001N	07047	5-48	1A1A15MP12
10001N	07047	5-43	1A1A7MP6	10001N	07047	5-48	1A1A15MP13
10001N	07047	5-43	1A1A7MP7	10001N	07047	5-48	1A1A15MP14
10001N	07047	5-43	1A1A7MP8	10001N	07047	5-48	1A1A16MP2
10001N	07047	5-43	1A1A7MP9	10001N	07047	5-48	1A1A16MP3
10001N	07047	5-43	1A1A7MP10	10001N	07047	5-48	1A1A16MP4
10001N	07047	5-43	1A1A7MP11	10001N	07047	5-48	1A1A16MP5
10001N	07047	5-43	1A1A7MP12	10001N	07047	5-48	1A1A16MP6
10001N	07047	5-43	1A1A7MP13	10001N	07047	5-48	1A1A16MP7
10001N	07047	5-44	1A1A8MP1	10001N	07047	5-48	1A1A16MP8
10001N	07047	5-44	1A1A8MP2	10001N	07047	5-48	1A1A16MP9
10001N	07047	5-44	1A1A8MP3	10001N	07047	5-48	1A1A16MP10
10001N	07047	5-44	1A1A8MP4	10001N	07047	5-48	1A1A16MP11
10001N	07047	5-46	1A1A10MP14	10001N	07047	5-48	1A1A16MP12
10001N	07047	5-46	1A1A10MP15	10001N	07047	5-48	1A1A16MP13
10001N	07047	5-46	1A1A10MP16	10001N	07047	5-48	1A1A16MP14
10001N	07047	5-46	1A1A10MP17	10001N	07047	5-49	1A1A17MP2
10001N	07047	5-46	1A1A10MP18	10001N	07047	5-49	1A1A17MP3
10001N	07047	5-46	1A1A10MP19	10001N	07047	5-49	1A1A17MP4
10001N	07047	5-46	1A1A10MP20	10001N	07047	5-49	1A1A17MP5
10001N	07047	5-48	1A1A12MP2	10001N	07047	5-49	1A1A17MP6
10001N	07047	5-48	1A1A12MP3	10001N	07047	5-49	1A1A18MP2
10001N	07047	5-48	1A1A12MP4	10001N	07047	5-49	1A1A18MP3
10001N	07047	5-48	1A1A12MP5	10001N	07047	5-49	1A1A18MP4

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
10001N	07047	5-49	1A1A18MP5	10206N	07047	5-45	1A1A9MP24
10001N	07047	5-49	1A1A18MP6	10206N	07047	5-45	1A1A9MP25
10001N	07047	5-50	1A1A19MP2	10206N	07047	5-45	1A1A9MP26
10001N	07047	5-50	1A1A19MP3	10206N	07047	5-46	1A1A10MP2
10001N	07047	5-50	1A1A19MP4	10206N	07047	5-46	1A1A10MP3
10001N	07047	5-50	1A1A19MP5	10206N	07047	5-46	1A1A10MP4
10001N	07047	5-50	1A1A19MP6	10206N	07047	5-46	1A1A10MP5
10001N	07047	5-50	1A1A19MP7	10206N	07047	5-46	1A1A10MP6
10001N	07047	5-50	1A1A19MP8	10206N	07047	5-46	1A1A10MP7
10001N	07047	5-50	1A1A19MP9	10206N	07047	5-46	1A1A10MP8
10001N	07047	5-50	1A1A19MP10	10206N	07047	5-46	1A1A10MP9
10001N	07047	5-50	1A1A19MP11	10206N	07047	5-46	1A1A10MP10
10001N	07047	5-50	1A1A19MP12	10206N	07047	5-46	1A1A10MP11
10001N	07047	5-50	1A1A19MP13	10206N	07047	5-46	1A1A10MP12
10001N	07047	5-50	1A1A19MP14	10206N	07047	5-47	1A1A11MP1
10001N	07047	5-57	1A3A1MP3	10206N	07047	5-47	1A1A11MP2
10206N	07047	5-42	1A1A6MP1	10206N	07047	5-47	1A1A11MP3
10206N	07047	5-42	1A1A6MP2	10206N	07047	5-47	1A1A11MP4
10206N	07047	5-42	1A1A6MP3	10206N	07047	5-47	1A1A11MP5
10206N	07047	5-42	1A1A6MP4	10206N	07047	5-47	1A1A11MP6
10206N	07047	5-42	1A1A6MP5	10206N	07047	5-47	1A1A11MP7
10206N	07047	5-42	1A1A6MP6	10206N	07047	5-47	1A1A11MP8
10206N	07047	5-42	1A1A6MP7	10206N	07047	5-47	1A1A11MP9
10206N	07047	5-42	1A1A6MP8	10206N	07047	5-47	1A1A11MP10
10206N	07047	5-42	1A1A6MP9	10206N	07047	5-47	1A1A11MP11
10206N	07047	5-42	1A1A6MP10	10206N	07047	5-47	1A1A11MP12
10206N	07047	5-42	1A1A6MP11	10206N	07047	5-47	1A1A11MP13
10206N	07047	5-42	1A1A6MP12	10206N	07047	5-47	1A1A11MP14
10206N	07047	5-42	1A1A6MP13	10206N	07047	5-47	1A1A11MP15
10206N	07047	5-42	1A1A6MP14	10206N	07047	5-47	1A1A11MP16
10206N	07047	5-42	1A1A6MP15	10206N	07047	5-48	1A1A12MP15
10206N	07047	5-42	1A1A6MP16	10206N	07047	5-48	1A1A12MP16
10206N	07047	5-42	1A1A6MP17	10206N	07047	5-48	1A1A12MP17
10206N	07047	5-42	1A1A6MP18	10206N	07047	5-48	1A1A12MP18
10206N	07047	5-42	1A1A6MP19	10206N	07047	5-48	1A1A12MP19
10206N	07047	5-42	1A1A6MP20	10206N	07047	5-48	1A1A13MP15
10206N	07047	5-44	1A1A8MP5	10206N	07047	5-48	1A1A13MP16
10206N	07047	5-44	1A1A8MP6	10206N	07047	5-48	1A1A13MP17
10206N	07047	5-44	1A1A8MP7	10206N	07047	5-48	1A1A13MP18
10206N	07047	5-44	1A1A8MP8	10206N	07047	5-48	1A1A13MP19
10206N	07047	5-44	1A1A8MP9	10206N	07047	5-48	1A1A14MP15
10206N	07047	5-44	1A1A8MP10	10206N	07047	5-48	1A1A14MP16
10206N	07047	5-44	1A1A8MP11	10206N	07047	5-48	1A1A14MP17
10206N	07047	5-44	1A1A8MP12	10206N	07047	5-48	1A1A14MP18
10206N	07047	5-44	1A1A8MP13	10206N	07047	5-48	1A1A14MP19
10206N	07047	5-44	1A1A8MP14	10206N	07047	5-48	1A1A15MP15
10206N	07047	5-45	1A1A9MP1	10206N	07047	5-48	1A1A15MP16
10206N	07047	5-45	1A1A9MP2	10206N	07047	5-48	1A1A15MP17
10206N	07047	5-45	1A1A9MP3	10206N	07047	5-48	1A1A15MP18
10206N	07047	5-45	1A1A9MP4	10206N	07047	5-48	1A1A15MP19
10206N	07047	5-45	1A1A9MP5	10206N	07047	5-48	1A1A16MP15
10206N	07047	5-45	1A1A9MP6	10206N	07047	5-48	1A1A16MP16
10206N	07047	5-45	1A1A9MP7	10206N	07047	5-48	1A1A16MP17
10206N	07047	5-45	1A1A9MP8	10206N	07047	5-48	1A1A16MP18
10206N	07047	5-45	1A1A9MP9	10206N	07047	5-48	1A1A16MP19
10206N	07047	5-45	1A1A9MP10	10206N	07047	5-49	1A1A17MP7
10206N	07047	5-45	1A1A9MP11	10206N	07047	5-49	1A1A17MP8
10206N	07047	5-45	1A1A9MP12	10206N	07047	5-49	1A1A17MP9
10206N	07047	5-45	1A1A9MP13	10206N	81349	5-49	1A1A17MP10
10206N	07047	5-45	1A1A9MP14	10206N	81349	5-49	1A1A17MP11
10206N	07047	5-45	1A1A9MP15	10206N	81349	5-49	1A1A17MP12
10206N	07047	5-45	1A1A9MP16	10206N	81349	5-49	1A1A17MP13
10206N	07047	5-45	1A1A9MP17	10206N	07047	5-49	1A1A17MP14
10206N	07047	5-45	1A1A9MP18	10206N	07047	5-49	1A1A17MP15
10206N	07047	5-45	1A1A9MP19	10206N	07047	5-49	1A1A17MP16
10206N	07047	5-45	1A1A9MP20	10206N	81349	5-49	1A1A17MP17
10206N	07047	5-45	1A1A9MP21	10206N	07047	5-49	1A1A17MP18
10206N	07047	5-45	1A1A9MP22	10206N	07047	5-49	1A1A17MP19
10206N	07047	5-45	1A1A9MP23	10206N	07047	5-49	1A1A18MP7

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
10206N	07047	5-49	1A1A18MP8	1411-4	83330		1A1E26
10206N	07047	5-49	1A1A18MP9	1411-4	83330		1A1E27
10206N	07047	5-49	1A1A18MP10	1414-10	83330		1A3E3
10206N	07047	5-49	1A1A18MP11	1414-10	83330		1A3E4
10206N	07047	5-49	1A1A18MP12	1414-4	83330		1A3E1
10206N	07047	5-49	1A1A18MP13	1414-4	83330		1A3E2
10206N	07047	5-49	1A1A18MP14	1561	70485		1MP3MP5
10206N	07047	5-49	1A1A18MP15	1561	70485		1MP3MP6
10206N	07047	5-49	1A1A18MP16	1916-2	71279		1A1MP62
10206N	07047	5-49	1A1A18MP17	2N297A	81349	5-39	1A1A1Q5
10206N	07047	5-49	1A1A18MP18	2N297A	81349	5-39	1A1A1Q7
10206N	07047	5-49	1A1A18MP19	2N297A	81349	5-56	1A3Q1
10206N	07047	5-50	1A1A19MP15	2N404	81349	5-39	1A1A1Q8
10206N	07047	5-50	1A1A19MP16	2N404	81349	5-40	1A1A2Q9
10206N	07047	5-50	1A1A19MP17	2N404	81349	5-40	1A1A2Q21
10206N	07047	5-50	1A1A19MP18	2N404	81349	5-40	1A1A3Q9
10206N	07047	5-50	1A1A19MP19	2N404	81349	5-40	1A1A3Q21
10206N	07047	5-50	1A1A19MP20	2N404	81349	5-40	1A1A4Q9
10206N	07047	5-50	1A1A19MP21	2N404	81349	5-40	1A1A4Q21
10206N	07047	5-51	1A1A20MP1	2N404	81349	5-41	1A1A5Q10
10206N	07047	5-51	1A1A20MP2	2N404	81349	5-43	1A1A7Q10
10206N	07047	5-51	1A1A20MP3	2N404	81349	5-44	1A1A8Q3
10206N	07047	5-51	1A1A20MP4	2N404	81349	5-46	1A1A10Q1
10206N	07047	5-54	1A2A1MP1	2N404	81349	5-46	1A1A10Q7
10206N	07047	5-54	1A2A1MP2	2N404	81349	5-46	1A1A10Q9
10206N	07047	5-54	1A2A1MP3	2N456B	81349	5-39	1A1A1Q1
10206N	07047	5-54	1A2A1MP4	2N697	81349	5-39	1A1A1Q2
10206N	07047	5-54	1A2A1MP5	2N697	81349	5-39	1A1A1Q3
10206N	07047	5-55	1A2A2MP1	2N697	81349	5-39	1A1A1Q6
10206N	07047	5-55	1A2A2MP2	2N697	81349	5-50	1A1A19Q13
10206N	07047	5-55	1A2A2MP3	2N697	81349	5-50	1A1A19Q15
10206N	07047	5-55	1A2A2MP4	2N697	81349	5-50	1A1A19Q17
10206N	07047	5-55	1A2A2MP5	2N697	81349	5-50	1A1A19Q19
10206N	07047	5-57	1A3A1MP1	2N706	81349	5-41	1A1A5Q1
10206N	07047	5-57	1A3A1MP2	2N706	81349	5-41	1A1A5Q2
110-250BHT	79963		1A2E33	2N706	81349	5-41	1A1A5Q3
110-250BHT	79963		1A2E34	2N706	81349	5-41	1A1A5Q4
110-250BHT	79963		1A2E35	2N706	81349	5-41	1A1A5Q5
111-120BHT	79963		1A2E27	2N706	81349	5-41	1A1A5Q6
11612-3HMS15P20SPMPGDF	07047	5-3	1MP1W3P2	2N706	81349	5-41	1A1A5Q7
11612-5MS15P20SPMPGDF	07047	5-52	1A2P2	2N706	81349	5-41	1A1A5Q8
11612-5MS15P20SPMPGDF	07047	5-56	1A3P1	2N706	81349	5-41	1A1A5Q11
11613-4HMS15S20SPMPGDF	07047	5-6	1MP1W3P1	2N706	81349	5-41	1A1A5Q12
11613-5MS15S20SPMPGDF	07047	5-35	1A1J8	2N706	81349	5-41	1A1A5Q13
11613-5MS15S20SPMPGDF	07047	5-35	1A1J9	2N706	81349	5-41	1A1A5Q14
115058-06	00853		1A1MP73	2N706	81349	5-41	1A1A5Q15
115058-06	00853		1A1MP74	2N706	81349	5-42	1A1A6Q1
115058-06	00853		1A1MP75	2N706	81349	5-42	1A1A6Q2
1410-10	83330		1A1E3	2N706	81349	5-42	1A1A6Q3
1410-10	83330		1A1E4	2N706	81349	5-42	1A1A6Q4
1410-10	83330		1A1E5	2N706	81349	5-42	1A1A6Q5
1410-10	83330		1A1E6	2N706	81349	5-42	1A1A6Q6
1410-10	83330		1A1E7	2N706	81349	5-42	1A1A6Q7
1410-10	83330		1A1E8	2N706	81349	5-42	1A1A6Q8
1410-10	83330		1A1E9	2N706	81349	5-42	1A1A6Q9
1410-10	83330		1A1E10	2N706	81349	5-42	1A1A6Q10
1410-10	83330		1A1E11	2N706	81349	5-42	1A1A6Q11
1410-10	83330		1A1E12	2N706	81349	5-42	1A1A6Q12
1410-10	83330		1A1E13	2N706	81349	5-42	1A1A6Q13
1410-10	83330		1A1E14	2N706	81349	5-42	1A1A6Q14
1410-10	83330		1A1E15	2N706	81349	5-42	1A1A6Q15
1410-10	83330		1A1E16	2N706	81349	5-42	1A1A6Q16
1411-4	83330		1A1E25	2N706	81349	5-42	1A1A6Q17
				2N706	81349	5-42	1A1A6Q18
				2N706	81349	5-42	1A1A6Q19
				2N706	81349	5-42	1A1A6Q20
				2N706	81349	5-44	1A1A8Q5
				2N706	81349	5-44	1A1A8Q7
				2N706	81349	5-44	1A1A8Q14

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 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
2N706	81349	5-46	1A1A10Q5	2N1304	81349	5-40	1A1A2Q18
2N706	81349	5-46	1A1A10Q6	2N1304	81349	5-40	1A1A2Q19
2N706	81349	5-46	1A1A10Q11	2N1304	81349	5-40	1A1A2Q20
2N706	81349	5-46	1A1A10Q13	2N1304	81349	5-40	1A1A2Q22
2N706	81349	5-46	1A1A10Q15	2N1304	81349	5-40	1A1A3Q1
2N706	81349	5-46	1A1A10Q17	2N1304	81349	5-40	1A1A3Q2
2N706	81349	5-47	1A1A11Q2	2N1304	81349	5-40	1A1A3Q3
2N706	81349	5-47	1A1A11Q3	2N1304	81349	5-40	1A1A3Q4
2N706	81349	5-47	1A1A11Q5	2N1304	81349	5-40	1A1A3Q5
2N706	81349	5-47	1A1A11Q6	2N1304	81349	5-40	1A1A3Q6
2N706	81349	5-47	1A1A11Q7	2N1304	81349	5-40	1A1A3Q7
2N706	81349	5-47	1A1A11Q8	2N1304	81349	5-40	1A1A3Q8
2N706	81349	5-47	1A1A11Q10	2N1304	81349	5-40	1A1A3Q10
2N706	81349	5-47	1A1A11Q11	2N1304	81349	5-40	1A1A3Q11
2N706	81349	5-47	1A1A11Q13	2N1304	81349	5-40	1A1A3Q12
2N706	81349	5-47	1A1A11Q14	2N1304	81349	5-40	1A1A3Q13
2N706	81349	5-47	1A1A11Q15	2N1304	81349	5-40	1A1A3Q14
2N706	81349	5-47	1A1A11Q16	2N1304	81349	5-40	1A1A3Q15
2N706	81349	5-49	1A1A17Q10	2N1304	81349	5-40	1A1A3Q16
2N706	81349	5-49	1A1A17Q11	2N1304	81349	5-40	1A1A3Q17
2N706	81349	5-49	1A1A17Q12	2N1304	81349	5-40	1A1A3Q18
2N706	81349	5-49	1A1A17Q13	2N1304	81349	5-40	1A1A3Q19
2N706	81349	5-49	1A1A17Q14	2N1304	81349	5-40	1A1A3Q20
2N706	81349	5-49	1A1A17Q15	2N1304	81349	5-40	1A1A3Q22
2N706	81349	5-49	1A1A17Q16	2N1304	81349	5-40	1A1A4Q1
2N706	81349	5-49	1A1A17Q17	2N1304	81349	5-40	1A1A4Q2
2N706	81349	5-49	1A1A18Q10	2N1304	81349	5-40	1A1A4Q3
2N706	81349	5-49	1A1A18Q11	2N1304	81349	5-40	1A1A4Q4
2N706	81349	5-49	1A1A18Q12	2N1304	81349	5-40	1A1A4Q5
2N706	81349	5-49	1A1A18Q13	2N1304	81349	5-40	1A1A4Q6
2N706	81349	5-49	1A1A18Q14	2N1304	81349	5-40	1A1A4Q7
2N706	81349	5-49	1A1A18Q15	2N1304	81349	5-40	1A1A4Q8
2N706	81349	5-49	1A1A18Q16	2N1304	81349	5-40	1A1A4Q10
2N706	81349	5-49	1A1A18Q17	2N1304	81349	5-40	1A1A4Q11
2N706	81349	5-50	1A1A19Q11	2N1304	81349	5-40	1A1A4Q12
2N706	81349	5-54	1A2A1Q1	2N1304	81349	5-40	1A1A4Q13
2N706	81349	5-54	1A2A1Q2	2N1304	81349	5-40	1A1A4Q14
2N706	81349	5-54	1A2A1Q3	2N1304	81349	5-40	1A1A4Q15
2N706	81349	5-54	1A2A1Q4	2N1304	81349	5-40	1A1A4Q16
2N706	81349	5-54	1A2A1Q5	2N1304	81349	5-40	1A1A4Q17
2N706	81349	5-55	1A2A2Q7	2N1304	81349	5-40	1A1A4Q18
2N706	81349	5-57	1A3A1Q3	2N1304	81349	5-40	1A1A4Q19
2N706	81349	5-57	1A3A1Q4	2N1304	81349	5-40	1A1A4Q20
2N964	81349	5-44	1A1A8Q6	2N1304	81349	5-40	1A1A4Q22
2N964	81349	5-45	1A1A9Q12	2N1304	81349	5-41	1A1A5Q9
2N964	81349	5-46	1A1A10Q18	2N1304	81349	5-41	1A1A5Q16
2N964	81349	5-47	1A1A11Q4	2N1304	81349	5-41	1A1A5Q17
2N964	81349	5-47	1A1A11Q12	2N1304	81349	5-43	1A1A7Q1
2N964	81349	5-50	1A1A19Q10	2N1304	81349	5-43	1A1A7Q2
2N964	81349	5-51	1A1A20MP6	2N1304	81349	5-43	1A1A7Q3
2N1184B	81349	5-46	1A1A10Q3	2N1304	81349	5-43	1A1A7Q4
2N1304	81349	5-39	1A1A1Q4	2N1304	81349	5-43	1A1A7Q5
2N1304	81349	5-40	1A1A2Q1	2N1304	81349	5-43	1A1A7Q6
2N1304	81349	5-40	1A1A2Q2	2N1304	81349	5-43	1A1A7Q7
2N1304	81349	5-40	1A1A2Q3	2N1304	81349	5-43	1A1A7Q8
2N1304	81349	5-40	1A1A2Q4	2N1304	81349	5-43	1A1A7Q9
2N1304	81349	5-40	1A1A2Q5	2N1304	81349	5-43	1A1A7Q12
2N1304	81349	5-40	1A1A2Q6	2N1304	81349	5-43	1A1A7Q13
2N1304	81349	5-40	1A1A2Q7	2N1304	81349	5-44	1A1A8Q1
2N1304	81349	5-40	1A1A2Q8	2N1304	81349	5-44	1A1A8Q2
2N1304	81349	5-40	1A1A2Q10	2N1304	81349	5-44	1A1A8Q4
2N1304	81349	5-40	1A1A2Q11	2N1304	81349	5-46	1A1A10Q2
2N1304	81349	5-40	1A1A2Q12	2N1304	81349	5-46	1A1A10Q4
2N1304	81349	5-40	1A1A2Q13	2N1304	81349	5-46	1A1A10Q10
2N1304	81349	5-40	1A1A2Q14	2N1304	81349	5-46	1A1A10Q16
2N1304	81349	5-40	1A1A2Q15	2N1304	81349	5-48	1A1A12Q10
2N1304	81349	5-40	1A1A2Q16	2N1304	81349	5-48	1A1A12Q11
2N1304	81349	5-40	1A1A2Q17	2N1304	81349	5-48	1A1A12Q12

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
2N1304	81349	5-48	1A1A12Q13	2N2369A	81349	5-48	1A1A9Q22
2N1304	81349	5-48	1A1A12Q14	2N2369A	81349	5-45	1A1A9Q23
2N1304	81349	5-48	1A1A12Q15	2N2369A	81349	5-45	1A1A9Q24
2N1304	81349	5-48	1A1A12Q16	2N2369A	81349	5-45	1A1A9Q25
2N1304	81349	5-48	1A1A12Q17	2N2369A	81349	5-45	1A1A9Q26
2N1304	81349	5-48	1A1A12Q18	2N2369A	81349	5-46	1A1A10Q8
2N1304	81349	5-48	1A1A13Q10	2N2369A	81349	5-46	1A1A10Q12
2N1304	81349	5-48	1A1A13Q11	2N2369A	81349	5-46	1A1A10Q14
2N1304	81349	5-48	1A1A13Q12	2N2369A	81349	5-46	1A1A10Q19
2N1304	81349	5-48	1A1A13Q13	2N2369A	81349	5-51	1A1A20Q7
2N1304	81349	5-48	1A1A13Q14	2N2369A	81349	5-51	1A1A20Q8
2N1304	81349	5-48	1A1A13Q15	2N2894	81349	5-45	1A1A9Q5
2N1304	81349	5-48	1A1A13Q16	2N3330	24624	5-47	1A1A11Q1
2N1304	81349	5-48	1A1A13Q17	2N3330	24624	5-47	1A1A11Q9
2N1304	81349	5-48	1A1A13Q18	2N3330	24624	5-51	1A1A20Q6
2N1304	81349	5-48	1A1A14Q10	2N3526	24624	5-48	1A1A12Q1
2N1304	81349	5-48	1A1A14Q11	2N3526	24624	5-48	1A1A12Q2
2N1304	81349	5-48	1A1A14Q12	2N3526	24624	5-48	1A1A12Q3
2N1304	81349	5-48	1A1A14Q13	2N3526	24624	5-48	1A1A12Q4
2N1304	81349	5-48	1A1A14Q14	2N3526	24624	5-48	1A1A13Q1
2N1304	81349	5-48	1A1A14Q15	2N3526	24624	5-48	1A1A13Q2
2N1304	81349	5-48	1A1A14Q16	2N3526	24624	5-48	1A1A13Q3
2N1304	81349	5-48	1A1A14Q17	2N3526	24624	5-48	1A1A13Q4
2N1304	81349	5-48	1A1A14Q18	2N3526	24624	5-48	1A1A14Q1
2N1304	81349	5-48	1A1A15Q10	2N3526	24624	5-48	1A1A14Q2
2N1304	81349	5-48	1A1A15Q11	2N3526	24624	5-48	1A1A14Q3
2N1304	81349	5-48	1A1A15Q12	2N3526	24624	5-48	1A1A14Q4
2N1304	81349	5-48	1A1A15Q13	2N3526	24624	5-48	1A1A15Q1
2N1304	81349	5-48	1A1A15Q14	2N3526	24624	5-48	1A1A15Q2
2N1304	81349	5-48	1A1A15Q15	2N3526	24624	5-48	1A1A15Q3
2N1304	81349	5-48	1A1A15Q16	2N3526	24624	5-48	1A1A15Q4
2N1304	81349	5-48	1A1A15Q17	2N3526	24624	5-48	1A1A16Q1
2N1304	81349	5-48	1A1A15Q18	2N3526	24624	5-48	1A1A16Q2
2N1304	81349	5-48	1A1A16Q10	2N3526	24624	5-48	1A1A16Q3
2N1304	81349	5-48	1A1A16Q11	2N3526	24624	5-48	1A1A16Q4
2N1304	81349	5-48	1A1A16Q12	2N3526	24624	5-49	1A1A17Q1
2N1304	81349	5-48	1A1A16Q13	2N3526	24624	5-49	1A1A17Q2
2N1304	81349	5-48	1A1A16Q14	2N3526	24624	5-49	1A1A17Q3
2N1304	81349	5-48	1A1A16Q15	2N3526	24624	5-49	1A1A17Q4
2N1304	81349	5-48	1A1A16Q16	2N3526	24624	5-49	1A1A18Q1
2N1304	81349	5-48	1A1A16Q17	2N3526	24624	5-49	1A1A18Q2
2N1304	81349	5-48	1A1A16Q18	2N3526	24624	5-49	1A1A18Q3
2N1304	81349	5-49	1A1A17Q18	2N3526	24624	5-49	1A1A18Q4
2N1304	81349	5-49	1A1A18Q18	2N3526	24624	5-50	1A1A19Q1
2N1304	81349	5-50	1A1A19Q12	2N3526	24624	5-50	1A1A19Q2
2N1304	81349	5-50	1A1A19Q14	2N3526	24624	5-50	1A1A19Q3
2N1304	81349	5-50	1A1A19Q16	2N3526	24624	5-50	1A1A19Q4
2N1304	81349	5-50	1A1A19Q18	2TMIT	91929	5-53	1A2S1
2N1304	81349	5-50	1A1A19Q20	2TMIT	91929	5-53	1A2S2
2N1711	81349	5-43	1A1A7Q11	2TMIT	91929	5-53	1A2S3
2N1711	81349	5-57	1A3A1Q2	230	70485		1A1MP21
2N2369A	81349	5-44	1A1A8Q8	230	70485		1A1MP22
2N2369A	81349	5-44	1A1A8Q9	230	70485		1A1MP23
2N2369A	81349	5-44	1A1A8Q10	2106116	86270	5-39	1A1A1MP2
2N2369A	81349	5-44	1A1A8Q11	2106116	86270	5-39	1A1A1MP3
2N2369A	81349	5-44	1A1A8Q12	2106116	86270	5-39	1A1A1
2N2369A	81349	5-45	1A1A9Q1	2106116	86270	5-56	1A3MP1
2N2369A	81349	5-45	1A1A9Q10	2106307	86270		1A3MP2
2N2369A	81349	5-45	1A1A9Q11	2106307	86270		1A3MP3
2N2369A	81349	5-45	1A1A9Q13	2180034-1	24624		1MP3MP16MP2
2N2369A	81349	5-45	1A1A9Q14	2180035-1	24624		1MP3MP16MP1
2N2369A	81349	5-45	1A1A9Q15	2180041-1	24624		1A2E39
2N2369A	81349	5-45	1A1A9Q16	2180047-1	24624	5-37	1A1MP4
2N2369A	81349	5-45	1A1A9Q17	2180048-1	24624	5-37	1A1MP3
2N2369A	81349	5-45	1A1A9Q18	2180051-1	24624	5-20	1A211
2N2369A	81349	5-45	1A1A9Q19	2180052-1	24624		1MP3MP15
2N2369A	81349	5-45	1A1A9Q20	2180054-1	24624		1A2MP1
2N2369A	81349	5-45	1A1A9Q21	2180054-1	24624		1A2MP2
				2180054-1	24624		1A3MP6

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
2180054-1	24624		1A3MP7	3-16-4-140	95987		1A1MP53
2180055-1	24624	1-1	1MP1MP4	3-8-4-140	95987		1A1MP42
2180058-1	24624	5-9	1A1MP10	3N83	24624	5-48	1A1A12Q5
2180059-1	24624	5-9	1A1MP11	3N83	24624	5-48	1A1A12Q6
2180059-1	24624	5-9	1A1MP12	3N83	24624	5-48	1A1A12Q7
2180060-1	24624	5-37	1A1MP7	3N83	81349	5-48	1A1A12Q8
2180060-2	24624	5-9	1A1MP14	3N83	24624	5-48	1A1A12Q9
2180060-2	24624	5-37	1A1MP5	3N83	24624	5-48	1A1A13Q5
2180060-3	24624	5-37	1A1MP6	3N83	24624	5-48	1A1A13Q6
2180063-1	24624	5-17	1A1MP20	3N83	24624	5-48	1A1A13Q7
2180120-1	24624		1A1MP59	3N83	24624	5-48	1A1A13Q8
2180122-1	24624		1A1MP66	3N83	24624	5-48	1A1A13Q9
2180122-1	24624		1A1MP67	3N83	24624	5-48	1A1A14Q5
2180129-1	24624		1A2MP11	3N83	24624	5-48	1A1A14Q6
2180214-1	24624		1A1MP17	3N83	24624	5-48	1A1A14Q7
2180214-1	24624		1A1MP18	3N83	24624	5-48	1A1A14Q8
2180256-1	24624		1A1E52	3N83	24624	5-48	1A1A14Q9
2280318-501	24624		1A1W1	3N83	24624	5-48	1A1A15Q5
2180380-1	24624		1MP3MP9	3N83	24624	5-48	1A1A15Q6
2180380-1	24624		1MP3MP10	3N83	24624	5-48	1A1A15Q7
2180380-1	24624		1MP3MP11	3N83	24624	5-48	1A1A15Q8
2180388-1	24624		1MP3MP12	3N83	24624	5-48	1A1A15Q9
2180411-1	24624		1A2MP7	3N83	24624	5-48	1A1A16Q5
2380005-501	24624	5-55	1A2A3MP1	3N83	24624	5-48	1A1A16Q6
2380006-501	24624	5-55	1A2A2MP6	3N83	24624	5-48	1A1A16Q7
2380057-501	24624	5-53	1A2TB1TB1	3N83	24624	5-48	1A1A16Q8
2380062-501	24624	5-36	1A1TB3	3N83	24624	5-48	1A1A16Q9
2380115-501	24624	5-39	1A1MP1	3N83	24624	5-49	1A1A17Q5
2380125-5	24624		1A2MP8MP3	3N83	24624	5-49	1A1A17Q6
2380125-501	24624		1A2MP8	3N83	24624	5-49	1A1A17Q7
2380126-501	24624		1A2E24	3N83	24624	5-49	1A1A17Q8
2480036-1	24624	5-55	1A2A3L1	3N83	24624	5-49	1A1A17Q9
2480038-1	24624	5-57	1A3A1T2	3N83	24624	5-49	1A1A18Q5
2480039-1	24624	5-54	1A2A1T1	3N83	24624	5-49	1A1A18Q6
2480040-1	24624	5-54	1A2A1T2	3N83	24624	5-49	1A1A18Q7
2480040-1	24624	5-54	1A2A1T3	3N83	24624	5-49	1A1A18Q8
2480040-1	24624	5-54	1A2A1T4	3N83	24624	5-49	1A1A18Q9
2480040-1	24624	5-54	1A2A1T5	3N83	24624	5-50	1A1A19Q5
2480064-1	24624	5-42	1A1A6L2	3N83	24624	5-50	1A1A19Q6
2480064-1	24624	5-42	1A1A6L3	3N83	24624	5-50	1A1A19Q7
2480064-1	24624	5-42	1A1A6L4	3N83	24624	5-50	1A1A19Q8
2480065-1	24624	5-42	1A1A6L6	3N83	24624	5-50	1A1A19Q9
2480065-1	24624	5-42	1A1A6L7	300101-00	77630	5-36	1A1C9
2480065-1	24624	5-42	1A1A6L8	300101-00	77630	5-39	1A1A1C1
251	70485		1MP3MP1	3100-6-12	88245		1MP1MP3H2
251	70485		1MP3MP2	3180124-1	24624		1A1MP63
251	70485		1MP3MP3	3180127-1	24624		1A3MP5
251	70485		1MP3MP4	3180131-1	24624	5-11	1A1A22E1
251-10-1K	75042	5-39	1A1A1R8	3180131-1	24624	5-12	1A1A23E2
251-10-1K	75042	5-45	1A1A9R11	3180145-1	24624	5-17	1A1MP2
251-10-1K	75042	5-47	1A1A11R6	3180169-1	24624		1A2MP10
251-10-1K	75042	5-47	1A1A11R43	3180295-1	24624		1MP3MP7
251-10-2K	75042	5-44	1A1A8R30	3180295-1	24624		1MP3MP8
251-10-2K	75042	5-55	1A2R42	3180438-2	24624		1A1MP16
251-10-2K	75042	5-55	1A2A3R8	3180515-1	24624		1A2MP3
2662	83330		1A1A1Q1H2	3180672-1	24624		1A3MP8
2662	83330		1A1A1Q5H2	3280139-501	24624		1MP13
2662	83330		1A1A1Q7H2	3280286-501	24624	5-42	1A1A6E1
2901X	96791	5-55	1A2A2R14	3280292-501	24624	1-1	1MP1MP1
3-16-4-128	95987		1A1MP54	3280383-501	24624		1MP1MP3
3-16-4-140	95987		1A1MP36	3280382-501	24624	5-53	1A2TB1
3-16-4-140	95987		1A1MP37	3280668-1	24624		1A1MP73MP1
3-16-4-140	95987		1A1MP39	3280668-501	24624		1A1MP73
3-16-4-140	95987		1A1MP40	331	16037		1A1CR1H2
3-16-4-140	95987		1A1MP41	331	16037		1A1CR2H2
3-16-4-140	95987		1A1MP43	331	16037		1A1CR3H2
3-16-4-140	95987		1A1MP44	331	16037		1A1CR4H2
3-16-4-140	95987		1A1MP45	333-120BHT	79963		1A2E26
3-16-4-140	95987		1A1MP52	333-120BHT	79963		1A2E32

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TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
333-120H	79963		1A1E46	3480451-1	96733	5-42	1A1A6C40
3380035-501	24624	5-51	1A1A2OMP5	3480451-1	96733	5-42	1A1A6C41
3380134-502	24624	5-38	1A1A12MP1	3480451-1	96733	5-42	1A1A6C42
3380134-502	24624	5-48	1A1A13MP1	3480451-1	96733	5-42	1A1A6C43
3380134-502	24624	5-48	1A1A14MP1	3480451-1	96733	5-42	1A1A6C44
3380134-502	24624	5-48	1A1A15MP1	3480451-1	96733	5-44	1A1A8C20
3380134-502	24624	5-48	1A1A16MP1	3480451-1	96733	5-44	1A1A8C21
3380134-502	24624	5-49	1A1A17MP1	3480451-1	96733	5-44	1A1A8C22
3380134-502	24624	5-49	1A1A18MP1	3480451-1	96733	5-44	1A1A8C23
3380143-501	24624	5-39	1A1A1MP1	3480451-1	96733	5-44	1A1A8C24
3380227-501	24624	5-37	1A1MP15	3480451-1	96733	5-44	1A1A8C26
3380288-501	24624		1A2MP9	3480451-1	96733	5-45	1A1A9C1
3380290-501	24624		1MP1MP2	3480451-1	96733	5-45	1A1A9C6
3380293-501	24624		1A3MP4	3480451-1	96733	5-45	1A1A9C7
3380452-501	24624	1-1	1MP1W3	3480451-1	96733	5-45	1A1A9C9
3380454-501	24624	1-1	1MP1W2	3480451-1	81349	5-45	1A1A9C17
3380455-501	24624	1-1	1MP1W4	3480451-1	96733	5-45	1A1A9C19
3380455-501	24624	1-1	1MP1W5	3480451-1	96733	5-45	1A1A9C20
3380456-501	24624	1-1	1MP1W1	3480451-1	96733	5-45	1A1A9C21
3480216-1	24624	5-11	1A1A22S8	3480451-1	96733	5-45	1A1A9C23
3480216-1	24624	5-12	1A1A23S11	3480451-1	96733	5-45	1A1A9C24
3480272-5	24624	5-35	1A1B1MP1	3480451-1	96733	5-45	1A1A9C25
3480272-501	24624	5-35	1A1B1	3480451-1	96733	5-45	1A1A9C26
3480400-501	24624	5-10	1A1A21S7	3480451-1	96733	5-45	1A1A9C27
3480404-1	24624	5-11	1A1A22R33	3480451-1	96733	5-45	1A1A9C29
3480404-1	24624	5-12	1A1A23R46	3480451-1	96733	5-45	1A1A9C37
3480409-1	24624	5-37	1A1S6	3480451-1	96733	5-45	1A1A9C42
3480411-1	24624	5-17	1A1TB1	3480451-1	96733	5-45	1A1A9C45
3480412-1	24624	5-36	1A1TB2	3480451-1	96733	5-45	1A1A9C50
3480418-1	24624	5-45	1A1A9L1	3480451-1	96733	5-45	1A1A9C51
3480418-1	24624	5-45	1A1A9L2	3480451-1	81349	5-45	1A1A9C52
3480418-1	24624	5-45	1A1A9L5	3480451-1	96733	5-45	1A1A9C53
3480418-2	24624	5-45	1A1A9L6	3480451-1	96733	5-45	1A1A9C54
3480418-3	24624	5-45	1A1A9L3	3480451-1	96733	5-45	1A1A9C55
3480418-3	24624	5-45	1A1A9L7	3480451-1	96733	5-45	1A1A9C56
3480418-3	24624	5-45	1A1A9L9	3480451-1	96733	5-46	1A1A10C1
3480418-3	24624	5-45	1A1A9L12	3480451-1	96733	5-46	1A1A10C4
3480418-3	24624	5-45	1A1A9L13	3480451-1	81349	5-46	1A1A10C9
3480418-3	24624	5-45	1A1A9L16	3480451-1	96733	5-46	1A1A10C13
3480418-3	24624	5-45	1A1A9L17	3480451-1	96733	5-46	1A1A10C17
3480418-3	24624	5-45	1A1A9L20	3480451-1	96733	5-46	1A1A10C23
3480418-3	24624	5-53	1A2L4	3480451-1	96733	5-46	1A1A10C25
3480418-3	24624	5-53	1A2L5	3480451-1	96733	5-46	1A1A10C26
3480418-3	24624	5-53	1A2L6	3480451-1	96733	5-51	1A1A20C21
3480418-4	24624	5-53	1A2L3	3480451-1	96733	5-51	1A1A20C25
3480418-5	24624	5-44	1A1A8L2	3480451-1	96733	5-51	1A1A20C26
3480427-1	02114	5-44	1A1A8E5	3480451-1	96733	5-51	1A1A20C31
3480427-1	02114	5-44	1A1A8E6	3480451-1	96733	5-54	1A2A1C17
3480427-1	02114	5-10	1A1A21E1	3480451-1	96733	5-54	1A2A1C18
3480427-1	02114	5-10	1A1A21E2	3480451-1	96733	5-54	1A2A1C19
3480427-1	02114	5-10	1A1A21E3	3480451-1	96733	5-54	1A2A1C20
3480427-1	02114	5-10	1A1A21E4	3480451-1	96733	5-54	1A2A1C21
3480427-1	02114	5-20	1A2E22	3480451-1	96733	5-54	1A2A1C22
3480427-1	02114	5-20	1A2E23	3480451-1	96733	5-54	1A2A1C23
3480427-1	02114	5-55	1A2A2E1	3480451-1	96733	5-54	1A2A1C24
3480427-1	02114	5-55	1A2A2E2	3480458-1	24624	5-53	1A2M1
3480427-1	02114	5-55	1A2A2E3	40-036	12881		1A1MP65
3480427-1	02114	5-55	1A2A2E4	401	78584		1MP1W1MP2
3480451-1	96733	5-14	1A1C11	4025-2-0519	71279		1A1E32
3480451-1	96733	5-15	1A1C12	4025-2-0519	71279		1A1E33
3480451-1	96733	5-42	1A1A6C3	4025-2-0519	71279		1A1E34
3480451-1	96733	5-42	1A1A6C5	4025-2-0519	71279		1A1E35
3480451-1	96733	5-42	1A1A6C34	4025-2-0519	71279		1A1E36
3480451-1	96733	5-42	1A1A6C35	4025-2-0519	71279		1A1E37
3480451-1	96733	5-42	1A1A6C36	4025-2-0519	71279		1A1E38
3480451-1	96733	5-42	1A1A6C37	4025-2-0519	71279		1A1E39
3480451-1	96733	5-42	1A1A6C38	4025-2-0519	71279		1A1E40
3480451-1	96733	5-42	1A1A6C39	4025-2-0519	71279		1A1E41

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINTUED)

REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.	REFERENCE NO.	MFG. CODE	FIG. NO.	REF. DESIG. OR ITEM NO.
4025-2-0519	71279		1A1E42	538-011-94R	72982	5-55	1A2A3C21
4025-2-0519	71279		1A1E43	5406	86928		1A1E47
4025-2-0519	71279		1A1E44	5406	86928		1A1E48
4025-2-0519	71279		1A1E45	5406	86928		1A1E49
416-093GHT	79963		1A2E36	5407	86928		1A1E28
416-093GHT	79963		1A2E37	5407	86928		1A1E29
4180020-1	24624	5-54	1A2A1MP6	5407	86928		1A1E30
42YY23488-24S	81073	5-37	1A1S1	5407	86928		1A1E31
4280108-501	24624	5-51	1A1A20	5407	86928		1A3E5
4280109-501	24624	5-52	1A2A1	5710-57-10	86928		1A1S6H2
4280110-501	24624	5-55	1A2A2	5710-57-10	86928		1A1S9H1
4280111-501	24624	5-55	1A2A3	5710-57-10	86928		1A1S10H1
4280112-501	24624	5-57	1A3A1	5710-57-10	86928		1A1S12H1
4280210-501	24624	1-1	1MP2	5710-57-10	86928		1A2S1H1
4280267-501	24624	5-50	1A1A24	5710-57-10	86928		1A2S2H1
4280283-501	24624	5-10	1A1A21	5710-57-10	86928		1A2S3H1
4280284-501	24624	5-11	1A1A22	5710-735	86928		1A2MP11HAR
4280285-501	24624	5-12	1A1A23	5280011-501	24624	5-35	1A1A1
4380010-501	24624	5-47	1A1A11MP17	5280012-501	24624	5-40	1A1A2
4380011-501	24624	5-40	1A1A2MP23	5280012-501	24624	5-40	1A1A3
4380011-501	24624	5-40	1A1A3MP23	5280012-501	24624	5-40	1A1A4
4380011-501	24624	5-40	1A1A4MP23	5280013-501	24624	5-41	1A1A5
4380012-501	24624	5-43	1A1A7MP14	5280014-501	24624	5-42	1A1A6
4380013-501	24624	5-41	1A1A5MP5	5280015-501	24624	5-43	1A1A7
4380014-501	24624	5-42	1A1A6MP21	5280016-501	24624	5-44	1A1A8
4380015-501	24624	5-50	1A1A19MP1	5280017-501	24624	5-45	1A1A9
4380015-501	24624	5-50	1A1A19MP22	5280018-501	24624	5-46	1A1A10
4380016-501	24624	5-48	1A1A13MP20	5280019-501	24624	5-47	1A1A11
4380016-501	24624	5-48	1A1A15MP20	5280020-501	24624	5-48	1A1A12
4380016-501	24624	5-48	1A1A12MP20	5280020-501	24624	5-48	1A1A13
4380016-501	24624	5-48	1A1A13MP20	5280020-501	24624	5-48	1A1A14
4380016-501	24624	5-48	1A1A14MP20	5280020-501	24624	5-48	1A1A15
4380016-501	24624	5-48	1A1A16MP20	5280020-501	24624	5-48	1A1A16
4380016-502	24624	5-49	1A1A17MP20	5280020-502	24624	5-49	1A1A17
4380016-502	24624	5-49	1A1A18MP20	5280020-502	24624	5-49	1A1A18
4380018-501	24624	5-49	1A1A10MP21	5280038-501	24624	5-35	1A1
4380019-501	24624	5-45	1A1A9MP27	575-093BHT	79663		1A2E38
4380021-501	24621	5-57	1A3A1MP4	5820021-501	24624	5-50	1A1A19
4380022-501	24624	5-44	1A1A8MP15	602-18	95238		1A1MP74
4380023-501	24624	5-39	1A1A1MP10	602-18	95238		1A1MP75
4380132-501	24624	1-1	1MP3	602-18	95238		1A1MP76
4380132-502	24624		1MP3MP16	602-18	95238		1A1MP77
4380296-12	24624		1MP12MP3	602-18	95238		1A1MP78
4380296-501	24624		1MP12	602-18	95238		1A1MP79
4380296-502	24624		1MP12MP1	602-18	95238		1A1MP80
4380296-503	24624		1MP12MP2	602-18	95238		1A1MP81
472-120CHT	79963		1A2E25	602-18	95238		1A1MP82
477-5	83930		1A1MP49	602-18	95238		1A1MP83
477-6	83930		1A1MP48	602-18	95238		1A1MP84
4833-1-0516	71279		1A1E50	602-18	95238		1A1MP85
4833-1-0516	71279		1A1E51	602-18	95238		1A1MP86
5-16-4-128	95987		1A1MP58	602-18	95238		1A1MP87
5-16-4-140	95987		1A1MP50	602-18	95238		1A1MP88
50-107-0000	98291	5-35	1A1P1	602-18	95238		1A1MP89
50-107-0000	98291	5-35	1A1P2	602-18	95238		1A1MP90
50-107-0000	98291	5-35	1A1P3	602-18	95238		1A1MP91
50-153-0000	98291	5-44	1A1A8J1	602-18	95238		1A1MP92
50-153-0000	98291	5-47	1A1A11J1	6107SS1032-7	06540		1A2MP6
50-153-0000	98291	5-47	1A1A11J2	6236SS0632-7	06540		1A1A1MP1H2
500-1042-01	53021	5-36	1A1C2	6239SS1032	06540		1A3MP12
500-1065-01	53021	5-36	1A1C3	635-144PBHT	79963		1A2E31
500-1065-01	53021	5-56	1A3C1	64569	73734		1A2R42H2
500-1947-01	53021		1A1C5	6509	71450	5-37	1A1S4
5070	09408	5-3	1MP1W2P2	6546	71450	5-37	1A1R1
5082-8111	28480	5-53	1A2CR3	67001	73734		1A2R42H2
5133-18	79136		1A3MP11	6704	21645	5-35	1A1T1
5286	09408	5-52	1A2P1	67431	73734		1A2R42H2
5287	09408	5-38	1A1J10	67510	73734		1A2R42H2

SECTION VI INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

<u>REFERENCE NO.</u>	<u>MFG. CODE</u>	<u>FIG. NO.</u>	<u>REF. DESIG. OR ITEM NO.</u>	<u>REFERENCE NO.</u>	<u>MFG. CODE</u>	<u>FIG. NO.</u>	<u>REF. DESIG. OR ITEM NO.</u>
681-264PBHT	79963		1A2E28				
681-264PBHT	79963		1A2E29				
681-264PBHT	79963		1A2E30				
7-16-4-140	95987		1A1MP51				
73-014	12881		1A1MP64				
8215SS0440-7	06540		1A1MP60				
8215SS0440-7	06540		1A1MP61				
8215SS0632-7	06540		1A1MP68				
8215SS0632-7	06540		1A1MP69				
8215SS0632-7	06540		1A1MP70				
8215SS0632-7	06540		1A1MP71				
8215SS0632-7	06540		1A1MP72				

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REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
1MP1	C-124	1MP3MP11	C-126	1A1CR4	C-104
1MP1CP1	C-124	1MP3MP12	C-126	1A1CR4H2	C-104
1MP1CP2	C-124	1MP3MP13	C-126	1A1CR5	C-104
1MP1CP3	C-124	1MP3MP14	C-126	1A1DS1	C-104
1MP1CP4	C-124	1MP3MP15	C-126	1A1DS2	C-104
1MP1CP5	C-124	1MP3MP16	C-126	1A1DS3	C-104
1MP1CP6	C-124	1MP3MP16NP1	C-126	1A1DS4	C-104
1MP1MP1	C-124	1MP3MP16MP1H10	C-126	1A1DS5	C-105
1MP1MP1MP1	C-124	1MP3MP16MP2	C-126	1A1DS6	C-105
1MP1MP2	C-124	1MP4	C-126	1A1DS7	C-105
1MP1MP3	C-124	1MP5	C-126	1A1DS8	C-105
1MP1MP3H2	C-124	1MP6	C-126	1A1DS9	C-105
1MP1MP3J1	C-124	1MP7	C-126	1A1DS10	C-105
1MP1MP4	C-124	1MP8	C-126	1A1DS11	C-105
1MP1P1	C-124	1MP9	C-126	1A1DS12	C-105
1MP1P2	C-124	1MP10	C-126	1A1DS13	C-105
1MP1W1	C-124	1MP11	C-126	1A1DS14	C-105
1MP1W1MP1	C-124	1MP12	C-126	1A1DS15	C-105
1MP1W1MP2	C-124	1MP12H32	C-126	1A1E3	C-105
1MP1W1P1	C-124	1MP12MP1	C-126	1A1E3H1	C-105
1MP1W1P2	C-124	1MP12MP1H6	C-126	1A1E4	C-105
1MP1W1W1	C-124	1MP12MP1MP1	C-126	1A1E5	C-105
1MP1W2	C-124	1MP12MP1MP2	C-126	1A1E6	C-105
1MP1W2P1	C-124	1MP12MP2	C-126	1A1E7	C-105
1MP1W2P2	C-125	1MP12MP2H6	C-126	1A1E8	C-105
1MP1W2W1	C-124	1MP12MP2MP1	C-126	1A1E9	C-105
1MP1W3	C-125	1MP12MP2MP1H2	C-126	1A1E10	C-105
1MP1W3P1	C-125	1MP12MP2MP2	C-126	1A1E11	C-105
1MP1W3P2	C-125	1A1	C-6	1A1E12	C-105
1MP1W4	C-125	1A1B1	C-103	1A1E13	C-105
1MP1W4P1	C-125	1A1B1MP1	C-103	1A1E14	C-105
1MP1W4P2	C-125	1A1C1	C-103	1A1E15	C-105
1MP1W4W1	C-125	1A1C1H1	C-103	1A1E16	C-105
1MP1W5	C-125	1A1C2	C-103	1A1E17	C-105
1MP1W5P1	C-125	1A1C2H1	C-103	1A1E18	C-105
1MP1W5P2	C-125	1A1C2H2	C-103	1A1E18H1	C-105
1MP1W5W1	C-125	1A1C3	C-103	1A1E19	C-105
1MP2	C-125	1A1C3H1	C-103	1A1E19H1	C-105
1MP2H2	C-125	1A1C3H2	C-103	1A1E20	C-105
1MP2H4	C-125	1A1C4	C-103	1A1E21	C-105
1MP2H5	C-125	1A1C5	C-103	1A1E22	C-105
1MP2H9	C-125	1A1C5H1	C-104	1A1E23	C-105
1MP3	C-125	1A1C5H2	C-104	1A1E24	C-105
1MP3H2	C-125	1A1C6	C-104	1A1E25	C-105
1MP3H4	C-125	1A1C7	C-104	1A1E26	C-105
1MP3H8	C-125	1A1C7H1	C-104	1A1E26H1	C-105
1MP3MP1	C-125	1A1C7H2	C-104	1A1E27	C-105
1MP3MP1H1	C-125	1A1C8	C-104	1A1E27H1	C-105
1MP3MP2	C-125	1A1C9	C-104	1A1E28	C-105
1MP3MP2H1	C-125	1A1C11	C-104	1A1E29	C-105
1MP3MP3	C-125	1A1C12	C-104	1A1E30	C-106
1MP3MP3H1	C-125	1A1C20	C-104	1A1E31	C-106
1MP3MP4	C-125	1A1C33	C-104	1A1E32	C-106
1MP3MP4H1	C-125	1A1C39	C-104	1A1E33	C-106
1MP12MP3	C-127	1A1C40	C-104	1A1E34	C-106
1MP13	C-127	1A1C41	C-104	1A1E35	C-106
1MP13H2	C-127	1A1C42	C-104	1A1E36	C-106
1MP3MP5	C-126	1A1C43	C-104	1A1E37	C-106
1MP3MP6	C-126	1A1C44	C-104	1A1E38	C-106
1MP3MP7	C-126	1A1CR1	C-104	1A1E39	C-106
1MP3MP7H2	C-126	1A1CR1H2	C-104	1A1E40	C-106
1MP3MP8	C-126	1A1CR2	C-104	1A1E41	C-106
1MP3MP8H2	C-126	1A1CR2H2	C-104	1A1E42	C-106
1MP3MP9	C-126	1A1CR3	C-104	1A1E43	C-105
1MP3MP10	C-126	1A1CR3H2	C-104	1A1E44	C-106

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REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
1A1E45	C-106	1A1MP25	C-108	1A1MP70H1	C-110
1A1E46	C-106	1A1MP26	C-108	1A1MP71	C-110
1A1E46H1	C-106	1A1MP27	C-108	1A1MP71H1	C-110
1A1E47	C-106	1A1MP28	C-108	1A1MP72	C-111
1A1E47H1	C-106	1A1MP29	C-108	1A1MP72H1	C-111
1A1E47H2	C-106	1A1MP30	C-108	1A1MP73	C-111
1A1E48	C-106	1A1MP31	C-108	1A1MP73H1	C-111
1A1E48H1	C-106	1A1MP32	C-108	1A1MP73MP1	C-111
1A1E49	C-106	1A1MP33	C-108	1A1MP73MP1H2	C-111
1A1E50	C-106	1A1MP34	C-108	1A1MP74	C-111
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USAADS (2)	11-302	32-78
USAFAS (2)	11-500 (AA-AC)	32-500
USAARMS (2)	29-16	44-2
USAIS (2)	29-26	44-12
USAES (2)	29-36	44-468
USAINTS (3)	29-41	56-405
WRAMC (1)	29-85	55-406
USACDCEC (10)	29-86	55-407
USASTRATCOM-EUR (3)	29-105	55-457
USASTRATCOM-SO (3)	29-109	55-468
USASTRATCOM-CONUS (6)	29-134	57-100
USASTRATCOM-PAC (2)	29-136	67
USASTRATCOM-A (2)	29-245	77-100
USACSS (5)	29-247	

NG: None,

USAR: None.

For explanation of abbreviations used, see AR 310-60.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS FORM.
CAREFULLY TEAR IT OUT, FOLD IT
AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

IN THIS SPACE, TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT.

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F Fahrenheit temperature 5/9 (after subtracting 32) Celsius temperature °C

