

*Rescinded per DA Cir. 310-17, 18 Sept. 1957*

DEPARTMENT OF THE ARMY  
SUPPLY CATALOG

**SIG 7 & 8-EE-86-A**

*Organizational Maintenance Allowances  
and Field and Depot Maintenance Stockage Guide  
(Including Fixed Plant Maintenance List)*

*for*

**Time Interval Apparatus EE-86-A)** *dm*

*Supersedes SIG 10-805, 15 April 1944* ✓

*Ref: TM 11-445, TM 11-438A*

1. Users of any part of the Signal portion of the Army Supply Catalog should avail themselves of SIG 1, Introduction and Index, which comprises two sections as follows:

*a.* Section I, Introduction, is a guide to all sections of the Signal portion of the Army Supply Catalog. An explanation of the purpose and use of each section and requisitioning instructions are a part of its contents.

*b.* Section II, Index, lists all available sections and catalogs in the Signal portion of the Army Supply Catalog.

2. Items marked X under Expendability Note are expendable within the meaning of AR 35-6620. In like manner, nonexpendable items are marked NX.

3. SIG 7 & 8-EE-86-A comprises three parts as follows:

*a. Maintenance items.* A list of parts for repair and supply facilities.

*b. Stock number list.* A list of all numbered items in the Maintenance Items portion arranged in stock number sequence and cross referenced to item numbers to facilitate compliance with the provisions of SB 11-47.

*c. Basic issue items.* A list of component parts showing the quantities of each that comprise a complete operating equipment, including running spares, that is, those spare parts shipped concurrently with the equipment. All suffix letters have been omitted where variations of such letters do not affect the interchange-

*Department of the Army*

*28 March 1950*

PROPERTY OF THE TECHNICAL LIBRARY  
DO NOT REMOVE FROM BUILDING

ability of the item as a whole. As a general rule, parts listed in this portion are described briefly for visual identification, and a detailed description may be found under Maintenance Items. Parts not considered maintenance items, but which are issued with the equipment, however, are described in detail under Basic Issue Items. This list is arranged in stock number sequence.

---

DEPARTMENT OF THE ARMY  
Washington 25, D. C., 28 March 1950

Department of the Army Supply Catalog SIG 7 & 8-EE-86-A is published for the information and guidance for all concerned.

[AG 461 (2 Feb 50)]

BY ORDER OF THE SECRETARY OF THE ARMY:

OFFICIAL: J. LAWTON COLLINS  
EDWARD F. WITSELL *Chief of Staff, United States Army*  
*Major General, USA*  
*The Adjutant General*

DISTRIBUTION:

Tech Sv (2) except 11 (37); Arm & Sv Bd (1); AFF Bd (ea Sv Test Sec) (2); AFF (10); OS Maj Comd (5); Base Comd (2); MDW (5); A (5); CHQ (2); D (2); FC (2); Sch (2) except 11 (5); Dep (SigO) (2) except 11 (25); GH (SigO) (2); PE (10); OSD (2); PG (SigO) (2); Ars (SigO) (2); Lab (SigO) (2) except 11 (5); 4th & 5th Ech Maint Shops 11 (5); T/O & E's 11-107 (2); 11-127 (2); 11-500 AD (2); 11-587 (2); 11-592 (2); 11-597 (2); SPECIAL DISTRIBUTION.

For explanation of distribution formula, see SR 310-90-1.



# MAINTENANCE ITEMS

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE Depot Base Per 100 Equip.	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE		FIELD Repair Shop 4th Per 50 Equip.	DEPOT Repair Shop 5th Per 100 Equip.		
U		4H3086A	TIME INTERVAL APPARATUS, EE-86-A: for fire control in fixed coast artillery defenses; c/o 8 program discs assembled w/individual cam cont connected through elec circuit to term strip, master 1-sec time control, and governor regulated motor; operates from 30 v DC power source; produces predetermined time intervals of 1, 5, 10, 15, 20, 30, 40 and 50 sec, accurate within 0.8% of interval; 18" lg x 11" wd x 15 1/8" h overall; Sig C spec #71-1009.								NX	
		(Order through AGO channels)	TECHNICAL MANUAL TM 11-445									X
1	O-21	3H305-5	BEARING, ball: single row radial; single shield; 0.2756" bore, 0.8661" OD, 0.2756" wd; 7 balls; tight fit ND #7037.	ea	2			4	7		34	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE Depot, Base	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES	STOCK GUIDE			Per 100 Equip.			
							ORGANIZATIONAL Fixed Station 2nd	FIELD Repair Shop 4th	DEPOT Repair Shop 5th				
						1-4 Equip.	5-20 Equip.				Per 100 Equip.		
2	O-20	4H3086A/B1.1	BEARING, ball: single row radial; single shield; 0.3543" bore, 1.0236" OD, 0.3150" wd; 7 ball; very tight fit; ND #7039.	ea	2	-----	-----	4	7		34	X	
3	O-65	3H330-25	BEARING, sleeve: bearing for pinion shaft; bearing alloy SAE #660; female 0.500" lg 0.4406" max and 0.4375" min OD, 0.3125" ID; Sig C dwg #SC-D-9952 det 18.	ea	2	-----	-----	4	7		34	X	
4	O-66	3H330-26	BEARING, sleeve: for 40-sec disc gear train shaft; bearing alloy-SAE #660; female; 0.750" lg, 0.4405" max to 4375" min OD, 0.251" ID, Sig C dwg #SC-D-9952 det 20.	ea	1	1	1	2	4		20	X	
5	O-12	3H330-24	BEARING, sleeve: bearing for master 1-sec drive shaft; bearing alloy-SAE #660; female; 0.875" lg, 0.4405" max to 4375" min OD, 0.251" ID; Sig C dwg #SC-D-9952 det 19.	ea	2	1	1	4	7		34	X	

6	H-34	6Z1018.1	BOLT: claw loop; fastens cover on base; steel; $1\frac{3}{8}$ " wd x $2\frac{5}{8}$ " h overall; Excelsior #44334.	ea	4	1	1	2	3	17	X
7	E-12	4H3086A/B4.1	BRUSH, electrical contact: pos and neg commutator; carbon, upper and copper plated, Emerson Elegrade B-22; $\frac{15}{16}$ " lg overall, upper end $\frac{3}{16}$ " diam x $\frac{3}{16}$ " lg other end $\frac{3}{4}$ " lg x $\frac{1}{4}$ " sq; Emerson Elec for frame type 35208AJ.	ea	2	2	5	20	36	190	X
8	A-1	4H3086A/B6	BUMPER: stop for disc cont spring; grade A leather, fungicide treated; $\frac{1}{2}$ " diam and $\frac{3}{8}$ " diam faces, $\frac{3}{16}$ " thk; Sig C dwg #SC-D-9961 det 25.	ea	8	1	4	12	22	115	X
9	O-57	4H3086A/C1.1	CAM: for 10, 15, 20, 30 and 60 sec discs; includes locking screw and 2 pins; stainless steel, type 303, 3 lobes; $1\frac{1}{2}$ " lg x $1\frac{1}{4}$ " wd x $\frac{1}{8}$ " thk overall; Sig C dwg #SC-D-9963 det 5, det 10, det 13.	ea	16	1	1	6	10	48	X
10	O-58	4H3086A/C2.1	CAM: for 40-sec disc; includes locking screw and 2 pins; stainless steel, type 303; 3 lobes; $2\frac{3}{4}$ " lg x $1\frac{1}{4}$ " wd x $\frac{1}{8}$ " thk overall; Sig C dwg #SC-D-9963 det 6, det 10, det 13.	ea	1	1	1	1	1	6	X
11	O-59	4H3086A/C3.1	CAM: for 5-sec disc; includes locking screw and 2 pins; stainless steel, type 303; 1 lobe; $1\frac{1}{2}$ " lg x $1\frac{1}{4}$ " wd x $\frac{1}{8}$ " thk; overall; Sig C dwg #SC-D-9963 det 4, det 10, det 13.	ea	12	1	1	4	7	39	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE Depot, Base	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE			Per 100 Equip. Per 50 Equip.		
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th	Per 100 Equip.			
12	O-50	4H3086A/C4.1	CAM: for 40-sec disc; includes locking screw and 2 pins; stainless steel, type 303; 1 lobe; 2 1/4" lg x 1 1/4" wd x 1/8" thk; Sig C dwg #SC-D-9963 det 6 (modified), det 10, det 13. CAPACITOR, fixed; paper; 0.1 mf +20% -10%; 600 vdcw; HS metal case; 1 13/16" lg x 1" wd x 3/4" thk; oil impr; two 3/4" lg solder lug term; two 3/8" wd mtg feet on 2 1/8" centers; JAN pro JAN-C-25 JAN type CP53B1FF104V; (decreases interference of motor). CAPACITOR, fixed; paper; 1 mf +20% -10%; 600 vdcw; HS metal case; 2" lg x 1 3/4" wd x 1/8" thk; oil impr; two 3/4" lg solder lug term; two 3/8" wd mtg feet on 2 3/8" centers; JAN pro JAN-C-25 JAN type CP53B1FF105V (decreases interference of motor).	ea	1	1	1	1	1	6	X	
13	1-1 1-2 1-3	3DA100-837		ea	3	1	1	2	4	19	X	
14	3-1	3DB1-208		ea	1	1	1	1	2	8	X	



15	E-26	4H3086A/C8	CONTACT, governor: make and break of governor circuit; $\frac{3}{16}$ " lg #2-56-NC-2 bolt w/cont inserted in head; bolt coin silver, cont platinum; no dimen greater than one inch; Sig C dwg #SC-D-9955 det 6, det 7.	ea	2	1	4	12	22	115	X
16	E-27	4H3086A/S2.1	CONTACT, interrupter: stationary cont for program disc; c/o adj screw w/thumb nut, cont and cont holder; brass screw, tungsten cont; $1\frac{3}{16}$ " lg x #8-32NC-2 thd screw w/ $\frac{7}{16}$ " diam head, 1.281" lg overall; $\frac{1}{8}$ " lg x $\frac{1}{8}$ " diam point of screw non-thd w/cont welded to holder, inserted and soldered in #53 drill hole; Sig C dwg #SC-D-9960 det 7, det 8, #SC-D-9961 det 18, det 19.	ea	8	3	7	26	49	245	X
17	E-28	4H3086A/S6.1	CONTACT, interrupter: movable cont for program disc; c/o spring w/cont and cont holder; phosphor bronze spring, tungsten cont; spring $2\frac{1}{16}$ " lg x $\frac{1}{4}$ " wd x 0.0159" thk, 0.125" thk overall; Sig C dwg #SC-D-9960 det 3, #SC-D-9961 det 16, det 17.	ea	1	1	4	15	30	150	X
18	E-25	4H313	CONTACT, interrupter: for master 1-sec timing control; c/o spring w/cont; phosphor bronze spring, tungsten cont; irregular shape; approx $3\frac{3}{8}$ " lg x $\frac{3}{8}$ " wd x $\frac{1}{2}$ " thk overall; single #44 hole and single slot spaced $2\frac{3}{8}$ " and $2\frac{3}{4}$ " from nearest mtg hole, contact welded to holder	ea	1	1	1	3	6	27	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY	EXPEND-ABILITY NOTE		
						AUTHORIZED ALLOWANCES ORGANIZATIONAL	STOCK GUIDE		Per 100 Equip.	Per 100 Equip.				
							FIELD	DEPOT						
													Repair Shop 4th	Repair Shop 5th
					1-4 Equip.	5-20 Equip.								
19	E-23	4H313-1	and riveted in hole ctr 1 3/4" from nearest mtg hole; Sig C dwg #SC-D-9958 det 6, det 7. CONTACT, interrupter: for master 1-sec timing control; c/o spring w/cont and adj screw phosphor bronze spring, tungsten cont; irregular shape; approx 2 5/16" lg x 3/32" wd x 1 1/2" thk overall; cont welded to holder and riveted in hole 0.1625" from end, 3/8" lg #4-40 Fil H mach screw in clamp sleeve near contact #27 hole 1 1/4" from nearest mtg hole; Sig C dwg #SC-D-9957 det 3, #SC-D-9958 det 4, det 5, det 9. CONTACT ASSEMBLY, time interval: for program discs; c/o fixed and movable cont, cam stop, support, spring bumper, frame and mtg bolts; approx 3 3/8" lg x 7/8" wd x 2 1/2" h	ea	1	1	1	3	6	27	X			
20	E-29	4H3086A/C6		ea	8	2	5	21	40	200	X			



21	E-30	4H3086A/C7	overall less mtg studs; Sig C dwg #SC-D-9960, #SC-D-9961. CONTACT ASSEMBLY, time interval: master 1-sec control; cont w/ springs, adj screws, cam stop, and mtg block; approx 4" lg x $\frac{3}{4}$ " wd x $\frac{3}{8}$ " thk overall; Sig C dwg #SC-D-9957, #SC-D-9958.	ea	1	1	1	4	7	34	X
22	O-5	4H3086A/C1	GEAR: spur; phosphor bronze, SAE #610; rotates disc assem; 20 deg involute teeth; 180 teeth 48 pitch, 3.750" PD; 3.791" OD 1.1874" ID, $\frac{1}{4}$ " thk; straight face; Sig C dwg #SC-D-9966 det 22, #SC-D-9963 det 9.	ea	1	1	1	2	4	20	X
23	O-3	4H3086A/G3.1	GEAR: worm; black phenolic type LTS-EM-2; drives pinion shaft; helical gear teeth; right hand; 92 teeth; 48 pitch, 1.916" PD, to mesh w/ $\frac{1}{3}$ " PD single thd worm; 2.042" OD, 0.3124" ID, $\frac{3}{16}$ " thk; straight face; hub $\frac{3}{4}$ " OD, 0.3124" ID, $\frac{5}{16}$ " thk; Sig C dwg #SC-D-9951 det 13.	ea	1	1	1	3	6	27	X
24	O-2	4H3086A/G.2	GEAR: worm; black phenolic, type LTS-EM-2, weather proofed; drives master 1-sec control; helical gear teeth; right hand; 23 teeth; 48 pitch, 0.479" PD, to mesh w/ $\frac{1}{3}$ " PD single thd worm; 0.605" OD, 0.2499" ID; $\frac{3}{16}$ " thk; straight face; hub $\frac{5}{16}$ " OD, 0.2499" ID, $\frac{1}{16}$ " thk; Sig C dwg #SC-D-9951 det 11.	ea	1	1	1	3	6	27	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE Depot, Base Per 100 Equip.	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE					
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th				
								Per 50 Equip.	Per 100 Equip.	Per 100 Equip.		
25	O-11	4H720	GEAR: spur; phosphor bronze, SAE 610; rotates 40-sec disc; 20 deg involute teeth; 72 teeth 48 pitch, 1.500" PD; gear 1.541" OD, 0.8657" ID, 7/8" thk, 2 1/2" OD, 1 1/16" thk overall; straight face; hub 1" OD, 0.8657" ID, 1/4" thk; Sig C dwg #SC-D-9966 det 24.	ea	1	1	1	2	4	20	X	
26	O-7	4H720-1	GEAR: spur; phosphor bronze SAE 610; transmits rotation from disc assem to 40-sec disc; 20 deg involute teeth; 90 teeth; 48 pitch, 1.875" PD; approx 1.916" OD, 1.1874" ID, 1/4" thk; straight face; hub 1 5/8" OD, 1.1874" ID, 3/8" thk; Sig C dwg #SC-D-9966 det 23.	ea	1	1	1	2	4	20	X	
27	O-8	4H720-2	GEAR: spur; phosphor bronze SAE 610; section of split gear that increases speed from disc assem to 40-sec disc; 20 deg involute teeth; 90 teeth; 48 pitch; 1.875" PD, 1.916"	ea	1	1	1	2	4	20	X	

28	O-8	4H720-3	OD, 0.2499" ID, $\frac{1}{8}$ " thk; straight face; three #6-32NC-2 taps on $\frac{1}{16}$ " rad spaced 120 deg apart w/bolts for assem w/other section of gear; Sig C dwg #SC-D-9966 det 25, #SC-D-9963 det 16, det 17.	ea	1	1	1	2	4	20	X
			GEAR: spur; phosphor bronze, SAE 610; section of split gear that increases speed from disc assem to 40-sec disc; 20 deg involute teeth; 90 teeth; 48 pitch, 1.875" PD; 1.916" OD, 0.2499" ID, $\frac{1}{8}$ " thk; straight face; hub $\frac{5}{8}$ " OD, 0.2499" ID, $\frac{1}{4}$ " thk; three 0.144" wd w/slots 0.269" lg on $\frac{1}{16}$ " rad spaced 120 deg apart for assem w/other section of gear; Sig C dwg #SC-D-9966 det 16.								
29	O-10	4H720-4	GEAR: spur; phosphor bronze, SAE 610; section of split gear that transmits rotation to 40-sec disc; 20 deg involute teeth; 108 teeth; 48 pitch, 2.250" PD; 2.291" OD, 0.2499" ID, $\frac{1}{8}$ " thk; straight face; three #6-32 NC-2 taps on $\frac{1}{16}$ " rad spaced 120 deg apart w/bolts for assem w/other section of gear; Sig C dwg #SC-D-9962 det 16, det 17.	ea	1	1	1	2	4	20	X
30	O-10	4H720-5	GEAR: spur; phosphor bronze, SAE 610 section of split gear that transmits rotation to 40-sec disc; 20 deg involute teeth; 108 teeth; 48 pitch, 2.250" PD; 2.291" OD, 0.2499" ID,	ea	1	1	1	2	4	20	X



ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEAS-URE	QUAN-TITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE Depot, Base Per 100 Equip.	EXPEND-ABILITY NOTE	
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE			Per 50 Equip.			Per 100 Equip.
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th					
31	-----	4H3086A/G4	<p><math>\frac{1}{8}</math>" thk; straight face; hub <math>\frac{5}{8}</math>" OD, 0.2499" ID, <math>\frac{1}{4}</math>" thk; three 0.144" wd slot 0.269" lg on <math>\frac{1}{16}</math>" rad spaced 120 deg apart for assem w/other section of gear; Sig C dwg #SC-D-9966 det 27.</p> <p>GOVERNOR: controls speed of motor at 1380 RPM; c/o stationary sub assem and rotating casting w/lifting lever, connectors, springs and adj screws; maintains 1380 RPM <math>\pm 0.25\%</math>; approx <math>3\frac{1}{2}</math>" lg x <math>1\frac{1}{4}</math>" wd x <math>2\frac{1}{2}</math>" h overall; Sig C dwg #SC-D-9954, #SC-D-9955, SC-D-9956.</p> <p>INSULATOR, bushing: XX black phenolic, weather proofed, <math>\frac{1}{8}</math>" h overall; <math>\frac{3}{8}</math>" ID, <math>\frac{1}{16}</math>" OD; Sig C dwg #SC-D-9955 det 16 (for governor assembly).</p>	ea	1	1	1	3	6	27	X		
32	E-33	3G100-69		ea	1	1	1	3	6	27	X		
33	E-4	4H3086A/B5.2	INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{5}{8}$ " lg	ea	8	1	2	7	12	62	X		

34	E-3	4H3086A/B5.1	overall; head $\frac{1}{16}$ " lg x $\frac{1}{4}$ " OD, body $\frac{3}{32}$ " lg x 0.150" OD, 0.0935" ID, overall; Sig C dwg #SC-D-9961 det 30 (insulates mounting screw of contact spring).	ea	8	1	2	7	12	62	X
			INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{1}{32}$ " lg overall; head $\frac{1}{16}$ " lg x $\frac{1}{4}$ " OD, body $\frac{5}{32}$ " lg x 0.150" OD, 0.0935" ID overall; Sig C dwg #SC-D-9961 det 31 (insulates mounting screw of contact spring).								
35	E-11	3G100.70	INSULATOR, bushing: spoolshape; XX black phenolic, weather proofed; $\frac{1}{32}$ " lg overall; shaft $\frac{1}{8}$ " lg x $\frac{3}{16}$ " OD, ends $\frac{3}{64}$ " thk x $\frac{3}{8}$ " OD, 0.067" drill through ctr, counterbored $\frac{1}{64}$ " diam x $\frac{3}{32}$ " d at one end; Sig C dwg #SC-D-9961, det 29 (for solderless connector of disc contact assembly).	ea	8	1	2	7	12	62	X
			INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{5}{16}$ " lg overall; head $\frac{1}{8}$ " lg x $\frac{1}{2}$ " OD, body $\frac{3}{16}$ " lg, $\frac{3}{8}$ " OD, 0.196" ID overall; Sig C dwg #SC-D-9961 det 28 (insulates stud that mounts disc contact assembly on base).								
36	E-8	4H3086A/B5.5	INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{5}{16}$ " lg overall; head $\frac{1}{8}$ " lg x $\frac{1}{2}$ " OD, body $\frac{3}{16}$ " lg, $\frac{3}{8}$ " OD, 0.196" ID overall; Sig C dwg #SC-D-9961 det 28 (insulates stud that mounts disc contact assembly on base).	ea	8	1	2	7	12	62	X
			INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{3}{64}$ " lg overall; head $\frac{1}{16}$ " lg x $\frac{1}{4}$ " OD, body $\frac{19}{64}$ " lg x 0.150" wd, 0.0935" ID overall; Sig C dwg #SC-D-9961 det 32								
37	E-1	4H3086A/B5.3	INSULATOR, bushing: XX black phenolic, weather proofed; $\frac{3}{64}$ " lg overall; head $\frac{1}{16}$ " lg x $\frac{1}{4}$ " OD, body $\frac{19}{64}$ " lg x 0.150" wd, 0.0935" ID overall; Sig C dwg #SC-D-9961 det 32	ea	16	1	4	12	22	115	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE Depot, Base	EXPEND-ABILITY NOTE	
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE		FIELD Repair Shop 4th	DEFOT Repair Shop 5th	Per 50 Equip.			Per 100 Equip.
38	E-34	3G100-71	(insulates mounting screw of cam stop). INSULATOR, bushing: XX black phenolic, weather proofed; 1/2" lg overall; 0.189" ID, 0.250" OD; Sig C dwg #SC-D-9955 det 15 (for governor assembly).	ea	1	1	1	3	6	27	X			
39	E-35	3G100-72	INSULATOR, bushing: XX black phenolic, weather proofed; 19/32" lg overall; 1/4" ID, 3/8" OD; Sig C dwg #SC-D-9947 det 6 (for motor lead binding posts).	ea	2	1	1	2	3	17	X			
40	E-9	4H3086A/B5.4	INSULATOR, bushing: XX black phenolic, weather proofed; 3/4" lg overall; slotted head 5/16" lg x 1/2" OD w/0.042" drill hole 5/32" d in under side for mtg pin, body 0.308" OD, 0.204" ID overall; Sig C dwg #SC-D-9961 det 26 (insulates terminal stud of disc contact assembly).	ea	8	1	2	8	15	72	X			



41	E-5	3G320-24	INSULATOR, plate: rectangular; black phenolic type LTS-E-2, weather proofed; $2\frac{1}{2}$ " lg overall; $\frac{1}{4}$ " wd x $\frac{1}{16}$ " thk overall, two 0.154" diam holes 0.344" c to c; Sig C dwg #SC-D-9960 det 5 (insulates contact spring and cam stop from support).	ea	16	1	4	14	25	135	X
42	E-36	3G320-25	INSULATOR, plate: rectangular; black phenolic type LTS-2, weather proofed; $1\frac{1}{4}$ " lg x 0.280" wd x $\frac{1}{64}$ " thk overall, two 0.405" diam holes, single 0.1065" diam hole spaced $\frac{1}{32}$ " c to c, $\frac{3}{16}$ " from one end; Sig C dwg #SC-D-9958 det 12 (spacer for mounting springs of master 1-second contact).	ea	2	1	1	4	7	34	X
43	E-7	3G320-26	INSULATOR, plate: rectangular; black phenolic type LTS-E-3, weather proofed; $2\frac{1}{16}$ " lg x $\frac{7}{8}$ " wd x $\frac{1}{32}$ " thk, single 0.201" hole and single $\frac{1}{32}$ " hole spaced $1\frac{9}{16}$ " c to c $\frac{11}{16}$ " from one end; Sig C dwg #SC-D-9951 det 4 (insulates 40-second disc contact from frame).	ea	1	1	1	1	2	12	X
44	E-37	3G320-27	INSULATOR, plate: rectangular; black phenolic type LTS-E-3, weather proofed; $6\frac{3}{4}$ " lg x $2\frac{5}{16}$ " wd x $\frac{1}{8}$ " thk overall, seven 0.201" diam holes spaced approx 1" apart ctr $\frac{11}{16}$ " from one edge, seven $\frac{11}{32}$ " holes spaced as above ctr $1\frac{1}{16}$ " from same edge; Sig C dwg #SC-D-9951 det 2 (insu-	ea	1	1	1	2	4	20	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE			Per 100 Equip.			
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th	Per 50 Equip.				
45	H-18	2Z5827.273	lates cam contact assemblies from frame). KNOB; round; steel, zinc coated; for 0.125" diam shaft; fastens w/0.040" diam x 1/4" lg steel pin; stamped w/clockwise arrow and "INC" filled w/permanent black 5/16" lg x 3/8" diam overall; 3/16" d shaft hole; med straight knurl; Sig C dwg #SC-D-9955 det 13 (turns governor adjustment screw). MOTOR, DC; series type; 1/35 hp, 1750 RPM, governor regulated; gov-erned at 1380 RPM; closed frame; dust-proof; worm mounted on shaft; motor 4 5/16" lg (excluding shaft) x 3 1/2" wd x 3 1/2" d overall; 0.232" shaft diam turned down to 0.1875" diam 1 1/4" lg from pulley end, pro-truding 1 1/2" from frame 24 v DC, 0.7 amp; Emerson Elec type 35208-AJ frame; ball bearing; Emerson	ea	1	1	1	1	1	4	X		
46	8-1	4H3086A/M1		ea	1	1	1	3	6	27	X		





18

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEAS- URE	QUAN- TITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE Depot, Base	EXPEND- ABILITY NOTE	
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE		FIELD Repair Shop 4th	DEPOT Repair Shop 5th	Per 50 Equip.			Per 100 Equip.
							1-4 Equip.	5-20 Equip.						
54	H-42	6L3841-7-1	PIN, locating: locates gear on one end and 60-sec disc on other end of shaft housing; drill rod steel; $\frac{7}{16}$ " lg x 0.09375" OD overall; Sig C dwg #SC-D-9963 det 9.	ea	4	1	1	1	2	3	17	X		
55	H-43	6L3941-4-3	PIN, locking: fastens knob on governor adjustment screw; steel; $\frac{1}{4}$ " lg x 0.040" diam.	ea	1	1	1	1	1	1	6	X		
56	H-44	6L3941-4-5	PIN, locking: locks bushing insulator into frame of disc cont assem; drill rod steel; $\frac{3}{8}$ " lg x 0.040" diam; Sig C dwg #SC-D-9961 det 20.	ea	8	1	2	7	15	70	X			
57	H-28	6L3941-4-6	PIN, locking: fastens worm and shaft extension on motor shaft; cold finished steel; head $\frac{3}{4}$ " diam x 0.031" thk, body 0.0625" diam x 0.281" lg; Sig C dwg #SC-D-9951 det 5.	ea	2	1	2	5	10	47	X			
58	H-45	6L3904-10F-1	PIN, taper: steel; MORSE, #4/0 taper; 0.103" largest diam, $\frac{5}{8}$ " lg overall (locates split gears on shaft).	ea	2	1	1	4	9	34	X			

59	O-67	3H4328.11-3	PLATE, spacer: for master 1-sec cont mtg; black phenolic type LTS-E-2, weather proofed; $1\frac{1}{16}$ " lg x $\frac{1}{2}$ " wd x $\frac{1}{16}$ " thk overall; Sig C dwg #SC-D-9958 det 13.	ea	1	1	1	1	2	10	X
60	E-31	3Z209	POST, binding: TM-109; screw; $\frac{3}{32}$ " diam overall x $1\frac{3}{4}$ " lg above mtg surface; $\frac{3}{4}$ " lg #10-32 NF-2 thd; bakelite cap and base; locating dowel pin; knurled cap; Sig C dwg #SC-D-530 (for terminal board).	ea	11	1	2	9	16	80	X
61	E-32	3Z239.1	POST, binding: TM-139; screw; $\frac{3}{32}$ " diam overall x $1\frac{3}{4}$ " lg above mtg hole; $1\frac{1}{16}$ " lg #10-32 NF-2 thd; bakelite cap and base; locating dowel pin; knurled cap; Sig C dwg #SC-D-530 (for connecting motor into circuit).	ea	2	1	1	2	4	20	X
62	R-1	3Z6001B2-6	RESISTOR, fixed: wire wound; 12.5 ohms $\pm 5\%$ ; 10 w; $2\frac{1}{2}$ " lg x $\frac{9}{16}$ " diam; 2 tab term approx $\frac{5}{8}$ " lg x $\frac{3}{32}$ " wd; IRC type #DH; (in series with motor circuit).	ea	1	1	1	1	2	12	X
63	R-2	3RC21AE101K	RESISTOR, fixed: composition; 100 ohms $\pm 10\%$ ; $\frac{1}{2}$ w; approx 0.655" lg x 0.249" diam; 2 axial wire leads; JAN type RC21AE101K (decreases interference of motor).	ea	1	1	1	2	3	14	X
64	R-3	3Z6012A5-2	RESISTOR, fixed: wire wound; 125 ohms $\pm 5\%$ ; 10 w; $2\frac{1}{2}$ " lg x $\frac{9}{16}$ " diam; 2 tab term approx $\frac{5}{8}$ " lg x $\frac{1}{4}$ " wd; International Type DH (minimizes arcing of governor contacts).	ea	1	1	1	1	2	10	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEAS. USE	QUAN- TITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE Depot, Base	EXPEND- ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE		FIELD Repair Shop 4th Per 50 Equip.	DEPOT Repair Shop 5th Per 100 Equip.			
							1-4 Equip. 5-20 Equip.						
65	H-18	6L4713-9	SCREW, adjustment: for movable governor cont assem; cold finished steel, zinc coated; $\frac{9}{16}$ " lg x 0.187" diam overall; #3-48 NC-2 thd to collar, $\frac{1}{4}$ " of shaft has #60 drill hole and $\frac{1}{16}$ " lg straight knurl $\frac{1}{16}$ " from end; Sig C dwg #SC-D-9955 det 14.	ea	1	1	1	1	2	12	X		
66	H-9	6L6256-5.1	SCREW, machine: slot drive; RH; brass, #2-56, NC-2; $\frac{5}{16}$ " lg full thd (mounts disc contact spring).	ea	8	1	2	7	13	62	X		
67	H-10	6L6256-6.49S	SCREW, machine: slot drive; RH; steel, cad or zinc plated w/iridite treatment; #2-56, NC-2; $\frac{3}{8}$ " lg; full thd (mounts disc contact spring).	ea	8					62	X		
68	H-8	6L6256-7.1	SCREW, machine: slot drive; RH; brass; #2-56, NC-2; $\frac{7}{16}$ " lg; full thd (mounts disc cam stop).	ea	16	1	1	6	10	48	X		
69	H-30	6L6348-2.35H	SCREW, machine: slot drive; fl H, unfinished; brass; #3-48 NC-2; $\frac{1}{8}$ " lg;	ea	1	1	1	1	1	6	X		



70	H-47	6L6348-4.1SF	full thd; cone point (mounts stop on governor contact lifting lever). SCREW, machine: slot drive; RH, unfinished; steel, phosphate finished; #3-48 NC-2; 1/4" lg; full thd (fastens bumper on stud assembly).	ea	1	1	1	1	1	6	X
71	H-31	6L6348-6.3	SCREW, machine: slot drive; fl H unfinished brass; #3-48 NC-2; 13/32" lg 1/4" lg thd; 3/32" thk x 1/8" diam head; 1/4" diam x 1/16" thk shoulder; flat point; Sig C dwg #SC-D-9956 det 7 (adjusts balance of rotating part of governor assembly).	ea	1	1	1	1	1	6	X
72	H-48	6L6440-4.32S	SCREW, machine: slot drive; Fl HD, unfinished steel, normal hardness, zinc coated; #4-40 NC-2; 1/4" lg; full thd; corners at point slightly rounded; Sig C dwg #SC-D-9953 det 4 (fastens master 1-second cam on shaft).	ea	2	1	1	1	1	10	X
73	H-49	6L6632-3.49S	SCREW, machine: slot drive; RH; steel; #6-32 NC-2; 3/16" lg; full thd (fastens cover on master 1-second contact assembly).	ea	3	1	1	2	3	13	X
74	H-1	6L6632-5.49S	SCREW, machine: slot drive; RH; steel; #6-32 NC-2; 5/16" full thd (holds 40-second disc assembly on shaft).	ea	1	1	1	1	1	6	X
75	H-50	6L6632-5.5SF	SCREW, machine: slot drive; washer head; steel, normal hardness phosphate finished #6-32 NC-2; 5/16" lg; full thd; (fastens cover on governor).	ea	4	1	1	2	3	17	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE Depot, Base	EXPEND-ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE			Per 100 Equip.			
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th	Per 50 Equip.				
											1-4 Equip.		
76	H-51	6L6632-8.49S	SCREW, machine: slot drive; RH; steel, cad or zinc plated w/iridite treatment; #6-32 NC-2; 1/2" lg; full thd (fastens motor on frame).	ea	4	1	1	1	2	10	X		
77	H-52	6L626-8HF	SCREW, machine: slotted hex head, unfinished; steel, normal hardness, phosphate finished, #6-32 NC-2 thd; 1/2" lg; full thd; Sig C dwg #SC-D-9963 det 16, det 17 (joins two sections of split gear).	ea	6	1	1	3	5	23	X		
78	H-53	6L6632-44.49S	SCREW, machine: slot drive; RH; unfinished; steel, zinc coated; #6-32 NC-2 thd; 2 3/4" lg; full thd; (fastens 120 ohm resistor on frame).	ea	1	1	1	1	1	4	X		
79	H-7	6L7032-6.49S	SCREW, machine: slot drive; RH; steel, cad or zinc plated w/iridite treatment; #10-32 NF-2 thd; 3/8" lg; full thd (fastens gear on 40-second disc).	ea	3	1	1	1	2	8	X		
80	H-55	6L7032-8.49S	SCREW, machine: slot drive; RH; steel, cad or zinc plated w/iridite	ea	2	1	1	1	2	10	X		

81	H-54	6L4904-12.3SF	treatment; #10-32 NF-2; $\frac{1}{2}$ " lg; full thd (fastens stationary part of governor on frame). SCREW, machine: slot drive; Fil HD, unfinished; steel, normal hardness phosphate finished; # $\frac{1}{4}$ "-20 NC-2; $\frac{3}{4}$ " lg; full thd; (fastens hub blocks on frame).	ea	4	1	1	1	2	10	X
82	H-35	4L7920-4-32.12S	SCREW, machine: slot drive; Fil HD, unfinished steel, normal hardness, cad, steel, or zinc plated w/iridite treatment; # $\frac{1}{4}$ "-20 NC-2; 2" lg full thd (fastens frame to base).	ea	4	1	1	1	2	10	X
83	H-56	6L18506-2.33	SCREW, set: slot drive; headless; steel; phosphate finished; #6-32 NF-2; $\frac{1}{8}$ " lg; cup point (fastens collars on master 1-second control drive shaft).	ea	4	1	1	1	2	10	X
84	H-57	6L18506-3.312	SCREW, set: slot drive; headless; steel; phosphate finished; #6-32 NC-2; $\frac{3}{8}$ " lg; cup point (for collars on pinion shaft).	ea	4	1	1	1	2	10	X
85	H-32	6L18510-2.31C	SCREW, set: slot drive; headless; steel; normal hardness, zinc coated; #10-32 NF-2; $\frac{1}{8}$ " lg; cup point; (fastens governor on motor shaft).	ea	2	1	1	1	2	10	X
86	H-58	6L18510-3.31F	SCREW, set: slot drive; headless; steel; normal hardness, phosphate finished; #10-32 NF-2; $\frac{3}{8}$ " lg; cup point; (fastens split gears on shaft).	ea	2	1	1	1	2	10	X
87	H-60	6L18510-4.31F	SCREW, set: slot drive; headless; steel; normal hardness, phosphate finished; #10-32 NF-2; $\frac{1}{4}$ " lg; cup point	ea	2	1	1	1	2	10	X



ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE						SUPPLY STOCK GUIDE	EXPENDABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL	STOCK GUIDE			Per 50 Equip.	Per 100 Equip.		
							Fixed Station	FIELD Repair Shop	DEPOT Repair Shop				
												2nd	
						1-4 Equip.	5-20 Equip.						
88	H-59	6L18510-4.35F	(fastens worm gear on master 1-second drive shaft). SCREW, set: slot drive; headless; steel; normal hardness; phosphate finished; #10-32 NF-2; 1/4" lg; cone point; (fastens gear on disc shaft housing). SCREW, set: slot drive; headless; steel; normal hardness, phosphate finished; #10-32 NF-2; 3/8" lg; cup point; (fastens worm gear on pinion drive shaft, fastens extension on motor shaft). SHAFT: mounts bushing for soldering connector or screw; stainless steel type 416; 7/8" lg x 0.0635" diam; 3/4" of one end flattened to 3/8" wd; Sig C dwg #SC-D-9960 det 12.	ea	2	1	1	1	2	10			X
89	H-61	6L18510-6.31F		ea	2	1	1	1	2	10			X
90	O-68	4H1906		ea	8	1	1	2	3	17			X
91	O-4	4H3086A/S4		ea	1	1	1	1	1	4			X

92	O-61	4H3086A/S7	flatted portion $\frac{3}{32}$ " d, 20 deg involute spur gear teeth $\frac{1}{16}$ " lg other end, 48 pitch, 12 teeth; $\frac{1}{4}$ " PD; Sig C dwg #SC-D-9952 det 15.	ea	8	1	3	12	22	115	X
			SPRING: helical extension; adj tension on disc cont mtg arm; 0.0159" diam stainless steel type 304 wire; $1\frac{1}{32}$ " lg x $\frac{3}{16}$ " diam overall; approx 20 turns; Sig C dwg #SC-D-9961 det 13.								
93	O-62	4H3086A/S8	SPRING: helical compression type; for cont brush holder; #24 copper wire; approx $\frac{3}{8}$ " lg when compressed x $\frac{1}{32}$ " diam overall.	ea	2	1	1	4	2	34	X
			SPRING: helical extension type; balance rotating part of governor; 0.0118" diam spring steel wire, parkolubricized; approx $1\frac{1}{4}$ " lg x $\frac{1}{8}$ " diam overall without lead; Sig C dwg #SC-D-9956 det 4.	ea	1	1	1	2	4	20	X
94	O-63	4H1911-1									
95	O-64	4H1911	SPRING: helical extension type; tension on movable cont, adjusted to control speed of governor; 0.006" diam spring steel wire, parkolubricized; approx 0.6" lg x $\frac{3}{64}$ " diam overall without lead; Sig C dwg #SC-D-9955 det 22.	ea	1	1	1	2	4	20	X
			STOP, cam: for disc cont spring; steel, case hardened; no dimen greater than 1"; Sig C dwg #SC-D-9960 det 6.	ea	8	1	1	3	6	29	X
96	O-26	4H3086A/S5									
97	O-46	4H1913	STOP, cam: for master 1-sec cont spring; black phenolic type LTS-	ea	1	1	1	1	2	12	X

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE Depot, Base	EXPEND. ABILITY NOTE
						AUTHORIZED ALLOWANCES ORGANIZATIONAL Fixed Station 2nd	STOCK GUIDE			Per 100 Equip.		
							FIELD Repair Shop 4th	DEPOT Repair Shop 5th	Per 100 Equip.			
98	O-41	4H1913-1	E-2, weather proofed; no dimen greater than one inch, Sig C dwg #SC-D-9958 det 14. STOP, lever: for movable cont of governor; XX black phenolic, weather proofed; $1\frac{1}{2}$ " h x $\frac{3}{16}$ " OD overall; Sig C dwg #SC-D-9956 det 5. STRAP, connector: connects movable disc contact to common of circuit; #34 (.006") phosphor bronze; curved into irregular shape; 0.865" wd x 1.209" h x $\frac{3}{16}$ " d; spade ends for mechanical connection; Sig C dwg #SC-D-9960 det 10.	ea	1	1	1	1	1	6	X	
99	E-38	4H3086A/C9		ea	8	1	2	5	10	49	X	
100	3F	3F3914.2	STROBOSCOPE: 46 vibrations per sec, fixed freq not calibrated; $11\frac{1}{2}$ " lg x 2.3778" wd x 1.0658" thk overall; accuracy $\pm 0.05\%$ at 20 deg C; manually operated, metal case; tuning fork w/slotted diaphragm attached to ea prong for checking speed	ea	1	1	1	1	2	12	X	



				of motor at 1380 RPM in TIME INTERVAL APPARATUS EE-86- A; Sig C dwg #SC-D-9970.										
101	H-62	6L31123	ea	8	1	2	5	10	49	X				

of motor at 1380 RPM in TIME  
INTERVAL APPARATUS EE-86-  
A; Sig C dwg #SC-D-9970.

STUD: steel; phosphate finished;  $\frac{3}{8}$ "  
lg overall  $\frac{1}{8}$ " lg flattened to  $\frac{1}{16}$ " thk;  
 $\frac{1}{4}$ " lg #5-40 NC-2; 0.052" hole in  
ctr of flattened part; (fastens con-  
tact support spring).

STUD: brass;  $2\frac{5}{16}$ " lg overall; full thd  
#10-32 NF-2; Sig C dwg #SC-D-  
9961 det 24 (mounts contact assembly  
in frame).

STUD: brass;  $2\frac{5}{16}$ " lg overall; one end  
has  $1\frac{3}{4}$ " lg #10-32 NF-2 thd, op-  
posite end has slot 0.065" wd x  $\frac{3}{16}$ " d;  
 $1\frac{3}{16}$ " lg x  $\frac{3}{16}$ " wd terminal strip w/-  
#2-56 NC-2 tap inserted and brazed  
in slot, incl  $\frac{3}{16}$ " lg #2-56 NC-2 screw;  
Sig C dwg #SC-D-9961 det 22 and  
det 23 (mounts contact assembly on  
frame).

STUD ASSEMBLY: adj cont bumper;  
c/o 1" lg #10-32 NF-2 Fil H mach  
screw w/#10-32 NF-2 nut and SAE  
reg lock washer,  $\frac{1}{4}$ " lg #3-48 NC-2  
RH mach screw w/washer, and  
washer, for std #6-screw; steel, zinc  
coated; approx  $1\frac{1}{4}$ " lg x  $\frac{5}{16}$ " diam  
overall; Sig C dwg #SC-D-9960  
det 9.

SWITCH, toggle: DPST; 25 amp 125  
v AC, 9 amp 250 v AC; plastic body;

ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY STOCK GUIDE	EXPEND. ABILITY NOTE	
						AUTHORIZED ORGANIZATIONAL	STOCK GUIDE		Per 50 Equip.	Per 100 Equip.			Per 100 Equip.
							FIELD	DEPOT					
						1-4 Equip.	5-20 Equip.	4th	5th				
106	H-63	6L52003-2	1 $\frac{21}{64}$ " lg x $\frac{49}{64}$ " wd x 11 $\frac{1}{16}$ " d overall; 1 $\frac{1}{16}$ " lg bat type handle; locking action, normally open; solder lug term; JAN type ST52K (controls stop and start mechanism). WASHER, flat: XX black phenolic, weather proofed, round, 1 $\frac{3}{4}$ " ID, $\frac{7}{8}$ " OD, $\frac{1}{8}$ " thk; 0.144" drill hole on $\frac{1}{4}$ " rad; Sig C dwg #SC-D-9947 det 8 (for motor lead binding posts).	ea	2	1	1	2	4	20	X		
107	H-64	4H3086A/W1	WASHER, flat: XX black phenolic, weather proofed; round, 0.196" ID, $\frac{1}{2}$ " OD, $\frac{1}{8}$ " thk; Sig C dwg #SC-D-9961 det 27 (for terminal stud of disc contact assembly). WASHER, flat: XX black phenolic, weather proofed; round 0.204" ID, $\frac{9}{32}$ " OD, $\frac{1}{32}$ " thk; Sig C dwg #SC-D-9955 det 24 (for governor assembly).	ea	8	1	2	7	13	62	X		
108	H-65	6L52005-2	WASHER, flat: XX black phenolic, weather proofed; round 0.204" ID, $\frac{9}{32}$ " OD, $\frac{1}{32}$ " thk; Sig C dwg #SC-D-9955 det 24 (for governor assembly).	ea	2	1	1	2	4	20	X		

109	H-33	6L52011-3	WASHER, flat: XX black phenolic, weather proofed, round, $\frac{3}{8}$ " ID, $1\frac{1}{4}$ " OD, $\frac{1}{32}$ " thk; Sig C dwg #SC-D-9955 (for governor assembly).	ea	2	1	1	2	4	20	X
110	H-66	6L52011-2	WASHER, flat: XX black phenolic, weather proofed; round, $\frac{13}{32}$ " ID, $\frac{7}{8}$ " OD, $\frac{1}{8}$ " thk; Sig C dwg #SC-D-9947 det 7 (for motor lead binding posts).	ea	2	1	1	2	4	20	X
111	H-67	6L52003-1	WASHER, flat: XX black phenolic, weather proofed; round w/one flat side and rectangular cut 90 deg, $0.189$ " ID, $1$ " OD x $\frac{3}{4}$ " wd, $\frac{1}{32}$ " thk overall; rectangular cut is $\frac{19}{64}$ " wd x $\frac{7}{32}$ " d; Sig C dwg #SC-D-9955 det 9 (for governor assembly).	ea	1	1	1	1	2	12	X
112	H-68	6L58006C	WASHER, flat: steel, zinc coated or phosphate finished; round, STD for #6-screw (for various #6-screws).	ea	11	1	1	4	7	36	X
113	H-69	6L58004-1C	WASHER, flat: steel, cad or zinc plated w/iridite treatment, round, STD for $\frac{1}{4}$ " screw (for bolts that fasten frame on base).	ea	8	1	1	3	6	29	X
114	H-70	6L70002-1C	WASHER, lock: steel, zinc coated; SAE reg for #2 screw; split ring type (for master 1-second cam stop mounting).	ea	2	1	1	1	2	10	X
115	H-71	6L70010-2C	WASHER, lock: steel, cad or zinc plated w/iridite treatment, round, SAE reg for #10-screw; split ring type.	ea	35	1	3	10	10	97	X
116	H-72	6L71004C-1	WASHER, lock: steel, cad or zinc plated w/iridite treatment, round,	ea	8	1	1	3	6	29	X



ITEM NO.	REFERENCE SYMBOL	STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITY PER EQUIP.	MAINTENANCE					SUPPLY	EXPEND-ABILITY NOTE	
						AUTHORIZED ORGANIZATIONAL ALLOWANCES Fixed Station 2nd	STOCK GUIDE		FIELD Repair Shop 4th	DEPOT Repair Shop 5th			STOCK GUIDE Per 100 Equip.
						1-4 Equip.	5-20 Equip.	Per 50 Equip.	Per 100 Equip.	Per 100 Equip.			
117	O-1	4H3086A/W2	SAE reg for 1/4" screw; split ring type (for bolts in frame). WORM, gear: drive rotating mechanism; steel, drill rod; 1/2" lg single thd, RH, 48 pitch, 0.3333 PD, 0.3749" OD, 0.1875" ID 5/8" lg overall; Sig C dwg #SC-D-9951 det 7.	ea	1	1	1	3	6	27	X		

## STOCK NUMBER LIST

Stock No.	Item No.	Stock No.	Item No.	Stock No.	Item No.	Stock No.	Item No.
2Z5827.273	45	3G320-25	42	3Z209	60	4H720-2	27
3DA100-837	13	3G320-26	43	3Z239.1	61	4H720-3	28
3DB1-208	14	3G320-27	44	3Z6001B2-6	62	4H720-4	29
3F3914.2	100	3H305-5	1	3Z6012A5-2	64	4H720-5	30
3G100-69	32	3H330-24	5	3Z9863-52K	105	4H1906	90
3G100.70	35	3H330-25	3	4H313	18	4H1911	95
RG100-71	38	3H330-26	4	4H313-1	19	4H1911-1	94
RG100-72	39	3H4328.11-3	59	4H720	25	4H1913	97
3G320-24	41	3RC21AE101K	63	4H720-1	26	4H1913-1	98

# STOCK NUMBER LIST

Stock No.	Item No.	Stock No.	Item No.	Stock No.	Item No.	Stock No.	Item No.
4H3086A/A1	104	4H3086A/M1	46	6L3941-4-3	55	6L18506-3.312	84
4H3086A/B1.1	2	4H3086A/S2.1	16	6L3941-4-5	56	6L18510-2.31C	85
4H3086A/B4.1	7	4H3086A/S4	91	6L3941-4-6	57	6L18510-3.31F	86
4H3086A/B5.1	34	4H3086A/S5	96	6L4713-9	65	6L18510-4.31F	87
4H3086A/B5.2	33	4H3086A/S6.1	17	6L4904-12.3SF	81	6L18510-4.35F	88
4H3086A/B5.3	37	4H3086A/S7	92	6L6256-5.1	66	6L18510-6.31F	89
4H3086A/B5.4	40	4H3086A/S8	93	6L6256-6.49S	67	6L31123	101
4H3086A/B5.5	36	4H3086A/W1	107	6L6256-7.1	68	6L31229	102
4H3986A/B6	8	4H3086A/W2	117	6L6348-2.35H	69	6L31232	103
4H3086A/C1	22	4L7920-4-32.12S	82	6L6348-4.1SF	70	6L52003-1	111
4H3086A/C1.1	9	6L626-8HF	77	6L6348-6.3	71	6L52003-2	106
4H3086A/C2.1	10	6L3110-32-4	49	6L6440-4.32S	72	6L52005-2	110
4H3086A/C3.1	11	6L3506-24-10-1	52	6L6632-3.49S	73	6L52011-2	108
4H3086A/C4.1	12	6L3506-24-64S	53	6L6632-5.5SF	75	6L52011-3	109
4H3086A/C6	20	6L3005-40-3F	47	6L6632-5.49S	74	6L58004-1C	113
4H3086A/C7	21	6L3606-32-3	48	6L6632-8.49S	75	6L58006C	112
4H3086A/C8	15	6L3606-32-4F	51	6L6632-44.49S	78	6L70002-1C	114
4H3086A/C9	99	6L3610-32.3	50	6L7032-6.49S	79	6L70010-2C	115
4H3086A/G.2	24	6L3841-7-1	54	6L7032-8.49S	80	6L71004C-1	116
4H3086A/G3.1	23	6L3904-10F-1	58	6L18506-2.33	83	6Z1018.1	6
4H3086A/G4	31						

## BASIC ISSUE ITEMS

(The following listed items comprise the current basic issue equipment consisting of those items required for initial operation, running spare parts and accessories.)

STOCK NO.	DESCRIPTION	UNIT OF MEASURE	QUANTITIES REQUIRED		
			FOR INITIAL OPERATION	RUNNING SPARES AND ACCESSORIES	TOTALS
4H3086A	TIME INTERVAL APPARATUS, EE-86-A:				
	Includes the following items:				
4H3086AZ	BARE UNIT-----	ea	1	-----	1
3F3914.2	STROBOSCOPE: 46 vibrations per sec; fixed frequency-----	ea	1	-----	1
TM-11-445	TECHNICAL MANUAL TM 11-445-----	ea	-----	2	2