TM11-227

WAR DEPARTMENT TECHNICAL MANUAL

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY

RADIO COMMUNICATION EQUIPMENT

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WAR DEPARTMENT TECHNICAL MANUAL TM 11-227 • RESTRICTED REGEADED

This manual supersedes the Secret Information Letter; other special Communication Equipment Directories, and the Signal Communication Equipment Directory, April 1943 Issue, formerly published by the Chief Signal Officer.

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY

RADIO COMMUNICATION EQUIPMENT



WAR DEPARTMENT

10 APRIL 1944

Washington: 1944

WAR DEPARTMENT,

Washington 25, D. C., _____________

TM 11-227, Signal Communication Equipment Directory—Radio Communication Equipment, is published for the information and guidance of all concerned.

[A. G. 300.7 (10 Mar. 44).]

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL, Chief of Staff.

OFFICIAL:

J. A. ULIO,

Major General,

The Adjutant General.

Distribution:

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY - RADIO COMMUNICATION EQUIPMENT.

THE PURPOSE OF THIS MANUAL IS TO PRESENT, IN A SINGLE VOLUME, A CONDENSATION AND COMPILATION OF DATA PERTAINING TO SIGNAL CORPS RADIO COMMUNICATION EQUIPMENT. IT IS ISSUED IN LOOSE-LEAF FORM, SO THAT ADDITIONAL SHEETS OR REVISIONS OF OLD SHEETS CAN BE ADDED.

THE TABLE OF CONTENTS IN THE FRONT OF THE VOLUME LISTS ALL SETS BY FUNCTIONAL GROUPS, SHOWING PAGE NUMBERS; THE INDEX IN THE BACK OF THE VOLUME LISTS ALL THE SETS DESCRIBED IN ALPHABETICAL AND NUMERICAL ORDER, SHOWING INDIVIDUAL PAGE NUMBERS; AND, FINALLY, THE PAGES OF THE BOOK ARE ASSEMBLED SO THAT THE NOMENCLATURE OF THE SETS RUNS ALPHABETICALLY AND NUMERICALLY THROUGHOUT.

THIS MANUAL SUPERSEDES THE SECRET INFORMATION LETTER; OTHER SPECIAL COMMUNICATION EQUIPMENT DIRECTORY, APRIL 1943 ISSUE, FORMERLY PUBLISHED BY THE CHIEF SIGNAL OFFICER.

(ALL INFORMATION CONTAINED HEREIN IS BASED ON LATEST DATA AVAILABLE 1 MARCH 1944)

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1-1 (XA-1) 80T C-X4-2/ABÅ-1 (XA-1) RADJO SET SCR-274-N		SET	FREQUENCY RANGE: (Mo) .190 -1.5 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: FIXED OR ROTATABLE LOOP AND SENSE ANTENNA. TUNING: (MO OR XTAL) SINGLE CONTROL. SENSITIVITY: SELECTIVITY: POWER SOURCE: 28 VOLTS D. C. SIMILAR SETS: SCR-186 POWER OUTPUT: (WATTS) NONE TUBES: (Type and Number) 1-12SK7 1-12SR7 2-12AH7GT.				OO MILES, IC. TH: AIRBORNE.	AND/OR BC-946 TO GIVE FT-RIGHT RADIO COMPASS , DEPENDING UPON AIRCRAFT LEFT-RIGHT COMPA		
		S ADAPTE		PART G- PRINCIPA (CLASSIFICATION:	AL COMPON	NENTS				
	-	XOMPASS INTED E	ITEM		HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION	
		COMPASS ADATTS AVISAT-1 (AL-1) (RECITIVE AVISAT-1 (AL-1) (RECITIVE AVISAT-1 (COMPONENTS OF RADIO (MODULATOR UNIT MD-XA-1/ARA-1(XA-1) SHOWN MOL	COMPASS MODULATOR INDICATOR 1-75-A INDICATOR 1-65-A CONTROL BOX			7-3 e s		7.0# 1.87# 1.75# 3.00#	UNCLASSIFIED UNCLASSIFIED	
		C. C.	COMBINED WEIGHT OF COMPONENTS					14# (APPROXIMATE)	
			COMBINED VOLUME OF COMPONENT	S:				400 Cu. I	N.	
			SHIP TONNAGE:		1			-	100	

AN/ARN-5 NOMENCLA DESIGNATION			E: SEE IND			STATUS:	, some	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B	TACTICAL	ESTRICTE	ERISTICS	CHANGE IN STATUS:		
FREQUENCY RANGE: (MG) 335 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ONE ANTENNA: AS-27/ARN-5 TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 V. AIRCRAFT BATTERY. SIMILAR SETS: NONE. POWER OUTPUT: (WATTS) NONE. TUBES: (Type AND NUMBER) (TENTATIVE) (BENDIX MODEL) 2-12AH7GT; 1-28D7; 1-2507; 8-6AK5 (EMERSON MODEL) 1-15SR7GT; 2-12SN7GT; 1-28D7; 8-6AK5 (EMERSON MODEL) 1-6SL7GT; 1-12SN7GT; 1-28D7; 8-955.	TO F	PILOT APPROA	WITH: AN PART: AN CH REPLACE AIRBORN	V/CRN-2	R FOR GIVING R INSTRUMENT A PART OF A SYS-		PART OF RADIO SET AN/ARN-5. DI	
PART C- PRINCIPAL		IENTS					RADIO RECEIVER R-15/A SET AN/ARN-5. DEV	RN-5. PART OF RADIO ELOPMENTAL MODEL
ITEM		WIDTH	DEPTH	WEIGHT	CLASSIFICATION			
RADIO RECEIVER, R-15/ARN-5; R-47/ARN-5 OR R-57/ARN-5	6-1/2"	6"	8 n	8#	TOPON COLUMNS TOPON COLUMNS COLUMNS		A-TA-IS/ADM-S/MA-B sime next a row at visit c d 4002-ABI-49 A-181 A	
COMBINED WEIGHT OF COMPONENTS:				10# APP	ox.			
COMBINED VOLUME OF COMPONENTS: SHIP TONNAGE:					Capital Skie (

INSTRUCTIONAL LITERATURE:	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS NOMENCLA' FOR SECTION CLASSIFICATION. DESIGNATION		A	N/I	ARI	N-6		
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)					
		FREQUENCY RANGE: (Mo) .100 to 1.750 NUMBER OF CRYSTALS: PRESET FREQUENCIES:	USE:	AUTOMATIO PRIMARILY AIRPLANES.	USED FOR	PASS SIMIL Navigation	AR TO SCR-269		
	loss .	ANTENNA: Loop, FIXED OR ROTATABLE, WITH REMOTE IN DIGATION OF LOOP POSITION. (DUAL REMOTE CONTROL AND ONE SET OF LOCAL CONTROLS.)	N- OL RANGE	(MILES)					
		TUNING: (MO OR XTAL)	TO CO	MMUNICATE W	ITH:				
Parc		SENSITIVITY: 50 MICROVOLTS/METER. SELECTIVITY							
		POWER SOURCE: 24 VOLTS DC SIMILAR SETS: SCR-269 (AN/ARN-6 IS TO BE @MALLER THAN RADIO SET SCR-269)	harman	AN /ARN-6	SCR-269 A	IGHTER IN	RADIO SET WEIGHT THAN SO BE SIMPLER		
A		THAN RADIO SET SCR-269)		The state of the s					
	/	POWER OUTPUT (WATTS) NOME	TRANSPORTATION: AIRBORNE IN			INSTALLAT	ION		
		TUBES: (TYPE AND NUMBER) TUBE DATA NOT AVAILABLE AT PRESENT.	TYPE	OF SIGNAL:	CW - MCW	AND VOICE			
			RESTRICT	NENTS					
	1	A STATE OF THE STA	TILOT-TICT	DIMENSIONS		T			
		S ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION		
		1 RADIO COMPASS UNIT	The state of						
		2 RADIO CONTROL BOX		1		1500 20	THE REAL PROPERTY.		
		1 Loop			E TO ATE Y				
		2 Indicators							
		2 INDIGATORS					Charle toxi		
						The same			
		(NO FURTHER DATA ON COMPONENTS							
		AVAILABLE AT PRESENT.				- 1	PRIVADISH !		
		The second secon					and mine		
		COMBINED WEIGHT OF COMPONENTS: (ESTIMATED)				50#	a unition		
		COMBINED VOLUME OF COMPONENTS:				1500	CUBIC INCHE		
	THE RESERVE THE PARTY OF THE	SHIP TONNAGE:		N. Pare			MAXIMUM		

SAN/ARN-7 NOMENCLATURE DESIGNATION

· NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS:

*ARMY-NAVY-BRITISH STANDARD BY J.A.C. CASE #205. INSTRUCTIONAL LITERATURE:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 0.1 - 1.75

NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: NONE

ANTENNA: LOOP AND SENSE ANTENNA

TUNING: (MO OR XTAL) REMOTE MANUAL

SENSITIVITY: 40 MV./METER

SELECTIVITY: 10 TIMES RESONANT INPUT FOR 6.3KG

POWER SOURCE: 110 V. 400 CYCLES A-C

SIMILAR SETS: SCR-269 (INTERCHANGEABLE BY COMPONENTS)

POWER OUTPUT: (WATTS)

TUBES: (TYPE AND NUMBER) 2 - VT - 66 1 VT - 94
1 - VT - 74 1 VT - 96
4 - VT - 86 1 VT - 105
1 - VT - 87 2 VT - 109
2 - VT - 93

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

USE: AIRBORN AUTOMATIC DIRECTION-FINDER. GIVES AUTOMATIC BEARING INDICATION OF THE DIREC-TION OF ARRIVAL OF RADIO FREQUENCY ENERGY. ALSO AURAL RECEPTION OF CW, MCW, OR VOICE ON LOOP OR ANTENNA.

RANGE: ACCURATE BEARINGS TO ABOUT 100 MILES DAYTIME. SUBJECT TO NIGHT EFFECT ERRORS.

TO COMMUNICATE WITH:

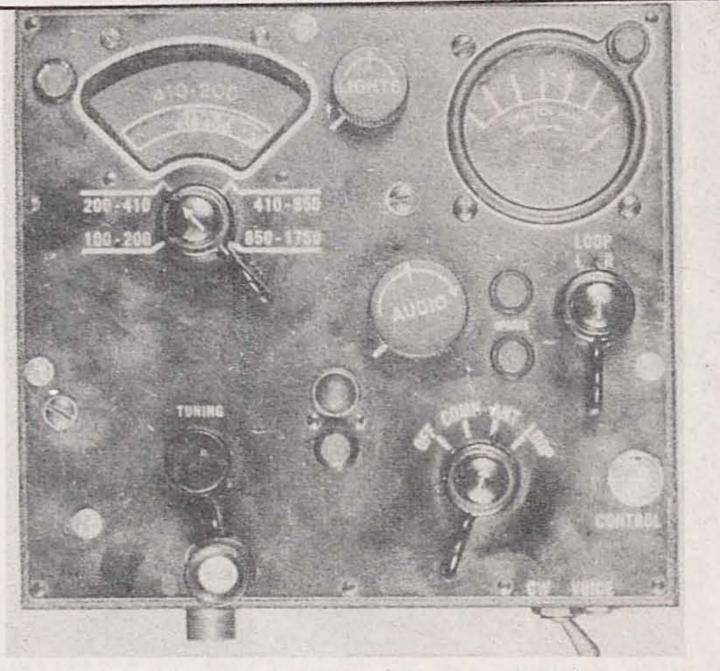
TO REPLACE IN PART: SCR-269

TRANSPORTATION: AIRBORNE

TYPE OF SIGNAL: CW, MCW, VOICE



RADIO COMPASS UNIT #R-5/ARN-7 PART OF DEVELOPMENTAL MODEL OF RADIO COMPASS #AN/ARN-7



FRONT PANEL VIEW OF RADIO CONTROL BOX #C-4/ARN-7
PART OF DEVELOPMENTAL MODEL OF RADIO COMPASS #AN/ARN-7

PART C- PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

		DIMENSIONS				
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATIO	
1 RADIO COMPASS UNIT	7 7/8"	12"	19 13/16"		RESTRICTED	
2 RADIO CONTROL BOX	7 1/2"	7 1/2"	3 15/16"	3.76#	RESTRICTED	
1 Loop LP-21	25 3/8"	14 31/32m	9"	10.37#	UNCLASSIFIED	
1 INDICATOR I-81	3 1/4"	3 1/4"	3 11/16"	•75#	UNCLASSIFIED	
1 INDICATOR 1-82	5 1/8"	5 1/8"	4 3/32"	1.19#	UNCLASSIFIED	
1 RELAY BK-22	11 3/4"	7"	3"	6.40#	UNCLASSIFIED	
COMBINED WEIGHT OF COMPONENTS:				75 LBS.		
COMBINED VOLUME OF COMPONENTS:			ENTOUGH)	5121 cu.	IN.	
SHIP TONNAGE:				0.0296T		

INSTRUCTIONAL LITERATURE:	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	A	N/	CRI	1-1		
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTER (CLASSIFICATION: RESTRICTED		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)					
		FREQUENCY RANGE: (Mo) 1.45 - 1.70 NUMBER OF CRYSTALS: NOME PRESET FREQUENCIES: ANTENNA: TELESCOPING WHIP TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVI POWER SOURCE: BATTERIES	ITY:	HOMING BY	LLY TRANSMEANS OF ROURS AND T	HATER.	AL FOR SS SCR-269.		
·		SIMILAR SETS: NOME POWER OUTPUT: (WATTS) LESS THAN ONE TUBES: (Type and Number) 2 - 6V6GT	STATE OF STREET	TO REPLACE IN PARTICULAR TYPE OF SIGNAL:	ART:				
			PART C-PRINCIPAL (CLASSIFICATION: RES						
The state of the s	9/	ITEM	F	DIMENSION HEIGHT WIDTH	DEPTH	WEIGHT	CLASSIFICATION		
	4	RADIO TRANSMITTER T-2/CRN - 1 BATTERY BA-201/CRN-1 * Height of Transmitter not ext	ENDED.	Li * 8™ DIAMETER			RESTRICTED		
PARACHUTE MX-91/CRN-1; PART EQUIPMENT AN, (1) STATIC LINE. (2) CONTAINER TER RING RELEASE MECHANISM. (2) LINE. (5) RED CORD, TO BE FASTE (6) BLACK CORD TO BE FASTENED SNAP FASTNER, (TO BE ATTACHED TO	/CRN-1 R FOR PARACHUTE AND SIS- 5) METAL BAND. (l _t) LOAD ENED TO PULL SWITCH LOOP TO FLOAT CORD LOOP. (7)								
		COMBINED WEIGHT OF COMPONENTS	S:	35#	24.00		CAROLES VALUE		
RADIO TRANSMITTING EQU	IPMENT AN/CRN-1 (SIDE VIEW, CONTAINERS			1.5 OU.F	r.				
INNER CONTAINER. (4) OU	IPMENT AN/CRN-1 (SIDE VIEW, CONTAINERS . (2) DELAYED TIMER CONTROL KNOB. (3) UTER CONTAINER.	SHIP TONNAGE:					COPET AND		

AN/CRN-2 NOMENCLATE DESIGNATION	TURE		SEE INDIV			STATUS:	STANDARD 5 Feb 44	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL I	STRICTE	RISTICS)	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) 330 TO 340 NUMBER OF CRYSTALS: 1 PRESET FREQUENCIES: 335 Mc. ANTENNA: FOLDED DIPOLES TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: PE-141 MOTOR GENERATOR (115 V 60 ovoles) SIMILAR SETS: POWER OUTPUT: (WATTS) 25 WATTS OF CW POWER. TUBES: (Type and Number) 1-6JS 1-829B 2-6SJ7 1-832 1-6SK7 2-836 3-5V416 1-8025 3-6SN7GT 1-VR90 1-9002 1-VR150	USE: IS A GLIDE PATH TRANSMITTER WHICH GIVES THE ANGLE OF APPROADH. THIS IS INDIDATED ON A HORIZONTAL POINTER CONTAINED IN THE AN/ARN-14, INSTRUMENT LANDING RECEIVING EQUIPMENT. RANGE: (MILES) 15 MILES AT 3000 FT. TO COMMUNICATE WITH: AN/ARN-5 TO REPLACE IN PART: TRANSPORTATION: INSTALLED IN AIR-TRANSPORTABLE TRAILER. TYPE OF SIGNAL: STRAIGHT LINE GLIDE PATH - DOUBLE BEAM MCW SYSTEM.					RADIO SET AN/CRN-2 (GLIDE PATH TRANSMITTING EQUIPMENT OPERATION) DEVELOPMENTAL MODEL. (1) TRANSMITTER AND MODULATOR. (2) GASOLINE ENGINE POWER SUPPLY.	0	
PART C - PRINCIP, (CLASSIFICATION: R	ESTRICTE	NENTS				No PE	16	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	Powe		
(NOT YET DEFINITELY DETERMINED)			1 - 1013	geo Section	erica estat	SUPPLY.		
						RADIO SET, AN/GE (INSTRUMENT LANDING GI DEVELOPMENTAL M		
COMBINED WEIGHT OF COMPONENTS:			GLAD CONT		the release on	GLIDE MODEL		
COMBINED VOLUME: SHIP TONNAGE:					EAST-COLORS	PATH)	-24	

INSTRUCTIONAL LITERATURE: NOMENCLATURE NOTE: SEE INDIVIDUAL SECTIONS STATUS: FOR SECTION CLASSIFICATION. DESIGNATION: AN-08-10-183 (HMI) PART B . TACTICAL CHARACTERISTICS PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) (CLASSIFICATION: RESTRICTED) LOOPS MOUNTED ON FREQUENCY RANGE: (Mc)108.3-110.3 USE: GROUND LOCALISER TRANSMITTER TO PREVIDE TEMPORARY FRAME-AZIMUTH GUIDANCE OF AIRCRAFT FOR BLIND WORK. OUTSIDE NUMBER OF CRYSTALS: 3 OR 6 APPROACH OR INSTRUMENT LANDING. THIS SET PORTABLE SHELTER. HAS SAME COMPONENTS AS AN/MRN-1 PACKED FOR PRESET FREQUENCIES: 108.3, 108.7, 109.1, 109.5, 109.9, 110.3. AIR TRANSPORT INSTEAD OF INSTALLED IN TRUCK K-53. ANTENNA: 5 ALFORD LOOPS IN SAME HORIZONTAL PLANE. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: RANGE: 75 MILES POWER SOURCE: POWER UNIT-PE-141 OR 1104-60 OYCLES. TO COMMUNICATE WITH: RC-103 SIMILAR SETS: AN/MRN-1 POWER OUTPUT: (WATTS) 25 TO REPLACE IN PART: ARMY A-1 INSTRUMENT LANDING SYSTEM. TUBES: (TYPE AND NUMBER) 1 BC-751 TRANS: L-807W;3-HK257;1-6H6;1-656;1-65N7GT;1-5V4G;4-B36;2-VR-150-30 1-8C-752 COURSE DETECTOR:1-9002; 1-65F5;1-6K6Gf;1-6X5GT. 1-8C-754 COURSE DETECTOR:1-1R5;1-957; 2-1 LN 5; 1-155;1-354, 1-8C-755 INDICATOR BOX:2-1 S 5; 1-8C-777 INTERSITY METER: 1-6H6;2-6SC7. TRANSPORTATION: AIR TYPE OF SIGNAL: CW. MCW. VOICE. PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) DIMENSIONS ITEM WEIGHT CLASSIFICATION HEIGHT WIDTH DEPTH RESTRICTED RADIO TRANSMITTER EQUIPMENT RC-107 LOCALIZER TRANSMITTER EQUIPMENT CONSISTS OF: UNCLASSIFIED 800 # CONTROL BOX BC-915 RADIO TRANSMITTER BC-751 RESTRICTED MODULATOR & BRIDGE BC-752 RESTRICTED COURSE DETECTOR BC-753 (FIXED)
COURSE DETECTOR BC-754 (PORTABLE) RESTRICTED (1) TRANSMITTER BC-751. (2) MODULATOR & BRIDGE BC-752. (3) COURSE DETECTOR BC-754 (PORTABLE). (4) FIELD INTENSITY METER BC-755. RESTRICTED FIELD INTENSITY METER BC-755 RESTRICTED INDICATOR BC-777 (ALARM) ANTENNA EQUIPMENT RC-109 RESTRICTED RESTRICTED RADIO SET SCR-610 UNCLASSIFIED HEATER M-321 500 # MAINTENANCE PARTS & TOOLS SURVEYING INSTRUMENT UNCIASSIFIED CRYSTAL UNIT DC-8
VOLTMETER IS-175 (BALANCED R.F.)
VOLTMETER IS-176 (UNBALANCED R.F.) UNCLASSIFIED UNCLASS IF IED 3095 # COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS: (1) CONTROL BOX BC-915. (2) INDICATOR BOX BC-777. (3). VOLTMETER 18-176. (4) CASE CS-72. (5) RADIO SET SCR-610.

AN/CRN-5 NOMENCLAT DESIGNATION	URF		SEE INDIV			STATUS:	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL	STRICTE	RISTICS	CHANGE IN STATUS:	
FREQUENCY RANGE: (Mo) 100 - 150 TUNES OVER 5 % BAND. NUMBER OF CRYSTALS: UNDER DEVELOPMENT. FRESET FREQUENCIES: NOT YET DETERMINED. ANTENNA: VERTICALLY POLARIZED. TUNING: (MO CR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 115 VOLT 60 CYCLE SINGLE PHASE. GENERATOR CAPACITY 2 KVA-AC AND 6 VOLT 20 AMP. DO SIMILAR SETS: AN/CRN-5 POWER OUTPUT: (WATTS) CONE OF SILENCE 25 WATTS (ARL-117-1) RADIO TRANS. 100 WATTS CARRIER & 50 WATTS SIDE BAND ARL-119. TUBES: (TYPE AND NUMBER) 1-6687 4-68N7GT 2-829 1-6887 2-646 3-645GT 6-836 1-645 2-135 1-VR150 2-6507 1-957 1-65K7 4-807	TO C	PERIODIO	NGE WITH SEPART: SCR-	TATION IDITION IDITION IN THE STATE IN THE S		RADIO SET AN/GRN-5	
PART C-PRINCIPAL (CLASSIFICATION: RE	STRICT	ED)					10 00 10 0 10 0 10 0 10 0 10 0 10 0 10
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	TRANSMITTING	
(NOT YET DEFINITELY DETERMINED)					Approximation with the control of th	TING EQUIPMENT	
COMBINED WEIGHT OF COMPONENTS:			THE PARTY	1190	E THE ISSUE		
COMBINED VOLUME OF COMPONENTS:	A REAL		EAGE	3607			
SHIP TONNAGE:				A WAR			

INSTRUCTIONAL LITERATURE:

STATUS:

CHANGE IN STATUS:

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

FREQUENCY RANGE: 0.2 - 0.4

PRESET FREQUENCIES: NONE

NOMENGLATURE DESIGNATION:

AN/GRN-I

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

USE: A GROUND RADIO BEAGON TO WHICH AIRCRAFT CAN HOME OR TAKE BEARINGS.

ANTENNA: SPECIAL - 200 MMF, 7 OHMS OR LESS.
TUNING: (MO OR XTAL) XTAL

NUMBER OF -CRYSTALS: PER SPECIAL ORDER.

PART A-TECHNICAL CHARACTERISTICS

(CLASSIFICATION: RESTRICTED)

SENSITIVITY: SELECTIVITY:

POWER SOURCE: POWER UNIT PE-75 OR 110 VOLTS 50 - 60 CYCLES. 550 VOLT AMPERES

SIMILAR SETS: NONE

POWER OUTPUT: (WATTS) 50

TUBES: (TYPE AND NUMBER) 5 VT-145 (523) 5 VT- 94 (635) 6 VT-100 (807)

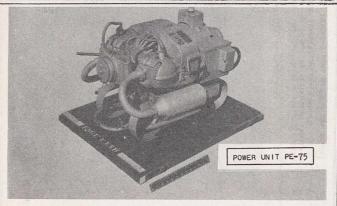
RANGE: 100 MILES OVER LAND OR 300 MILES OVER

TO COMMUNICATE WITH: SCR-269

TO REPLACE IN PART: NOME

TRANSPORTATION:

TYPE OF SIGNAL: CW, MCW, VOICE.



RADIO SET AN/GRN-1 SHOWING COMPONENTS

ANTENNA TUNING UNIT BC-907.

RADIO TRANSMITTER BC-901

AT ROPERED IN THE REPORT OF THE PERSON OF		DIMENSIONS	MEIOUS	01 4001510451041	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
RADIO TRANSMITTER BC-901	25"	28"	16ª	205 #	UNCLASSIFIED
POWER UNIT PE-75	36°	19 ⁸	27"	330 #	UNCLASSIFIED
		1	DATE OF THE PARTY OF		S The
				010-	SUM SERVE
				AT HOME	of Landson Street
			A DESCRIPTION	W STEER	AND THE REAL PROPERTY.
district the state of the state of					
COMBINED WEIGHT OF COMPONENTS:			ABOUT	800 LBS.	COMPLETE
			THE RESERVE AND ADDRESS OF THE PARTY OF THE	The second secon	ACCOUNT OF THE PARTY OF THE PAR

AN-MRN-I NOMENCLA DESIGNATION			SEE INDIVI			STATUS:	STANDARD 3 Jul 42	INSTRUCTIONAL LITERATURE AN-08-10-183 (HMI)
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL C	ESTRICTE		CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) 108.3-410.3 NUMBER OF CRYSTALS: ONE	USE:	FOR USE	IN MAKING	INSTRUMENT	LANDING AFTER			
PRESET FREQUENCIES: ONE								A
ANTENNA: FIVE ALFORD LOOPS IN SAME HORIZONTAL PLAN	ε.						A CO STATE	
TUNING: (MO OR XTAL) XTAL						~>=0	4	
SENSITIVITY: SELECTIVITY:	18					AN PIE	E .	V
POWER SOURCE: 110 VOLTS 60 CYCLE AC GASOLINE ENGIN		THE RESERVE			AT 6000 Ft.,	COMPRISES EQUIPMENT A USABLE RANG AFTER THE AIRPLANE (AN) MRN-1 FURNISHE	((0))	
SIMILAR SETS: AN/CRN=3.	TO C	COMMUNICATE	WITH: RC-	103		2 7 5 6	Warner !	
POWER OUTPUT: (WATTS) 25	TO F	REPLACE IN	PART: SCR-	241		FURNISHE		
TUBES: (Type and Number) 1-8C-751 TRANS: 4-807W;3-HK257;1-6H6;1-6F6;1-6SN7GT;1-5V4G;4-836;2-VR-150-3-18C-753 Course Detector: 1-9002;1-65F5;1-6K6GT;1-6X5GT. 1-8C-754 Course Detector: 1-185;1-957; 2-1 LN 5; 1-155;1-3S4, 1-8C-755 INDICATOR BOX:2-1 S 5; 1-8C-777 INTERSITY METER: 1-6H6;2-6SC7.			: TRUCK	MCW, AND V	010E.	FOR TRANSMITI OF 20 MILES P HAS ARRIVED IN		
PART C-PRINCIF (CLASSIFICATION:	RESTRICT					3 THE C		
ITEM	HEIGHT	DIMENSION:	DEPTH	WEIGHT	CLASSIFICATION	AND MON SE IN MA VIOINIT		
	HEIGHT	WIDTH	DEPIN			DRN-		
RADIO TRANSMITTER EQUIPMENT RC-107 LOCALIZER TRANSMITTER EQUIPMENT CONSISTS OF :				000 #	RESTRICTED	DOE	The state of the s	
CONTROL BOX BC-915 RADIO TRANSMITTER BC-751 MODULATOR & BRIDGE BC-752 COURSE DETECTOR BC-753 (FIXED) COURSE DETECTOR BC-754 (PORTABLE) FIELD INTENSITY METER BC-755 INDICATOR BC-777 (ALARM) ANTENNA EQUIPMENT RC-109 RADIO SET SCR-610 HEATER M-321 MAINTENANCE PARTS & TOOLS	4			800 550 805 800 825 700 945 100 100 100 100 100 100 100 100 100 10	UNCLASS IF IED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED UNCLASS IF IED	THE A LOCALIZER BEAM THE ATTRUMENT LANDINGS THE ATTRUMENT. S NOT INCLUDE TRUCK)		
SURVEYING INSTRUMENT CRYSTAL UNIT DC-8 VOLTMETER IS-175 (BALANCED R.F.) VOLTMETER IS-176 (UNBALANCED R.F.) TRUCK- K-53				60 # 11,700 #	UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED	× 0>	- Secretary -	
COMBINED WEIGHT OF COMPONENTS:	100			14,795 #				
COMBINED VOLUME OF COMPONENTS:	INSTALLED	IN K-53	TRUCK, 80	100 CU.FT	APPROX			
COMBINED VOLUME OF COMPONENTS: SHIP TONNAGE:	INSTALLED	IN K-53	TRUCK, 80	100 cu_FT	APPROX.			

INSTRUCTIONAL LITERATURE:	STATUS:	34241	1/200	NOTE: SEE INDIVIDUAL SECTIONS NOMENCLAT FOR SECTION CLASSIFICATION.		A	N/N	MRI	V-2
	CHANGE IN STATUS:		DEVELOPMENTAL MODEL OF RADIO SET AN/MRN-2 (LEFT SIDE VIEW, ANTENNAS SET UP READY FOR OPERATION) Date 3-31-43 NRIGH RILLO	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 100 - 156 TUNES OVER 5 Mc. BAND. NUMBER OF CRYSTALS: UNDER DEVELOPMENT. PRESET FREQUENCIES: NOT YET DETERMINED. ANTENNA: VERTICALLY POLARIZED TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 115 VOLT 60 CYCLE SINGLE PHASE.G. ERATOR CAPACITY 2 KVA-AC AND 6 VOLT 20 AMP. DO SIMILAR SETS: AN/CRN-5 POWER OUTPUT: (WATTS) CONE OF SILENCE 25 WATTS (ARL-117-1) RADIO TRANS. 100 WATTS CARRIER & 50 WATTS SIDE BAND ARL -119. TUBES: (TYPE AND NUMBER) 1-688 2-64671 2-829 1-698 2-6450T 1-832 3-646 3-6X5GT 6-836 1-6J5 1-135 1-VR150 2-6SJ7 1-957 1-6SK7 1-807	TO COI	(GLASSIFIC PORTABLE RADIO RA PERIODIO SIMULTAN : (MILES) PLACE IN PL PORTATION:	NGE WITH ST QUADRANT EOUS PHONE 80 WITH: SCR-	TRICTEN DIO TWO GO FATION IDE BENTIFICAT TRANSMISS) URSE AURAL MTIFICATION, TION, AND ION.
			SET UP	PART C-PRING (CLASSIFICATION	RESTRICTE				
			MODE	ITEM	HEIGHT	DIMENSION	DEPTH	WEIGHT	CLASSIFICATIO
	Q		DEVELOPMENTAL: LEFT SIDE VIEW, ANTER TOW SCHOW,	(NOT YET DEFINITELY DETERMINED)			32 W 2 D		
		45	(LEF PHOTOGRAPHIC AND REPRODUCTION ARCEAT RADIO LABORATORY, WEIGHT	COMBINED WEIGHT OF COMPONENTS:					
			# #	COMBINED VOLUME OF COMPONENTS:		+	-		-

		THIS SH	EET IS CL.	ASSIFIED: K	ESTRICTED		
AN/MRN-3 NOMEN DESIGN.	CLATURE ATION			VIDUAL SEC		STATUS:	STANDARD 23 Oct 43
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL FICATION:	CHANGE IN STATUS:			
FREQUENCY RANGE: (Mg) 75 NUMBER OF CRYSTALS: None PRESET FREQUENCIES: ONE	USE:	BY RC-39	, RC-43, F	PATTERN TO 193, MARI	O BE RECEIVED KING REFERENCE SYSTEM		
ANTENNA: ONE HORIZONTAL DIPOLE	RANG	E: 10,000	FEET, OVE	RHEAD.			
TUNING: (MO OR XTAL) MO	то с	OMMUNICATE	WITH: RO	-39, RC-43	, RC-193, RC193Z		
SENSITIVITY: SELECTIVITY: POWER SOURCE: 110 V. 50 - 60 CYCLES A.C. POWER PE-88, OR POWER UNIT PE-214. POWER OUTPUT: (WATTS) ONE	UNIT	EPLACE IN		302.		MARKER	
TUBES: (TYPE AND NUMBER) RC-115 USES: 1-VT-74(52L) 2-VT-139 (VR-150-30); 1-VT-188 (7E6); 2-VT-189, (7F7); 1-7N7; 5-705, SCR-610: 1-BC-659-A; USES: 5-1LN5; 2-1291: 14-1299; 1 1LN1; 1-1294; 1-L06, 1 PE-117 USES: 1 VR-90-30; 1 CK1005.	t); TYPE	OF SIGNAL	: CW;	MCW.	Particular Constant Di South Particular 2	BEACON SET/AN/MRN-3	
PART C-PRINC (CLASSIFICATION:	RESTRICT	NENTS ED)				-3 SET	
ITEM		DIMENSION		WEIGHT	CLASSIFICATION	T UP	
	HEIGHT	WIDTH	DEPTH	WEIGHT !	OCAGON IGATION	P FOR	
MARKER BEACON TRANSMITTING EQUIPMENT RC-115 POWER UNIT PE-28 OR POWER UNIT PE-214 * RADIO SET SCR-610	18"	12"	20 ⁿ	37# 45#	UNCLASSIFIED RESTRICTED UNCLASSIFIED	OR OPERATION	
1/4-TON 4 X 4 TRUOK ("JEEP")	72 ¹¹	63°	132"			N FROM TRUCK	
				THE STATE OF	*PE=214 IS UNCLASS IF IED		

INSTRUCTIONAL LITERATURE:

PAGE 12

SHIP TONNAGE:

COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:

250# PLUS JEEP.

THIS SHEET IS CLASSIFIED: RESTRICTED.

Unelassified: Non Dire 5200.9

INSTRUCTIONAL LITERATURE:	STATUS:	M SERVICE CONTRACTS	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	AN/TRA-1
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTER (CLASSIFICATION: RESTRICTED		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)
			FREQUENCY RANGE: (Mo) 70 - 100		USE: ARMY GROUND FORCES; ARMY SERVICE FORCES.
			NUMBER OF CRYSTALS: None (AMPLIFIER	UNIT)	
RADIO TRANSMITTER T-14/TRC-1	A	MPLIFIER M-8/TRA-1	PRESET FREQUENCIES: NONE	AS TRAUGE OF	RANGE: MINIMUM 25 MILES, MAXIMUM ACCORDING TO TERRAIN.
		5	ANTENNA: 3 ELEMENT PARASITIC BEAM.	AL STRUMENTS	Scatter Charles of a carteria
	in _ [.]	A 2 1 C	TUNING: (MO OR XTAL)	MINING CAN	TO COMMUNICATE WITH: AN/TRC-1, AN/TRC-3. AN/TRC-4.
1==-		元 六 1	SENSITIVITY: SELECTI	VITY:	
			POWER SOURCE: POWER SUPPLY PP-13/TRA	-1	TO REPLACE IN PART: NONE
			SIMILAR SETS: NONE		
		9 5 5 9	POWER OUTPUT: (WATTS) 250	1450000000	TRANSPORTATION: VEHICULAR
				Charles and the second	

TUBES: (TYPE AND NUMBER) 2 HK-257-B

Radio Transmitter T-14/TRC-1, Amplifier AM-8/TRA-1, and Power Supply PP-13/TRA-1, Placement

RADIO SET AN/TRA-1 IS A 250-WATT RF AMPLIFIER EQUIPMENT FOR USE IN CONNECTION WITH THE RADIO TERMINAL SET AN/TRC-3, A RADIO RELAY SET AN/TRC-1. AND RADIO SET AN/TRC-1 TO INCREASE THE STRENGTH OF THE TRANSMITTED SIGNAL AND THE NORMAL OPERATION RANGE OF UNITS WITHIN THE RELAY SYSTEM. USED WITH BUT NOT PART OF: RADIO TERMINAL SETS AN/TRC-3; RADIO RELAY SET AN/TRC-4, AND RADIO SET AN/TRC-1.

POWER SUPPLY PP=13/TRA-1 PART C-PRINCIPAL COMPONENTS

TYPE OF SIGNAL: FM

Marolanese Mail		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
AMPLIFIER AM-8/TRA-1 Power Supply PP-13/TRA-1 Spare Parts Kit MK-11/TRA-1				i-inte	RESTRICTE UNCLASSIFIED UNCLASSIFIED
FOR ANTENNA EQUIPMENT SEE BASIC SETS TRC-1, TRC-3 AND TRC-4.					
			Terms	Tie III.	
					Laurence Marie Mar
COMBINED WEIGHT OF COMPONENTS:					-
COMBINED VOLUME OF COMPONENTS:					all and he
SHIP TONNAGE:					

		inis sn	EET IS GLA	ASSIFIED:	RESTRICTED			
AN/TRC-I NOMENCE DESIGNATION			SEE INDIV			STATUS:	STANDARD 18 Oct 43	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	211310	PART B -	TACTICAL FICATION:	CHARACTI RESTRICT	ERISTICS ED)	CHANGE IN STATUS:	7U(E))	
FREQUENCY RANGE: (Mo) 70 - 100 NUMBER OF CRYSTALS: BANK OF 16 PER SET PRESET FREQUENCIES: OME ANTENNA: 3 ELEMENT HORIZONTAL ON LO FT. MAST. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 115/230 V, A.C., 50/60 GYOLES, SIMILAR SETS: AN/TRC-3 AN/TRC-14 POWER OUTPUT: (WATTS) 50 ON VOICE TUBES: (TYPE AND NUMBER) TRANS. 7-11/TRC-1 1 68170 1 6817	RANG TO C TO F	E AIR FORCE COMMUNICATE REPLACE IN MODEL 11 NSPORTATION OF SIGNAL	25 WITH: ÅN, PART: F.M 98.	/TRC-1	COMMERCIAL			
PART C- PRINCIF (CLASSIFICATION:	AL COMPO	NENTS					1 1	7
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION			
TRANS. T-14/TRC-1 REOVR. R-19/TRC-1 POWER UNIT PE-75 ANTENNA AS-19/TRC-1		REMARKS REMARKS	20	64# 42#	RESTRICTED RESTRICTED UNCLASSIFIED RESTRICTED	1		
					e escallan ya 9 19 estil gaz-sil	TRANSMITTER TRANSMITTER	CASE WEIGHS 32 LBS. RECEIV	IO TRANSMITTER T-14/TRC-1 N/TRC-1 D IN SEPARATE CARRYING CASES. ER CASE WEIGHS 48-1/2 LBS., IN- EACH CASE MEASURES 22-3/4" x TAN/TRC-3 AND RADIO RELAY SET
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:						AN/TRC-4 EM	PLOY SAME RECEIVER AND TRANS	MITTER AS AN/TRC-1 IN A RADIO

THIS SHEET IS CLASSIFIED RESTRICTED

SHIP TONNAGE:

			THIS SH	EET IS CLASSIFIED: RESTRICTED		(GROUND SIGNAL EQUIPMENT: GROUND RADIO.)					
INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 25 Aug 43	BUTAGE	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	104 All 30 147 3400	AN	TV	RC	3-2	
	CHANGE IN STATUS:		VI TOMOR	PART A - TECHNICAL CHARACTER (CLASSIFICATION: RESTRICTED FREQUENCY RANGE: (Mo) 2 -6.5 (BC-13 RT-12/TRC-2 (2-3.5)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: SPECIAL, LONG RANGE, MAN PACK SET FOR C MUNICATION FROM ISOLATED UNITS TO HEAD-					
				NUMBER OF CRYSTALS: 6 PER SET			MUNICATIO		DLATED UNI	TS TO HEAD-	
1		A	VER TO TO	PRESET FREQUENCIES: ANTENNA: A CHOICE; 2 INVERTED L TYP	E WITH COUNTER-	RANG	E: APPROX	MATELY 100) MILES ON	CW	
			PRECE I	TUNING: (MO OR XTAL) MO AND XTAL							
	7		TTER- DIFFE RESIS TEMPE	SENSITIVITY: SELECTI		то с	COMMUNICATE	WITH: SCI	R-299; SCR	-694	
ELD OF		TRO OP TRO-2 TRC-2 TRC-2 TRC-2	POWER SOURCE: HAND GENERATOR GN-53 PE-162	TO F	TO REPLACE IN PART: None.						
OR FIE	CAL TEST ANY	SIMILAR SETS: SCR-694 POWER OUTPUT: (WATTS) 30 ON A-1; 6	on A=3	TRAN	SPORTATION	: MAN PACE	, REQUIRE	s 12 то 14 ме			
	1	79	TWO IDENT THE RADIO SI WENT IS DI EXTREME H	TUBES: (Type and Number) 1-114 1-185 2-135 1-344	2-30l ₁ 2-2E22 2-VR105	TYPE	OF SIGNAL	: A-1; A-3	5 (AM)		
		9	TRC-2, ENNA. ISED WIT S EQUIP TY AND	199-199-199-199-199-199-199-199-199-199	PART C-PRINCIPA (CLASSIFICATION: R						
	della collection and		SET AN	ITEM		HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATIO	
		5	TAPE TAPE SED AF			HEIGHT	WIDTH	DEPIR			
		1	NLY HIGH	TRANS. & REC. RT-12/TRC-2	•				P-Dept-	RESTRICT	
	B. March		OF ST	TRANS. & REC. BC-1306		Mark 1			11.	RESTRICT	
			TYP TYP VERA	HAND GENERATOR GN-53			1.44		No.	incornio)	
			CAL CONF	GASOLINE ENGINE DRIVEN GEN. PE-162				Euro a		UNCLASS IF IE	
	a		BASIC CO ING GENE UNITS OF FREQUENC TROPICAL								
	3										

COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:

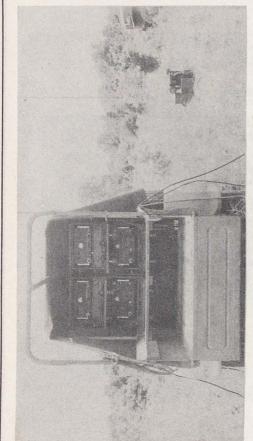
				ייים ווכט:	neomicieu			
AN/TRC-3 NOMENCL DESIGNAT				IVIDUAL SE		STATUS:	Trecurs of the dutiers	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 70-100 MEGACYLES (300 CHANNELS)	USE:	CLASSI	FICATION:	RESTRIC	FERISTICS	CHANGE IN STATUS:	(a) 100/30 (a) 7770.	
NUMBER OF CRYSTALS: 964 (BANK OF 900 ON 300 FREQUENCIES PLUS 64 CRYSTALS ON 16 "BASIO" FREQUENCIES.								
PRESET FREQUENCIES: OME.		25-33 MILI			S TO TERRAIN	IN CHEST	RADIO RECEIVERS, R-19/TRC-1 AN IS AS PICTURED BELOW, ARE PROF 5. BUT THE CORDING SHOWN IS NO	PER COMPONENTS FOR RADIO SET
ANTENNA: 3 ELEMENT HORIZONTAL ARRAY.						FUNCTION	3, BUT THE CORDING SHOWN IS NO IS OF AN/TRC-3, RADIO TERMINAL MECTIONS ARE NORMALLY MADE TO,	SET AN/TRC-3 IS USED WITH,
TUNING: (MO OR XTAL)XTAL(RECEIVER AND TRANSMITTER)		MUNICATE W		C-1, AN/TR	C-4 AND F.M.	EQUIPMEN	TT TC-21, AND/OR CARRIER TELEGR I-CHANNEL CARRIER COMMUNICATIO	RAPH TERMINAL EQUIPMENT TC22
SENSITIVITY: SELECTIVITY:	70.050	105 111 511	T. Naus			1500 B (150)		
POWER SOURCE: 115 VOLT AC, 60 CYCLE, SINGLE PHASE, (POWER UNIT PE-75) SIMILAR SETS: AN/TRC-1, AN/TRC-1, POWER OUTPUT: (WATTS) 50		DRTATION:					10000	100量
TUBES: (TYPE AND NUMBER) 5-6AC7 3-6SN7GT 2-6H6 5-6V6GT 8-6SH7 1-6X5GT 2-5RLQY 1-829 3-6SL7GT	TYPE OF	SIGNAL:	A-3 (FM)		- 1411 - 1838T			
PART C-PRINCIPA (CLASSIFICATION: F	L COMPON	ENTS				11 10		
ITEM		DIMENSIONS		WEIGHT	GLASSIFICATION	1 // 福		
The state of the s	HEIGHT	WIDTH	DEPTH	WEIGHT	OLASSIFICATION	1/ 1		
2 TRANSMITTER T-14/TRC-1					RESTRICTED		0 1000 000	000.0000.000
2 RECEIVER R-19/TRC-1				- 11 /2 · - 1	RESTR ICTED			
2 ANTENNA SYSTEM AS-19/TRC-1				1007	RESTRICTED			
3 POWER UNIT PE-75				The state of	UNCLASSIFIED			
1 MAINTENANCE EQUIPMENT MK-5/TRC-3			3000	Warms.	RESTRICTED	3023		
	AT					1 10 150		
						TING TERM	ANTRO-3 IS A 50 WATT, FM, I	MULTI OR SINGLE-CHANNEL COM-
						(NOT A PA	ON SYSTEM WITH OR WITHOUT CARR ART OF AN/TRC=3) TWO RADIO TERM MINIMUM REQUIREMENTS FOR A MU TRE DISTANCE BETWEEN THE TWO IS	MINAL SETS, AN/TRC-3 CONSTI- LTI-CHANNEL COMMUNICATION SYS S TOO SREAT FOR SINGLE JUMP
COMBINED WEIGHT OF COMPONENTS:			TANGE OF THE		and otherwise	OPERATION	AS REQUIRED. RADIO SETS AN/TRC-4 A	RE PLACED AT INTERMEDIATE
COMBINED VOLUME OF COMPONENTS:						WITH SUF	FIGIENT STANDBY EQUIPMENT TO A	SSURE 21-HOUR CONTINUOUS OP-

ERATION.

SHIP TONNAGE:

COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:

INSTRUCTIONAL LITERATURE:	STATUS:	- Usana
	CHANGE IN STATUS:	STATUS DE



NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION

NOMENCLATURE DESIGNATION:

USE:

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 70-100 (300 CHANNEL)

NUMBER OF CRYSTALS: 96 WITH SET, ON 16 "BASIC" FREQUENCIES. FOR ADDITIONAL CRYSTALS, SEE CASE CY-44/TRC-1 CONTAINING 900 CRYSTALS, (PART OF RADIO TERMINAL SET AN/TRC-3)

PRESET FREQUENCIES: ONE

ANTENNA: 3 ELEMENT HORIZONTAL ARRAY.

TUNING: (MO OR XTAL) XTAL (RECEIVER & TRANSMITTER)

SENSITIVITY: SELECTIVITY:

POWER SOURCE: 115 VOLT AC 60 CYCLE, SINGLE PHASE (POWER UNIT PE-75)

SIMILAR SETS: AN/TRC-1, AN/TRC-3

POWER' OUTPUT: (WATTS) 50

4-5R4GY 5-6SL7GT 5-6SN7GT 10-6V6GT 2-6X5GT 2-829 TUBES: (TYPE AND NUMBER)10-6AC7 4-6H6 15-6SH7

RANGE: 25-33 MILES (OR MORE ACCORDING TO TERRAIN

PART B - TACTICAL CHARACTERISTICS

(CLASSIFICATION: RESTRICTED)

TO COMMUNICATE WITH: AN/TRC-1, AN/TRC-3 (AND F.M.

TO REPLACE IN PART: NONE

AND USE OF AMP. AN/TRA-1)

LINK TYPE 1498 OR 1505)

TRANSPORTATION: VEHICULAR

TYPE OF SIGNAL: A-3 (FM)

PART C- PRINCIP. (CLASSIFICATION:	RESTRICT	ENTS			
	DIMENS		3	WEIGHT	
MOTILITIES THE THE THE THEFT	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
3 TRANSMITTER T-14/TRC-1 3 RECEIVER R-19/TRC-1 4 ANTENNA SYSTEM AS-19/TRC-1 3 POWER UNIT PE-75 1 MAINTENANCE EQUIPMENT MK-6/TRC-4				142-09	RESTRICTED RESTRICTED UNCLASSIFIED RESTRICTED
COMBINED WEIGHT OF COMPONENTS:			Wand Bell	The Plan	the manufacture of
COMBINED VOLUME OF COMPONENTS:			HBANE NO.	So Brill	Managara .
SHIP TONNAGE:					SERVICE SINK

RC-39 NOM DESIGN	TIONS	STATUS:	STANDARD 25 Oct 39	INSTRUCTIONAL LITERATURE: (HMI) 08-10-29				
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - CLASSIFI	TACTICAL (CHARACTE	RISTICS	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) 62 to 80 NUMBER OF CRYSTALS: NONE	USE:	TO RECEI	VE 75 Mc.	MARKER BE	ACON SIGNALS.			
PRESET FREQUENCIES: 75 Mg. ANTENNA: 1/2 WAYE ANTENNA TUNING: (MG OR XTAL) SENSITIVITY: ABOUT 2000 MICROVOLTS/METER	RANG							
SELECTIVITY:	70.0		WITH DO	115 411/1	Du 7			
POWER SOURCE: 12 VOLTS FROM AIRCRAFT BATTERY A HIGH VOLTAGE FROM RADIO COMPASS.			WITH: RC-		wkin-5	THE STATE		
SIMILAR SETS: RC-43	TO R	PLACE IN	PART: RC-	20		Constitution of the	4	
POWER OUTPUT: (WATTS)	TRAN	SPORTATION	: AIRBORN	E		4	APA	
TUBES: (TYPE AND NUMBER) (1) VT-53 (1) VT-10L	TYPE	OF SIGNAL	: M. C. W	- Contraction		RADIO	OTO LIE	
PART C-PRI (CLASSIFICATI	NCIPAL COMPONE	ENTS				O RECEIVER		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION		10 10 10	
RADIO RECEIVER BC-341	5 3/8 *	5 3/8 *	3 7/16 "	2.65 #	UNCLASSIFIED	BC-341	Jan Je	
				Pate Mary	2 105 10 - 10			
			1797-16 to	رودارس		11111		
CÓMBINED WEIGHT OF COMPONENTS:			M. Carrier Co.	4.50 #	#	1528		
COMBINED VOLUME OF COMPONENTS:				1 CU.FT.	N. A. S. C. C.			
SHIP TONNAGE:				N. C.	TO STATE OF THE PARTY OF THE PA			

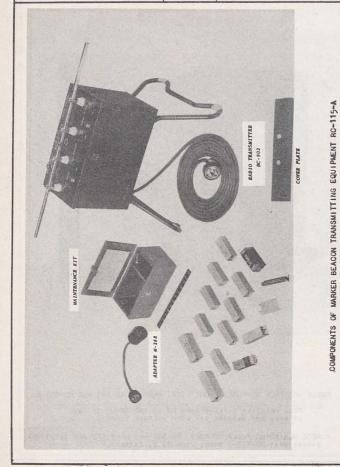
HIS	SHEET	IS	CLASSIFIED:	UNCLASSIFIED
HIS	SHEET	15	CLASSIFIED:	

(HMI) 08-10-29	STATUS:	STANDARD 31 Oct 39	inele	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:			F	C-	43
	CHANGE IN STATUS:		Santa S	PART A-TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS		ART B - T	ACTICAL CI	HARACTER	ISTICS
				FREQUENCY RANGE: (Mo) 62 to 80 NUMBER OF CRYSTALS: None	age of the same	USE: To	RECEIVE '	75 Mo. MARK	ER BEACON	SIGNALS.
				PRESET FREQUENCIES: 75 Mo.						
				ANTENNA: 1/2 WAVE ANTENNA						
8				TUNING: (MO OR XTAL)						
- NI	210			SENSITIVITY: ABOUT 2000 MICROVOLTS	METER					
\	PLUG P			SELECTIVITY: POWER SOURCE: 21 VOLTS FROM AIRORA AND HIGH VOLTAGE FROM RADIO COMP		RANGE:				
				SIMILAR SETS: RC-39	Continue of	TO COMMI	INICATE WI	TH: RC-115	, AN/MRN-3	
1187			E Z	POWER OUTPUT: (WATTS) NONE		TO REPLA	ACE IN PAR	T: RC-20		
			COMPONENTS	TUBES: (Type and Number) (1) VT - (1) VT -	153 104	TRANSPOR	RTATION:	AIRBORNE		
					and and	TYPE OF	SIGNAL:	M.C.W.		
VC-637			EQUIPMENT RG-43,		PART C- PRINCIPA (CLASSIFICATION:	L COMPONE	ENTS			
	tilend tilenmanning			30	SHUM -		DIMENSIONS	3	WEIGHT	CLASSIFICATI
			9N-	ITEM	ATOM Indian	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICAT
N-88			RECEIVING	RADIO RECEIVER BC-357		5 3/8 ¹¹	5 3/8 "	3 7/16 m	2.65 #	UNCLASSIFI
	89007		NOC	STATES SEE SEE					12174	on designation
1'00	100		R BEACON	annual property.			La Sala	L277 - 103	Livers	m mireday
			MARKER							
				COMBINED WEIGHT OF COMPONENTS					4.50 #	, , , ,
				COMBINED VOLUME OF COMPONENTS	S:				4- 3-40	
				SHIP TONNAGE:						Land of the land

RC-103 NOMENCL.				IDUAL SEC		STATUS:	STANDARD 4 Mar 43	INSTRUCTIONAL LITERATURE: TO 08-10-104, AND AN 08-10-187 (ON RC-103-A)
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - CLASSIFI	CATION: R	CHARACTE ESTRICTE	RISTICS D	CHANGE IN STATUS:		
FREQUENCY RANGE: (MG) 108.3-110.3 NUMBER OF CRYSTALS: 3-6 PRESET FREQUENCIES: 3-6 ANTENNA: AN-100 OR AS-27/ARN-5 TUNING: (MO OR XTAL) XTAL SENSITIVITY: 20mv/meter SELECTIVITY: 6DB DOWN AT 130 KC BANDWIDTH POWER SOURCE: 12 OR 2½ V. AIRCRAFT BATTERY SIMILAR SETS: NOME POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 VT-10½ (12SQ7) 2 VT-134 (12SR7) 1 VT-207 (12AH7-GT) 2 VT-209 (12SG7)	USE: AIRBORNE LOCALIZER RECEIVER FOR AZIMUTH GUIDANCE OF PILOT IN INSTRUMENT APPROACH OR LANDING. RANGE: LINE OF SIGHT TO COMMUNICATE WITH: AN/MRN-1, AN/CRN-3, AN/CRN-7. TO REPLACE IN PART: None TRANSPORTATION: AIRBORNE PRADIO RE BC-73 TYPE OF SIGNAL: CW, MCW, SIMULTANEOUS VOICE. RADIO CONTROL						RADIO RECBIVER BC-733	DYNAMOTOR DM-53 OR DM-53- Z
3 VT-269 (WE-717A) PART C- PRINCIP. (CLASSIFICATION:	H- COMPON	ENTS				BOX BC-732		
ITEM		DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION		6 10 10 344 4 Q	
RECEIVER BC-735	7 3/32"	5"	13 3/8"	21.1#	RESTRICTED	ARCHIOLINE.		
CONTROL BOX BC-732	2 5/8 "	3 9/32"	3"	.56#	RESTRICTED	INDICATOR I		ANTBNNA AN-100
DYNAMOTOR DM-53 (24v.) OR DM-53Z (12v.)	3 1/8 "	2 3/4 "	5"	3.#	RESTRICTED			
							PLUG PL-P257	PLUG PL-P256 PLUG PL-Q254
						PRINC	IPAL COMPONENTS OF RADIO RC-103 OR RC-1	RBCBIVING BQUIPMBNT 03 - Z
							BORATORY, WRIGHT FIBLD, OHIO PH - NOT FOR PUBLICATION	ARL-681R-43
COMBINED WEIGHT OF COMPONENTS:			ABOUT	30 LB8	CONTRACTOR OF			
COMBINED VOLUME OF COMPONENTS:					- STREETS -			
SHIP TONNAGE:					PARSON BURE	14		

PAGE 20

INSTRUCTIONAL LITERATURE: (HMI)AN-08-10-176	STATUS:	
(ON RC-115-A)	CHANGE IN STATUS:	O Silvi



NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

(CLASSIFICATION:

FREQUENCY RANGE: (Mc) NONE

NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: 75 MC.

ANTENNA: ONE DIPOLE

TUNING: (MO OR XTAL) MO

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: 115 V 50-60 CYCLES 110 WATTS

PART A-TECHNICAL CHARACTERISTICS

SIMILAR SETS: NONE

POWER OUTPUT: (WATTS) ONE

TUBES: (TYPE AND NUMBER)

1 VT-74 (5Z4) 2 VT-139 (VR-150-30) 1 VT-188 (7E6) 2 VT-189 (7F7) 1 7N7 5 7C5

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: MARKER BEACON TRANSMITTER TO INDICATE SPOT ON GROUND TO AIRCRAFT. USED IN BLIND APPROACH OR INSTRUMENT LANDING.

RANGE: 10,000 FEET STRAIGHT UP.

TO COMMUNICATE WITH: RC-39, RC-43, RC-193, RC-1932, AN/ARN-8.

TO REPLACE IN PART: BC-302

TRANSPORTATION: PLANE OR ANY VEHICLE.

TYPE OF SIGNAL: CW, MCW-400, 1300, 3000 cycles keyed 6 dots per second or 2 dashes Per

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:)

		DIMENSION	S		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
RADIO TRANSMITTER BC-902	22"	31 ⁿ	18#	51#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:		3	MAN 195 40	51#	THE REAL PROPERTY.
COMBINED VOLUME OF COMPONENTS:		-	7.5 CU.FT.		H. H. BATKING
SHIP TONNAGE:				The state of	- HIT STIE

RC-193, 193-Z NOR		SEE INDIVI			STATUS:	INSTRUCTIONAL LITI (HMI) AN-08-10-194			
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL O	CHARACTE ESTRICTI		CHANGE IN STATUS:			
REQUENCY RANGE: (Mo) 75	USE:	TO RECEI	VE 75 Mc M.	ARKER BEAC	CON SIGNALS.				
PRESET FREQUENCIES: (Mc) 75									
INTENNA: 1/2 WAVE									
UNING: (MO OR XTAL) NONE									
ENSITIVITY: ABOUT 2000 MICROVOLTS/METER	RANG	E: Does N	OT APPLY.						
OWER SOURCE: LOW AND HIGH VOLTAGE SUPPLIED	TO C	OMMUNICATE	WITH: RC-	-115, AN/A	MRN-3		Tsic	NAL CORFS ADIO RECEIVER BO	U.S. ARMY C-1033-A
AIRPLANE 24 V. BATTERY. SEE N	OTE#	EDLAGE IN	DADT- DO	70 00 17			R	EN 40 1774 WY M3 SET	15, INC
IMILAR SETS: RC-39, RC-43	10 R	EPLACE IN	PART: RC-	99, HU-43				AIR COMMUNICATION	
OWER OUTPUT (WATTS)	TRAN	SPORTATION	: AIRBORNI	E					
The state of the s	The second second					COST CO			
UBES: (TYPE AND NUMBER) (1) 6SH7 (1) 6SL7-GT(VT-229 (1) 12SN7-GT) TYPE	OF SIGNAL	: M.C.W.				F	0	P D-108
PART C- DG	PINCIPAL COMPONI	ENTS	: M.C.W.				(1 PL 108
PART C-PF (CLASSIFICAT	RINCIPAL COMPONITION: RESTRICTE	ENTS					1	ietan	PL-108
(1) 123N(+01	RINCIPAL COMPONITION: RESTRICTE	ENTS		WEIGHT	CLASSIFICATION				PLIOS ANT.
PART C-PF (CLASSIFICAT	RINCIPAL COMPONITION: RESTRICTE	ENTS		WEIGHT 2.47#	GLASSIFICATION			ET O SANT	pLios
PART C-PF (CLASSIFICAT	RINCIPAL COMPONITION: RESTRICTE	ENTS D) DIMENSIONS WIDTH	DEPTH				D	ET & CONTRACTOR ANT	PLIOS ANT.
PART C-PF (CLASSIFICAT	RINCIPAL COMPONITION: RESTRICTE	ENTS D) DIMENSIONS WIDTH	DEPTH						PART OF RC-193 AND RC-193-2
PART C-PF (CLASSIFICAT	RINCIPAL COMPONITION: RESTRICTE	ENTS D) DIMENSIONS WIDTH	DEPTH			Т		FERS FROM RC-	PART OF RC-193 AND RC-193-

THIS SHEET IS CLASSIFIED: RESTRICTED

4.5 LBS. (APPROX.)

* NOTE REGARDING POWER SOURCE: RC-193 AND RC-193-Z ARE IDENTICAL EXCEPT THAT RC-193-Z WORKS FROM 12 V. BATTERY.

SHIP TONNAGE:

CHANGE IN STATUS: PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: PART B - TACTICAL (CLASSIFICATION: PREQUENCY RANGE: TRANSMITTER 3.96 TO 4.36. (MO) NUMBER OF CRYSTALS: NOME PRESET FREQUENCIES: NOME ANTENNA: Loop LP-7 TUNING: (MO OR CRYSTAL): MO SENSITIVITY: SELECTIVITY: PART B - TACTICAL (CLASSIFICATION: USE: USED BY INFANTRY, OOMMUNICATION BETS AND BATTALIONS OF ON GROUND: INF, E BN., SEC COM PLAT.	ARMORED FORCE EEN BRIGADE HE INFANTRY H HQ, Co., REG	E FOR COMMAND AND RESIDENTS
STATUS: (CLASSIFICATION: (CLASSIFICATION:) (CLASSIFICATION: (CLASSIFICATION: USE: USED BY INFANTRY, ODMMUNICATION BETT AND BATTALIONS OF AND BATTALIONS OF AND BATTALIONS OF AND BATTALIONS OF AND ROUND: INF, E BN., SEO COM PLAT. INTENNA: Loop LP-7 TUNING: (MO OR CRYSTAL): MO SENSITIVITY: SELECTIVITY: RANGE: 5 MILES.	ARMORED FORCE EEN BRIGADE HE INFANTRY H HQ, Co., REG	FOR COMMAND AND RESIDENTS
NUMBER OF CRYSTALS: Nome NUMBER OF CRYSTALS: Nome AND BATTALIONS OF ON GROUND: INF, E BN., SEC COM PLAT. ANTENNA: Loop LP-7 TUNING: (MO OR CRYSTAL): MO SENSITIVITY: SELECTIVITY: RANGE: 5 MILES.	HE INFANTRY HAQ, Co., REC	DINIBION-
POWER SOURCE: TRANSMITTER: HAND GENERATOR 10x4000. RECCEIVER: DRY BATTERY 42 & 45 v. SIMILAR SETS: SCR-161 (DIFFERENT FREQUENCY) POWER OUTPUT: 5 WATTS TUBES: (Type and Number) 1 - Type 10 VT-25 3 - Type 864 VT-24 TYPE OF SIGNAL: CW ON:	CR-131, SCR- R-77-B D BY VEHICLE	
PART C- PRINCIPAL COMPONENTS (CLASSIFICATION:		
DIMENSIONS		
ITEM HEIGHT WIDTH DEPT	H WEIGHT	GLASSIFICATION
TRANSMITTER & RECEIVER, BC-148 HAND GENERATOR, GN-35	22# 20-1/4#	
RADIO SET SCR -131 IN OPERATING POSITION	1-5/8#	
LUW PUWER, PURIABLE CUMMUNICATION SET, REPLACED BY SCR-281;	76#	
LOW POWER, PORTABLE COMMUNICATION SET, REPLACED BY SCR-284 COMBINED WEIGHT OF COMPONENTS:	6 Cu. F1	

90#

SCR-161 NOMENO DESIGNA	CLATURE		SEE INDIV			STATUS:	OBSOLETE 1 FEB 44		INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			TACTICAL (CHARACTE	RISTICS	CHANGE IN STATUS:	in 39	NEARG I	
FREQUENCY RANGE: (Mo) TRANS.4.37 TO 5.1. NUMBER OF CRYSTALS: NONE ANTENNA: LOOP LP-7 TUNING: (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOUNCES: TRANS HAND GENERATOR REOVR DRY BATTERY 4-1/2 & 45 v. SIMILAR SOURCE: SCR-131 (DIFFERENT FREQUENCY) POWER OUTPUT: (WATTS) 5 TUBES: (TYPE AND NUMBER) 1 BC-151 TRANSREOVR 1 - TYPE 10 VT-25 3 - TYPE 864 VT-24	RANGE: TO COM TO REP TRANSF	CATION BET MAD FROM F USED FOR L UNITS. ON REGT. HQ. (MILES) MUNICATE W PLACE IN PA	THE EN DIV. REGIMENT TO LIAISON PURIO GROUND: BI BM. HQ. 5 VITH: SCR-1 CARRIED I	ARTILLERY BATTALION POSES BETW HQ. LT. ME 161, SCR-28 7-B AND 10 N VEHICLE, HORSE PACK	EEN ARTILLERY D. & HVY. 38 AND SCR-245. THO-MAN				>
						1		/	000
PART C - PRIN (CLASSIFICATION:	DIPAL COMPO	DNENTS						1-8	
PART C - PRIN		DNENTS) DIMENSION:	S DEPTH	WEIGHT	CLASSIFICATION			1-1	A
PART C - PRIN (CLASSIFICATION:) DIMENSION:		WEIGHT	CLASSIFICATION UNCLASSIFIED			1-1	K
PART C - PRING (CLASSIFICATION:) DIMENSION:		22 #				\-\f	The state of the s
PART C - PRING (CLASSIFICATION: ITEM 1 RADIO RECEIVER & TRANSMITTER BC-151) DIMENSION:			UNCLASSIFIED		0		
PART C - PRING (CLASSIFICATION: ITEM 1 RADIO RECEIVER & TRANSMITTER BC-151 1 HAND GENERATOR GN-35) DIMENSION:		22 # 20 1/4# 1 5/8#	UNCLASSIFIED UNCLASSIFIED		RADIO SET SCR-161		
PART C - PRING (CLASSIFICATION: ITEM 1 RADIO RECEIVER & TRANSMITTER BC-151 1 HAND GENERATOR GN-35 1 ANTENNA LOOP LP-7 COMBINED WEIGHT OF COMPONENTS:) DIMENSION:	DEPTH	22 # 20 1/4# 1 5/8#	UNCLASSIFIED UNCLASSIFIED		RADIO SET SCR-161	IN OPERATI	NG POSITION
PART C - PRIN. (CLASSIFICATION: ITEM 1 RADIO RECEIVER & TRANSMITTER BC-151 1 HAND GENERATOR GN-35 1 ANTENNA LOOP LP-7) DIMENSION:	DEPTH	22 # 20 1/4# 1 5/8#	UNCLASSIFIED UNCLASSIFIED	LOW		IN OPERATI	NG POSITION

INCORPLICATIONAL LITERATURE.										
INSTRUCTIONAL LITERATURE: TR-1210-31	STATUS:	OBSOLETE 1 FEB 44	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	CHOM H		SCF	2-1	71	
	CHANGE IN STATUS:	R SUNIORS	PART A - TECHNICAL CHARACTER (CLASSIFICATION:	STICS	F	CLASSIFICAT		CHARACTER	ISTICS	
•			FREQUENCY RANGE: (Mc) TRANS. 2.64 NUMBER OF CRYSTALS: None. PRESET FREQUENCIES: None	то 3.04.	USE: USED BY INFANTRY, FIELD ARTILLERY, SIGNAL CORPS, AIR CORPS, FOR COMD. COM. BETWEEN DIV. HQ. AND BRIGADES. ALSO BETWEEN DIV. HQ AND REGIMENT.					
		ANTENNA: 60 FT. "L" TYPE WITH COUN	TERPOISE ON							
			TUNING (MO OR XTAL): MO	especial caretor						
			SENSITIVITY: SELECTIV	/ITY:	RANGE:	(MILES) 1	5			
To the second	6		POWER SOURCE: TRANSHAND GENERATOR 400 v. RECVR4.5 & 45 v. DRY BAT SIMILAR SETS: SCR-131, AND 161 (Exc and Antenna).	TERIES.	SC	CR-245, SCF	1-193 AND	THE RESERVE		
	10	0	POWER OUTPUT: (WATTS) 5	DE INTERPREMENTAL LA	TO REPL	ACE IN PAR	T: SCR-7	79-A, AND 13	30.	
	10.6		TUBES: (TYPE AND NUMBER) 1 - TYPE 3 - TYPE	10 VT-25 864 VT-24	TRANSPORTATION: CARRIED IN VEHICLE, OPERATED ON GROUND.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)							
			PRESCRIPTION OF THE REAL PROPERTY.	ITEM DIMENSIONS				WEIGHT	CLASSIFICATIO	
			II Em	1	HEIGHT	WIDTH	DEPTH	WEIGHT	OLASSII IOA	
					1100					
	THE TOTAL PROPERTY.		RADIO RECEIVER & TRANSMITTER BC-15	6				24 #	UNCLASSIFI	
			GENERATOR GN-35	6				20 1/4#	UNCLASSIF	
				6					UNCLASSIF UNCLASSIF UNCLASSIF	
			GENERATOR GN-35	6				20 1/4#	UNCLASSIF	
			GENERATOR GN-35	6				20 1/4#	UNCLASSIF	
	MITTER BC-156 PERATING POSIT	(PART OF RADIO SET SCR-171)	GENERATOR GN-35	6				20 1/4#	UNCLASSIF	
IN OF	PERATING POSIT		GENERATOR GN-35					20 1/4#	UNCLASSIF	

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION) PROCESSIFE AND SECURITY PARKES (Mp.) TARKES IN TO 8; 1,5 TO I 5 RECONS. LIK TO 10; 1,5 TO 10; 1,5 TO 5 RECONS. LIK TO 10; 1,5 TO 10;	SCR-177 NOMENCLA DESIGNATION				VIDUAL SE		STATUS:	STANDARD 26 Dec 33	INSTRUCTIONAL LITERATURE:
NUMBER OF CRYSTALS; None PRESET FREQUENCIES: NONE ANTERNAL CHIPCHARLE A					CHARACTI	ERISTICS			
RADIO TRANS. BC-191-A RADIO RECVA. BC-1894A POWER UNIT PE-19 COMBINED WEIGHT OF COMPONENTS: CLASSIFICATION WEIGHT	NUMBER OF CRYSTALS: NOME PRESET FREQUENCIES: NOME ANTENNA: CROW-FOOT all to a8 Mo./1.5 to l.5; INVERTED "L". AN-21-A, 22-A, 23, 25, 26, & 27. TUNING: (MO OR XTAL) MO SENSITIVITY: POWER SOURCE: TRANS. BC-191-A. REGVR. BD-AA-69; BD-AB-69; BD-AC-69; BD-AD-69; BD-AE-69; WITH 12-V. STORAGE BATTERY. SIMILAR SETS: SCR-188 POWER OUTPUT: (WATTS) 75 AT 85% Mod.	RANGE: TO COM S TO REP TRANSP	He, AA BNI CAC: (TD) RY ARTY: AC. (MILES) (MULLES) (CR-238; SCI PLACE IN PAI ORTATION: GROUND.	HQ CO. BHQ, REST HD) BHQ, I EW-100; To ITH: SCR-1: R-287. RT: SCR-1	He, BN He REST He, B NE-70; VOI 77-B; SCR- 32-A; SCR-	N HQ, BTRY (LTRD) OE-30. 187; SCR-193; 136. OPERATED ON	THE POWER, MEDIUM PREQUENCY, A UNHOATION. THE "A" MODEL DIFFERS FROM THE BUILT-IN COLLS RECEIVERS WITH BUILT-IN COLLS RECEIVERS WITH BUILT-IN COLLS RECEIVERS WITH SULT-IN COLLS RECEIVERS WITH SET, SULT, MEDIUM POWER GROUND SET,	SET SOR-	
RADIO TRANS. BC-191-A RADIO REOVA. BC-189#A PORER UNIT PE-49 COMBINED WEIGHT OF COMPONENTS: UNCLASSIFIED UN							RE 177	A CONTRACTOR OF THE PARTY OF TH	
RADIO TRANS. BC-191-A RADIO REOVA. BC-189#A POWER UNIT PE-49 COMBINED WEIGHT OF COMPONENTS: UNCLASSIFIED UN	ITEM				WEIGHT	CLASSIFICATION	B 4 7 7 7	RINCIPA	
	RADIO REOVR. BC-189#A POMER UNIT PE-49					UNCLASSIFIED	SET. POINT-TO-POINT AND GROUND-TO- THE MARY IT INCLUDES AN IMPROVED THE RECELVER PRECUENCIES ARE COVER IVER WITH SEPARATE COIL SETS. SCR. B.O Mb. TO BE PARTIALLY REPLACED		
COMBINED VOLUME: 20 Cu.Ft Det					-		1777		
	COMBINED VOLUME:				20 Cu.F%		B 4 9	THE RESERVE	

		THIS SH	EET IS CLASSIFIED: UNCLASSIFIED			(GROUND	SIGNAL EQ	UIPMENT: G	ROUND RADIO.)
INSTRUCTIONAL LITERATURE: TM 11-232	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:			SCR-	-17	7-B
	CHANGE IN STATUS:	in the same	PART A - TECHNICAL CHARACTER (CLASSIFICATION:	ISTICS	F	CLASSIFICA		HARACTER	ISTICS
			FREQUENCY RANGE: (Mc) TRANS14 RECVR11 NUMBER OF CRYSTALS: None PRESET FREQUENCIES: None		C	IG C: SIG	BN, DIV S 14 Co. BHQ, REST H 1D) BHQ, RI	IG CO, R. HQ. BN HQ. EGT HQ, BN	I. Co, AA REST
		SCR-177-B USES	ANTENNA: CROW-FOOT .L TO .8 Mc/1. INVERTED "L". AN-21-A, 22-A, 23 TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTI	VITY:		(MILES)			oE-30.
1 1		SCR-17	POWER SOURCE: TRANS. PE-49; REGGAND 12V BATTERY. SIMILAR SETS: SCR-188-A	VR. DM-21,					136; SCR-177-A.
		COMPONENTS	POWER OUTPUT: (WATTS) 75 € 100% TUBES: (Type and Number) 4-605 2-666 8-667 2-617 2-617 1-10	to the same of the	TRANSF		CARRIED I	N VEHICLE,	OPERATED ON
		PRINCIPAL CON	L-211SPL	PART C-PRINCIPAL (CLASSIFICATION:	COMPONI	ENTS			
	1	! 40		(OLASSIFICATION.	-	DIMENSIONS			
		AS R	ITEM	Activities Comments	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
		RADIO SET SCR-177 RECEIVERS BG-312 AND BG-314 INSTEAD	TRAMS. BC-191 REOVR. BC-3114 REOVR. BC-312 POWER UNIT PE-49						

		DIMENSIONS	3		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
TRANS. BC-191					A STATE OF THE STA
RECVR. BC-314					The second second
RECVR. BC-312					
POWER UNIT PE-49					
			200		
			1		
					1
COMBINED WEIGHT OF COMPONENTS:					
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:					

THIS SHEET IS CLASSIFIED:

UNCLASSIFIED

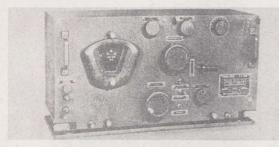
SCR-178 NOMENCIAL DESIGNATION			SEE INDIV			STATUS:	OBSOLETE 4 FEB 44	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:) FREQUENCY RANGE: (Mo) TRANS. 2.4 - 3.7. REOVR. 2.4 - 3.7. NUMBER OF C RYSTALS: NONE PRESET FRQUENCIES: NONE ANTENNA: 27 Ft. FISHPOLE WITH COUNTERPOISE. TUNING (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANSHAND GENERATOR 8 & 500 v. RECVRPRY BATTERIES - 4 BA-2; 4 BA-23 AND 2 BA-27. SIMILAR SETS: SCR-179 POWER OUTPUT: (WATTS)CW - 5; TONE - 3; VOICE - 2. TONE - 100%, VOICE - 90% MODULATION TUBES: (TYPE AND NUMBER) TUBES: 1 BC-186, REOVR. 2 TYPE 30, 2 TYPE 34. 1 BC-187-A: 1 TYPE 10, 1 TYPE 865. 1 MODULATOR BC-188-A: 2 TYPE 30.	RANG TO C TO R TO R TYPE	CLASSIF USED BY MED., HV POINT TO ALL FA UFOR OBSE SE: (MILES) COMMUNICATE SCR-238. EPLACE IN I	FIELD ARTI Y, & LT. B POINT, AN NITS, (EXC RVATION PU POINT TO VOICE-10 AIR TO & VOICE-50 WITH: SCR-	POINT: CW- RP-178; SCF	GROUND: FA, REGT HQ. FOR O PLANE BETWEEN AND AIRCRAFT -25; TONE-20; 100; TONE-75; R-179 AND	CHANGE IN STATUS:		
PART C - PRINCIPA (CLASSIFICATION:	AL COMP)					VIE	- 4-0
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION		RADIO SET SCI	OSITION .
1 RADIO TRANS. BC-187-(A) 1 RADIO MODULATOR BC-188-(A) 1 RADIO RECVR. BC-186 1 GENERATOR GN-37				12.2# 6.1# 9.2# 30.0#	UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED			RADIO SET SCR-178 OPERATING POSITION IN FIELD
COMBINED WEIGHT OF COMPONENTS:	-			200 #	2 - 4 - 1 - 4 - 4 - 4	RADIOS	ST SCR-178 IS A LOW POWER SET	FOR POINT-TO-POINT AND
COMBINED VOLUME:		1		14 Cu.FT	T. GREENING	GROUND	ET SCR-178 IS A LOW POWER SET -TO-AIR COMMUNICATION BETWEEN ON AIRCRAFT, WHEN CARRIED IN	FIELD ARTILLERY AND OB-
SHIP TONNAGE:				224 #	Sementi e e .	ED SCR-	179. H. F. REPLACEMENT FOR R	ADIO SET SCR-109-A.

			CP-	170
STATUS: (CLASSIFICATION:)			UIT	179
FREQUENCY RANGE: TRANSMITTER. 2-h = 3-7	The second secon	(CLASSIFICATION:	CHARACTER	RISTICS)
RECEIVER, 2.4 - 3.7 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 27 FOOT FISHPOLE, BITH COUNTERPOISE TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: RADIO GENERATOR GN-37, 8 AND 5 DAY BATTERIES AS FOLLOWS: 4 BA-23; SIMILAR SETS: SCR-178. POWER OUTPUT: (WATTS) CW-5; TONE-3; VOICE-2 TONE-100%; VOICE-90% MODULATION. TUBES: (TYPE AND NUMBER) 1 BC-186 USES: 2, 3 2, 34. 1 BC-187-A USES: 1, 10; 1, 865; 1 BC-188-A USES: 2, 30.	RANGE: VOICE-3 TO COMMA AND SCR TO REPLA 2.2, TRANSPOR	INICATE WITH: RAD	D-POINT: CW- D: CW-100; To D:O SET SCR-10	-25; TONE-20; ONE-75; 178; SCR-179,
PART C- (CLASSIFIC	PRINCIPAL COMPON	ENTS		
RADIO SET SCR-179 HORSE PACK		DIMENSIONS	WEIGHT	CLASSIFICATIO
RADIO MODULATOR, BC-188 RADIO TRANSMITTER, BC-187 RADIO RECEIVER, EC-186 RADIO GENERATOR GN-37	HEIGHT	WIDTH DEPT	H	SMADER THOUGHT STREET TO STREET THE STREET T
RADIO SET SCR-179 OPERATING POSITION IN FIELD				
OPERATING POSITION IN FIELD			203#	
OPERATING POSITION IN FIELD			203# 5 Cu.FT.	

SCR-183 NOMENCLA DESIGNATION			E: SEE INDI			STATUS:	LIMITED STANDARD 13 Nov 43	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			- TACTICAL	CHARACTI	ERISTICS	CHANGE IN STATUS:	10 AMAD	18/11=200
FREQUENCY RANGE: RECEIVING - 201-398 Ko, 4150-7700 Ko. TRANSMITTING - 2500-7700 Ko. NUMBER OF CRYSTALS: NOME	USE:	COMMAND S		-TO-PLANE;	PLANE-TO-GROUND			
PRESET FREQUENCIES: NOME ANTENNA: RECYR 5 FT. VERTICAL MAST ANTENNA. TRANS "T" OR "L" TYPE 16 TO 18 FT. LOME. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT PLANE BATTERY. SIMILAR SETS: SIMILAR TO SCR-283 EXCEPT 12 V. POWER OUTPUT: (WATTS) VOICE 3.3; TONE 3.2; CW 4.0. TUBES: (TYPE AND NUMBER) 1 TYPE 37 1 TYPE 37 1 TYPE 38 2 TYPE 10 2 TYPE 45 SPL. (TUBE CONTENT SHOWN ABOVE PERTAINS TO SCR-AB-183)	TO COM TO REF	MUNICATE OF EACH O PLACE IN P	THER COVER	TO-GROUND REQUIPMENT ING SAME FR	IT WITHIN RANGE	PRINCIPAL COMPONENTS OF RADIO SET SCR-183 THERE ARE SEVERAL MODELS OF RADIO SET SCR-183 OLATURE SETTEEN "SCR" AND THE MUMERAL "183", FAOTURERS OR PRODUREMENT CONTRACTS, AND THERE FAOTURERS OR PRODUREMENT CONTRACTS, AND THERE TRANSMITTER MAY USE CALIBRATING ORYSTAL DC-10.	LANTENNA JUNI SWITCHING RELAY TYPE BC-AE-198	COIL SETS TYPES C-216 C-217 C-218 C-219 C-219 TYPE BD-AG-83 COIL SETS TYPE BC-AR-230 FYPE BC-AR
PART C - PRINCIP (CLASSIFICATION:	AL COMPO	NENTS				SET SCR-183 RAL "183" WETAL DC-10.	CTION BOX	100 ING
ITEM	HEIGHT	DIMENSION	S DEPTH	WEIGHT	CLASSIFICATION	THE		TYPO TR
RADIO RECVR. BC-229 RADIO TRANS. BC-230 DYNAMOTOR UNIT BC-83 BD-83 RADIO CONTROL BOX BC-231 RADIO CONTROL BOX BC-232 ANTENNA SW. RELAY BC-198 2 RECVR COIL SETS (ONE IS A DUAL COIL) 6 TRANS. COIL SETS.	7 5/8 7 5/8 4 5/8 2 7/16 4 9/16	8 1/4 6 5/8 4 4 4 5/8	15 11/16 13 1/4 2 7/16 4 5/8 2 3/4	12.0 10.2 9.9 .9 .9	Jivash chang (acang chang naway chang naway chang	TYPE BC-AE-232 TYPE C-153-A DESIGNATED BY LETTERS IN THE MOMEN- SE LETTERS INDICATE DIFFERENT MANU- BE MINOR DIFFERENCES BETWEEN MODELS	LL BOX	MOUNTING [TYPE FT-99] G. 166 C. 167 C. 168 C. 169 C. 170 C. 171 C. 172 C. 173
COMBINED WEIGHT OF COMPONENTS:				43.3#(INC	LUDING MINOR COMP)	0	>	
COMBINED VOLUME:	-		Maria de la compansión de	165 CU.FT				

CONTRACTOR OF THE PARTY OF THE
INSTRUCTIONAL LITERATURE:
COVERED BY BOOKS FOR TRANS.
BC-191 & RECEIVER BC-224
BC-191-A, B,C, D,B & AA-191
TM-11-800
BC-191-N - TO 08-10-165
BC-2211-A-TO 08-10-24
BC-224-B - TO 08-10-25
BC-224-C - TO 08-10-47
3C-221-D - 16 STOCK No.
SC 175514 D/1
BC-224-E, G, H -TO 08-10-79
BC-224-F.K - TO 08-10-180
BC-224-L - TO 08-10-164

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LIMITED STANDARD 13 Nov 43
P (20)



RADIO RECEIVER BC-224



ANTENNA TUNING UNIT

RADIO TRANSMITTER BC-191 (TRANSMITTER TUNING UNIT TU-5 IN PLACE)

RADIO SET SCR-187. COMPONENTS. RECEIVER BC-224 CONTAINS CRYSTAL FILTER. FOR SECTION CLASSIFICATION.

NOTE: SEE INDIVIDUAL SECTIONS

NOMENCLATURE DESIGNATION:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION:

JENCY RANGE: RECVR.- 1.5 - 18 Mo. TRANS.- 1.5 - 12.5 Mo.; 200-300Ko; 600-1500 Ko. FREQUENCY RANGE:

NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: NONE

ANTENNA: TRAILING WIRE

TUNING: (MO OR XTAL)

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: 12 - 14 VOLT AIRPLANE BATTERY SUPPLY.

SIMILAR SETS: SCR-287

POWER OUTPUT: (WATTS) 30 - 60 WATTS.

TUBES: (TYPE AND NUMBER) SCR-AA-137 uses:

TRANS. - 4 VT-4-B

RECVR. - 1 VT-37 1 VT-38 4 VT-49

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION LIAISON SET.

RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES.

TO COMMUNICATE WITH: SCR-188; SCR-193; SCR-197; SCR-299.

TO REPLACE IN PARTE

TRANSPORTATION: AIRBORN INSTALLATION.

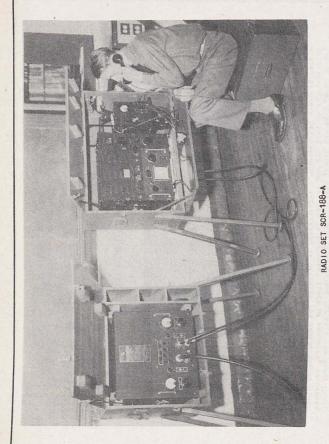
TYPE OF SIGNAL: VOICE, TONE, CW.

PART C - PRINCIPAL COMPONENTS

TANK TO THE PARTY OF THE PARTY		DIMENSION	S	WEIGHT	CI ACCIFICATION
ITEM 140 HTMM	HEIGHT	WIDTH	WIDTH DEPTH		CLASSIFICATIO
RADIO TRANS. BC-191 RADIO RECVR. BC-221 DYNAMOTOR UNIT BD-77 RADIO CONTROL BOX BC-309 ANTENNA TUNING UNIT BC-506 TRANSMITTER TUNING UNIT TU-5 TRANSMITTER TUNING UNIT TU-6 TRANSMITTER TUNING UNIT TU-7 TRANSMITTER TUNING UNIT TU-7 TRANSMITTER TUNING UNIT TU-8 TRANSMITTER TUNING UNIT TU-9 TRANSMITTER TUNING UNIT TU-10 NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLA SETS VARY CONSIDERABLY AND THE FIGURES SHOWN				55 40 4.4 .42 9.75 13 13 13 13 13 13 13	APP MADE
COMBINED WEIGHT OF COMPONENTS:			V.19 (88)	250LB8. A	PPROX.
COMBINED VOLUME:				6 cu.FT.	
SHIP TONNAGE:					DARLIOT HOME

SCR-188 NOMENCLA DESIGNATION			SEE INDIV			STATUS:	STANDARD 26 Dec 33	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL ICATION:	CHARACTE	RISTICS	CHANGE IN	- dgraey	
FREQUENCY RANGE: TRANS.: 1.5 - 12.5. REOVR.: 0.4 - 13.0 Mc. NUMBER OF CRYSTALS: 1 AS XTAL OSCILLATOR.	USE:	AC PURSUI ATTACK SIG CO	T: SQDN, : SQDN, : AWS Co	GRP, WNG.	OBS.	3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
PRESET FREQUENCIES:								
ANTENNA: INVERTED L (\$\frac{1}{2}\$ or \$3/4 wave). AN-22-A, 23-A, 25, 26, 27, & 28. TUNING: (MO OR XTAL) MO							Some	
				. House			Umi	
SENSITIVITY: SELECTIVITY:		: (MILES)					TA B N	
POWER SOURCE: TRAMS, PE-49-A; RECYR. BD-AA-69; BD-AB-69; BD-AC-69; BD-AC-69; BD-AE-69, WITH 12 V STORAGE BATTERY.	то со	MMUNICATE I SCR-197; SC SCR-274-N;	NITH: SCR- CR-240-A; SCR-283:	183; SCR-1 SCR-259-A; SCR-287: S	87; SCR-188; SCR-261-A; CR-238-A.		IFE PL	
SIMILAR SETS: SCR-177-A EXCEPT FREQUENCY.	TO RE	PLACE IN P	ART: NONE			p	4	
POWER OUTPUT: (WATTS) 75 AT 85% MODULATION TONE; VOICE. TUBES: (Type and Number) 1 BC-189-A: 3 Type 36; 1 Type 38; 4 Type 39/44. 1 BC-AA-191: 1 Type 10 4 Type 211 Spl.		PORTATION: ON GROUND OF SIGNAL:	ONLY).			RADIO SET SCR-188,		Type L Associ
PART C - PRINCIF (CLASSIFICATION:	AL COMPO					188, IN	Silent Co.	TED L
ITEM		DIMENSIONS		WEIGHT	CLASSIFICATION			200
Maria de la companya del companya de la companya del companya de la companya de l	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	OPERATING		330
					THE REAL PROPERTY.	ING		36.
RADIO TRANS. BC-AA-191				DESCRIPTION OF THE PERSON OF T	UNCLASSIFIED	Po		N.
P. D	THE PARTY	100			UNCLASSIFIED	POSITION		
RADIO RECVR. BC-189-A								
Power Unit PE-49			100	ALC: NO.		N.	1111	
					UNCLASSIFIED	ON.	70-	RADIO K TYPE BC ASSOCIATE
						ON.		RADIO RECEIVE TYPE BC-189 A. ASSOCIATED EQUIP
		- (10)				ON.		RADIO RECEIVER. TYPE BE-189, AND ASSOCIATED EQUIPMEN
POWER UNIT PE-49		-TEG TA		1.150#		ON.		RECEIVE BC-189, AL
		100		1,150# 25 ou.ft.		ON.		RECEIVE BC-189, AL

INSTRUC	TIONAL LITERATURE:	STATUS:			
TM 11	-233		Section 1	1	A PARTY
		CHANGE IN STATUS:			



PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)

NOTE: SEE INDIVIDUAL SECTIONS

FOR SECTION CLASSIFICATION.

FREQUENCY RANGE: (Mo) TRANS. 1.5 - 12.5 REOVR. 1.5 - 18.0

NUMBER OF CRYSTALS: PRESET FREQUENCIES:

ANTENNA: INVESTED L (a. 3/4 wave). AN-22-A, 25-A, 25, 26, 27, & 28.

TUNING: (MO OR XTAL) MO

SENSITIVITY:

SELECTIVITY:

NOMENCLATURE

DESIGNATION:

POWER SOURCE: TRANS. & RECVR. PE-75.
TRANS. RECTIFIER RA-36. RECVR. RECTIFIER RA-20.

SIMILAR SETS: SCR-177-B

POWER OUTPUT: (WATTS) 75 @ 85% MOD. TONE & VOICE.

TUBES: (Type AND NUMBER)

ACTION

UP IN

SET

TRANSMITTER

SHOWING

NUMBER)
1-5WL 1-6L7 1-10
3-6C5 1-6R7 L-211SPL
1-6F6 1-6X5GT 2-866A

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: AC PURSUIT: SQDN; GRP, WNG.
ATTACK : SQDN, GRP, WNG, OBS.
Sig C : AWS Co.

RANGE: (MILES) CW 100; TONE 70; VOICE 30.

TO COMMUNICATE WITH: SCR-183; SCR-187; SCR-188; SCR-197; SCR-240-A; SCR-259-A; SCR-261-A; SCR-274-N; SCR-283; SCR-287; SCR-238-A.

TO REPLACE IN PART: NONE

TRANSPORTATION: VEHICLES OR PLANES (OPERATED ON G ROUND ONLY).

TYPE OF SIGNAL: CW; Tone; Voice. (A.M.)

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:)

The state of the s		DIMENSIONS	3		
HARVE THEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
TRANS. BC-191 REOVR. BC-342 POWER UNIT PE-75 REOTIFIER RA-34				1	UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED
COMBINED WEIGHT OF COMPONENTS:				1385#	
COMBINED VOLUME OF COMPONENTS:				-	
SHIP TONNAGE:		100		1	Tonger deir

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

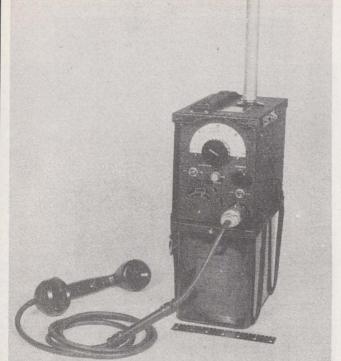
SCR-193 NOMENCL DESIGNAT			SEE INDIV			STATUS:	STANDARD 5 Dec 33	INSTRUCTIONAL LITERATURE: TM 11-273
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			TACTICAL ICATION:	CHARACTE	RISTICS	CHANGE IN STATUS:	AN ADMIN	
FREQUENCY RANGE: (Mc) TRANS.: 1.5 - 4.5. REOVER: 1.5 - 18.0. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 15' FIBHPOLE ON FLEXIBLE MAST BASE MP-14 OR MP-37. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS. DYNAMOTOR UNIT BD-77; REOVE. DYNAMOTOR INTEGRAL. 12 V OAR BATTERY. SIMILAR SETS: SCR-177-B POWER OUTPUT: (WATTS) 75 AT 100% MODULATED. TUBES: (TYPE AND NUMBER) 8 VT-4-B; 4 IN USE, 4 SPARE. 2 VT-25; 1 IN USE, 5 SPARE. 2 VT-36; 3 IN USE, 7 SPARE. 8 VT-49; 4 IN USE, 4 SPARE.	RANGI TO C TO R TRAN	ENGRS: CI SIG C: C TANKS, S TANKS, S E: (MILES) VOICE-20 VOICE-15 OMMUNICATE SCR-178; SCR-210; EPLACE IN SPORTATION COMBAT C T-11, AR	STATIONAL MOVING WITH: SC SCR-187; S PART:	RY - CW-60 - CW-30; T R-131; SCR CR-193; SC CR-245; SC	; Tone-40; one-20; -171; SCR-177; R-203; SCR-209; R-259; SCR-287. TANK T4, 2, ARMD CAR	HADIO SET SCH-199 IS A WENIOULAR OF HADIO SET SCH-2015. IN PLACED BY RADIO SET SCH-2015. IN MODIFICATIONS OF THIS SET ARE ADAPTAMES, SCOUT CARS AND COMBAT CARS, MAGAT. DIFFERENCES AND HALFY IN COMPA CAPALRY UNITS, FREQUENCIES OF 2.0 CAVALRY UNITS, FREQUENCIES OF 2.0	INSTALLATION IN	
PART C - PRINC (CLASSIFICATION:						AR OOMMUNTALIAT	SET - 0 C	
ITEM		DIMENSIONS	DEPTH	WEIGHT	HT CLASSIFICATION	DIFFE	SCR-193	
RADIO TRANS. BC-191 RADIO RECVR. BC-312 DYNAMOTOR BD-77				11-2	UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED	SET. IN INFANTRY IT MAS BEEN RE- VEHIOLES FOR INTERCOMMUNIO ATIONS RENT TYPES OF VEHIOLES, INCLUDING D IS THE SET USED FOR SOUT CARS, EN RADIO SET SCR-193 IS ISSUED TO E ASSIGNED.)	LE COMMAND (RADIO)	
COMBINED WEIGHT OF COMPONENTS:				200 #				
COMBINED VOLUME:				7 OU.FT.				
SHIP TONNAGE:								

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THIS SHEET IS CLASSIFIED: UNCLASSIFIED

Regraded Undassified DOD Dir 5200.9

INSTRUCTIONAL LITERATURE: TM 11-238	STATUS:	LIMITED STANDARD 18 Mar 43
	CHANGE IN STATUS:	With a service of the



RADIO SET SCR-194 ASSEMBLED VIEW.

"Walkie-Talkie" physically similar to field pack. Can be operated while being carried as a one-man pack or from a vehicle. Normally only two sets can be nettee. To be replaced by SCR-500. Partially replaced in AF by SCR-509 and 510. Replaced in FA by SCR-609 and 610. Can be remote controlled or operated through telephone switchmodard, when remote Control equipment RO-66 is used.

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (Mo) 27.7 to 52.2.

NUMBER OF CRYSTALS: 1 FOR GALIBRATION.

NOTE: SEE INDIVIDUAL SECTIONS

FOR SECTION CLASSIFICATION.

PRESET FREQUENCIES: NOME.

ANTENNA: ADJUSTABLE ROD FOR GROUND USE (12 SECTIONS MAX.). THREE SECTION FISHPOLE FOR VEHICLE.

1/2-RHOMBIO ANTENNA EQUIPMENT RC-63 MAY BE ADDED FOR GREATER DISTANCE.

TUNING (MO OR XTAL): MO

SENSITIVITY: SELECTIVITY:

POWER SOURCE: DRY BATTERIES BA-32.

SIMILAR SETS: SCR-195 EXCEPT FOR F REQUENCY.

POWER OUTPUT: (WATTS) .75 @ 60% MODULATION.

TUBES: (Type and Number) BC-222 Transceiver,
Tubes: 1 Type 35
1 Type 30 Spt.

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: USED BY FIELD ARTILLERY, SIGNAL CORPS, ARMORED FORCES.

RANGE: (MILES) 5

TO COMMUNICATE WITH: SCR-194 ONLY.

TO REPLACE IN PART: SCR-161 FOR SHORT RANGE LIAISON.

TRANSPORTATION: MAN PACK OR IN VEHICLE.

TYPE OF SIGNAL: VOICE.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)

NOMENCLATURE DESIGNATION:

		DIMENSIONS		WEIGHT	CI ACCITICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RECVR. & TRANS. BC-222 IN BM WITH BATTERIES, ANTENNA, HEADSET, AND MICROPHONE.	1 Cusi	р Гоот	-1-522-3	25.10#	UNCLASSIFIED
	2 (1101	O FEET	NAMED AND BE	64.14#	UNCLASSIFIED
AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33	2 0081	D LEEL	A TOLER	04.148	NOT THE LETTER.
	1544				
	1000				
COMBINED WEIGHT OF COMPONENTS:				90 #	
COMBINED VOLUME:				1.1 Cu.FT	
SHIP TONNAGE:				103 #	

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION (CLASSIFICA	SCR-195 NOMENCLAT DESIGNATION			SEE INDIVI			STATUS:	OBSOLETE 28 Jan 44	INSTRUCTIONAL LITERATURE TM 11-238	
NUMBER OF CAYSTALS: 1 UNED FOR CALIBRATION. PRESET FREQUENCIES: NONE. ANTENNA: 8 SECTION - ACAUSTANCE MOD FOR GROUND UNE. THE SECTION FISH POLE ON FLEXIBLE MOUNTING FOR VEHICLE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SCHOOL DAY BATTERIES BA-32. SIMILAR SETS: SOR -19% EXCEPT FOR FREQUENCY. POWER OUTPUT: (WATTE) ,5 60% MODULATION. TUBES: (TYPE AND NUMBER) "MALKIE-TALE # 50-522: TO COMMANICATE WITH: NONE. TYPE OF SIGNAL: VOICE. PART C - PRINCIPAL COMPONENTS ITEM DIMENSIONS HEIGHT WIDTH DEPTH WEIGHT. ANY LIAMY EQUIPMENT AND SPARE PARTS IN CREST CH-23. COMMINED WEIGHT OF COMPONENTS: SOMBLINED WEIGHT OF COMPONENTS:	(CLASSIFICATION)	1105	CLASSIF	ICATION:)		10.75		
ANTENNAS & SECTION -ADJUSTABLE ROD FOR GROUND WE NOT SELECTIVITY: TON WENCLE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SUMPCE: DRY BATTERIES 84-32. SIMILAR SETS: SCR -194 EXCEPT FOR FREQUENCY. POWER SUMPCE: (WATER) .5 60% MODULATION. TUBES: (TYPE AND NUMBER) "WALK IC-TALKIE! 80-522: TURES: TYPE 50 SPL. TYPE 00 SIGNAL: Voice. TYPE 00 SIGNAL: Voice. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: DIMENSIONS HEIGHT WIDTH DEPTH 26.85% UNCLASSIFIED AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-35. WEIGHT OF COMPONENTS: COMBINED WEIGHT OF COMPONENTS: OAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT OF HILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CHAPTER OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CHAPTER OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT. CAN BE OPERATED WHILE BEING DARRIED AS A ONE-MAN PACK OF WEIGHT.	NUMBER OF CRYSTALS: 1 USED FOR CALIBRATION.	USE:	PARACHUT	E BATTALIO	NS. POINT	TO POINT				
TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SCURCE: DAY BATTERIES BA-32. SIMILAR SETS: SOR -194 EXCEPT FOR PREQUENCY. PORER OUTPUT: (WATTS) .5 60% MOBULATION. TUBES: (TYPE AND NUMBER) WALKIE-TALKIE 1 BO-522: TUBES: (TYPE AND NUMBER) WALKIE-TALKIE 1 BO-522: TUBES: (TYPE AND NUMBER) WALKIE-TALKIE 1 BO-522: TORSINGATION: MAN PACK, OR IN VEHICLE. TYPE OF SIGNAL: VOICE. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: MAN PACK, OR IN VEHICLE. TYPE OF SIGNAL: VOICE. PRINCIPAL COMPONENTS (CLASSIFICATION: MAN PACK, OR IN VEHICLE. TYPE OF SIGNAL: VOICE. OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: ON THE COMPONENTS: ON MAN BE OFERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "WALKIE-TALKIE"." PHYSICALLY SIMILAR TO FIELD PHYSICALLY	PRESET FREQUENCIES: None.								ii ii	
SENSITIVITY: SELECTIVITY: POWER SOURCE: DAY BATTERIES BA-32. SIMILAR SETS: SCR -194 EXCEPT FOR PREQUENCY. POWER OUTPUT: (WATTS) .5 60% MODULATION. TUBES: (TYPE AND NUMBER) "MALKIE-TALKIE 1 BC-522: TUPE OF SIGNAL: VOICE. TYPE OF SIGNAL: VOIC	USE. TWO SECTION FISHPOLE ON FLEXIBLE MOUNTIN									
TO COMMUNICATE WITH: SCR-195 ONLY. TO REPLACE IN PART: NONE. TRANSPORTATION: Man Paok, or in vehicle. TYPE OF SIGNAL: Voice. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: MEIGHT CLASSIFICATION MEIGHT CLASSIFICATION MEIGHT CLASSIFIED MEIGHT, AND HANDSET. ADDIO RECEVA. & TRANS. BC-322 IN BAR WITH BATTERIES, ANTENNA, AND HANDSET. OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: OAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE MALKIE-TALKIE* - PHYSICALLY SIMILAR TO FIELD BY VEHICLE MALKIE TALKIE* - PHYSICALLY SIMILAR TO FIELD BY VEHICLE MALKIE TALKIE* - PHYSICALLY SIMILAR TO FIELD BY VEHICLE MALKIE TALKIE* - PHYSICALLY SIMILAR TO FIELD BY VEHICLE MALKIE TALKIE* - PH	TUNING: (MO OR XTAL) MO									
SIMILAR SETS: SOR -1914 EXCEPT FOR FREQUENCY. POWER OUTPUT: (WATTS) .5 60% Modulation. TUBES: (TYPE AND NUMBER) "MALKIET-TALKIE 1 BC-522: TUBES: 1 TYPE 30 SPL. TRANSPORTATION: MAN PACK, OR IN VEHICLE. TYPE OF SIGNAL: VOICE. TYPE OF SIGNAL: VOICE. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: WEIGHT CLASSIFICATION WEIGHT CLASSIFICATION HEIGHT WIDTH DEPTH 26.85 UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED WEIGHT CLASSIFIED RADIO SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "MALKIE" - PHYSICALLY SIMILAR TO FIELD PHYSICALLY	SENSITIVITY: SELECTIVITY:	RANGI	E: (MILES) 3						
SIMILAR SETS: SCR -194 EXCEPT FOR FREQUENCY. POMER OUTPUT: (WATTS) - 5 60% MODULATION. TUBES: (TYPE AND NUMBER) "WALK IC-TALK IC 1 80-322:	POWER SOURCE: DRY BATTERIES BA-32.	TOC	OMMEIN I CA TE	WITH SO	R=195 ONLY					
TUBES: (Type and Number) "Walkie-Talkie 1 BC-322: Tubes: 1 Type 35 Spt. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: DIMENSIONS HEIGHT WIDTH DEPTH ADIO RECVR. & TRANS. BC-322 IN BAG WITH: BATTERIES, ANTENNA, AND HANDSET. UXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33. DAMBINED WEIGHT OF COMPONENTS: TRANSPORTATION: Man Pack, or in vehicle. Type of Signal: Voice. Type of Sign	SIMILAR SETS: SCR -194 EXCEPT FOR FREQUENCY.	100	ON WOOT ON TE		11 177 01121					
TUBES: 1 TYPE 33 SPL. TYPE 05 SIGNAL: VOICE. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:) ITEM DIMENSIONS HEIGHT WIDTH DEPTH 26.85# UNCLASSIFIED AND INCLASSIFIED OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: TRANSPORTATION: MAN PACK, OR IN VEHICLE. TYPE 05 SIGNAL: VOICE. TYPE 05 SIGNAL: VOICE. TYPE 07 SIGNAL: VOICE. TYPE 07 SIGNAL: VOICE. WEIGHT CLASSIFICATION AND LASSIFIED OLIVERATION: MAN PACK, OR IN VEHICLE. TYPE 07 SIGNAL: VOICE. WEIGHT CLASSIFICATION AND LASSIFIED ON CLASSIFICATION ON CLASSIFIED CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF WEHICLE "MALKIE" - PHYSICALLY SIMILAR TO FIELD PHYSICALLY SIMILAR TO FIEL	POWER OUTPUT: (WATTS) .5 60% MODULATION.	TO R	EPLACE IN	PART: No	NE.					
ITEM DIMENSIONS HEIGHT WIDTH DEPTH RADIO RECOVE, & TRANS. BC-522 IN BAG WITH BATTERIES, ANTENNA, AND HANDSET. UIXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33. OMBINED WEIGHT OF COMPONENTS: PAGE OF TRANS. BC-522 IN BAG WITH BATTERIES, ANTENNA, AND HANDSET. OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: OMBINED WEIGHT OF COMPONENTS: OAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PHYSICAL	TUBES: 1 TYPE 33	TRAN			K, OR IN V	EHIOLE.				
HEIGHT WIDTH DEPTH WEIGHT CLASSIFICATION 26.85# UNCLASSIFIED AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33 RADIO SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF YEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PHYSICALLY SIMILAR T		AL COMPO	ONENTS			/			A	
HEIGHT WIDTH DEPTH 26.85# UNCLASSIFIED AND IN SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PACK OF VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR "WALKIE-TALKIE" - PHYSICALLY SIMILAR "WALKIE "WALKIE "WALKIE" - PHYSICALLY SIMILAR	ITEM		DIMENSION	S	WEIGHT	CI ASSISIONTION				
RADIO RECVR. & TRANS. BG-322 IN BAG WITH. BATTERIES, ANTENNA, AND HANDSET. AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33. RADIO SET SCR-195. ASSEMBLED VIEW CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PARTS.		HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION				
OMBINED WEIGHT OF COMPONENTS:	RADIO RECUR. & TRANS. BC-322 IN BAG WITH			THE PARTY OF THE P	26.85#	UNCLASSIFIED			A	
COMBINED WEIGHT OF COMPONENTS: 91 # CAN BE OPERATED WHILE BEING CARRIED AS A ONE-MAN PACK OF VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PHYSICALLY SIMILAR TO	IUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33.			72.4	64.14#	UNCLASSIFIED		6		
OMBINED WEIGHT OF COMPONENTS: 91 # VEHICLE "WALKIE-TALKIE" - PHYSICALLY SIMILAR TO FIELD PI							CAN RF	The state of the s		
1.100.Fit. INCLET THE SETS CAN BE NETTED. REPLACED BY SCR-200.				Belly (19)	-	BASSEL ROS	VEHICL	E "WALKIE-TALKIE" - PHYSIC	ALLY SIMILAR TO FIELD PACK. NO	
	OMBINED VOLUME:		-		1.1CU.F	Ť.	MALLY,	UNLI THU SETS GAN BE NETT	EU. REPLAGED BY SCH-200.	

INSTRUCTIONAL LITERATURE: TM 11-805	STATUS:	LIMITED STANDARD 13 Jul 43
	CHANGE IN STATUS:	Tr atmand



RADIO SET SCR-197-A INTERIOR VIEW OF TRAILER K-19 SHOWING RADIO OPERATOR'S SECTION

Ground-to-Air long range mobile set. Transmitter and power unit installed in Truck K-18. Three Receivers, Telephone Switohboard, Typewriters and Teletypewriters installed in Trailer K-19.

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION. NOMENCLATURE DESIGNATION: SCR-197

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (Mc) TRANS. 1.5 - 18.0. RECVR. 1.5 - 18.0.

NUMBER OF CRYSTALS: TRANS. - 5; 1 IN EACH REOVR.

PRESET FREQUENCIES: 5 XTAL AND 5 MECHANICAL.

ANTENNA: 100 Ft. WITH COUNTERPOISE, SUSPENDED BETWEEN TRUCK AND SECTIONAL MAST OR 7 SECTION 107 POLE TYPE ANTENNA.

TUNING: (MO OR XTAL) MO AND XTAL.

SENSITIVITY: SELECTIVITY:

POWER SOURCE: TRANS: COMMERCIAL 220/110 V 60 CYCLE GENERATOR GN-42-A. RECVR: COMMERCIAL 110 V 60 CYCLE POWER UNIT PE-75.

SIMILAR SETS: SCR-299; SCR-399; SCR-499.

POWER OUTPUT: (WATTS) CW-400; Tone-125; Voice-125 100% Modulation.

TUBES: (TYPE AND NUMBER) SCR-197-A USES: 6 VT-42-A; 6 VT-46-A; 12 VT-65; 9 VT-66; 6 VT-76; 3 VT-80; 3 VT-83; 6 VT-84; 24 VT-86; 6 VT-87; 6 VT-88; 6 VT-87; 12 VT-101; 9 VT-106; 3 TYPE 913; 6 TYPE KU-610.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)

USE: SIGNAL CORPS, AIR CORPS. GROUND TO AIR,

RANGE: (MILES) CW & STATIONARY - 1000.

TO COMMUNICATE WITH: SCR-177; SCR-183; SCR-187; SCR-188-A; SCR-197; SCR-238; SCR-240; SCR-261; SCR-274-N; SCR-283.

TO REPLACE IN PART: NOME

TRANSPORTATION: VEHICULAR. (VEHICLES INCLUDED).

TYPE OF SIGNAL: CW; TONE; VOICE.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

TEN SHORTSHIE		DIMENSIONS	3	WEIGHT	OL A COLFICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
RADIO TRANS. BC-325					
			Tall Services	19 11 11	1
RADIO RECVR. BC-342 (3)			1-125	N 10 M	
TRUCK K-18			The real lines	-	7 II 3465
TRAILER K-19					
		The second	2		
COMBINED WEIGHT OF COMPONENTS:			Towns of the	15,000# A	PPROX.
COMBINED VOLUME:				1947 cu.	
SHIP TONNAGE:					
SHIP TONNAGE.					THE STATE OF

SCR-203 NOMENO DESIGN.	CLATURE		SEE INDIV			STATUS:	LIMITED STANDARD 6 FEB 43	INSTRUCTIONAL LITER TM 11-239
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL FICATION:	CHARACTE	RISTICS	CHANGE IN STATUS:	B 3 WARD BOARD	
FREQUENCY RANGE: (Mo) TRANS.: 2.2 - 3.06. RECYR.: 2.1 - 3.1.	USE:	CAVALRY,	FA UNITS AN	D SIGNAL (CORPS.			
NUMBER OF CRYSTALS: NONE	- ANDES							
PRESET FREQUENCIES:	1 1 1 1							TENT OF
ANTENNA: 21 8 SECTION FISHPOLE WHEN USED ON GROUND. FOR MOUNTED OPERATION FEWER SECTIONS ARE USED.	- specie							Bank a V
TUNING: (MO OR XTAL) MO								
SENSITIVITY: SELECTIVITY:	RANGE	: (MILES)	ON GROUND:	CW-30; 1	ONE-20; VOICE-5.			The same
POWER SOURCE: GN-35: 8 & 350 V. DRY BATTERIES: 1½ V; 4½ V; & 90 V. SIMILAR SETS:	тосо		PERSON LINES	THE RESERVE	209; 210; 238;		1000	A Con
POWER OUTPUT: (WATTS) 7.5 AT 60% MODULATION.	TO RE	PLACE IN PA	ART: SCR-1	27; 163-A.			1 4(0) (1)	
TUBES: (Type and Number) 1 BC-227 or BC-227-A: 5 Type 864. 1 BC-228 or BC-228-A: 2 Type 10; 1 Type 50.	1 116		HORSE PAC					
PART C - PRIN (CLASSIFICATION:	CIPAL COMP	ONENTS				1		1 9 9
ITEM		DIMENSION	S DEPTH	WEIGHT	CLASSIFICATION			1/19 15
The second secon	HEIGHT	HEIGHT WIDTH		WEIGHT	OLASSII IOATION		10	·2 -3, 111
TRANSMITTER BC-228-A OR BC-228					and the latest	RETER	E ST	1 1
REGEIVER BC-227-A OR BC-227				38 8 1	u-n delle	RAA	220	
HAND GENERATOR GN=35					Car seint	SET	N R C	一一一一一
					37.3.2.73.55	TO BE PARTIALLY SET SCR-583, AND D ELEMENTS OF CA SCR-245.	SCR-203 19 A LO GENEDIUM FREQUE SCRT FACK THAN 19 A LO	
COMBINED WEIGHT OF COMPONENTS:				160#	Tong to	ALEO IN	M OV COMM	
		1	1	10 CU.FT.	The state of the s	THE PROPERTY OF THE PARTY OF TH	THE PERSON NAMED AND POST OF THE PERSON NAMED AND PARTY OF THE PER	THE RESIDENCE OF THE PARTY OF T
COMBINED VOLUME:		-	-	10 CU.FT.		ORDER PRO		

(SCR-206-F) TM-11-240-F	CHANGE IN				SCR-206						
	STATUS:		PART A - TECHNICAL CHARACTERI (CLASSIFICATION:		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)						
			FREQUENCY RANGE: (Mo) 0.2 - 18.0 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: LOOP	**************************************		TO INTERCE STATIONS.	PT AND LOC	ATE ENEMY	GROUND		
			TUNING: (MO OR XTAL) SENSITIVITY: 20 - 100 MICROVOLTS I SELECTIVITY:	PER METER.		(MILES)		APPLICABLE	- CLASSICAL STREET		
THE STATE OF THE S			POWER SOURCE: 6-VOLT STORAGE BATTE	ERY.	TO REPLACE IN PART: TRANSPORTATION: PORTABLE						
			SIMILAR SETS: SCR-503	Office dis							
			POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 VT-94 1 VT-98 2 VT-103 (NOTE: THE TUBE LINE-UP IS FOR SO MODEL HAS DIFFERENT SET OF TUBES.	3 VT-117 1 VT-150 1 VT-152 CR-206-D. EACH	TYPE OF SIGNAL: NOT APPLICABLE.						
ه (پود) و	1300		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)								
			ITEM		the same of the same of	DIMENSIONS		WEIGHT	CLASSIFICATIO		
			112.11		HEIGHT	WIDTH	DEPTH	WEIGHT	OLASSII IOATIO		
			RECEIVER BC-470		24 1/8"	16 3/8"	15 1/2"	65.5#	-		
			ANTENNA (SENSE) (EACH SECT.)		35 5/8"		- HE-M	1.5#	of Taxanin		
			Loop LP-22		17 5/8"	15 "	5 "	4.6#	CIF HOL		
-18-1	1 1 10 V		BATTERY BOX		11 1/2"	23 "	16 1/4"	38.6#			

COMBINED WEIGHT OF COMPONENTS:
COMBINED VOLUME OF COMPONENTS:

RADIO SET SCR-206 IN OPERATING POSITION

383#

INCLUDING CORDS, CHESTS,

SCR-209 NOMENCLA DESIGNATION			SEE INDIV			STATUS:	LIMITED STANDARD 13 Dec 37	INSTRUCTIONAL LITERATURE
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL FICATION:	CHARACTE	RISTICS	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) TRANS. 2.2 - 2.6. RECVR. 1.5 - 18.0 (BC-312); 2.0 - 3.0 (BC-189) NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 15' 5 SECTION FISHPOLE ON MP-14 OR 37. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: MOTOR GENERATOR AND BATTERY UNIT PE-48 RECVR. DYNAMOTOR UMIT BD-69. SIMILAR SETS: POWER OUTPUT: (WATTS) CW-8.5; TONE-7.5; VOICE-7.5 60% Mod. Tone, 40% VOICE. TUBES: (Type AND Number) 2 VT-25 3 VT-36 1 VT-49 1 VT-50	RANGE TO CI TO RE TRANS		STATIONAR MOVING: C WITH: SC SCR-238 PART: SCR-	RY: CW-30; W-10; Tone R-193; SCR -189; 199.	-6; VOICE-3. -203; SCR-209;	<u>y</u>		
PART C - PRINCIP (CLASSIFICATION:	AL COMPO	ONENTS					- n Cnc	0
ITEM .	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION			
RADIO TRANS. BC-176-A RADIO TRANS. RECVR. BC-189 RADIO RECVR. BC-312-A-B-C-D. MOTOR GENERATOR PE-48					UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED	indo	5	.0
								144.11
							RADIO SET SOD-200 IN	OPERATING POSITION
COMBINED WEIGHT OF COMPONENTS:				163#			RADIO SET SCR-209 IM	

INSTRUCTIONAL LITERATURE: TM 11-272	STATUS:	LIMITED STANDARD 24 Nov 42		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATUR DESIGNATION:	E		SC	R-2	210
	CHANGE IN STATUS:		augo-	PART A - TECHNICAL CHARACTERI (CLASSIFICATION:	STICS		PART B -	TACTICAL CATION:	CHARACTE	RISTICS
	SCR-210.			MP-14 OR 37.	RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-190			EPL TRNG CEN B		
	7.1	ER BC-	SET SCR	P (Cu	ART C - PRINCIP ASSIFICATION: R	AL COMPO	ONENTS			
	1 10	CE IV	NO NO	ITEM		HEIGHT	DIMENSIONS	S DEPTH	WEIGHT	CLASSIFICATION
	S. S		RADIO SET SCR-210 USES RECEIVER IN WHICH THE SET IS USED. RADIO	RADIO RECYR. BC-312 ORIGINAL MODEL UBES RECYR. BC-189 (KNOWN AS SCR-210)	ar ar	, Elon I	MIDIA	DEFIN		UNCLASSIFIED
			-	COMBINED WEIGHT OF COMPONENTS:					71#	
				COMBINED VOLUME:					2 ou.ft.	
				SHIP TONNAGE:		State of the last		The same		

SCR-211 NOMENCE DESIGNATION			E: SEE INDIN			STATUS:	STANDARD 3 Jun 36	SCR-211 - TM 11-300, 11-300
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		(CLASSI	TACTICAL FICATION:)	CHANGE IN STATUS:	VILLENGE OF THE PARTY OF THE PA	J, L, T, Q, AA, AC
FREQUENCY RANGE: (Mo) .125 - 20. NUMBER OF CRYSTALS: 2 ORYSTAL DC-9-F.	USE:	FOR CALIB		ADJUSTING	AIRCRAFT AND	W. E. E. C.		e in
PRESET FREQUENCIES: NONE								
ANTENNA: 2 to 3 FOOT No. 12 B&S HARD DRAWN BUS.								
TUNING: (MO OR XTAL) XTAL								
SENSITIVITY: SELECTIVITY:	RANGE	: (MILES)						
POWER SOURCE: BA-23-(4); BA-2-(6) SIMILAR SETS:	то со	MMUNICATE I	WITH:					
POWER OUTPUT: (WATTS)	TO RE	PLACE IN P	ART:				- (0)	
TUBES: (TYPE AND NUMBER) SCR-211-C - (1 BC-221-C) 1 TYPE 76 1 TYPE 77 1 TYPE 6A7	TRANS	PORTATION:	PORTABLE					
1 TYPE 77 1 TYPE 6A7	TYPE	OF SIGNAL:				Freq		
	1					Frequency		30
							The state of the s	
PART C - PRINCI (CLASSIFICATION:	PAL COMP	ONENTS				RADIO SE		
ITEM		DIMENSION		WEIGHT	CLASSIFICATION	SET SOR-2 B0-221-B		
	HEIGHT	WIDTH	DEPTH		OLAGON TOATION	- P-21		
FREQUENCY METER BC-221	13.13	10.13	9.44	17,16		0 0		
CRYSTAL UNIT DC-9	I HE TO			STEATE .	entrail or Jan	dy f		
CALIBRATION BOOK MC-177						for Us		
						0		-ANT
					12.00			
			-				TYPE SEA	
	The state of	13.0	ET III				The state of the s	
			1					
	113		1386	2				
				134 137				
OMBINED WEIGHT OF COMPONENTS:	1			38 (00)	MPLETE WITH BATRY			
CHIDINED WEIGHT OF COMPONENTS.			-	-				
COMBINED VOLUME:								

PAGE 42

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

INSTRUCTIONAL LITERATURE:	STATUS:	And stations	turne.	NOTE: SEE INDIVIDUAL SECTIONS NOMENCLAT FOR SECTION CLASSIFICATION. DESIGNATION			SC	R- 2	237
	CHANGE IN STATUS:		NO. 2 (Receiver Location)	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mo) TRANS.: .2 - 1.5; 2 - 18 REOVER: 1.5 - 18. NUMBER OF CRYSTALS: PRESET FREQUENCIES: 10 ANTENNA: INVERTED L. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 110V AC 60 CYCLES AUX. POWER EQP GASOLINE ENGINE GEN. 110V 60 CYCLES AC, PE-75 SIMILAR SETS: POWER OUTPUT: (WATTS) APPROX. 90 TUBES: (TYPE AND NUMBER)	RANGE: T. TO COMM. SC. SC. SC. TO REPL TRANSPI	MILES) 7 MUNICATE WI RR-193; SCR R-261; SCR CR-506; SCR	TH: SCR-18	CW GROUND- B3; SCR-18; SCR-283; SCR-283; SCR-283	RESTICS) RPS SQUADRONS.
			SET SCR-237-T3 at LOGATION		NGIPAL COMPO	DIMENTS DIMENSIONS WIDTH	N. E.	WEIGHT	CLASSIFICATIO
			PRINCIPAL COMPONENTS OF FADIO SI Front View	3 RECEIVERS BC-342	(MINIMU	n kares s	T WITH BE	2110 3	RESTRICTED UNCLASSIFIE FING PRACTICE
	r man			COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:			Water or	10. TABLE	
			TO SECURE STATE	SHIP TONNAGE:				3	ANNOT ASA

SCR-242 NOMENCL DESIGNAT			SEE INDIV	Committee of the Commit		STATUS:	LIMITED STANDARD 10 Nov 42	TO 08-10-11, 21, 27
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			TACTICAL FICATION:	CHARACTE	RISTICS	CHANGE IN STATUS:	V Victoria	
FREQUENCY RANGE: (Mo) .15 - 1.5, 1.75 BITH MODIFICATION KITS.	USE:				ADIO FREQUENCY			
NUMBER OF CRYSTALS: NOME		INDICATIO	N OF THE DI	RECTION OF	ARRIVAL OF			
		PLANE OF	THE LOOP AN	D SIMULTAN				
PRESET FREQUENCIES:					& HOMING AID			A STATE OF THE STA
ANTENNA: VERTICAL MAST 5' OR T,6' & LOOP ANTENNA MOUNTED ON AIRPLANE WITH REMOTE CONTROL OF ROTATION.		IN AIRCRAI						
TUNING: (MO OR XTAL) MO	RANGE:	(MILES)						
SENSITIVITY: SELECTIVITY:		State Since	Thomas N					
POWER SOURCE: 14 VOLT D.C. AND DYNAMOTOR DM-18	TO COM	MUNICATE	WITH:	thes the				
SIMILAR SETS: SCR-186	TO REF	LACE IN P	ART: SCR-	186				
POWER OUTPUT: (WATTS) RECEIVES ONLY.								
TUBES: (TYPE AND NUMBER) 1 VT-66 6 VT-86 1 VT-87 1 VT-93 1 VT-94 2 VT-96			AIRCRAFT RECEIVES (7	F
PART C - PRINCI (CLASSIFICATION:							0	
ITEM		DIMENSION		WEIGHT	CLASSIFICATION		•	
	HEIGHT	WIDTH	DEPTH					
BC-310-A RADIO COMPASS UNIT	7 1/8	18 1/2	11 5/8	42.1				
BC-311-A RADIO CONTROL BOX	7	7	3 3/4	5.2			0	
LP-13-A LOOP	23 3/4	20 3/4	2 1/4	3.5				
CS-8-A LOOP MOUNTING CAP	22 1/2	7 1/2	7 1/2	9.2				is - other
M-109-A LOOP MOUNTING CAP	2 1/4	2 1/4	3	1.3			0	
MC-12L Tunine Shaft	3/4	3 1/4	,	1.8	*			THE RESERVE OF THE PARTY OF THE
MC-127 TUNING UNIT	1 1/2	1 1/2	1 1/4	0.1				
TM-180-A JUNCTION BOX (FOR PLANES WHICH DO NOT	5 3/8	6 3/4	2 13/16	1.7			T + 7	3-1
CONTAIN BUILT IN PANEL OR JUNCTION BOX).))/~	0 3/4	2 13/10					
COMBINED WEIGHT OF COMPONENTS:				63.4 WIT	H TM-180-A		GENERAL WIEW OF SET IN O	DEPARTURE DOCUMENT
COMBINED VOLUME:				#287:23	1TH TM-180-A		GENERAL VIEW OF SET IN OF	PERATING POSITION
SHIP TONNAGE:				0.025 APP	Rox.	SCR-242 IS	AN AIRCRAFT RADIC COMPASS, I	MANUALLY TUNED FROM LOCAL OF

		THIS SH	EET IS CLASSIFIED: UT	CLASSIFIED	THE REAL PROPERTY OF			(6	HOUND STUNAL	EQUIPMENT	INTERCEPT RECEIVE
INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 2 Mar 36	NOTE: SEE INDIV			IOMENCLATURE ESIGNATION:	OL ONE		SCI	R-3	244
	CHANGE IN STATUS:	60,345,60 60,7418	PART A-T (CLASSIFI		HARACTERISTIC			CLASSIFICA	ACTICAL C	HARACTER	
		SCR-214 (MANUFACTURER'S MODEL) COMPONENTS. ERACK AND CABINET MOUNTING. COMMERCIAL HAMMARIUND	FREQUENCY RANGI NUMBER OF GRYS' PRESET FREQUENCY ANTENNA: TUNING: (MO OR SENSITIVITY: POWER SOURCE: SIMILAR SETS: POWER OUTPUT: TUBES: (TYPE AI 1 VT-65 3 VT-86 3 VT-86	TALS: NONE DIES: NONE XTAL) NOT SELI 105/125 VOI	APPLICABLE ECTIVITY: LTS, A-C T APPLICABLE 7 1 VT-9	16	TO COMM TO REPI	AND MONITO	RT:	328.	OATION
	E'E	TURE IT MG				T C- PRINCIPA	L COMPON	ENTS)			
	****	UF AC	POT EVENTALED	ITEN	THE REAL PROPERTY.		_	DIMENSION	DEPTH	WEIGHT	CLASSIFICATIO
		CMAN	em mens told 1				HEIGHT	WIDTH	DEPIR		
		ACK AN	RECEIVER				12.25"	23"	16.5"	70#	
		SCF N R VER.	POWER UNIT				8.25"	13"	8.5"	39#	tel various
		RADIO SET SCR-ZIJL (MANUFACTURER'S MOD SCR-ZIJL COMES IN RACK AND CABINET MOUNTING.	con traesación			S 3 S					age all trops on
			COMBINED WEIG	HT OF CO	ADONENTS:				a majorana na	115#	
			DOMIDINED WEIL	or our	III OIVEIVIO.					/"	1
			COMBINED VOL	JME OF COM	MPONENTS:					1 1 3 1 1 2 3	The Desired House, and the Control of the Control o

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

SCR-245 NOMENCL. DESIGNAT			E: SEE INDI			STATUS:		STANDARD 10 Jun 37	INSTRUCTIONAL LITERATURE: TM 11-272
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			- TACTICAL	CHARACTI	ERISTICS	CHANGE IN STATUS:			
FREQUENCY RANGE: (Mo) TRANS.2.0 - 4.5. MAY BE EXTENDED TO 5.2 MO. BY USING TU-25-A. REOVR. 1.5 - 18.0.	USE: U	JSED BY AF	, Sie C, In	IF, CAV, FA					
NUMBER OF CRYSTALS: 4 IN TRANS.									~ 1
PRESET FREQUENCIES: 4						8	<		
ANTENNA: 15 Ft., FIVE SECTION FISHPOLE ON FLEXIBLE MAST BASE MP-14 OR 37.						N AF BYPES OF			44611
TUNING: (MO OR XTAL) BOTH.	Page 1					SCR.	D		
SENSITIVITY: SELECTIVITY:	RANGE:	(MILES) C	W-45; TONE	-35; Voice	20.	VEHICLES NEW ARE M	, _	A	124
POWER SOURCE: TRANS.: DYNAMOTOR UNIT 12 V. STORAGE BATTERY. REOVA: INTEGRAL DYNAMOTOR 12 V. SIMILAR SETS: POWER OUTPUT: (WATTS) 10 100% Modulation. TUBES: (Type and Number) 1 BC-223-A TRANS.: 2 Type 801-A & 3 Type 46. 1 BC-312 REOVA.: 2-605: 1-6 F 6;2-6 K-7-(NOTE:6K7GT AUTHORIZED RECENTLY) 2-; 1-6 L 7; 1-6 R 7.	TO REPL	CR-187; SC CR-238; SC LACE IN PAI	CR-193; SCR CR-245; SCR RT: SCR-18	-203; SCR- -259; SCR- 39, 193, 1	71; SCR-177; -209; SCR-210; -287; SCR-288. 99, AND 209.	6, 508 AND 528. SEVERAL MEES. ISSUE LETTER DENOTES MAINLY IN CORD LENGTHS.	O SET SCR-245 INS	Y	
PART C - PRINCIP		7	CW, TONE,	701028		MODIFICA S VEHICL	TED IN	TV	/ In tall
		DIMENSION	S			ER EN	1/2		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	OME N	NOT		
. RADIO TRANS. BC-223	14 1/2"	20 1/8"	8 3/4"	26.5#	UNCLASSIFIED	ICLAT	4X4		- 4-9/1
RADIO RECVR. BC-312	10 5/8"	18 "	8 5/8"	42 #	UNCLASSIFIED	URE URE			かりう 御屋
VEHICULAR ANTENNA	-	-	-	-	UNCLASSIFIED	DENC	COMMAND		
DYNAMOTOR UNIT PE-55	12 #	13 3/8"	7 5/8"	33 #	UNCLASSIFIED	FOR INSTALLATION IN VARIOUS THE SET FOR L-GITT TANK M 3 ; TTES 24 V. EQUIPMENT.	VEHICLE		
COMBINED WEIGHT OF COMPONENTS:				285#	-				
COMBINED VOLUME:			The state of	5 Cu.FT.	-				
SHIP TONNAGE:		-			Principle (Principle)				

TO 08-10-39	STATUS:	LIMITED STANDARD 10 Nov 42	NOTE: SEE INDIVIDUAL SECTIONS NOMENCLA FOR SECTION CLASSIFICATION. DESIGNATION			SC	R-2	46
	CHANGE IN STATUS:	W COMPA	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - 1		CHARACTER	
	11 - 61 4001	PRINCIPAL COMPONENTS ES VOLTAGE TO MARKER BEACON RECEIVER.	FREQUENCY RANGE: (Mo) 195 - 420 Ko. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 8 ⁿ Loop & MONDIRECTIONAL (USUALLY VERTICAL) NO LOCAL, ONE REMOTE CONTROL POSITION. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT STORAGE BATTERY AND DM-2 SIMILAR SETS: SCR-276 EXCEPT FOR INPUT VOLTAGE POWER INPUT: (WATTS) 70 WATTS CONSUMPTION. TUBES: (TYPE AND NUMBER) SCR-216-A USES 1-BC-3 TUBES: 2 - 6K7 1 - 6L7 2 - 6J7 2 - 6B8 2 - 686	RANGE: TO COM TO REP TRANSP	RIGHT-LEFT THE RADIO AIRCRAFT H RADIO RAME PROVIDING SIGNALS. (MILES)	IOE. PROV INDIGATIO SIGNAL SOU EADING. M E OR RADIO AURAL RECE ITH: RECE OM. RT: Aircraft	IDES VISUA N SHOWING ROE WITH R AY ALSO SE BROADCAST PTION OF M	L, UNIDIRECTION OF DIRECTION OF ESPECT TO THE USED AS A RECEIVER ODULATED
		S VOI	PART C - PRI (CLASSIFICATION	NCIPAL COMPO	NENTS			
		. 5	ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATIO
314		arm 1-79 COMPASS SCR-246	RADIO COMPASS UNIT BC-373 RADIO CONTROL BOX BC-374 LOOP LP-17				100	RESTRICTED
	111	Institute RADIO CO	INDICATOR	42				RESTRICTED
		NORMALLY	NOTE: DUE TO VARIATIONS IN AIRORAFT INSTALLATION SETS YARY CONSIDERABLE AND THE FIGURES SHOWN AR	NS SOTH WEIGH E THEREFORE A	S AND VOL	MES OF COL	PLETE	
		A STATE OF THE PARTY OF THE PAR						
			COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:	800	8**	15 5/8"	38.5 LBS.	in the two tracts

THIS SHEET IS CLASSIFIED RESTRICTED

SCR-255 NOMENC DESIGNA			SEE INDI			STATUS:	LIMITED STANDARD 11 Jun 42	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B -	TACTICAL FICATION:	CHARACT	ERISTICS ED	CHANGE IN STATUS:	Let about the	
FREQUENCY RANGE: (Mo) .54 - 30 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: ADOOOK TUNING: (MO OR XTAL) SENSITIVITY: 20 - 100 MICROVOLTS/METER SELECTIVITY: POWER SOURCE: 6V STORAGE BATTERY. SIMILAR SETS: NONE POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 VT-66 3 VT-86 3 VT-91 1 VT-99 1 VT-126 1 VT-163	RANGE TO C O TO R E TRANS	FOR USE IN TRANSMITTE	ANITH:		E ENEMY			
PART C- PRINCIF (CLASSIFICATION:	AL COMPONE							
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION			
REMOTE CONTROL UNIT ADDOCK ANTENNA RADIO REOVR. BC-903 TARGET TRANS. BC-904 TOWER TR-19 INCLUDING SERIES OF CHESTS, BATTERIES, VIBRATOR I	99# 8 1/4°	23" 24;	20 ¹¹	50# 172# 51# 21 1/2# 705# 2974#	Service Constitution of the Constitution of th			
COMBINED WEIGHT OF COMPONENTS:					S S S S S S S S S S S S S S S S S S S		RADIO SET SCR- BEAM MOUNTED FOR OF	-255 EPAIT ION
COMBINED VOLUME OF COMPONENTS:					De Halfeston	R	ECE IVER AND ANTENNA AT TOP OF 12-FOO	T TOWER AND IS OPERATED BY
SHIP TONNAGE:					giant the	R	EMOTE CONTROL UNIT AT GROUND LEVEL.	

PAGE 48

THIS SHEET IS CLASSIFIED: RESTRICTED

4.0 EA

7.06

1.6

1.37

56.59

5327 ом IN. 0.0445 Т

		THIS	SHEET IS CLASSIFIED: UNCLASSIFIED			(AIRCRAFT F	RADIO: RAD	IO NAVIGATION.)
INSTRUCTIONAL LITERATURE: TO 08-10-64	STATUS:	LIMITED STANDARD 10 Nov 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:		sc	R-2	63
	CHANGE IN STATUS:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PART A - TECHNICAL CHARACTES (CLASSIFICATION:	RISTICS	PART B	TACTICAL (CHARACTE	RISTICS
			FREQUENCY RANGE: (Ke) 200 to 1, NUMBER OF CRYSTALS: Nome PRESET FREQUENCIES:	750 (IN 3 BANDS)	OF RADIO	FREQUENCY E OF THE LO	THE DIRECT ENERGY WIT OP AND SIM	OMAL, RIGHT- TON OF ARRIVAL H RESPECT TO HULTANEOUS F MODULATED
			ANTENNA: 8" LOOP & NONDIRECTIONAL ONE OR TWO REMOTE CONTROL POL TUNING: (MO OR XTAL) MO		RADIO FR OF MODUL DIRECTIV MODULATE	EQUENCY ENE ATED RADIO E ANTENNA, D RADIO FRE	REY. AURA FREQUENCY AURAL RECE QUENCY US!	L RECEPTION USING A NON- PTION OF NG LOOP ANTENNA
			SENSITIVITY: SELECTIVIT	TERMINAL COMPANY	ARRIVAL LOOP ANT	ENNA.		ECTION OF
	7/64		POWER SOURCE: 24 TO 28 VOLTS DC (AMPERES) STORAGE BATTERY IN A SIMILAR SETS: SCR-242-B, SCR-280,	AIRCRAFT.	TO COMMUNICATE			
		1	POWER OUTPUT: (WATTS) RECEIVES ON TUBES: (Type and Number) SCR-263-4 1 - 6F6 1		TO REPLACE IN	PART:		
			1 - 6F6 6 - 6K7 1 - 6L7 1 - 688 1 - 6J5 1 - 6N7	Juliania da printi	TRANSPORTATION			ION.
y				PART C - PRINCIPAL CLASSIFICATION: RESTR				
16		1	ITEM	HE	DIMENSIO	NS DEPTH	WEIGHT	CLASSIFICATION
			BC-1413-A RADIO COMPASS UNIT	7	7/8 12	19 13/16	42.0	

2 BC-HHI-A RADIO CONTROL BOX

COMBINED WEIGHT OF COMPONENTS:

1-65-D COMPASS INDICATOR

7 1/2

25 5/8

3 1/4

5 1/8

Note: Due to variations in aircraft installations, both weights and volumes of complete sets vary considerably and the figures shown are therefore approximate.

7 1/2

13 1/2

3 1/4

5 1/8

3 15/16

4 9/32

2 11/16

RADIO COMPASS SCR-263-A. GENERAL VIEW OF SET

SHIP TONNAGE:
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

COMBINED VOLUME:

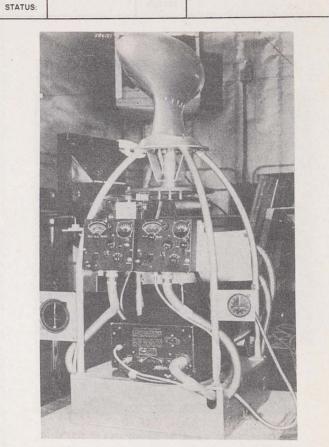
LP-19-A LOOP

1-75 INDICATOR

SCR-269	NOMENCLATURE DESIGNATION	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION
PART A - TECHNICAL CHARACTERISTI (CLASSIFICATION:	cs	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:
FREQUENCY RANGE: (Ke) 200 to 1,750 Kc. COVERED IN 3 BANDS: 200 - 410; 41 850 - 1,750.	io - 850;	E: NAVIBATIONAL INSTRUMENT, PROVIDES AUTOMATIC BEARING INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY EMERGY AND SIMULTANEOUS AURAL RECEPTION OF MODULATED
NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES:		RADIO FREQUENCY, DIRECTIONAL ANTENNA, AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA. SCR-269-C HAS PROVISION FOR
ANTENNA: 8" LOOP & FIXED VERTICAL MAST OR TWO REMOTE CONTROL POSITIONS AND ROTATION.	WITH ONE OAUTOMATIC	RECEPTION OF UNMODULATED R.F. IN ALL THE ABOVE CASES.
TUNING: (MO OR XTAL) MO	RAN	NGE: (MILES)
SENSITIVITY: SELECTIVITY:		
POWER SOURCE: 24 VOLT BATTERY, 12 VOLT	BATTERY. TO	COMMUNICATE WITH:
SIMILAR SETS: SCR-263 EXCEPT AUTOMATIC	FEATURES.	
POWER OUTPUT: (WATTS) RECEIVES ONLY.	ТО	REPLACE IN PART: SCR-242, 263, 280
TUBES: (TYPE AND NUMBER) SCR-269-A USES 2 VT-66 1 VT-94 1 VT-74 1 VT-96 4 VT-86 1 VT-105	TRA	ANSPORTATION: AIRCRAFT INSTALLATION
1 VI-87 2 VI-109 2 VI-95	TYF	PE OF SIGNAL: CW, MCW, VOLCE.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

THE RESERVE TO STATE OF THE PARTY OF THE PAR		DIMENSIONS	3	WEIGHT	01 400151045101
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATIO
RADIO COMPASS UNIT BC-433-A	7 7/8	12	19 13/16	46.87188	dan dan til dan e
2 RADIO CONTROL BOX BC-434-A	7 1/2	7 1/2	3 15/16	3.76	and the State of
LOOP LP-21-A	25 3/8	14 31/32	9	10.37	
INDICATOR I-81-A	3 1/4	3 1/4	3 11/16	•75	and the state of
INDICATOR I-82-A	5 1/8	5 1/8	4 3/32	1.19	
RELAY BK-22-A OR E	11 3/4	7	3	6.40	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALL SETS VARY CONSIDERABLY THE FIGURES SHOWN ARE			DLUMES OF	COMPLETE	The Little
COMBINED WEIGHT OF COMPONENTS:			1275	73.10 LBS	La
COMBINED VOLUME:		1		5121 ou.	4.
SHIP TONNAGE:				0.02961	THE OF MEE



STANDARD 25 JAN 40

STATUS:

CHANGE IN

INSTRUCTIONAL LITERATURE:

TO 08-10-110, 175

RADIO COMPASS SCR-269

INSTRUCTIONAL LITERATURE:	STATUS:	LIMITED STANDARD 10 Nov 42		ENCLATURE IGNATION:		SCF	7-2	73
то 08-10-43.	CHANGE IN	THE SERVICE	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:			ACTICAL CI		
	TATUS:		FREQUENCY RANGE: (Ko) 150 to 1,500 cove 3 bands. NUMBER OF CRYSTALS: None PRESET FREQUENCIES: ANTENNA: 8" Loop and Fixed nondirectiona Rotatable Loop with two remote cont positions. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 to 14 volts DC SIMILAR SETS: SCR-263 except SCR-273 use 14 volt supply. POWER OUTPUT: (Watts) Receives only. TUBES: (Type and Number) SCR-273-A uses 1 1 - 666 1 - 667 1 - 687 1 - 687 1 - 687 1 - 688	RANGE RANGE TO CO TO RE TRANS	PROVIDES: LEFT INDIC FREQUENCY AND SIMULA OF MODULA RECEPTION DIRECTION MODULATED HULL DIREC OF MODULA : (MILES) MMUNICATE IN PLACE IN P.	VISUAL, U CATION OF T EMERGY WIT TANEOUS TON TED RADIO F OF MOD. R. AL ANTENNA, R.F. USING TIONAL IND TED R.F. WI OP ANTENNA.	HE ARRIVAL H RESPEOT COURSE" A REQUENCY E LOOP ANTE	TO THE LOOP LURAL RECEPTIO! NERRY, AURAL NON- EPPTION OF NNA, AURAL- T TO THE PLANE
		-						
		III When		C - PRINCIPAL COMP				
		TI The	(CLASSIF	C - PRINCIPAL COMP)	S		
L						S DEPTH	WEIGHT	CLASSIFICATIO
b			(CLASSIF	FICATION: RESTRICTED) DIMENSIONS			CLASSIFICATIO
			(CLASSIF	HEIGHT	DIMENSIONS WIDTH	DEPTH	WEIGHT	CLASSIFICATIO
			(CLASSIF	HEIGHT	DIMENSIONS WIDTH	DEPTH 19 13/16	WEIGHT 42.00	CLASSIFICATIO
			(CLASSIF ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A	RESTRICTED	DIMENSIONS WIDTH 12 7 1/2	DEPTH 19 13/16 3 15/16	WEIGHT 42.00 4 EA.	CLASSIFICATION
			(CLASSIF ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A LOOP LP-19-A	HEIGHT 7 7/8 7 1/2 25 3/8) DIMENSIONS WIDTH 12 7 1/2 13 1/2	19 13/16 3 15/16 9	WEIGHT 42.00 4 EA. 7.06	CLASSIFICATION
			(CLASSIF ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A LOOP LP-19-A 2 COMPASS INDICATOR 1-65-C	7 7/8 7 1/2 25 3/8 3 1/4) DIMENSION: WIDTH 12 7 1/2 13 1/2 3 1/4	19 13/16 3 15/16 9 3 29/32	42.00 4 EA. 7.06	CLASSIFICATION
			(CLASSIF ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A LOOP LP-19-A 2 COMPASS INDICATOR 1-65-C INDICATOR 1-75A	7 7/8 7 1/2 25 3/8 3 1/4 5 1/8) DIMENSION: WIDTH 12 7 1/2 13 1/2 3 1/4 5 1/8	DEPTH 19 13/16 3 15/16 9 3 29/32 2 11/16	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CLASSIFICATIO
	CCMPASS SCR		(CLASSIF ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A LOOP LP-19-A 2 COMPASS INDICATOR 1-65-C INDICATOR 1-75A	### HEIGHT 7 7/8 7 1/2 25 3/8 3 1/4 5 1/8 11	DIMENSION: WIDTH 12 7 1/2 13 1/2 3 1/4 5 1/8 7	DEPTH 19 13/16 3 15/16 9 3 29/32 2 11/16 3	WEIGHT 42.00 4 EA. 7.06 1.75 1.85 5.94	TO THE
	CCMPASS SCR -		(CLASSIE ITEM RADIO COMPASS UNIT BC-413-A 2 RADIO CONTROL BOX BC-414-A LOOP LP-19-A 2 COMPASS INDICATOR 1-65-C INDICATOR 1-75A RELAY BK-21-A	### HEIGHT 7 7/8 7 1/2 25 3/8 3 1/4 5 1/8 11	DIMENSION: WIDTH 12 7 1/2 13 1/2 3 1/4 5 1/8 7	DEPTH 19 13/16 3 15/16 9 3 29/32 2 11/16 3	WEIGHT 42.00 4 EA. 7.06 1.75 1.85 5.94	TS

0.003 T

THIS SHEET IS CLASSIFIED. RESTRICTED

SCR-274-N NOMENGLA DESIGNATION		IDIVIDUAL SECTIONS N CLASSIFICATION.	STATUS:	STANDARD 20 SEP 40	INSTRUCTIONAL LITERATURE: (HMI) TO 08-10-50
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) TRANS: 4.0-5.3; 5.3-7.0; 7.0-9.1. REOVE: .1955; 3.0-6.0; 6.0-9.1. NUMBER OF CRYSTALS: 1 CALIBRATING CRYSTAL PER	(CLASSIFICATION: USE: FOR INTERCOMMUNICA	neothic ten	CHANGE IN STATUS:	Sheet Sheet	
TRANS. FOR 3.0-9.1 Mc. PRESET FREQUENCIES: 1 ON EACH TRANS. ANTENNA: LONG FORE & AFT "INVERTED L" OR "T" TUNING: (MO OR XTAL) MO ON H.F. SENSITIVITY: SELECTIVITY: POWER SOURCE; 22 TO 30 V. POWER SOURCE -DC POWER FROM AIRPLANE. SIMILAR SETS: SUPERMEDES SCR-261,283,183. POWER OUTPUT: (WATTS) 40 CW; 20 VOICE; TUBES: (TYPE AND NUMBER) 1 BC-456-A MODULATOR UNIT: 1 VT-135; 1 VT-136; 1 VT-139, 3 SETS FOR ROVER: 3 VT-131; 1 VT-132; 1 VT-137; 1 VT-134. 2 SETS FOR TRANS.: 2 VT-136; 1 VT-137;	RANGE: (MILES) 150 CW; 7' TO COMMUNICATE WITH: PL TO REPLACE IN PART: SCR- TRANSPORTATION: AIRBORNI TYPE OF SIGNAL: VOICE, (ANE & CONTROL TOWER. 183, 283. E INSTALLATION.	VARIOUS COMBINATIONS OF INSTALLATIONS CONSEQUENT VARIATIONS IN WEIGHT AND V CEIVER, OR AS THE AVERAGE INSTALLATION SET SCR-274-N IS BEING REPLACED IN FI	RADIO SET SCR-274-N IN AIRPLANE FORWARD OF	
PART C- PRINCIPA (CLASSIFICATION: F	DIMENSIONS	WEIGHT CLASSIFIC	TION HOLE	E S C	-/ <u>E</u> g
REOVR. BC-453-A; BC-454-A; BC-455-A; BC-946-A EA-(3 REOVR) CONTROL BOX BC-450-A (1 REOVR) CONTROL BOX BC-473-A (2 REOVR) CONTROL BOX BC-496-A TRANS. BC-457-A; BC-458-A; BC-459-A; BC-696-A. EA. CONTROL BOX BC-451-A MODULATOR-UNIT BC-456-A ANTENNA RELAY UNIT BC-442-A	COMPLETE. BOTH WEIGHTS AND VOLUMES	32" 9.0# RESTRICT 32" 1.0# RESTRICT 1.0# RESTRICT 1.0# RESTRICT 1.0 # RESTRICT 1.	ADIO SET SCR-2 RECEIVERS AND AIRCRAFT BY	TTION ITION	
COMBINED WEIGHT OF COMPONENTS:			522		
COMBINED VOLUME OF COMPONENTS: SHIP TONNAGE:		41/3 CU.FT. A AVERAG	E		

THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE:								0	30	
то 08-10-45	STATUS:	LIMITED STANDARD 10 Nov 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION GLASSIFICATION.	NOMENCLATURE DESIGNATION:			SCR	-2	76	
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS	F	CLASSIFICA	ACTICAL CH	IARACTER	ISTICS	
			FREQUENCY RANGE: (Ke) 195 to 420 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND NONDIRECTION TUNING: (MO OR XTAL) MO		USE:	UNIDIRECTI THE DIRECTI WITH RESPE ALSO BE US BROADCAST OF MODULAT	ONAL RIGHT ION OF THE OT TO THE SED AS A RA RECEIVER P	-LEFT IND RADIO SI AIRCRAFT I DIO RANGE ROVIDING IGNALS.	VIDES VISUAL, ICATION SHOWING SMAL SOURCE MAY OR WEATHER AURAL RECEPTION ALSO SUPPLIES IVER.	
		SENSITIVITY: SELECTIVI	TY:	RANGE	(MILES)					
		POWER SOURCE: 24 TO 28 VOLTS DC A SIMILAR SETS: SCR-246-A EXCEPT SC		TO CO	MUNICATE .	VITH:				
		VOLT SUPPLY. POWER OUTPUT: (WATTS)				TO REPLACE IN PART:				
			TUBES: (Type AND Number) SCR-276-A 2 - 6C5 4 - 6K7 1 - 6L7 2 - 6J7 2 - 6B8 2 - 6V6	uses 1 BC-383-A:		PORTATION: DF SIGNAL:	Asmoraft CW, MCW	IMSTALLAT	10M.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)							
						DIMENSIONS			CLASSIFICATION	
	Commission		ITEM		HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	
			COMPASS INDICATOR 1-73-A		3 1/4	3 1/4	3 17/32	1.50	ment and	
a N			FLEXIBLE CONDUIT ASSEMBLY & JUNCTI	ON BOX				9.62	er en comment	
			LOOP LP-17-A	10.7	25 9/16	11 3/32	9	6,22	Ares Physically	
	No.	3	RADIO COMPASS UNIT BC-383-A	***	8		15 5/8	26.1	Service of	
18 0 0		39	RADIO CONTROL BOX BC-1/110-A		5 3/4	5 1/8	3 23/32	2. [8	Company Company	
\ a = 3	Name of the last		Note: Due to variations in aircra	FT INSTALLATIONS;	BOTH WEI	HTS AND VO	LUMES OF C	OMPLETE		

SHIP TONNAGE: THIS SHEET IS CLASSIFIED: UNCLASSIFIED

RADIO COMPASS SCR-276 SHOWING MAJOR COMPONENTS REMOTE STARTING AND STOPPING CONTROL

COMBINED VOLUME:

COMBINED WEIGHT OF COMPONENTS:

46.22

.0212 T

15 5/8" 3686.2

8"

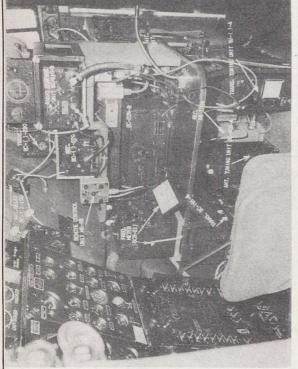
THIS SHEET IS CLASSIFIED RESTRICTED

SCR-277 NO			IDUAL SEC		STATUS:	STANDARD 9 Jun 41	(HMI) 08-10-10	
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)						(on SCR-277-A, B, C)
FREQUENCY RANGE: (Mc) 0.2 - 0.4 NUMBER OF CRYSTALS: Nome PRESET FREQUENCIES: Nome	USE	# HIGH PO FOR RAD A-N KEY	O GUIDANO	RADIO RAN E OF AIRCR			PORTABLE	RADIO RANGE, RADIO SET SCR-277 H ANTENNA SYSTEM ERECTED
ANTENNA: CROSSED LOOPS 70 FEET HIGH	- Leaves							
TUNING: (MO OR XTAL) MO								
SENSITIVITY: SELECTIVITY: POWER SOURCE: POWER UNIT PE-90 OR 110V 50 - 6		GE: AT LE	AST 300 MI	LES.		DELPHAN CO.		Construction of the Constr
SIMILAR SETS: NONE	то	COMMUNICATE	WITH: AN	Y 0.2 - 0.	Mc. RECEIVER.			
POWER OUTPUT: (WATTS) 800 TO REPLACE IN PART: None						1900-		
TUBES: (TYPE AND NUMBER) 2 VT-100 (807) 1 VT-154 (814) 1 F-128-A 1 VT-145 (523) 2 VT-46-A 866/866-A 2 VT-42-A F-872-A		NSPORTATION			AILER.	7		
PART C-PF (CLASSIFICA)	RINCIPAL COMPON	ENTS					RADIO SET SO	R-277, INSTALLED IN TRAILER K-29
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	GLASSIFICATION			
ANTENNA TUNING UNIT BC-469	33"	21rn	16"	141#	RESTRICTED			
GONIOMETER UNIT BC-468	1114	22"	29"	234罪	RESTRICTED			
MAST MA -L-A	761	7" DIA.		250#	RESTRICTED			
POWER UNIT PE-90	51 ^m	36 ¹¹	35"	1075#	RESTRICTED	Bank .		
RADIO TRANSMITTER BC-467	49"	54"	22 ⁿ	555#	Oracle State S			
TRAILER K-29	200 th	76"	106"	3359帶	MIN AS B			
RADIO RECEIVER BC-342	18"	9 ⁿ	10"	61#				
The second secon		1000000	1	The same	The state of the s	1		
				1 1 2 1 1				
COMBINED WEIGHT OF COMPONENTS:				7000#				
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:		30		7000# 875 cu.f1				

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THIS SHEET IS CLASSIFIED: RESTRICTEL

INSTRUCTIONAL LITERATURE: TM 11-200	STATUS:	LIMITED STANDARD 13 Nov 43
	CHANGE IN STATUS:	16 300 pt 1



RADIO SET SCR-285 SHOWING RADIO OPERATOR'S POSITION LIBRATING CRYSTAL DC-10 MAY BE USED WITH TRANBMITTER ALCO, TACIO SET SCRE-285 IS BEING REFLACED BY RADIO T SCR-271-N ARD/ON SCR-522-

NOTE: SEE INDIVIDUAL SECTIONS
FOR SECTION CLASSIFICATION.

PART A - TECHNICAL CHARACTERISTICS

NOMENCLATURE DESIGNATION: SCR-283

(CLASSIFICATION:)

FREQUENCY RANGE: (KO) REDEIVING- 201-398 KC, 4150-7700 KG. TRANSMITTING- 2500-7700 KG. NUMBER OF CRYSTALS: NOME

PRESET FREQUENCIES: NOME

ANTENNA: REOVER: 5 FT. VERTICAL MAST.
TRANS: "T" OR "L" TYPE 16 TO 18 FT. LONG.
TUNING: (MO OR XTAL) MO

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: 24 VOLT PLANE BATTERY
SIMILAR SETS: SCR-183 EXCEPT 24 V.
POWER OUTPUT: (WATTS) VOICE 3.3; MCW 3.2; CW 4.0.

TUBE: (Type AND NUMBER) SCR-AL-283 uses:

4 TYPE 39 1 TYPE 37 1 TYPE 38 2 TYPE 10 2 TYPE 45 SPL. PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: COMMAND SET - PLANE-TO-PLANE; PLANE-TO-

RANGE: (Miles) 30-45 MILES PLANE-TO-PLANE. 10-20 MILES PLANE-TO-GROUND.

TO COMMUNICATE WITH: OTHER EQUIPMENT WITHIN RANGE OVERING SAME FREQUENCIES.

TO REPLACE IN PART:

TRANSPORTATION: AIRBORNE

TYPE OF SIGNAL: TONE, VOICE

PART C - PRINCIPAL COMPONENTS

TOWN THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED		IMENSION	WEIGHT	01 400151045101	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RADIO RECVR. BC-429	7 5/8	8 1/4	15 11/16	12	
RADIO TRANS. BC-430	7 5/8	6 5/8	13 1/4	10.2	The Stee and Della
DYNAMOTOR BD-93				9.9	That wheel !
RADIO CONTROL BOX BC-231	4 5/8	4	2 7/16	.9	ale plant
RADIO CONTROL BOX BC-232	2 7/16	4	4 5/8	•9	
ANTENNA SW. RELAY BC-408	4 9/16	4 5/8	2 3/4	1.1	
2 RECVR COIL SETS (ONE IS A DUAL COIL)				THE L	
6 TRANS COIL SETS.					
				4	
OMBINED WEIGHT OF COMPONENTS:			an estimati	43.3#(INC	LUDING MINOR COMP
OMBINED VOLUME:				1.5 Cu.F1	
HIP TONNAGE:					ment in ratio

SCR-284

NOMENCLATURE DESIGNATION NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS: LIMITED STANDARD 28 JAN 44

CHANGE IN

STATUS:

INSTRUCTIONAL LITERATURE: TM 11-275-A

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (MO) 3.8 TO 5.8

NUMBER OF CRYSTALS: 1 IN OALIBRATOR.

PRESET FREQUENCIES: NONE

ANTENNA: 151 FIVE SECTION FISHPOLE TYPE FOR TRUCK USE. 251 EIGHT SECTION FISHPOLE WHEN STATIONARY OR FOR FISHED USE. L TYPE WIRE

TUNING: (MO: OR XTAL) MO WITH XTAL CALIBRATOR.

SENSITIVITY: SELECTIVITY:

POWER SOURCE: HAND GENERATOR GN-45-A OR POWER UNIT PE-103 (12 VOLT) RECVR. BY DRY BATTERIES OR POWER CONVERTER UNIT PE-104 (6 OR 12 V.)

SIMILAR SETS: SCR-288

POWER OUTPUT: (WATTS) HISH POWER: CW-20; VOICE-5 LOW POWER: CW-8; VOICE-2.

TUBES: (Type and Number) 1 BC-654-A Trans. & Reove. Reover: 4 3056T; 1 1-H 5 GT; 3 1-N 5 GT; 1 1-A 7 GT. Trans: 4 30 5 GT; 2 307-A.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)

USE: INFANTRY, FIELD ARTILLERY, SIGNAL CORPS.
ON GROUND OR IN YEMICLE. FOR COMMAND
PURPOSES FROM DIV. HQ. DOWN TO AND INCLUDING BATTALIONS. FOR COMMUNICATIONS WITH
TANK DESTROYER UNITS.

RANGE: (MILES) CW-30; VOICE-7.

TO COMMUNICATE WITH: SCR-131; SCR-161; SCR-183; SCR-274-N; SCR-284; SCR-288; SCR-536.

TO REPLACE IN PART: SCR-131; SCR-161; SCR-171; SCR-288.

TRANSPORTATION: Two or three men, or in vehicle.

TYPE OF SIGNAL: CW; VOICE.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)

ITEM		DIMENSIONS		WEIGHT	CI ACCIFICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RECVR. & TRANS. BC-654	14 ==	18 "	9 3/4"	1,1,#	UNCLASSIFIED
GENERATOR GN-45	9 "	6 1/4"	6 3/4"	22#	UNCLASSIFIED
POWER UNIT PE-103	12 3/4"	16 1/2"	5 1/2"	53#	UNCLASSIFIED
REMOTE CONTROL UNIT RM-29	6 1/4"	10 1/8"	8 1/2"	15#	UNCLASSIFIED
		-		-97	
					No. of the last
COMBINED WEIGHT OF COMPONENTS:			TAR CHARLE	250#	
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:			180.00.00	250#	COR COS

RADIO SET

THIS SHEET IS CLASSIFIED:

то 08-10-93	STATUS:	LIMITED STANDARD 10 Nov 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	Josefulo Manages		SCF	R-2	80			
CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)				PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)						
SIATOS		FREQUENCY RANGE: (Ko) 200 to 1,750 con 3 sanss. NUMBER OF CRYSTALS: Nome PRESET FREQUENCIES: ANTENNA: 8" Loop and Fixed nondirections (manually operated) TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 volts DC SIMILAR SETS: SCR-265 which operates from the second script of the				LEFT INDIGATION, AURAL RECEPTION OF MODULA RADIO FREQUENCY EMERGY USING LOOP ANTENNA, AURAL RECEPTION OF MODULATED RAF. USING NOMIRECTIONAL ANTENNA, AURAL NULL DI- RECTIONAL INDIGATIONS OF THE ARRIVAL OF MODULATED RADIO FREQUENCY EMERGY WITH RESP TO THE PLAME OF THE LOOP USING A LOOP ANTEN RANGE: (MILES) TO COMMUNICATE WITH:						
		1 - 6L7 1 - 688 1 - 688				S. S. TY						
			(C	PART C - PRINCIPAL LASSIFICATION: REST	TRICTED)						
	500 TO 100 TO 10		ITEM	LASSIFICATION: REST	TRICTED		S DEPTH	WEIGHT	CLASSIFICATION			
			(0	LASSIFICATION: REST	TRICTED) DIMENSIONS		42.0	CLASSIFICATION			
		P	ITEM	CLASSIFICATION: REST	TRICTED) DIMENSIONS WIDTH	DEPTH		CLASSIFICATION			
			ITEM RADIO COMPASS UNIT BC-431-A	H 7	TRICTED) DIMENSIONS WIDTH 12	DEPTH 19 13/16	42.0	CLASSIFICATION			
			RADIO COMPASS UNIT BC-431-A 2-RADIO CONTROL BOX BC-452-B	H 7 7 25	TRICTED TEIGHT 7/8 1/2) DIMENSIONS WIDTH 12 7 1/2	DEPTH 19 13/16 3 15/16	42.0 (4# EA.)	emmi i day elimi i myokii i			
			RADIO COMPASS UNIT BC-431-A 2-RADIO CONTROL BOX BC-432-B LOOP LP-19-A	H 7 7 25	7/8 1/2 3/8) DIMENSIONS WIDTH 12 7 1/2 13 1/2	DEPTH 19 13/16 3 15/16 9	42.0 (4# EA.) 7.06	emme i day elinje mjeky elinje mjeky			
RADIO	COMPASS SCR - 28		RADIO COMPASS UNIT BC-431-A 2-RADIO CONTROL BOX BC-432-B LOOP LP-19-A 2-COMPASS INDICATOR 1-65-D	H 7 7 25 3	7/8 1/2 3/8 1/4) DIMENSIONS WIDTH 12 7 1/2 13 1/2 3 1/4	DEPTH 19 13/16 3 15/16 9 4 9/32	42.0 8.0 (4# EA.) 7.06 3.2 (1.6# EA	emmi i day elimi i myokii i			
RADIO	COMPASS SCR - 28		RADIO COMPASS UNIT BC-431-A 2-RADIO CONTROL BOX BC-432-B LOOP LP-19-A 2-COMPASS INDICATOR 1-65-D INDICATOR 1-75	H 7 25 3 T INSTALLATIONS BESHOWN ARE THEREFORE	7/8 1/2 3/8 1/4) DIMENSIONS WIDTH 12 7 1/2 13 1/2 3 1/4	DEPTH 19 13/16 3 15/16 9 4 9/32	42.0 8.0 (4# EA.) 7.06 3.2 (1.6# EA	COMPANIES OF THE STATE OF THE S			
RADIO	COMPASS SCR - 28 CIPAL COMPONENTS		ITEM RADIO COMPASS UNIT BC-431-A 2-RADIO CONTROL BOX BÇ-432-B LOOP LP-19-A 2-COMPASS INDICATOR 1-65-D INDICATOR 1-75 NOTE: Due to variations in aircraft sets vary considerably and floures in	H 7 25 3 T INSTALLATIONS BESHOWN ARE THEREFORE	7/8 1/2 3/8 1/4) DIMENSIONS WIDTH 12 7 1/2 13 1/2 3 1/4	DEPTH 19 13/16 3 15/16 9 4 9/32	42.0 (8.0 (4# EA.) 7.06 32.2 (1.6# EA)			

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

SCR-282 NOMENCLA' DESIGNATION			SEE INDIVI			STATUS:	LIMITED STANDARD 10 Nov 42	TO 08-10-27
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL C	CHARACTE	RISTICS	CHANGE IN STATUS:	AN JOH SH	
FREQUENCY RANGE: (Ko) 150 - 1,500 Ko. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: Loop and Fixed Vertical ANTENNA. TUNING: (MO OR XTAL) MO	USE	DIRECTI DIRECTI	REQUENCY E	NERGY OR T-LEFT INITIONS OF RAI	OF MODULATED VISUAL, UNI~ DICATION OF THE DIC FREQUENCY PLANE OF THE DOURSE", AURAL O FREQUENCY.			
SENSITIVITY: SELECTIVITY:	RAN	SE: (MILES)				AHUA	
POWER SOURCE: 24 - 28 VOLTS DC, AIRCRAFT BATTERY SIMILAR SETS: SCR-242 WHICH USES 12 VOLT POWER SOURCE. POWER OUTPUT: (WATTS)	TO	COMMUNICAT	E WITH:	-186				
TUBES: (TYPE AND NUMBER) 1 VT-66 6 VT-86 1 VT-87 1 VT-95 1 VT-94 2 VT-96	1018		N: AIRCRAF		ATION			ů
PART C - PRINCIPA (CLASSIFICATION: RE	L COMPO	NENTS					1:0	•
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION			100
RADIO COMPASS UNIT BC-310	7	12	20 1/2	45.3				V. C. S.
MADIO CONTROL BOX BC-311	7 1/2	7 1/2	3 15/16					
LOOP LP-18-C				7.1			4	
							4	1
OTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, ETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE TH	BOTH WELL	HTS AND V	CLUMES OF C	OMPLETE				
COMBINED WEIGHT OF COMPONENTS:				65# API	eox.	1 RADIO	COMPASS SCR-282 IN OPERATING PO	JSTITUN - SHOWING COMPONENTS
COMBINED VOLUME:								
SHIP TONNAGE:			BI BI		THE PERSON NO.	1 2 30 1 3		

INSTRUCTIO	NA	L LI	TERATURE:
BC-348-C	-	TO	08-10-47
BC-375-C		то	08-10-60

STATUS:	SCR-287-A STANDARD 31 Oct 39					
CHANGE IN STATUS:	N Sha					

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION:

FREQUENCY RANGE: JENCY RANGE: 1.5 - 18 RECVR. Mo. TRANS.- 1.5 - 12.5 Mo.; 260-500 Kc.; 650-1500 Kc NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: NOME

ANTENNA: TRAILING WIRE ANTENNA.

TUNING: (MO OR XTAL) MO

SENSITIVITY: SELECTIVITY:

POWER SOURCE: 24 VOLTS, DC AND PE-73

SIMILAR SETS: SCR-187 EXCEPT 12 V.

POWER OUTPUT: (WATTS) 60 @ 12 Mc/s, 30 @ 1.5 Mc/s.

TUBES: (TYPE AND NUMBER) SCR-287-A USES:
TRANS: 1 VT-14-C RECVR: 1 VT-148
1 VT-25 1 VT-65 VT-70 VT-86 VT-91

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: AIRBORNE LIAISON SET. AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION.

RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES.

TO COMMUNICATE WITH: SCR-188; SCR-193; SCR-197
AND SCR-299.

TO REPLACE IN PART:

TRANSPORTATION: INSTALLED IN AIRCRAFT.

TYPE OF SIGNAL: CW; MCW; VOICE.





DYNAMOTOR UNIT (RECEIVER BC-348-C CONTAINS CRYSTAL FILTER.) PRINCIPAL COMPONENTS RADIO SET SCR-287-A.



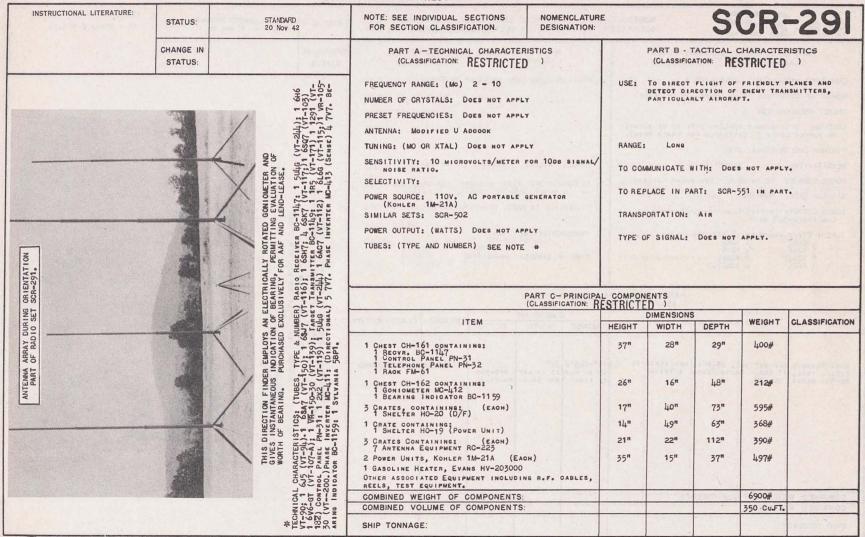
TRANSMITTER BG-375-C

RADIO

PART C - PRINCIPAL COMPONENTS

TEM STREET		DIMENSION	S	WEIGHT	CLASSIFICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	
RADIO RECEIVER BC-348-C	18	10 1/2	9 1/2	35.2	
RADIO TRANSMITTER BC=375-C	21 21/32	23 1/8	9 5/16	53	
ANTENNA TUNING UNIT BC-306-A	17 3/4	9 1/2	9 1/8	9.75	
DYNAMOTOR UNIT PE-73-B	11	11	7 1/2	39	A STATE OF THE PARTY OF THE PAR
TRANSMITTER TUNING UNIT TU-5-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-6-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-7-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-8-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-9-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-10-A	7 5/8	16 3/4	8 3/4	13	
TRANSMITTER TUNING UNIT TU-22-A	7 5/8	16 3/4	8 3/4	13	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATION SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE			OLUMES OF	COMPLETE	
COMBINED WEIGHT OF COMPONENTS:				250# APP	ox.
COMBINED VOLUME:				6 QU.FT.	APPROX.

SCR-288 NOMENCL DESIGNAT	The state of the s		SEE INDIV			STATUS:	Carlos Control of	NSTRUCTIONAL LITERATURE: TM 11-250.
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)			TACTICAL ICATION:			CHANGE IN STATUS:	100	
FREQUENCY RANGE: TRANS.: 3.5 - 6.3. (Mc) REOVR.: 2.3 - 6.5 (Mc) NUMBER OF CRYSTALS:	USE:	INF: B, R FA: DIV. SIG C: C	ARTY, REG	T, BN.				
PRESET FREQUENCIES:								At an
ANTENNA; 351 STRAIGHT INSULATED WIRE WITH COUNTERPOISE.								
TUNING: (MO OR XTAL) MO								
SENSITIVITY: SELECTIVITY: POWER SOURCE: Trans: Generator GN-44. RECVR. GENERATOR GN-44. OR DRY BATTERIES.		VOICE.			=161: SCR=102.			
SIMILAR SETS: SCR-284. POWER OUTPUT: (Watts) 4 75% modulation on Voice and CW.		TO COMMUNICATE WITH: SCR-131; SCR-161; SCR-193; SCR-238; SCR-245. TO REPLACE IN PART: SCR-131; 161; 171.					-	DD
TUBES: (Type and Number) SCR-288 Uses: 3 VT-107 1 VT-146 1 VT-147 1 VT-148 1 VT-149		PORTATION: OF SIGNAL:				Pre	X	المار
PART C - PRINCI (CLASSIFICATION:	PAL COMPO	ONENTS				RADIO SET	1/7	
ITEM		DIMENSIONS		WEIGHT	CLASSIFICATION	SCR-288		
The state of the s	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	288 ation		
Radio Trans, & Recvr. BC-474	18"	9 1/2"	7 1/2"	84#	Deally 1945 A		1	
				sof agrees			0	
				AL 100-110	the Leading			
			and refer to the	and the second	The state of the s			A-4
			a state	IND PROPERTY	distribution in			
	1 21. 23	And the state of			To the state of			
COMBINED WEIGHT OF COMPONENTS:		1	Sale State	84#				
COMBINED VOLUME:				The state of the s				
SHIP TONNAGE:				The same	Total Commence			



April Mark

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

SCR-293 NOMENCL DESIGNAT						STATUS:	LIMITED STANDARD 23 APR 43				
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)				CHANGE IN STATUS:	+ PE TRUE AND BUTTANTE				
FREQUENCY RANGE: (Mo) 20.0 - 27.9	USE:	AF: IN T	NK UNITS	UP TO BNS.							
NUMBER OF CRYSTALS: 5 IN RECORD 5 IN TRANS.											
PRESET FREQUENCIES: 5						100					
ANTENNA: 9' FISHPOLE AN-1/2-A TYPE TO BE MOUNTED ON TURRET (WITH 2' EXTENSION FOR LOWER FREQ).	HAS S										
TUNING: (MO OR XTAL) XTAL						1671					
SENSITIVITY: SELECTIVITY:	RANGE	: (MILES)	5 MOVING;	7 STATION	ARY.	4111		l N			
POWER SOURCE: 12 or 24 V - VEHICULAR BATTERY. SIMILAR SETS: SCR-508	TO COM	MUNICATE W	ITH: SCR-2 R-510; SCF	293; SCR-29 R-528; SCR-	94; SCR-508;	S.		11			
POWER OUTPUT: (WATTS) HIGH POWER-25 WATTS. LOW POWER-1/2 WATT	TO REF	PLACE IN PA	RT: SCR-19	3; SCR-24	5	ORT RA	RAG	1			
TUBES: (Type and Number) SCR-293-A uses: 4 6AC7		PORTATION: OF SIGNAL:		м)		PART OF RADIO SET SCR-293 SHORT RANGE, WEHICULAR FM TRANSMITTER AND RECEIVER REPLACED BY SCR-508, USES THROAT MICROPHONE	RADIO RECEIVER				
PART C - PRINCI (CLASSIFICATION: F	PAL COMPO	NENTS				AR FM	AND TR				
ITEM		DIMENSIONS		WEIGHT	CLASSIFICATION	TRA	ANS A	50			
The same of the sa	HEIGHT	WIDTH	DEPTH			NSM THRO					
LINK TRAMS., RECUR. TYPE, 25 UFX, AND SEPARATE RECUR. TYPE, 11 TKR. RADIO RECUR. & TRAMS. BC-500 RECUR. BC-499.	12"x142"x To se pla of Light	34" LEFT	SPONSON CU.FT.)	115#	UNCLASSIFIED	-293 ITTER AND REDAT MICROPHO	EER BC-500				
			Grove a	AUTAGE OF	Constant A	NE V	9018				
				The same	STATE STATE OF	22		166 33			
			LANGE OF	CRSS STREET	NATIONAL T	Figure	010	27 33			
		1100		Newson and	PERCONAGE S	455611		6-6			
	The Police	The Real Property		120 Th 120 A	TORNER PROPERTY.	151773					
COMBINED WEIGHT OF COMPONENTS:			Charles Ave.			1111					
COMBINED VOLUME:			A PLAN THE PARTY	10 105	CONTRACTOR	922161					
SHIP TONNAGE:						ATTEMPT DE					

INSTRUCTIONAL LITERATURE:	STATUS:	LIMITED STANDARD 23 APR 43
	CHANGE IN STATUS:	Ar COMA ACTIVAT



FOR SECTION CLASSIFICATION. PART A-TECHNICAL CHARACTERISTICS

NOTE: SEE INDIVIDUAL SECTIONS

NOMENCLATURE DESIGNATION:

SCR-294

(CLASSIFICATION:

FREQUENCY RANGE: (Mc) 20.0 - 27.9 (RECEIVER ONLY)

NUMBER OF CRYSTALS: 5 (RECVR.)

PRESET FREQUENCIES: 5

ANTENNA: 9' FISHPOLE (AN-42-A)

TUNING: (MO OR XTAL)

SENSITIVITY: SELECTIVITY:

POWER SOURCE: 12 OR 24 V CAR BATTERY.

SIMILAR SETS: SCR-538

POWER OUTPUT: (WATTS)

TUBES: (Type and Number) SCR-294-A uses: 2 12K8 2 6AC7 2 12SJ7 2 12A6 1 12SL7GT 2 12H6

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: AF: IN TANKS AND VEHICLES.

RANGE: (MILES)

TO COMMUNICATE WITH: SCR-293; SCR-508; SCR-509; SCR-510; SCR-528.

TO REPLACE IN PART: SCR-210

TRANSPORTATION: TANKS AND VEHICLES.

TYPE OF SIGNAL: FM RECEIVER.

PART C - PRINCIPAL COMPONENTS

TEM PRODUCE		DIMENSIONS	WEIGHT	01 4001510451011	
TEM TEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RADIO RECVR. BC-499	14 ⁿ	14 1/2"	34ª	56#	UNCLASSIFIED
				N-in	
				1	
COMBINED WEIGHT OF COMPONENTS:			300700	56#	K CETTER MARKET
COMBINED VOLUME:				0.6 cu.FT.	B. Barrie Labor.
SHIP TONNAGE:					

SCR-298 NOMENCL DESIGNAT	2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S		SEE INDIVI		Control of the Control of	STATUS:	STANDARD 21 Nov 43	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - 1	TACTICAL C	CHARACTER	RISTICS	CHANGE IN STATUS:	an same of	
FREQUENCY RANGE: (Mo) 30 - 40 NUMBER OF CRYSTALS: 1	USE:	USED BY U	MPIRE PERS	ONNEL.				
PRESET FREQUENCIES: 1 (NO SELECTION) ANTENNA: WHIP					and the state of	8	ATTERY	HANDSET
TUNING: (MO OR XTAL) XTAL							=	CONTROL UNIT
SENSITIVITY: SELECTIVITY:	DANGE	(MILES)	STATIONAR	v=10+ Mov I	NG=7.	1 4		
POWER SOURCE: 6 V VEHICULAR BATTERY. SIMILAR SETS: SCR-293	TO CO	MMUNICATE V SCR=628; SC	VITH: SCR- CR-808; SCF		609; SCR-610;	2	THERMAL CUT-OUT	TRANSMIT TER CONTROL CABLE
POWER OUTPUT: (WATTS) 25 TUBES: (TYPE AND NUMBER) EARLY MODEL USES: 1 EARLY LINK 11-UF MODELREOVR 2 6K8; 1 6C8G 2 6AC7/1852; 2 6SJ7; 2 6H6; 1 6V6; 1 6K6GT. 1 EARLY LINK 25 UFM MODEL TRANS 4 7C7; 2 7A8; 1 7C5; 1 807. NOTE: INFORMATION AVAILABLE STATES-SCR-298 LATMODEL USES: 1 35UFM (ED 2 or 3); 1 11UF (ED 3	TRANS	PLACE IN PAPER PORTATION: OF SIGNAL:	VEHIOLE	FM)		ANTENNA	TYPICAL U.H.F. MOBILE INSTALLATION NOTE: ALL CONTROL CABLES ARE AND SHIELDS ARE GROUNDED AT TRAIN AND RECEIVER. SHIELDS SHOULD NO TO BODY OF CAR AT ANY OTHER PLA	: SHIELDED NSMITTER T BE BONDED
PART C - PRINC (CLASSIFICATION:	PAL COMPO	NENTS						
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION		PRIMARY POWER CABLE	
Trans. 25-UFM	9 "	17 "	8 1/4"	29 #			GROUND LEAD	POWER SUPPLY POWER SUPPLY TYPE VPA-3A
REOVR. 11-UF	9 "	13 "	7 1/2"	17 1/2#				
POWER UNIT VPA-3A	8 1/2"	4 1/4"	5 "	7 1/4#			25 UFM TRANSMITTER	II.UF RECEIVER
						AN	TENNA ABLE TRANSMITTER-RECEIVER ANTENNA	A CABLE
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:				3414		ENGINE	ER'S DRAWING OF SCR-298 COMPONE	ENTS, SHOWING INTERCONNECTIONS.
SHIP TONNAGE:	1	1 3 3		1000	The state of the s			

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THIS SHEET IS CLASSIFIED: UNCLASSIFIED

	INSTRUCTIONAL LITERATURE:
STAT	SCR-299-A, B - TM 11-280-B SCR-299-C - IB STOOK No.
CHAN	SCR-299-D - IB STOCK No. SCR-299-E

STATUS:	LIMITED STANDARD 16 Jul 43
CHANGE IN	4-380

SET SCR-299 IN TRUCK K-51

RADIO

NOTE: SEE INDIVIDUAL SECTIONS
FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION: SCR-299

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)

FREQUENCY RANGE: (Mc) TRANS.: 2 -- 8.0 RECVR.: 1.5 - 18.0 NUMBER OF CRYSTALS: 36 FURNISHED.

PRESET FREQUENCIES: 3

ANTENNA:

WHIP OR LONG WIRE.

TUNING: (MO OR XTAL) BOTH

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: COMMERCIAL 110V AC OR 95.

SIMILAR SETS: SCR-399; SCR-499.

POWER OUTPUT: (WATTS) 400 CW; 300 VOICE.

TUBES: (TYPE AND NUMBER) SCR-299-A USES:
1 BC-312- - 2 605; 1 6F6; 4 6K7; 1 6L7; 1 6R7.
1 BC-312- - 2 605; 1 6F6; 4 6K7; 1 6L7; 1 6R7.
1 5W4 - 1 BC-614-B - 3 65N7GT; 1 65R7; 1 65Q7;
1 6J5; 1 80. 1 BC-610-B - 1 6V6; 1 6L6; 2 807;
1 250; 2 100; 2 2A5; 2 5Z3; 2 866A; 3 VR150-30.

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: Signal Corps, Airforce, Field Artillery, Calvary, Infantry. Components installed in Vehicles.

RANGE: (MILES) 250-CW; 100-VOICE.

TO COMMUNICATE WITH: SCR-177; SCR-183; SCR-187; SCR-193; SCR-197; SCR-209; SCR-237; SCR-238; SCR-245; SCR-274-N; SCR-283; SCR-284; SCR-285; SCR-287; SCR-288; SCR-506; SCR-511; SCR-536; SCR-513; SCR-583.

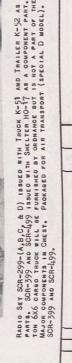
TO REPLACE IN PART: SCR-197

TRANSPORTATION: POWER UNITE PE-95 IN 1 TON TRAILER.
SHELTER HO-17 WITH COMPONENTS INSTALLED MOUNTS
ON 2½ TON, 6x6 CARGO TRUCK (TRUCK NOT PART OF
SET) (LONG WHEELBASE).

TYPE OF SIGNAL: CW; VOICE (AM)

PART C - PRINCIPAL COMPONENTS
CLASSIFICATION: RESTRICTED)

Anne-Della Riveria III.		DIMENSIONS	3	WEIGHT	0. 4001510 451011
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
Trans. BC-610 RECVR. BC-312 & BC-342 SPEECH AMPLIFIER BC-614-A, B, C, D, ANT. TUNING UNIT BC-729 POWER UNIT PE-95 TRUCK K-51 TRAILER K-52					UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED UNCLASSIFIED
COMBINED WEIGHT OF COMPONENTS:		(RADIO COM	PONENTS ONLY	1000# API	ROX.
COMBINED VOLUME:			- 1845 B	P. P	
SHIP TONNAGE:					Danie House



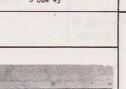
THIS SHEET IS CLASSIFIED:

UNCLASSIFIED

	NCLATURE NATION		SEE INDIV			STATUS:	STANDARD 27 Oct 42	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:) FREQUENCY RANGE: (Mo.) 40.0 - 48.0	USE	CLASSIF	. FIELD AF	TILLERY.) Coast Artillery.	CHANGE IN STATUS:		тм 11-242
NUMBER OF CRYSTALS: 2	A.	STANTRY UNIT	D ARTILLER	Y, COAST	ARTILLERY AND			
PRESET FREQUENCIES: NONE								FZCAC SB
ANTENNA: FISHPOLE TYPE.								TTTE L
TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY:	RAN	NGE: (MILES	з) 3 то 5.					SET SO PORTAL PORTAL CAPY AN
POWER SOURCE: LIGHT OR HEAVY DUTY (FOR LONGER OP IONAL HOURS) PLUG-IN TYPE DRY CELL BATTERY CON ING THE VOLTAGES FOR ALL TUBE ELEMENTS IN ONE	TAIN- UNIT.	COMMUNICATE REPLACE IN				RAI		SHE SET I
POWER OUTPUT: (WATTS) APPROXIMATELY 1		NSPORTATION				RADIO		C Z Z Z C C Z >
TUBES: (TYPE AND NUMBER) VHF PORTABLE. 1 BC-1000 1 - 1-R-5 3 - 1-S-5 5 - 1-L-4 6 - 1-T-4 2 - 3-A-4	USES:	PE OF SIGNAL		VOICE.		SET SCR-300. CUVER		
PART C- PRIN (CLASSIFICATIO		NENTS				IEA OP	11 1 1	IX TO LESS
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	OPEN, SH		LATE (
RECEIVER AND TRANSMITTER BC-1000 BATTERY BA-70	15"	10 ^{tt}	6"	17# 15#		SHOW ING CO		on the
BATTERY BA-80			in and	10#		CONTROLS.	AAT	
ANTENNA AN-130				- THE STATE OF		DLS.		
ANTENNA AN-131								
							V	
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME OF COMPONENTS:			1	1200 cu.ft.				
SHIP TONNAGE:		1		00.11.	AUTO TOTAL			

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

INSTRUCTIONAL LITERATURE: TM 11-281	STATUS:	STANDARD 8 Jun 43
	CHANGE IN STATUS:	A South
, In	THE DECEMBER	



SCR-399. INTERIOR VIEW OPERATING POSITION

RADIO SET SC SHOWING

FOR SECTION CLASSIFICATION.

NOTE: SEE INDIVIDUAL SECTIONS

NOMENCLATURE DESIGNATION:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION:

FREQUENCY RANGE: (Mc) TRANS. 2.0 - 18.0 RECVR. 1.5 - 18.0

NUMBER OF CRYSTALS: 36 PRESET FREQUENCIES: 3

ANTENNA: WHIP OR LONG WIRE

TUNING: (MO OR XTAL) BOTH

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: A.C. 110 VOLTS, 60 CYCLE, SINGLE PHASE; POWER UNIT PE-95.

SIMILAR SETS: SCR-299-A, B, C, D

POWER OUTPUT: (WATTS) 400 CW, 300 VOICE (2-8 MO); 300 CW, 250 VOICE (8-12 MC); 275 CW, 200 VOICE (12-18 MC).

TUBES: (TYPE AND NUMBER) 1 BC-312:2 6C5,1 6F6,4 6K7 1 6L7,1 6R7,1BC-342:2 6C5,1 6F6,4 6K7,1 6L7,1 6R7, 1 5W4.1BC-614-B:3 6SN7QT,1 6SR7,1 6SQ7,1 6J5,1 80. 1 BC-610-B:1 6V6,2 100,1 6L6,2 2A3,2 807,2 523, 1 250 2 866A, 3 VR-150-30.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: SIE C; AC; AF; FA; CAV; INF.

RANGE: (MILES) 250 CW; 100 VOICE.

TO COMMUNICATE WITH: SCR-177; SCR-183; SCR-187; SCR-193; SCR-197; SCR-209; SCR-237; SCR-238; SCR-254; SCR-274-N; SCR-263; SCR-284; SCR-286; SCR-267; SCR-286; SCR-506; SCR-511; SCR-536; SCR-543; SCR-583.

TO REPLACE IN PART: SCR-197; SCR-299. TRANSPORTATION: Power Unit PE-95 in 1 ton trailer.
SHELTER H0-17 WITH COMPONENTS INSTALLED MOUNTS
ON 2 1/2 TON, 6x6 CARGO TRUCK.

TYPE OF SIGNAL: CW, VOICE (AM)

PART C- PRINCIPAL COMPONENTS

		DIMENSIONS	5			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	
TRANS. BC-610 RECEIVERS BC-312 & BC-342 SPEECH AMPLIFIER BC-614-E ANTENNA TUNING UNIT BC-939 TRAILER K-52 (POWER UNIT) INCLUDES POWER UNIT PE-95 JUNCTION BOX JB-70 SHELTER HO-17					THOSE ARRESTS AND ARRESTS AND ARRESTS AND ARRESTS AND ARRESTS AND ARRESTS AND ARRESTS	
COMBINED WEIGHT OF COMPONENTS:			THE WAY TO			
COMBINED VOLUME OF COMPONENTS:			T STORES	TOTAL STATE		
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

SCR-499 NOMENCL DESIGNAT			SEE INDIV			STATUS:	STANDARD 8 Jun 43	1 200	INSTRUCTIONAL LITERATURE: TM 11-281
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:				CHANGE IN STATUS:		SU AN	
FREQUENCY RANGE: (Mc) TRANS. 2.0 - 18.0 RÉCUR. 1.5 - 18.0 NUMBER OF CRYSTALS: 36 PRESET FREQUENCIES: 3 ANTENNA: WHIP OR LONG WIRE TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: AC 110 VOLTS, 60 CYCLES, SINGL PHASE OR PE-95. 34MILAR SETS: SCR-177-B; SCR-188-A; SCR-399 WITH- OUT SHELTER HO-17 AND WITHOUT 1-TON 2XO TRAILER POWER OUTPUT: (WATTS) 400 CW, 300 VOICE (2-8uc); 300 CW, 250 VOICE (8-12wc); 275 CW, 200 VOICE (12-18 wc). TUBES: (TYPE AND NUMBER) 1 BC-312: 2 605, 1 676, 4 6KT, 1 6LT, 1 677: 1 BC-342: 2 605, 1 676, 4 6KT, 1 6T, 1 5M4, 1 BC-614-B: 3 6SWTGT, 1 6SWT, 1 6 SQT, 1 6J5, 1 80.1 BC-610-61 6166; 1 6L6; 2 807, 1 250, 2 100, 2 2A3, 2 5Z3 2 866A	TO COMES SEED TO REF	MUNICATE W GCR-193; SCI GCR-245; SCI GCR-287; SCI GCR-243; SCI PLACE IN PAI	250 CW; 1TH: SCR-1' R-197; SCR-R-271-N; SCR-288; SCR-288; RT: SCR-2: COMPONE SHELTER	100 Voice. 77; SCR-18 209; SCR-283; SC-506; SCR- 99.	37; SCR-238; R-284; SCR-285; 511; SCR-536;	RADIO SET SCR-499 INCLUDES RADIO COMPONENTS FOR ALIBORNE SHIPMENT; DOES NOT INCLUDE SHE FOR POWER UNIT. ABOVE PHOTOGRAPH SHOWS			
PART C-PRINCIP (CLASSIFICATION:	AL COMPO	NENTS				RAPH		19	THE STATE OF THE S
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION	ONENTS DE SHEI SHOWS		318	
TRANS. BC-610 REOVRS. BC-312, BC-342 SPEECH AMPLIFIER BC-614-E ANT. TUNING UNIT BC-939 POWER UNIT PE-95 JUNCTION BOX JB-70				20, 20 C. 12 2 C. 20 C. 20 2 C. 20	STATE AND STATE OF THE STATE OF	S OF RADIO SET SCR-399 PACKED ELTER HO-17 AND TRALLER, K-52 COMPONENTS IN SHELTER HO-17.			
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:			23/8/16		10 a 2 4 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				
SHIP TONNAGE:					Sulor siu				

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

INSTRUCTIONAL LITERATURE:	STATUS:	SUBSTITUTE STANDARD 11 Jun 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	in the same		SCI	2-5	03
	CHANGE IN STATUS:	N MARKE.	PART A -TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS		ART B - T	ACTICAL C		
			FREQUENCY RANGE: (Mc) .1 - 3.0 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: CROSSED LOOPS				DIRECTIONS OF THE		OR FIELD USE
			TUNING: (MO OR XTAL) DOES NOT AP SENSITIVITY: 5 - 25 MICROVOLTS/M		RANGE:	SHORT			
			SELECTIVITY: POWER SOURCE: 12V STORAGE BATTER	iY .	то сом	MUNICATE	WITH: DOES	NOT APPL	.Y.
			SIMILAR SET: SCR-206		TO REP	LACE IN PA	ART: SCR-	-206	
			POWER OUTPUT: (WATTS) DOES NOT A TUBES: (TYPE AND NUMBER)	(PPLY	TRANSP	ORTATION:	PORTABLE		
			Low Fage, Unit: High Fage 2 VT-161 1 1 VT 16 VT-152 2 VT 162 2 VT-152 4 VT-1534 4 VT	(-153 (-161 (-162	TYPE O	F SIGNAL:	DOES NOT	APPLY	
				PART C- PRINCIPAL	COMPONE	NTS			
				074 085 12		IMENSIONS	3		
	C CELLS		ITEM	HE BLESSES FOR	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
9			A3.1111711 Co.1.5 M-777						

RADIO SET SCR-50	

THIS SET COMES IN 2 UNITS - LOW FREQUENCY UNIT .1 TO 1.0 MC, HIGH FREQUENCY UNIT 1.0 to 3 MCS. THIRD UNIT UNDER DEVELOPMENT TO COVER RANGE OF 3 to 18 MC.

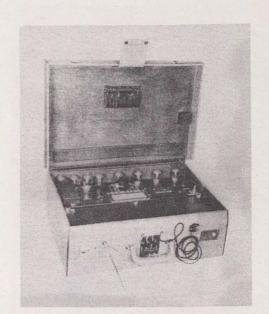
TOTAL THE PARTY OF	0	DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
AZIMUTH SOALE M-333 LOOP LP-23 LOOP LP-35 RECEIVER BC-1003 RECEIVER BC-973 BATTERY, STORAGE 12V TRIPOD LG-15 DYNAMOTOR PE-133 BATTERY CHEST CH-113	10" 10" 8" 8" 10-5/16" 29" 7-3/8" 23-7/8"	10" 10" 12" 12" 13" 5-1/2" 6-5/8" 27-7/8"	4-3/16"		
COMBINED WEIGHT OF COMPONENTS: INCLUDIT	BRACKETS, CHEST	s, CORDS,	ETO.	157.5#	
			AND DESCRIPTION OF THE PARTY OF	4.3 CU.FT.	

STATUS:

CHANGE IN

SCR-504 NOMENCLATED DESIGNATION	The second secon
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)
FREQUENCY RANGE: (Mc) .1 - 65 NUMBER OF DRYSTALS: NONE PRESET FREQUENCIES: NONE	USE: This equipment is intended to be used for intelligence purposes, particularly for the specific location of unauthoritansmitters.
ANTENNA: LOOP TUNING: (MO OR XTAL) DOES NOT APPLY	RANGE: SHORT
SENSITIVITY: 50 - 200 MICROVOLTS/METER	TO COMMUNICATE WITH: Does not apply.
SELECTIVITY:	TO REPLACE IN PART:
POWER SOURCE: MINIATURE STORAGE BATTERY (B8-51, B8-52)	TRANSPORTATION: PORTABLE
SIMILAR SETS: NONE	TYPE OF SIGNAL: DOES NOT APPLY.
POWER OUTPUT: (WATTS)	
TUBES: (TYPE AND NUMBER) 1 1LBL 1 VT-177 1 VT-178 5 VT-179	
PART C-PRINCIPAL (CLASSIFICATION:	COMPONENTS)

	DIMENSIONS		WEIGHT OF TOOLERS		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
RADIO RECEIVER BC-792	6"	18"	13"	25#	
BATTERY CHARGER PE-128	9 3/4"	12"	8m	16#	real man
HEADSET HS-34				1 oz.	
	1 1 1 1 2 1			- MV-	Constant to
				N. P. Tau	rape wo
					T OF THE LAND
		FREE TO SEE	1		1 7
COMBINED WEIGHT OF COMPONENTS:			Auto des	55#	
COMBINED VOLUME OF COMPONENTS:			His chips	The Division	
SHIP TONNAGE:					



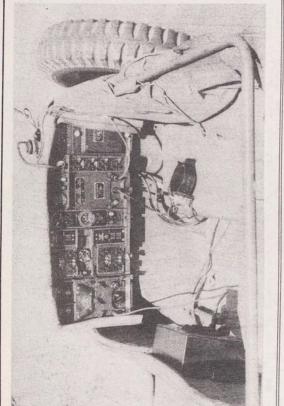
INSTRUCTIONAL LITERATURE:

TM 11-862 (FOR SCR-504-A)

RADIO SET SCR-504

RADIO RECEIVER BC-792, A HAND PORTABLE DIRECTION FINDER, MOUNTED IN SUIT CASE AND READY FOR OPERATION. SHOWING EXTENDED SENSE ANTENNA, EXTERNAL CONTROLS AND MINIATURE HEADSET OF THE HEARING-AID TYPE. BATTERY CHARGER PE-128 IS USED AS PART OF SET BUT IS NOT NECESSARILY TAKEN ALONG WITH RECEIVER ON OPERATING MISSIONS.

INSTRUCTIONAL LITERATURE: TM 11-630	STATUS:	STANDARD 19 Dec 41	haur!
	CHANGE IN STATUS:		ALTERO



RADIO SET SCR-506-a . INSTALLED in TRUCK, 1/4-T Front View . Showing Control Panel NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION: SCR-506

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (Mo) TRANS. 2-4.5; RECVR 2 -6

NUMBER OF CRYSTALS: 1 (XTAL CALIBRATOR)

PRESET FREQUENCIES: 4

ANTENNA: 15' FISHPOLE TO USED WHILE MOVING, WITH 10' EXTENSION TO BE USED WHILE AT A HALT.

TUNING: (MO OR XTAL) MO

SENSITIVITY: SELECTIVITY:

POWER SOURCE: VEHICULAR POWER SYSTEM 12 OR 24 V.

SIMILAR SETS:

POWER OUTPUT: (WATTS) 100 CW; 25 WATTS VOICE

TUBES: (TYPE AND NUMBER) SCR-506 USES: 1-8C-652-A: 2-6 SC 7; 2-12 SK 7; 2-12 K 8; 1-12 SR 7; 1-12 C 8; 1-6 K 8; 1-6 Y 6 G; 1-12 SG 7; 1-8C-653-A: 1-8O7; 2-814; 2-1613; 2-VR-105-30.

NOTE: 506-A & SO LISTED: HAS 18 TUBES, ALSO IDENTION.

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: TD; ARMD F; CAV; ENGRS; FA; SIG C; USED IN LIGHT TANK M-3 & IN OTHER ARMORED VEHICLES.

RANGE: (MILES) 70 CW; 25 VOJOE.

TO COMMUNICATE WITH: SCR-131; SCR-171; SCR-187; SCR-193; SCR-203; SCR-209; SCR-210; SCR-238; SCR-245; SCR-259; SCR-287.

TO REPLACE IN PART: SCR-193-IN AF

TRANSPORTATION (AND OF RATION): IN VEHICLE IN WHICH SET IS INSTALLED.

TYPE OF SIGNAL: CW; VOICE (AM)

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

WIDTH 6" 33 1/8"	DEPTH 11, 1/4"	176#	CLASSIFICATION
6" 33 1/8"	14 1/4"	176#	

THIS SHEET IS CLASSIFIED: NOMENCLATURE NOTE: SEE INDIVIDUAL SECTIONS STATUS: DESIGNATION FOR SECTION CLASSIFICATION. PART A-TECHNICAL CHARACTERISTICS PART B - TACTICAL CHARACTERISTICS CHANGE IN CLASSIFICATION: (CLASSIFICATION: STATUS: FREQUENCY RANGE: (Mc) 20.0 to 27.9 USE: ARMORED FORCE, FIELD ARTILLERY. INSTAL-LATION IN COMMAND TANKS AND VEHICLES OF AF, GHQ., CORPS AND DIVISIONS WHERE IT NUMBER OF CRYSTALS: 80 IS NECESSARY TO MONITOR 2 FREQUENCIES PRESET FREQUENCIES: 10 (PUSH BUTTON SELECTION). SIMULTANEOUSLY. ANTENNA: 9 FT. FISHPOLE TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: RANGE: (MILES) 7 IN MOTION. POWER SOURCE: 12 OR 24 VOLT BATTERY. TO COMMUNICATE WITH: SCR-293; SCR-294; SCR-508; SCR-509; SCR-510; SCR-528; SCR-538. SIMILAR SETS: SCR-608 EXCEPT FREQUENCY. POWER OUTPUT: (WATTS) 25 100% MODULATION. TO REPLACE IN PART: SCR-193; SCR-245; SCR-293. TUBES: (TYPE AND NUMBER) BC-603-C RECEIVER 1 TUBE TYPE 6 H 6; 1 TUBE TYPE 6 J 5; 1 TUBE TYPE 6 V 6 GT; 3 TUBES TYPE 6 A C 7; 2 TUBES TYPE 12 SG 7; 2 TUBES TYPE 6 S L 7 GT. BG-60L-C TRANSMITTER 7 TYPE 1619 TUBES; 1 TYPE 162L TUBES. TRANSPORTATION: VEHICLE. TRANSMITTER; 2 TRANSMITTER; 1 RECEIVER TYPE OF SIGNAL: VOICE; FM. PART C- PRINCIPAL COMPONENTS (CLASSIFICATION: DIMENSIONS ITEM CLASSIFICATION WEIGHT HEIGHT WIDTH DEPTH RECEIVER TRANSMITTER BC-604 67# RECEIVER (2) BC-603 70# (35#EA MOUNTING BASE FT-237 44# VEHICLE ANTENNA -----

SOR-508 IS A SHORT RANGE, VEHIOULAR, FM SET. ARMORED FORGE COMMAND SET (AF 111). HAS INTEGRAL INTERPHONE AMPLÍFIER. NOTÉ: RADIO SETS SGR-508; SGR-528 AND SGR-538 ALL USE COMMON COMPONENTS AS FOLLOWS:



INSTRUCTIONAL LITERATURE:

TM 11-600

PAGE 72

SHIP TONNAGE:

COMBINED WEIGHT OF COMPONENTS:

COMBINED VOLUME OF COMPONENTS:

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

181#

TUNING: (MO OR XTAL) XTAL

SIMILAR SETS: SCR-510.

SELECTIVITY:

POWER SOURCE: DRY BATTERIES BA-39; BA-40; BA-41.

POWER OUTPUT: (WATTS) 1.8 100% MODULATION.

TUBES: (Type and Number) SCR-509-A uses: 1 BC-620-A - 4 1LN5; 1 1LC6; 4 1299; 1 1294; 1 1LH4; 2 1291.

SENSITIVITY:

		THIS S	SHEET IS CLASSIFIED: UNCLASSIFIED		(GROUND SIGNAL EQUIPMENT: GROUND RADIO.
INSTRUCTIONAL LITERATURE: TM 11-605	STATUS:	STANDARD 14 Jul 41	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	scr-509
	CHANGE IN STATUS:	AT SHALE	PART A - TECHNICAL CHARACTE (CLASSIFICATION:	RISTICS)	PART B - TACTICAL CHARACTERISTICS (GLASSIFICATION:)
			FREQUENCY RANGE: (Mo) 20.0 - 27. NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 2 ANTENNA: 8 Ft. FISHPOLE (ANT. ANTENNA: 8	VIDENTIA	USE: ARMD FORCE: TK BN; ARMD REST; INF REST; SHORT RANGE RECOMNAISBANCE AND SIMILAR MISSIONS.

RADIO SET SCR-509 SET UP FOR OPERATION RADIO SET SCR-509 IS A LIGHT WEIGHT, SHORT RANGE FREQUENCY MODULATED SET. RANGE: (MILES) 5 ON GROUND.

TO COMMUNICATE WITH: SCR-293; SCR-294; SCR-508; SCR-509; SCR-510; SCR-528; SCR-538.

TO REPLACE IN PART: SCR-195 WITHIN THE ARMORED

TRANSPORTATION: MAN ON FOOT OR IN ANY VEHICLE.

TYPE OF SIGNAL: VOICE: (FM)

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:)

	DIMENSIONS				
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
Radio Receiver & Transmitter BC-620					
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME OF COMPONENTS:					The same of
SHIP TONNAGE:					

POWER OUTPUT: (WATTS) 1.8 100% MODULATION.

TUBES: (TYPE AND NUMBER) SCR-510-A USES: 1 BC-620-A - 4 1LN5; 1 1LC6; 4 1299; 1 1294; 1 1LH4; 2 1291. 1 PE-97-A - 1 VR90-30; 1 CK1005.

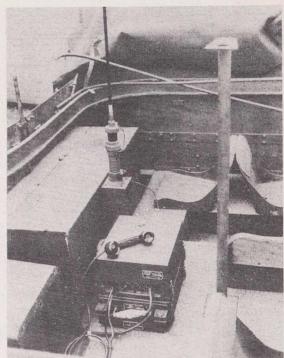
(GROUND SIGNAL EQUIPMENT: GROUND RADIO.)	THIS SHEET IS CLASSIFIED: UNCLASSIFIED			
SCR-510 NOMENCLAT	The same of the sa	STATUS:	STANDARD 15 JUL 41	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) 20.0 - 27.9 NUMBER OF CRYSTALS: 80	USE: FA: ARMD BTRY; MED: CO BN ARMD; SIG C: CO ARMO; ARMD F; TD: BN. USED BY FORWARD OBSERVERS FOR LINISON PURPOSES.	THOU		2
PRESET FREQUENCIES: 2	Branner anna			
ANTENNA: 8 FT. TELESCOPIC MAST, AND VEHICULAR WHIP. TUNING: (MO OR XTAL) XTAL	AND THE LIBERT AND LIVE AND LIBERTED AND THE PROPERTY OF THE P			4
SENSITIVITY: SELECTIVITY:	RANGE: (MILES) 5 IN MOTION.	¥.		
POWER SOURCE: DRY BATTERIES OR VIBRATOR PACK FOR OPERATION FROM ANY 6 OR 12 V VEHICULAR BATTERY.	TO COMMUNICATE WITH: SCR-293; SCR-294; SCR-508; SCR-509; SCR-510; SCR-528; SCR-538.			
SIMILAR SETS: SCR-509 WHICH USES DRY BATTERIES	TO REPLACE IN PART: SCR-194; SCR-195.	6	1/	

TRANSPORTATION: TRANSPORTED & OPERATED IN VEHICLE

OR CARRIED BY MAN ON FOOT. TYPE OF SIGNAL: VOICE (FM)

PART	C -	PRIN	CIPAL	COMP	PONENTS
(CLASSIF	FICAT	TION:	RESTR	ICTED)

	DIMENSIONS		WEIGHT OF ACCIETO		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATIO
REOVR. & TRANS. BC-620- PLATE SUPPLY UNIT PE-97			000	reamer to	ense out-
COMBINED WEIGHT OF COMPONENTS:				65#	- A 142 (32)
COMBINED VOLUME:				1.3 OU. FT.	
SHIP TONNAGE:					Nimbra-110

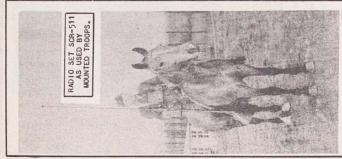


RADIO SET SCR-510 SHOWING SET INSTALLED IN RIGHT CENTER SECTION OF SCOUT CAR M 3 A 1

RADIO SET SCR-510 IS THE SAME AS RADIO SET SCR-509 EXCEPT FOR THE ADDITION OF VEHICULAR COMPONENTS. SHORT RANGE FREQUENCY MODULATED VEHICULAR OR GROUND RADIO SET. MAY ALSO BE USED AS SHORT RANGE MOS-ILE COMMAND SET.

		THIS S	HEET IS CLASSIFIED: UNCLASSIFIED
INSTRUCTIONAL LITERATURE: TM 11-245	STATUS:	STANDARD 1 Jun 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.
	CHANGE IN STATUS:	9014ft	PART A - TECHNICAL CHARACTERIST (CLASSIFICATION:
	13	OCE-OPERATED SET USED FOR THE CAVALRY. THIS SET CAN NEO RADIO SPECIALISTS.	FREQUENCY RANGE: (Mo) 3.0 - 6.0. NUMBER OF CRYSTALS: 2 IN EACH TUNING TUNING UNITS/ SET AUTHORIZED. PRESET FREQUENCIES: 1 TUNING UNIT II 1 SPARE TUNING UNIT OARRIED WITH SIT 1 SPARE TUNING UNIT OARRIED WITH SET'S ON-OFF SWITCH WHEN EXTENDED. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: INTEGRAL DRY BATTERIE

RADIO SET SO COMMUNICATION BE USED BY



NOMENCLATURE DESIGNATION:

SCR-5II

ACTERISTICS

OH TUNING UNIT; 13 ED.

B UNIT INSTALLED;

TIS ANTENNA ACTUATES

BATTERIES BA-49.

SIMILAR SETS: NOME

POWER OUTPUT: (WATTS) 0.75
TUBES: (TYPE AND NUMBER) RADIO RECVR. BC-1147: 1 5U4G(YT-244)
1 6H6,(VT-90)1 6J5(VT-94)1 6SA7(YT-150)1 6SHT,1 6SJ7(VT-116)
4 6SK7 (VT-117)1 6SQ7(YT-103)1 6V6-GT(VT-107-A)1 VR-150-30
(VT-139)TARGET TRANSMITTER BC-1149:1 IRS(VT-171)1 129:(VT-82)
CONTROL PAMEL PN-31:1 2X2(VT-119)1 5U4G(VT-244)1 6AC7(VT-112)
1 6L6G(YT-115)1 VR-105-30(VT-200)

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: CAV. TR; ENGR. CO. & TR; INF: PARA, MTN, & AIRBORNE UNITS; SIG C: CO MTN DIV; CO MTZ DIV; CO AMPHIBIAN.

RANGE: (MILES) 5 NORMAL

TO COMMUNICATE WITH:

TO REPLACE IN PART:

TRANSPORTATION: MAN ON FOOT, HORSE, OR VEHICLE.

TYPE OF SIGNAL: VOICE (AM)

PART, C - PRINCIPAL COMPONENTS

Control of the Contro		DIMENSIONS	WEIGHT	01 400151045101	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RADIO RECVR. & TRANS. BC-745				1918/180	
TUNING UNIT BC-746			Service Co	and the last	San Carry
POWER SUPPLY UNIT PE-157				1990	
CHEST UNIT T-39				1000	STATE OF T
MOUNTING FT-338				-	
BATTERY BA-49					
COMBINED WEIGHT OF COMPONENTS:				20#	
COMBINED VOLUME:				0.5 OU.F%	
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED. RESTRICTED

SCR-522 NOMENCL DESIGNAT				STATUS:	STANDARD 8 Sep 41	INSTRUCTIONAL LITERATURE: TO 08-10-105		
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - T	ACTICAL C	STRICTE	RISTICS D	CHANGE IN STATUS:	ne Steden	
FREQUENCY RANGE: (Mo) 100 - 156 Mos NUMBER OF CRYSTALS: 8 (4 TRANS. 4 RECVR.)	USE:				OF AIRCRAFT.			
PRESET FREQUENCIES: L PRESET CHANNELS BOTH RECVR. & TRANS. ANTENNA: AN-74 & AN-74-A; AN-104 & AN-104-A						COMPONE COMPON		
1/4 WAVE, VERTICAL MAST. TUNING: (MO OR XTAL) CRYSTAL TUNING SENSITIVITY: SELECTIVITY:	i i i i i i i i i i i i i i i i i i i		470 40			HIC AND RE		RADIO CASE C
POWER SOURCE: 28 VOLTS. PRIMARY SOURCE AND PE-94	TO COL	MUNICATE W	VITH: OTHER	RAIRPLANE	(LINE OF SIGHT)	CON PRODUCTION FROM WRIGH		CS-80-A AN
SIMILAR SETS: RADIO SET SCR-542-(12 VOLT VERSION OF SCR-522 POWER OUTPUT: (WATTS) 6 WATTS VOICE.	Cor	TH SCR-522 WMAND EQUIP VING SUFFICE	OR SCR-542	O GROUND I	VALENT VHF NSTALLATIONS ILITIES.	COMPONENTS DUCTION SECTION SA		ER BC-624
TUBES: (TYPE AND NUMBER) SCR-522-A USES: 1 - 12J5GT 3 - 12SG7 1 - 12C8 2 - 832	TRANS	PLACE IN PA	AIRBORNE VOICE AN	INSTALLAT	TONE SIGNAL	NIS OF RADIO		410 633 IN FT-244
1 - 9002 3 - 12A6 3 - 9003 1 - 6669 1 - 12AH7GT 2 - 6887			WHEN USE MENT RC=	D WITH COM	TACTOR EQUIP-	SET	N. 104	
(CLASSIFICATION:) DIMENSIONS				SCR-522	602 B	SJI B
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	22		35
CASE CS-80 CONTAINING: RADIO TRANSMITTER BC-625 RADIO RECEIVER BC-624 RACK FT-244	16 5/32 ⁿ	12 9/16"	10 11/16	49#	REM GRAD	AND ANTENNA		10
DYNAMOTOR PE-94	12 25/32	8 27/32	6 15/64	37 [#]				
RADIO CONTROL BOX BC-602	5 7/8	5 9/16"	2 1/2"	2.4#		AN-104 Neg. 1		nu a
						Date 6-4-43 No. D 2435 R		PE-94
OMBINED WEIGHT OF COMPONENTS:				91# APP	ROX.	# E		
OMBINED VOLUME:					T. APPROX.			
OMBINED VOLUME:								

THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 22 Jul 41
	CHANGE IN STATUS:	Av alonger



× 4 TRUCK, 3/4-TON NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

SCR- 528

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION:

FREQUENCY RANGE: (Mo) 20.0 TO 27.9

NUMBER OF CRYSTAL S: 80

PRESET FREQUENCIES: 10

ANTENNA: 9 FOOT FISHPOLE

TUNING (MO OR XTAL): XTAL

SENSITIVITY: SELE CTIVITY:

POWER SOURCE: 12v:(XMTR)DM-35 (REOVR.)DM-34 24v:(XMTR)DM-37 (RECVR.)DM-36

SIMILAR SETS: Same as SCR-508 MINUS ONE RADIO RECEIVER BC-603.

POWER OUTPUT: (WATTS) 25 AT 100% MODULATION

TUBES: (Type AND NUMBER) SCR-528 USES: 1-8C-603-C REC.: 1-6H6; 1-6J5; 1-6V6GT; 3-6AC7/1852; 2-12 SG 7; 2-6 SL7 GT. 1-8C-604-C TRMS.: 7-1619; 1-1624. (TUBE CONTENTS MAY VARY IN DIFFERENT MODELS.MODEL 528-C IS CITED TO SHOW TUBE CONTENT AS BEING FAI R-LY TYPICA .)

PART B - TACTICAL CHARACTERISTICS

USE: CAY; ENGRS; FA; MED DEPT; QMC; ARMD F. FORCE, GHQ, CORPS AND DIVISIONS.

RANGE: (MILES) 7 WHILE IN MOTION

TO COMMUNICATE WITH: SCR-293; SCR-294 SCR-508; SCR-509; SCR-510; SCR-528; SCR-538.

TO REPLACE IN PART: SCR-293; SCR-245 IN ARMORED FORCE.

TRANSPORTATION: AND OPERATION IN VEHICLES.

TYPE OF SIGNAL: VOICE (FM)

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED

		DIMENSIONS	3	WEIGHT	CLASSIFICATION
OTTANDADA DE THOMAS ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	
TRANSMITTER BC-601 (INTEGRAL INTERPHONE) RECEIVER BC-603 MOUNTING FT-237	14 "	14 1/2"	34ª	175 #	CAL SEVERAL
COMBINED WEIGHT OF COMPONENTS:				100/ 3/20	
COMBINED VOLUME:	He Hoo				
SHIP TONNAGE:					

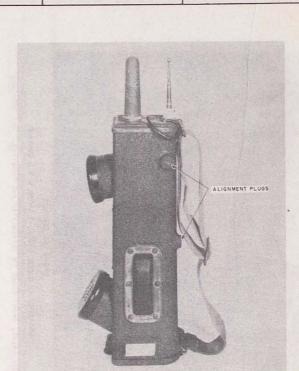
STATUS:

CHANGE IN STATUS:

SCR-536 NOMENCLATURE DESIGNATION	FOR SECTION CLASSIFICATION.				
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)				
FREQUENCY RANGE: (Mc) 3.5 to 6.0 NUMBER OF CRYSTALS: ONE TRANSMITTING AND ONE RECEIVING CRYSTAL REQUIRED PER CHANNEL.	USE: USED BY PARACHUTE TROOPS, AIRBORNE TROOPS, AND ANTI-TANK UNITS OF THE INFANTRY FOR SHORT RANGE COMMUNICATION.				
PRESET FREQUENCIES: ONE PRESET CHANNEL PROVIDED.					
ANTENNA: 11 WHIP ANTENNA - TELESCOPES INTO SET BOX. RECEIVER IS TURNED ON WHEN ANTENNA IS EXTENDED					
TUNING: (MO OR XTAL) CRYSTAL.					
SENSITIVITY: SELECTIVITY:	RANGE: (MILES) 1 1/2				
POWER SOURCE: SELF CONTAINED DRY BATTERIES.	TO COMMUNICATE WITH: SCR-187; SCR-188; SCR-193 SCR-245; SCR-274-N; SCR-283; SCR-287; SCR-288.				
SIMILAR SETS: NONE					
The second secon	TO REPLACE IN PART: NONE.				
POWER OUTPUT: (WATTS) .027	TRANSPORTATION: MAN PACK				
TUBES: (TYPE AND NUMBER) 1 BC-611-B TRANSCEIVER. TUBES: 1, 1 R 5 TUBE; 1, 1 S 5 TUBE; 1, 1 T 4 TUBE; 2, 3 S 4 TUBE.	TYPE OF SIGNAL: VOICE ONLY. (AM)				

PART	C- PRINCIPAL	COMPONENTS
(CI AS	SIFICATION.	1

Was I Sales I Had by	1	DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
			an laurage		THE PROPERTY OF
RECEIVER AND TRANSMITTER BC-611	15 3/4"	5 3/8"	3 3/4"	5 • 5#	
COMBINED WEIGHT OF COMPONENTS:			L. L.	6#	THE REAL PROPERTY.
COMBINED VOLUME OF COMPONENTS:				480 Cu. IN	
SHIP TONNAGE:			-	8 #	DEMOT NAME



INSTRUCTIONAL LITERATURE:

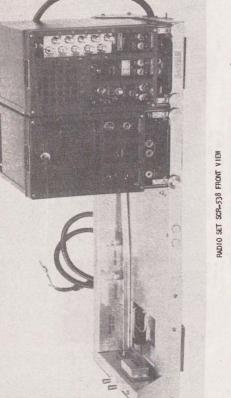
TM 11-235

RADIO SET SCR-536

RADIO SET SCR-536 IS A VERY COMPACT RECEIVER - TRANSMITTER RESEMBLING AN OVERSIZE TELEPHONE HAND SET. COMPLETE WITH BATTERIES, ANTENNA, TRANSMITTER, RECEIVER, - AND HAND SET IN ONE CASE.

THIS SHEET IS CLASSIFIED:

STATUS:	STANDARD 29 Apr 41	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOME
CHANGE IN STATUS:	N. 354	PART A - TECHNICAL CHARACTE (CLASSIFICATION:	RISTICS
	CHANGE IN	CHANGE IN	CHANGE IN PART A - TECHNICAL CHARACTE



NOMENCLATURE DESIGNATION:

SCR-538

REQUENCY RANGE (Mc) 20 to 27.9 (RECEIVER ONLY) NUMBER OF CRYSTALS:

PRESET FREQUENCIES: 10 - PUSH BUTTON SELECTION

TUNING: (MO OR XTAL)

ANTENNA: 9 FT. FISHPOLE

SENSITIVITY:

SELE CTIVITY:

POWER SOURCE: VEHICLE BATTERY (12 V or 24 V)

SIMILAR SETS:

POWER OUTPUT: (WATTS)

TUBES: (Type and Number) SCR-538 uses: 1-BC-603-A; 1-BC-605-A. 1-BC-603-A: 2-6 SL ? GT; 1-6H6; 1-6U5; 1-6V6 GT; 3-6AC ?/1852; 2-12SG?. 1-605-A: 2-1619 TuBES.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: CAY; MECZ & MTZD; ARMD F: TANK AND MAINTENANCE UNITS.

RANGE: (MILES)

TO COMMUNICATE WITH: SCR-293; SCR-508; SCR-509; SCR-510; SCR-528.

TO REPLACE IN PART: SCR-210; SCR-294.

TRANSPORTATION: TRANSPORTED AND OPERATED IN VEHICLES

TYPE OF SIGNAL: VOICE (FM)

PART C - PRINCIPAL COMPONENTS

ITEM		DIMENSIONS	3.	WEIGHT	CI ACCIFICATION
PROTESTICAL DESCRIPTION OF THE PROPERTY OF THE	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RECEIVER BC-603. INTERPHONE AMP. BC-605	114 "	14 1/2"	34 "	135 #	AND THE SAME
Mountine FT-237, Mast Base MP-37 or 57				2019900	Marie -
					AND ADDRESS OF THE PARTY OF THE
				-	Depart of the
COMBINED WEIGHT OF COMPONENTS:			Europi portug		De Trajectorio
COMBINED VOLUME:			THE STREET	Table 1	Let The Section 1
SHIP TONNAGE:	The state of				EARPY THE

THIS SHEET IS CLASSIFIED RESTRICTED

	NCLATURE		SEE INDIVID			STATUS:	2000 2000	TO 08-10-105
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - T	ACTICAL C	HARACTE!	RISTICS	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mc) 100 - 156 Mos. NUMBER OF CRYSTALS: 8 (L TRANSMITTERS - L RECE	USE:				ES OF AIRCRAFT.			de August
PRESET FREQUENCIES: 4 PRESET CHANNELS, BOTH RECEIVERS AND TRANSMITTERS.		THE ACT OF					19.	
ANTENNA: 1/4 WAVE, VERTICAL WAST - AN-74 & AN- 74-A AN-104 & AN-104-A.								107
TUNING: (MO OR XTAL) XTAL TUNING.							PLUGS •	RAL
SENSITIVITY: SELECTIVITY:	RANGE	: (MILES)	130 AT 10	000 FT. (L	INE OF SIGHT).			R BC T
POWER SOURCE: 12 VOLT PRIMARY SOURCE AND PE-98								6 NAN
SIMILAR SETS: SCR-522 (EXCEPT VOLTAGE)	TO CO	MMUNICATE	WITH: OTHE	R AIRPLAN	ES EQUIPPED			-1718R
POWER OUTPUT: 6 WATTS VOICE.	Co	COMMAND EQUIPMENT, ALSO GROUND INSTALLATIONS HAVING SUFFICIENT BHF GROUND FACILITIES.				PRI		SEABLY
1 - 1225GT 3 - 125G7 1 - 1208 2 - 832 1 - 9002 3 - 1246 3 - 9003 1 - 666G 1 - 124H7GT 2 - 6887	TYPE	N USED WIT	VOICE A	ND SPECIAL	TONE SIGNAL	PRINCIPAL COMPONENTS	NC-440-TE	CS-49-72
(OLASSI IOATIO		IMENSIONS				유	JACK BOX BC-631-72	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	RADIO	RAD RAD	
CASE CS-80 CONTAINING: RADIO TRANSMITTER BC-625 RADIO RECEIVER BC-6214 RADIO FT-2114	16 5/32M	12 9/16"	10 11/16"	49#	Acce orrespond	O SET SCR-542	m 4 4 4	9
OYNAMOTOR PE-98	12 25/32"	8 27/32"	6 15/64"	37#		1 2	JB-29-T2 JB-29-T2 JB-29-T2 BC-629-T2	
RADIO CONTROL BOX BC-602	5 7/8"	5 9/16"	2 1/2"	2.4#		Į,	12 12 BOX	
							90-401-12	TINI ROTOHLAYO PE-98-12
COMBINED WEIGHT OF COMPONENTS:		17 (0)	Tree-such	91 #	APPROXIMATELY		ě Parade	0 N 1 T
COMBINED VOLUME OF COMPONENTS:				1.8 cu	FT APPROX.			
SHIP TONNAGE:					DARROT HISLE			

THIS SHEET IS CLASSIFIED: RESTRICTED

		THIS SH	IEET IS CLASSIFIED:		(ditolia ordina agorriaani ditolia imaro)
INSTRUCTIONAL LITERATURE: TM 11-625	STATUS:	- Springe	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION GLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-543
	CHANGE IN STATUS:	eurara eurara	PART A - TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)
	SCR-S4.3 BG-699 - Power Supply Pg-110 ote Control Unit RH-21	OF OPERATION IN A MOVING VEHICLE	FREQUENCY RANGE: (Mo) 1.68 - 4.45 NUMBER OF CRYSTALS: 6 PRESET FREQUENCIES: 6 ANTENNA: 15' WHIP ANTENNA. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECT POWER SOURCE: POWER SUPPLY UNIT 115V AC, POWER UNIT PE-108. SIMILAR SETS: POWER OUTPUT: (WATTS) 45 TUBES: (Type AND NUMBER) SCR-543- 1 BC-669 - 1 6H6; 1 6J5; 2 807; 4 6L6G; 3 6SK7; 1 12J5GT; 1 6SA 1 PE-110-0-1 TYPE 80; 4 523.	PE-110	USE: CAC: FIRING BATTERY, BARRAGE BALOON UNITS & AA UNITS. RANGE: (MILES) 15 MOVING. 20-30 STATIONARY. TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: VEHICLE. (CAN BE DISMOUNTED QUICKLY AND OPERATED WITH INCREASED RANGE AS FIELD STATION) TYPE OF SIGNAL: VOICE ONLY (AM)
A	SET Remo	J.E.		PART C- PRINCIPAL	COMPONENTS .

PART	C-	PRINCIPAL	COMPONENTS
(CLAS	SIFI	CATION:)

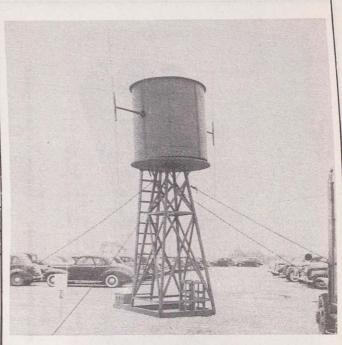
CONSTRUCTOR OF PROPERTY LINES AND PROPERTY OF THE PROPERTY OF		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RECEIVER & TRANSMITTER BC-669,	28 1/2 ⁿ 22 1/2 ⁿ	20 3/8"	29 3/4" 26 3/4"	181#	en revelope
POWER UNIT PE-110	24"	28"	23 3/4"	320#	Area mars
POWER UNIT PE-108	24"	20	2))/4	JEON	track pleas
					STATE OF THE PARTY
					GINA TOTORS .
100 mg 200 mg 20					-00 2112
	E P				
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME OF COMPONENTS:	-				
SHIP TONNAGE:					ARREST DESCRIPTION

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

SCR-551 NOMENCLA DESIGNATION	
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)
FREQUENCY RANGE: (Mc) 2.0 to 20.0 NUMBER OF CRYSTALS: NONE	USE: RADIO DIRECTION FINDER FOR LOCATING ENEMY TRANSMITTERS AND FOR NAVIGATIONAL AID TO FRIENDLY AIRCRAFT.
PRESET FREQUENCIES: NOME ANTENNA: ADDOOK	4 16 10 10 10 10 10 10 10 10 10 10 10 10 10
TUNING: (MO OR XTAL) DOES NOT APPLY SENSITIVITY: 5 - 30 MICROVOLTS/METER	RANGE:
SELECTIVITY: POWER SOURCE: 6V STORAGE BATTERY	TO COMMUNICATE WITH: Does NOT APPLY
SIMILAR SETS: SCR-255, 555, 556 POWER OUTPUT: (WATTS)	TO REPLACE IN PART: SCR-255
TUBES: (TYPE AND NUMBER)	TRANSPORTATION: 2½ TON CARGO TRUCK
1 VT-66 3 VT-80 3 VT-91 1 VT-90 3 VT-91 1 VT-99 2 VT-105 4 VT-116 6 VT-124 1 VT-163 4 6SF5 1 3BP1 (C.R.)	TYPE OF SIGNAL: DOES NOT APPLY

PART	C- PRINCIPAL	COMPONENTS
(CLAS	SIFICATION:)

			DIMENSIONS			
ITEM		HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
CS-121 CONTAININGS				15 1/2"	212#	The same of the sa
VIBRATOR UNIT PE-151					20#	
CONTROL PANEL PN-21					29#	-
OSCILLOSCOPE BC-991			4		38#	St. Professional
RADIO RECEIVER BC-976		40"	1		40#	District order
TOWER TR-51		151	5 1/21	91	616#	
ADOOCK ANTENNA			13 1		33#	
SHELTER HO-11		86*	80 "	80°	205#	
COMBINED WEIGHT OF COMPONENTS:	INCLUDING CHE	STS, LADDER	BATTERIES	0	2600#	
COMBINED VOLUME OF COMPONENTS:						
SHIP TONNAGE:						



SUBSTITUTE STANDARD 11 Jun 42

STATUS:

CHANGE IN STATUS:

INSTRUCTIONAL LITERATURE:

TM 11-247 (FOR SCR-551-A)

RADIO SET SCR-551
PREPARED FOR DIRECTION FINDING

EQUIPMENT AND OPERATOR ROTATE ON TOP OF 15-FOOT TOWER. GIVES AURAL NULL AND LEFT-RIGHT BEARING INDICATION ON OSCILLOSCOPE.

PAGE 82

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 30 Oct 42	- Humane	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	WTapers		SCI	R-5	55
	CHANGE IN STATUS:		M DAR IS	PART A - TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS		PART B - T		CHARACTER	RISTICS
				FREQUENCY RANGE: (Mo) 18 - 65		USE:	RADIO DIR TRANSMITT		DER FOR LO	CATING ENEMY
				NUMBER OF CRYSTALS: None	.01017					
				PRESET FREQUENCIES: NOME						
				ANTENNA: ADGOOK						
				TUNING: (MO OR XTAL) DOES NOT APP	PLY	RANGE				
				SENSITIVITY: SELECTIVITY:	(Named Yabian)					
				POWER SOURCE: 12 V STORAGE BATTER	RY	TO CO	MMUNICATE	WITH: DOE	S NOT APPL	Y SEE SEE
				SIMILAR SETS: SCR-551; SCR-556	CITY COLUMN	TO RE	PLACE IN P.	ART: NONE		
	A Part of the second			POWER OUTPUT: (WATTS) Does not as	PPLY					
				TUBES: (TYPE AND NUMBER) 1 VT-90 2 VT-94 2 VT-112 2 VT-131	THE TATLE STREET		PORTATION: OF SIGNAL:			
	7			1 VT-198-A 3 VT-209 1 VT-211 1 VT-233 2 VT-268						
	1			2 VT-268	PART C-PRINCIPAL (CLASSIFICATION:	201	IENTS			
	1			2 VT-268	PART C-PRINCIPAL		IENTS)	8	WEIGHT	CLASSIFICAT
	1			2 VT-268 ITEM Tower and Shelter Assembly TR-25 packed in 1 Chest CH-135 containing 3 shelter side 1 Chest CH-136 containing noor section	PART C- PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS	201	IENTS		isa eli	CLASSIFICA
	1			ITEM Tower and Shelter Assembly TR-25 packed in 1 Chest CH-135 containing 3 shelter side 1 Chest CH-136 containing noor section 1 Chest CH-137 containing noor section tower least, 1 Apex Block, and 3 Wedge 1 Chest CH-017 containing 1 Chest CH-017 containing 1 Chest CH-017 containing 1 Chest CH-017 containing 1 Chest CH-021 CONTAINING 1 CHOOR section	PART C- PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER	HEIGHT	DIMENSIONS WIDTH	S DEPTH	WEIGHT 329# 257# 270#	CLASSIFICA
	1			TOWER AND SHELTER ASSEMBLY TR-25 PACKED IN 1 CHEST CH-135 CONTAINING 3 SHELTER SIDE 1 CHEST CH-136 CONTAINING ROOF SECTION 1 CHEST CH-137 CONTAINING 3 LOWER TOWER LEGS, 1 APEX BLOCK, AND 3 WEDG 1 CHEST CH-201 CONTAINING 1 FLOOR SECTION 1 CHEST CH-202 CONTAINING 3 BASE SILLS, T LC-23-B, COMPASS TRIPOD LC-14-B.	PART C- PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER 29 LARGET TRIPOD CAGOUND ROD CP-28	HEIGHT 64" 64" 90"	DIMENSIONS WIDTH 59" 62" 12"	S DEPTH 10" 9" 11"	WEIGHT 329# 257# 270# 251#	GLASSIFICA*
				ITEM Tower and Shelter Assembly TR-25 packed in 1 Chest CH-135 containing 3 shelter side 1 Chest CH-136 containing a lower tower less, 1 apex block, and 3 wedge 1 Chest CH-201 containing floor section 1 Chest CH-201 containing 5 abase sills, 1 LG-23-B, Compass Tripod LG-14-B, and Amtenna Mast Assembly AN-105 packed in One	PART C-PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER ES FARGET TRIPOD GROUND ROD CP-28 ST CH-105	HEIGHT 64" 64" 90" 72" 12" 104"	DIMENSIONS WIDTH 59" 62" 12" 72" 120" 13"	DEPTH 10" 9" 11" 7" 8" 14"	WEIGHT 329年 257年 270年 251ま 200年 215年	GLASSIFICA ¹
				ITEM Tower and Shelter Assembly TR-25 packed in 1 Chest CH-135 containing 3 shelter side 1 Chest CH-136 containing roof section 1 Chest CH-136 containing roof section 1 Chest CH-136 containing 3 lower tower legs, 1 apex block, and 3 wedge 1 Chest CH-202 containing 3 base sills, 1 LG-23-B, Compass Tripod LG-14-B, and Amtenna Mast Assembly AN-105 packed in Chest CH-26 Receiver Cashet CS-355 packed in Chest CR-26-155 containing 1 Received Cashet CS-355 containing 1 Received CS-355 conta	PART C- PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER 29 FARGET TRIPOD GROUND ROD GP-28 ST CH-105 +-126 4-126 EVER BC-1005,	HEIGHT 64" 64" 90" 72" 12" 104" 30"	DIMENSIONS WIDTH 59" 62" 12" 72" 13" 54"	DEPTH 10" 9" 11" 7" 8" 14" 36"	- WEIGHT 329年 257年 270年 251日 200年 215日 194日	GLASSIFICAT
				TOWER AND SHELTER ASSEMBLY TR-25 PACKED IN 1 CHEST CH-135 CONTAINING 3 SHELTER SIDE 1 CHEST CH-137 CONTAINING 3 LOWER TOWER LEGS, 1 APEX BLOCK, AND 3 WEDGE CHEST CH-201 CONTAINING 3 BASE SILLS, TLC-23-B, COMPASS TRIPOD LC-14-B, AND AMTENNA MAST ASSEMBLY AN-105 PACKED IN CHEST CH-202 CONTAINING 3 CONTAIN	PART C- PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER 29 FARGET TRIPOD GROUND ROD GP-28 ST CH-105 +-126 4-126 EVER BC-1005,	HEIGHT 64" 64" 90" 72" 12" 104"	DIMENSIONS WIDTH 59" 62" 12" 72" 120" 13"	DEPTH 10" 9" 11" 7" 8" 14"	WEIGHT 329年 257年 270年 251ま 200年 215年	CLASSIFICAT
RAD I PREPARED	IO SET SCR-555 FOR DIRECTION	FINDING		TOWER AND SHELTER ASSEMBLY TR-25 PACKED IN 1 CHEST CH-135 CONTAINING 3 SHELTER SIDE CONTAINING TOOP SECTION 1 CHEST CH-137 CONTAINING 3 LOWER TOWER LOOK, TOWER LEOS, 1 APER BLOCK, AND 3 WEED 1 CHEST CH-201 CONTAINING FLOOR SECTION 1 CHEST CH-202 CONTAINING 3 BASE SILLS, T LG-23-B, COMPASS TRIPOD LG-14-B, AND AMTENNA WAST ASSEMBLY AN-105 PACKED IN CHEST CH-205 CONTAINING 1 RECEIVER CASINET CS-155 CONTAINING 1 RECEIVER CS-155 CS-155 CONTAINING 1 RECEIVER CS-155 CS-	PART C-PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER ES LARGET TRIPOD GROUND ROD GP-28 ST CH-105 +126 VER 8C-1005, 228	64" 64" 90" 72" 12" 104" 30" 28"	DIMENSIONS WIDTH 59" 62" 12" 72" 120" 13" 54" 26"	DEPTH 10" 9" 11" 7" 8" 14" 36"	WEIGHT 329# 257# 270# 251# 200# 215# 179#	CLASSIFICA
GIVES AURAL NULL OR LEF OPERATOR ROTATES WITH E	FOR DIRECTION T-RIGHT METER EQUIPMENT AT B	FINDING BEARING INDICATION ASE OF TOWER. SAM		TOWER AND SHELTER ASSEMBLY TR-25 PACKED IN 1 CHEST CH-135 CONTAINING 3 SHELTER SIDE 1 CHEST CH-136 CONTAINING 3 SHELTER SIDE 1 CHEST CH-137 CONTAINING 3 LOWER TOWER LE TOWER LEGS, 1 APEX BLOCK, AND 3 WEDGE 1 CHEST CH-201 CONTAINING 3 BASE SILLS, 1 LC-23-B, COMPASS TRIPOD LC-14-B, AND AMTENNA MAST ASSEMBLY AN-105 PACKED IN CHEST PEDESTAL ASSEMBLY T-365 PACKED IN CHEST CRECEIVER CASINET CS-155 CONTAINING 1 RECEIV MISCELLANEOUS ACCESSORIES NOTE: DIMENSIONS AND WEIGHTS SHOWN ARE FOR COMPONENTS PACKED THEREIN.	PART C-PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER ES LARGET TRIPOD GROUND ROD GP-28 ST CH-105 +126 VER 8C-1005, 228	64" 64" 90" 72" 12" 104" 30" 28"	DIMENSIONS WIDTH 59" 62" 12" 72" 120" 13" 54" 26"	DEPTH 10" 9" 11" 7" 8" 14" 36"	329# 257# 270# 251# 200# 215# 194# 170# 552#	CLASSIFICAT
PREPARED GIVES AURAL NULL OR LEF	FOR DIRECTION T-RIGHT METER EQUIPMENT AT B	FINDING BEARING INDICATION ASE OF TOWER. SAM		TOWER AND SHELTER ASSEMBLY TR-25 PACKED IN 1 CHEST CH-135 CONTAINING 3 SHELTER SIDE 1 CHEST CH-135 CONTAINING ROOF SECTION 1 CHEST CH-137 CONTAINING 3 LOWER TOWER LEGS, 1 APEX BLOCK, AND 3 WEDGE 1 CHEST CH-202 CONTAINING 3 BASE SILLS, T LC-23-B, COMPASS TRIPOD LC-14-B, AD AMTENNA MAST ASSEMBLY AN-105 PACKED IN CHEST	PART C-PRINCIPAL (CLASSIFICATION: 5 CHESTS: SECTIONS LEGS, 3 UPPER 25 LEGS, 3 UPPER 25 LARGET TRIPOD CAROUND ROD CP-28 ST CH-125 H-126 LEGR BC-1005, 228 CHESTS, INCLUDING	64" 64" 90" 72" 12" 104" 30" 28"	DIMENSIONS WIDTH 59" 62" 12" 72" 120" 13" 54" 26"	DEPTH 10" 9" 11" 7" 8" 14" 36"	WEIGHT 329# 257# 270# 251# 200# 215# 179#	CLASSIFICAT

THIS SHEET IS CLASSIFIED: RESTRICTED

SCR-561

NOMENCLATURE DESIGNATION NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION GLASSIFICATION.

STATUS:

CHANGE IN

STATUS:

STANDARD
AS COMPONENT OF SCS-2

INSTRUCTIONAL LITERATURE:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) CONTROL SET SCR-561:18 THE OPERATIONS BLOCK OF CONTROL NET SYSTEM SCS-2 AND CONTAINS NO RADIO EQUIPMENT. HOUSED IN BUILDING NOT PART OF CONTROL SET.

NUMBER OF CRYSTALS: NOME

PRESET FREQUENCIES: NONE

ANTENNA: NONE

TUNING: (MO OR XTAL) NONE

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: Power Unit PE-99 (7½ KVA 110V. 3 PHASE 60 GYGLE); ALSO PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.)

SIMILAR SETS: CONTROL SET SCR-642

POWER OUTPUT: (WATTS)

TUBES: (Type and Number) Charger: 1 89018. Repeater EE-99-75: 12 3056T; 12 IN5GT. Tube tester 501-A Suprame: 1 71-A; 1 Neon Bulb. Voltommyst Model 165 RCA: 2 6K6GT; 1 6X5GT. Ballantine Volt Meter 300-A: 1 6J7; 2 6SJ7; 1 6X5GT; 1 6H6; 2 CD-2005. OBGILLOSCOPE 155 RCA: 1 3AP1-906P1; 2 6C6; 2 80; 1 881, Generator 205-A: 1 6S7; 1 6F6; 26SF5; 2 6L6G; 1 5714; 1 6H6.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

USE: CONTROL SET USED AS AN OPERATIONS BLOCK WHICH PROVIDES THE NECESSARY OONTROL EQUIPMENT AND AUXILLIARIES TO PERMIT SIMULTANEOUS OPERATIONAL CONTROL OF UP TO FOUR ALACRAFT SQUADRONS, FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERA-

RANGE: (MILES) SEE SCR-562; SCR-563 ETC.

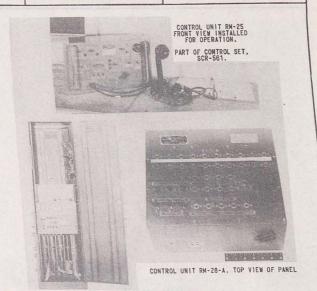
TO COMMUNICATE WITH: RADIO SETS SCR-562, SCR-563; SCR-564; SCR-565; SCR-566, AND SCR-567 AND ALSO WITH AIRCRAFT EQUIPPED WITH RADIO SET SCR-522.

TO REPLACE IN PART: TRANSPORTATION: NOME

TYPE OF SIGNAL: SEE BELOW!

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

17511			DIMENSIONS			WEIGHT	CI ACCIFICATION
ITEM	Titule.	T. Duran	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
1 POWER UNIT PE-99 EACH			55"	28"	50 ⁿ	1600	RESTRICTED
5 CONTROL UNIT RM-25 EACH			20 ⁿ	11 1/4"	11 1/4"	44	RESTRICTED
3 CONTROL UNIT RM-26 EACH			11 7/8"	9" 12"	8 ⁿ	20	RESTRICTED
1 CONTROL UNIT RM-28 1 DISTRIBUTION PANEL BD-102			77 1/4"	24 1/4"	Slin	35	RESTRICTED
6 TELEPHONE REPEATER EE-99 EACH			8m	14 1/2"	11 1/2"	147	RESTRICTED
2 TELEPHONE EE-8 EACH				NATURAL PARTY	017 - EB 1 1 0	9 1/2	RESTRICTED
			24-52				and the Later
COMBINED WEIGHT OF COMPONE	NTC.						
COMBINED VOLUME:	N15:					325 Cu.	The second secon
SHIP TONNAGE:						5 1/4	

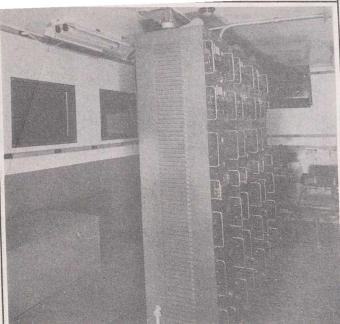


DISTRIBUTION PAMEL 8D-102-A.
FRONT VIEW OF ASSEMBLY
CABINET DOOR OPEN.

CONTROL UNIT RM-26-A, ASSEMBLED. SHOWING PLUG PL-198

RADIO SET SCR-561. PRINCIPAL COMPONENTS.

CONTROL SET SCR-561 CONTAINS NO RADIO EQUIPMENT, BUT, BY INTERCONNECTING WIRE LINES AND REMOTE CONTROL FACILITIES WITH RADIO SETS LISTED, COMMUNICATION IS CARRIED ON WITH THESE STATIONS AND ALSO WITH AIRCRAFT OPERATOR. CONTROL SET SCR-561 IS THE OPERATIONS BLOCK OF CONTROL NET SYSTEM, SCS-2, AND CONTROL NO RADIO EQUIPMENT. HOUSED IN BUILDINGS NOT PART OF CONTROL SET.



TRANSMITTING EQUIPMENT KE-1-A. PART OF RADIO SET SCR-562 LOCATION OF TRANSMITTERS IN TRAILER K-35

SAME AS RADIO SET SCR-632 EXCEPT SEMI-MOBILE. TECHNICAL CHARACTERISTICS: TRANS-MITTER BC-640 HAS PROVISIONS FOR BOTH LOCAL AND REMOTE MODULATION. PLATE VOLTAGE RELAY ACTUATED THROUGH THE MICROPHONE CIRCUIT TO PREVENT CARRIER RADIATION WHEN NOT BEING MODULATED.

SIX (6) INCOMING WIRE LINES ARE BROUGHT INTO THE CONTROL UNIT RM-27 (MONITOR UNIT) AND THEN TO THE INPUT OF THE TRANSMITTER BC-640. THE CONTROL UNIT RM-27 HAS PROVISIONS FOR PATCHING THE INCOMING LINE TO THE SIX (6) TRANSMITTERS, MONITORING AND ADJUSTING THE VOLUME OF THE INCOMING SIGNAL TO THE TRANSMITTER. INTERCOMMUNI-CATION WITH THE OPERATIONS BLOCK IS ALSO PROVIDED. SIX (6) TRANSMITTERS ARE PRO-VIDED BY PATCHING TOGETHER THE TWO (2) TRAILERS K-35.

FREQUENCY RANGE: (Mo) 100-156

NUMBER OF CRYSTALS: FIVE (5) IN USE (FULL CRYSTAL COMPLEMENT WILL BE DETERMINED BY AAF).

PRESET FREQUENCIES: FIVE

ANTENNA: VERTICAL DIPOL MOUNTED ON 901 MAST.

TUNING: (MO OR XTAL) XTAL.

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: POWER UNIT PE-99 (72KVA, 110V 3 PHASE 60 CYCLE); ALSO PROVISION FOR USING COMMERCIAL POWER FROM 110V 2 WIRE SERVICE. SIMILAR SETS: RADIO SETS SCR-632 (FIXED).

POWER OUTPUT: (WATTS) 50 (APPROXIMATELY)

TUBES: (TYPE AND NUMBER) 6-BC-640 TRANS: 8 EACH, UDES: (17PE AND NUMBER) 0-8G-04D TRANS: 0 EACH, (18) 5Z3; 1 EACH (21) 6J5; 3 EACH (18) 1613; 2 EACH (18) 1613; 1 EACH (6) 807; 5 EACH (50) HK2LG. 1-0scilloscope RCA #155: 1-3AP1/906P1; 2-6C6; 2-80; 1-88L; 1-VOLT OHMYST RCA-165: 2-6K6GT; 1-6X5GT. USE: VHF RADIO TRANSMITTING STATION FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. PROVIDES 5 INDEPENDENT CHANNELS OF RADIO TRANSMISSION.

RANGE: (MILES) 135 MILES WITH AIRCRAFT AT AN ALTITUDE GREATER THAN 10,000 FT.

TO COMMUNICATE WITH: CONTROL SET SCR-561 BY TELE-PHONE AND BY RADIO WITH FIGHTER AIRCRAFT EQUIPPED WITH RADIO SET SCR-522.

TO REPLACE IN PART:

TRANSPORTATION: Two (2) TRAILERS. EACH TRAILER K-35 HAS 3 EACH TRANSMITTERS BC-640, MAKING A TOTAL OF 6.

TYPE OF SIGNAL: VOICE MCW

PART C- PRINCIPA	L COMPONENTS
(CLASSIFICATION: R	ESTRICTED)

(CLASSIFICATION:	DIMENSIONS			MEIGHT	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
6 TRANSMITTERS BC-640 (1 SPARE)	72"	21"	20"	515#	A STREET
2 CONTROL UNITS RM-27	19"	11 3/8"	10 1/2"	29#	THE STREET
2 POWER UNITS PE-99	55"	28"	50 st	1600#	THE RESIDENCE
8 ANTENNA EQUIPMENT RC-81	12 ⁿ	28 5/8 ⁿ	38 1/2"	4#	STATE OF THE PARTY
2 TRAILERS K-35 EACH	120"	96"	194	6500#	1000
2 ONE-TON CARGO TRAILERS	72"	72"	1 <u>h</u>	1300 #	PRINC PROLE
4 Antenna AN-56 Each MADE UP - Box 1 Box 2 Box 3 Box 4 Box 5	188" 76 1/2" 13 1/2" 35 1/2" 36 5/8	43 1/2" 91 1/2" 5 1/2" 26 1/2" 34 3/4"	25 3/4" 23 1/2" 147 1/2" 17 1/2" 17 1/2"	2000# 667# 190# 490# 495#	
COMBINED WEIGHT OF COMPONENTS:				43000 LB	5
COMBINED VOLUME OF COMPONENTS:				5100 ou.	FT.
SHIP TONNAGE:			1	21 1/2	TON.

NOMENCLATURE DESIGNATION

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS:

CHANGE IN

STATUS:

INSTRUCTIONAL LITERATURE:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 100 - 156

NUMBER OF CRYSTALS: 5 IN USE (FULL XTAL COMPLEMENT TO BE DETERMINED BY AAF).

PRESET FREQUENCIES: 6 RECEIVERS BC-639 CONTAINED IN SCR-563 ARE NOT CRYSTAL CONTROLLED BUT ARE CALI-BRATED BY MEANS OF THE FREQUENCY METER 80-638. THE FREQUENCY METER IS SET UP FOR 5 CRYSTALS WHICH ARE SELECTED BY MEANS OF A 5-POINT SWITCH. 1 XTAL IS NEEDED FOR EACH FREQUENCY.

ANTENNA: VERTICAL DIPOLES MOUNTED ON 90' MAST. TUNING: (MO OR XTAL) VARIABLE

SENSITIVITY: 2-3 MV/METER 50 MW OUTPUT.

SELECTIVITY: 2 TIMES DOWN LESS 100 Kg. 1000 TIMES DOWN MORE 350 KC. POWER SOURCE: POWER UNIT PE-99 (72 KVA 110V 3 PHASE 60 CYCLE); ALSO HAS PROVISIONS FOR USING COMMERCIAL

POWER FROM A 110V 2 WIRE SERVICE. SIMILAR SETS: SCR-633 (FIXED)

POWER OUTPUT: (WATTS) 1 (DISTORTED). 2w(10% DIS-

TORTION.)
TUBES: (Type and Number) Receiving set for SCS-2.
6 BC-639-A: 18 9003; 6 9002; 24 6SG7; 6 6K6GT;
6 6SQ7. T BC-636-A: 1 5V4G; 1 9002; 2 9003;
1 6L5G; 1 6E5; 1 6SK7. 6 RA-42-A: 6 5V4G.

PART B - TACTICAL CHARACTERISTICS CLASSIFICATION: RESTRICTED

USE: VHF RADIO RECEIVING STATION FOR GROUND CON-TROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. PROVIDES 5 CHANNELS OF RADIO RECEIVING.

RANGE: (MILES) DETERMINED BY OUTPUT OF AIRBORNE TRANSMITTER.

TO COMMUNICATE WITH: CONTROL SET SCR-561 BY TELE-PHONE AND BY RADIO WITH FIGHTER AIRCRAFT EQUIPP-ED WITH RADIO SET SCR-522.

TO REPLACE IN PART:

TRANSPORTATION: 1 TRAILER K-35. 1 ONE-TON CARGO TRAILER.

TYPE OF SIGNAL: RECEIVERS VOICE, TONE MODULATED SIGNAL AND CW.

RECEIVING EQUIPMENT KE-2-A, PART OF RADIO SET SCR-563 OPERATOR'S POSITION.

CONTROLLER LOCATED AT THE OPERATIONS BLOCK (SCR-561) COMMUNICATES WITH PILOT BY MEANS OF THE RECEIVER OF THE SCR-563 OVER WIRE LINE CONNECTIONS.

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
1 TRAILER K-35 1 ONE-TON CARGO TRAILER 6 RECEIVERS BC-639 (1 SPARE) 1 CONTROL UNIT RM-25 8 ANTENNA EQUIPMENT RC-81 2 EACH 1 POWER UNIT PE-99 1 FREQUENCY METER BC-638 6 RECTIFIER RA-42 (1 SPARE) 3 SOCKET PANEL PN-4 1 FUSE PANEL PM-15 4 ANTENNA AN-56 EACH MADE UP: BOX - 1 BOX - 2 BOX - 2 BOX - 3 BOX - 4 BOX - 5	120" 72" 10 1/2" 5" 12" 12" 11 1/2" 7" 10 1/2" 5" 188" 76 1/2" 13 1/2" 35 1/2" 36 5/6"	96" 72" 19" 19" 28 1/2" 28" 19" 19" 19" 19" 19" 19" 15 1/2" 5 1/2" 26 1/2" 34 3/4"	194" 134 1/4" 8 1/2" 38 1/2" 50" 7" 8 1/2" 5 1/8" 5 1/8" 5 1/8" 17 1/2" 17 1/2" 17 1/2"	6500# 1300# 180# 18# 1# 1600# 25# 26# 77 21.# 2000# 667# 190# 190# 1495#	
COMBINED WEIGHT OF COMPONENTS:				29,000 #	
COMBINED VOLUME OF COMPONENTS:				3000 cu.	FT.
SHIP TONNAGE:				14 1/2 T	

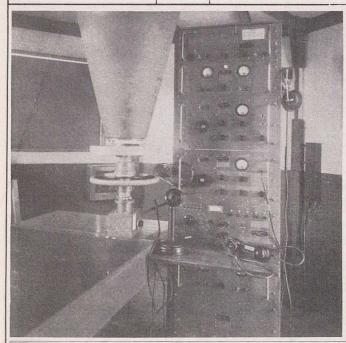
THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE:

STATUS:

STANDAFD
AS COMPONENT OF SCS-2

CHANGE IN
STATUS:



RADIO SET SCR-564 . PART of CONTROL NET SYSTEM SCS-2 Front View of Radio Receiving Equipment RC-78-A And Lower Portion of Antenna Equipment RC-82

*PRESET FREQUENCIES: CRYSTALS ARE CONTAINED IN THE FREQUENCY METER BO-638 USED TO CALIBRATE AND ADJUST THE RECOVE, BC-639. THE RECOVE, BC-639 IS NOT CRYSTAL CONTROLLED, THE FREQUENCY METER BC-638 CAN BE SET UP ON 5 DIFFERENT CRYSTAL CONTROLLED FREQUENCIES AT ONE TIME. THE DESIRED XTAL SELECTED BY A 5-POSITION SWITCH. THE ABOVE PERFORMANCE DATA IS FOR RECOVE, BC-639.

NOTE: SEE INDIVIDUAL SECTIONS
FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION: SCR-564

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mo) 100-156

NUMBER OF CRYSTALS: Two (2) IN USE (COMPLETE XTAL COMPLEMENT TO BE DETERMINED BY AAF)

PRESET FREQUENCIES: Two (2) (SEE BELOW*)

ANTENNA: ADCOCK-DIRECTIONAL D/F WITH SENSE

TUNING: (MO OR XTAL) VARIABLE

SENSITIVITY: 2-3 MICROVOLTS/METER AT 50MW.
SELECTIVITY: 2 TIMES DOWN LESS 100 KC.
1000 TIMES DOWN MORE 350 KC.

POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V. 60 cycle 3 PHASE. ALSO PROVISIONS FOR USING COMMERcial POWER FROM A 110V 2 WIRE SERVICE.

SIMILAR SETS:

POWER OUTPUT: (WATTS) 1 WATT (DISTORTED) W (10%

TUBES: (TYPE AND NUMBER) 1 BC-638 - 1 5V4G; 1 9002; 2 9003; 1 6L5G; 1 6E5; 1 6SK7. 2 BC-639 - 6 9003; 2 9002; 8 6SG7; 2 6SQ7; 2 6K6GT. 2 RA-42 - 2 5V4G.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

USE: SECTOR HOMING D/F STATION FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. BY UTILIZING A SECTOR TRANSMITTER THE D/F OPERATOR HOMES THE AIRGRAFT BY THE "TALK DOWN METHOD".

RANGE: (MILES) DETERMINED BY OUTPUT OF AIRBORNE TRANSMITTER AND HEIGHT OF AIRCRAFT.

TO COMMUNICATE WITH: FIGHTER AIRCRAFT EQUIPPED WITH RADIO SCR-522 BY RADIO AND MITH SCR-561 BY TELEPHONE.

TO REPLACE IN PART:

TRANSPORTATION: NONE

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED SIGNAL AND CW.

PART C - PRINCIPAL COMPONENTS

CATALOGRAPH TOWN IN THE STREET		DIMENSIONS	5	MEIOUT	01 400151045104
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
(PACKED IN 12 BOXE	8 TOTAL 1983 C	U. FT.)	100		
1 Tower TR-17				21,146#	RESTRICTED
1 POWER UNIT PE-99	55"	28"	50"	1600	RESTRICTED
1 SHELTER HO-3	24"	60"	72"	626	RESTRICTED
2 RECEIVERS BC-639	10 1/2"	19"	13 1/4"	36	RESTRICTED
2 RECTIFIER RA-42	7"	19"	8 5/8"	26	RESTRICTED
1 FREQUENCY METER BC-638	11 1/2"	19"	7"	35	RESTRICTED
1 SOCKET PANEL PN-4	10 1/2"	19"	3/8"	7	RESTRICTED
1 FUSE PANEL PN-15	5"	19"	5"	24	RESTRICTED
1 ANTENNA EQUIPMENT RC-82	W H BALL		100	150	RESTRICTED
1 Centrol Unit RM-2L	5"	19"	11"	21	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:			77379	33,500#	
COMBINED VOLUME:				2200 FT.	
SHIP TONNAGE:				16 3/4	344 37 401

THIS SHEET IS CLASSIFIED. RESTRICTED

SCR-565 NOMENCLA DESIGNATION	THE RESERVE OF THE PARTY OF THE			ASSIFICATION		STATUS:	STANDARD AS COMPONENT OF SCS-2	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - T		STRICTED		CHANGE IN STATUS:	N 331483	
FREQUENCY RANGE: (Mc) 100-156 NUMBER OF CRYSTALS: 2 IN USE (COMPLETE XTAL COMPLEMENT TO BE DETERMINED BY AAF) PRESET FREQUENCIES: 2 SEE NOTE # ANTENNA: VERTICAL ADDOOK D/F WITH SENSING FACILITIES. FUNING: (MO OR XTAL) VARIABLE SENSITIVITY: SELECTIVITY: POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V 60 OYOLE 3 PHASE); ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE. SIMILAR SETS: POWER OUTPUT: (WATTS) 1 WATT (DISTORTED) ½ WATT (10% DISTORTION) UBES: (Type and Number) 1 BC-638 - 1 5V4G; 1 9002; 2 9003; 1 615G; 1 6EF; 1 6SK7, 2 BC-639 - 6 9005; 2 9003; 1 615G; 1 6EF; 2 6KGT, 2 RA-42 - 2 5V4G.	RANGE: (TO COMMITTO REPLATED TRANSPORT TYPE OF	PTOR PURSU STEM SCS-2 E USED FOR RORAFT EQU WULTANEOUS THE OPERA JANGULATIO XED. MILES) UNICATE WIT LICATE WIT LICATONE AN RORAFT EQU CE IN PART LITATION: N SIGNAL: R BNAL AND CW	IT OPERATI TWO OR M DETERMINI IPPED WITH BEARINGS FIONS BLOO N, THE POS H: CONTRID IPPED WITH ONE EOGIVES VO	ONS. PART (ONE RADIO S ONG AZIMUTH RADIO SET ARE TAKEN / K (SGR-561) ITION OF TH ONE SET SCR- ON WITH FIGH SCR-522.	NO TELEPHONED) AND BY HE AIRCRAFT IS 561 BY HER MODULATED			
PART C - PRINCIP	PAL COMPO			THE STATE				000
	PAL COMPO	NENTS) DIMENSIONS		WEIGHT	CLASSIFICATIO	2		000
PART C - PRINCIF (CLASSIFICATION: RI	PAL COMPO	NENTS				N		0
PART C - PRINCIF (CLASSIFICATION: RI ITEM (PAOKED IN 12 BOXES)	PAL COMPO ESTRICTED	NENTS) DIMENSIONS WIDTH	DEPTH	WEIGHT	CLASSIFICATIO	N		000
PART C - PRINCIF (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES)	PAL COMPO ESTRICTED	NENTS) DIMENSIONS WIDTH 1983 cu.	DEPTH	WEIGHT 21,146#	CLASSIFICATIO	N		0
PART C - PRINCIF (CLASSIFICATION: RI ITEM (PAOKED IN 12 BOXES) 1 TOWER TR-17: 1 SHELTER HO-3 (KNOCKED DOWN)	PAL COMPO ESTRICTED HEIGHT Total 24"	NENTS) DIMENSIONS WIDTH 1983 cu. 60*	DEPTH FT. 72 ⁸	WEIGHT 21,146# 626#	GLASSIFICATIO RESTRICTED RESTRICTED	N		0
PART C - PRINCIF (CLASSIFICATION: RECONSTRUCTION: RECONSTRUCTI	PAL COMPO ESTRICTED	NENTS) DIMENSIONS WIDTH 1983 cu.	DEPTH	WEIGHT 21,146#	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED	N		
PART C - PRINCIF (CLASSIFICATION: RE ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIO RECEIVING EQUIP. RC-79	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED	N T		
PART C - PRINCIP (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES) TOWER TR-17 SHELTER HO-3 (KNOCKED DOWN) POWER UNIT PE-99 RADIC RECEIVING EQUIP. RC-79 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED	N T		
PART C - PRINCIF (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIC RECEIVING EQUIP, RC-79 1 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED	N T		
PART C - PRINCIP (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIC RECEIVING EQUIP. RC-79 1 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED	N	RADIO SET S	
PART C - PRINCIF (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIC RECEIVING EQUIP, RC-79 1 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED	N	RADIO SET S Operator's P	
PART C - PRINCIF (CLASSIFICATION: RE ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIC RECEIVING EQUIP. RC-79 1 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	WEIGHT 21,146# 626# 1,600 300 150	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED	*PRESS	Operator's P	osition CONTAINED IN THE FREQUENCY METE
PART C - PRINCIP (CLASSIFICATION: RI ITEM (PACKED IN 12 BOXES) 1 TOWER TR-17 1 SHELTER HO-3 (KNOCKED DOWN) 1 POWER UNIT PE-99 1 RADIC RECEIVING EQUIP. RC-79 1 ANTENNA EQUIPMENT RC-82	PAL COMPO ESTRICTED HEIGHT Total 24" 55"	NENTS) DIMENSIONS WIDTH 1983 cu. 60" 28"	DEPTH FT. 72 ⁿ 50 ⁿ	21,146# 626# 1,600	CLASSIFICATIO RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED	*PRESE BC-62 CE17	Operator's p ET FREQUENCIES: CRYSTALS ARE 38 USED TO GALIBRATE AND ADJUS ER BC-639 IS NOT CRYSTAL GONTI	osition CONTAINED IN THE FREQUENCY METI ST THE RECEIVER BC-639. THE RE-

PAGE 88

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED INSTRUCTIONAL LITERATURE: NOTE: SEE INDIVIDUAL SECTIONS NOMENCLATURE CR-566 STATUS: FOR SECTION CLASSIFICATION. DESIGNATION: CHANGE IN PART A-TECHNICAL CHARACTERISTICS PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) (CLASSIFICATION: RESTRICTED) STATUS: MOBILE D/F STATION FOR GROUND CONTROL OF FREQUENCY RANGE: (Mc) 100 - 156 INTERCEPTOR PURSUIT OPERATION. PART OF CON-NUMBER OF CRYSTALS: 9 IN USE (FULL XTAL COMPLE-TROL NET SYSTEM SCS-2. USEC AS A MOBILE MENT TO BE DETERMINED BY AAF) HOMING AND D/F STATION FOR PLANES EQUIPPED WITH RADIO SET SCR-522. PRESET FREQUENCIES: 9 (4 IN BC-624; 4 IN BC-625; 1 IN BC-638). ANTENNA: VERTICAL ADCOCK D/F WITH SENSING FACILI-TIES. RANGE: (MILES) 135 MILES WITH AIRCRAFT AT 10,000 TUNING (MO OR XTAL) BC-624; BC-625; XTAL; BC-639 FEET. VARIABLE. SENSITIVITY: 2-3 MICROVOLTS/METER AT 50 MW. TO COMMUNICATE WITH: CONTROL SET SCR-561 BY TELE-SELECTIVITY: 2 TIMES DOWN LESS 100 KC. PHONE AND BY RADIC WITH FIGHTER AIRCRAFT EQUIP-1000 TIMES DOWN MORE 350 KC. PED WITH RADIO SET SCR-522. POWER SOURCE: STORAGE BATTERY AND POWER UNIT PE-99 (72 KVA 110V 3 PHASE, 60 CYCLE); ALSO PROVISIONS TO REPLACE IN PART: FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE. TRANSPORTATION: ONE (1) TRUCK K-53, 1 TRAILER SINILAR SETS: RADIO SET SCR-575. K-63 (POWER) POWER OUTPUT: (WATTS) TRANSMITTER BC-625 OUTPUT 6 WATTS MINIMUM. TYPE OF SIGNAL: VOICE AND MCW. TUBES: (TYPE AND NUMBER) SEE NOTE # PART C- PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) DIMENSIONS WEIGHT CLASSIFICATION WIDTH DEPTH HEIGHT 1 TRUCK K-53 130" 9611 256" 13,365 # 1 ANTENNA EQUIPMENT RC-83 100 # 72" 1111" 1 ONE-TON CARGO TRAILER 72" 1,300 # 19" 1 RECEIVER BC-639 10 1/2" 13 1/2" 10 1/2" 36 # 1 DYNAMOTOR UNIT PN-100 1 DYNAMOTOR UNIT PE-94 6 1/2" 9" 6 1/2" 36 # 6ⁿ 1 RECEIVER BC-621 15 1/2" 9" 14 1/2# 15 1/2" 9" 1 TRANSMITTER BC-625 16 1/2# MUSILE HOMING EQUIPMENT KE-3-A. PART 5" 19" 8 3/4" 1 CONTROL UNIT RI-18 16# OF RADIO SET SCR-566. RADIO OPERATOR'S POSITION. 1 POWER UNIT PE-99 55" 28 50" 1,600 #

SCR-566 USES RECEIVER BC-639 FOR D/F. CONTAINS COMPONENTS OF SCR-522 FOR COMMUNICATION WITH AIRCRAFT. RADIO COMPONENTS ALSO OPERATE FROM STORAGE BATTERY POWER. D/F ANTENNA IS USED FOR BOTH D/F AND COLLUNI-

*TUBES: (TYPE AND NUMBER) 1 BC-62L-A: 1 9002; 3 9003; 1 12J5GT; 1 12C8; 3 12S67; 1 12AH7GI, 1 BC-625-A: -1 666G; 3 12A6; 2 652-A; 2 6S57. 1 BC-639 - 3 9003; 1 9002; 4 6S47; 1 6K6GI. 1 BC - 655-1 956; 1 A5GI.

1 CONTROL BOX BC- 602

1 USCILLATOR TEST EQUIPMENT RC-93 (8C-655)

COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS: 15,000# APPROXIMATELY

FT. H

5 1/2"

9"

10 1/2"

2 1/2"

6 3/4"

2 #

12 #

2300 cu.

9 TONS

THIS SHEET IS CLASSIFIED RESTRICTED

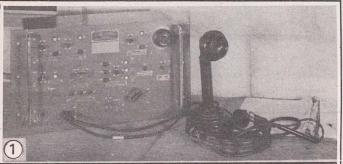
	NCLATURE			STATUS:	STANDARD AS COMPONENT OF SCS-2	INSTRUCTIONAL LITERATURE:		
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		(CLASSIFICATION: RESTRICTED)		CHANGE IN				
FREQUENCY RANGE: (Mc) 100-156 NUMBER OF CRYSTALS: IN USE; 2 IN TRANSMITTER STATION, 2 IN RECEIVER STATION (FULL XTAL COMPLEMENT TO BE DETERMINED BY AAF) PRESET FREQUENCIES: 2 IN TRANSMITTER STATION, 2 IN RECEIVER STATION (FREE, METER) ANTENNA: VERTICAL DIPOLES MOUNTED ON 501 MAST. TUNING: (MO OR XTAL) TRANSMITTERS XTAL-MECEIVER VARIABLE, SENSITIVITY: 2-3 MICROVOLTS/METER AT 50MW. JELECTIVITY: 2 TIMES DOWN LESS 100 KC. PUWER SOURCE: POWER UNIT PE-99 (71/2 KVA 110V PHASE 60 CYCLE); ALSO HAS PROVISION FOR OPERATION ON COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE. SIMILAR SETS: RADIO SET SCR-573 AND SCR-574; ALS RADIO SET SCR-637 (FIXED) POWER OUTPUT: (WATTS) 50 WATTS FROM TRANSMITTER. 1/2 WATT RECEIVER.	RANGE: FEET. TO COM/JU PHONE WITH R TO TO REPLA TRANSPUR TRAILE	TERCEPTOR DATE OF THE PROPERTY	PURSUIT OF SYSTEM SCS DELYING AND EDELYING AND EDELYING AND EDELY OF THE PART	PERATIONS. 5-2 PROVID TRANSMIT D SETS SCR. THE FIGHTE TH AIRCRAI L SET SCR. GHTER AIRCRAI 3, 2 ONE-T	ES 2 INDEPENDENT TING FOR EXTEND- 562 AND SCR-563 R CONTROL SYSTEM FT AT 10,000	RETHOUGH RADIC SET SCR-567 WAS DESIGNED AS A SYSTEM; IT AAN SE USED SETARATELY. 1 RADIO SET RADIO SET SCR-5714. TRANS.STATION CONTAINS 2 TRANS.STATION CHARGES 2 CASCAGE 1-807; 5-HK214; RCA #165 VOLT OHMYSTS 2-646CAG 1-NECON BULB 1/4 WATT. GE TUNGAR CHARGES; 6RB		PART OF RAIO SET SORTSOT. DERATOR'S POSITION
PART C- PRIN (CLASSIFICATIO	CIPAL COMPON	ENTS					Taxable Office	
ITEM		WIDTH	DEPTH	WEIGHT	CLASSIFICATION	MENTE CONTROLLED FORMAR SCR-567 IS EQUIVALENT T NAS-BC-64(0. RECORR STATI BC-639-A; 1-574(g; 1-90 777 1-64661 BC-64(0; bc-64(0; bc-64) 7-581; 1-6251 SUPPREME TUBE 7-381; 1-6E TUBEAR #		
2 TRUCKS K-53 EACH	130"	96"	256"	13,385	RESTRICTED	1-6 1-6		FOCHA
2 UNE-TON CARGO TRAILERS EACH	72"	72 ^{tt}	1414	1,300	RESTRICTED	E Su E Su		7 PM 60
POWER UNIT PE-99 EACH	55"	28"	50"	1,600	RESTRICTED	TROVED	THE REPORT OF THE PARTY OF THE	OFN. T
TRANSMITTERS BC-640 EACH	72 ^H	21"	20"	515	RESTRICTED	NE CONTRACTOR		S S A
2 RECEIVERS BC-639 EACH	10 1/2"	19"	13 1/2"		RESTRICTED	A L L L A A		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FREQUENCY METER BC-638 ANTENNA AN-57 EACH	11 1/2" TOTAL	19" 100 cu.fi	2500	35	RESTRICTED RESTRICTED	FORWARD RELAY ST STATION CONTAIN \$1-9002; 2-9003 1,0 8-523; 1-645 IE TUBE TESTER #5		ANTENNA AN-57. PART OF RADIO SET SCR-567. SHOWING EQUIPMENT SET UP FOR OPERATION.
ANTENNA EQUIPMENT RC-81 EACH	12"	28 1/2"	38 1/2"	4	RESTRICTED	SES CONTE	PERSONAL PROPERTY.	
CONTROL UNITS RM-18 EACH	5"	19"	8"	16	RESTRICTED	BET- NAX		
AMPLIFIER BC-686	12"	19"	11"	36	HESTRICTED	-9003; -9003; -9003;		
RECTIFIER RA-42 EACH	7"	19"	8 1/2"	26	RESTRICTED	5 an an a 2 >	The state of the same of the s	
FUSE PANEL PN-15	5"	19"	5"	24	RESTRICTED	>1: 10-1-		
FUSE PANEL PN-5 RELAY UNIT BC-685	4 3/4"	19" 19"	3 1/2" 14 1/4"	15 46	RESTRICTED	OF MON		
	0 3/4	.,	.4 1/4			100 P TH		
COMBINED WEIGHT OF COMPONENTS:				40,000#	APPROX.	> 86 P		
COMBINED VOLUME OF COMPONENTS:				5,000 Cu		1639 1639		
				20 Tons	н	10-11		

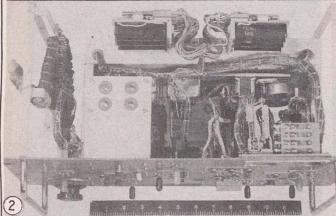
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INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 20 Nov 43	
	CHANGE IN STATUS:		





(1) CONTROL UNIT KM-25. PART OF CONTROL SET SCR-572. INSTALLED FOR OPERATION. (2) CONTROL UNIT RM-25-A, BOTTOM VIEW OF CHASSIS

CONTROL SET SCR-572 IS AN OPERATIONS BLOCK OF A FIGHTER CONTROL SYSTEM AND CONTAINS NO RADIO EQUIPMENT, BUT, BY MEANS OF INTERCONNECTING WIRE LINES AND REMOTE CONTROL FACILITIES WITH THE RADIO SETS LISTED, COMMUN-ICATION IS CARRIED ON WITH THESE STATIONS AND A SO WITH THE AIRCRAFT OP-ERATOR. THIS SET A SO CONTAINS FACILITIES FOR PLOTTING DATA RECEIVED FROM THE D/F STATION SCR-575.

FOR SECTION CLASSIFICATION.

NOTE: SEE INDIVIDUAL SECTIONS

DESIGNATION: PART A-TECHNICAL CHARACTERISTICS

NOMENCLATURE

(CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) THE CONTROL SET SCR-572 IS AN OPERATIONS BLOCK OF A FIGHTER CONTROL SYSTE AND CONTAINS NO RADIO EQUIPMENT.

NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE

ANTENNA: NONE

TUNING: (MO OR XTAL) NONE

SENSITI ITY: SELECTIVITY:

POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V 3 PHASE 60 CYCLE) ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.
SIMILAR SETS: CONTROL SET SCR-642 (FIXED)

POWER OUTPUT: (WATTS)

TUBES: (TYPE AND NUMBER) 3-80-687; 12-25L6.

PART B - TACTICAL CHARACTERISTICS

(CLASSIFICATION: RESTRICTED) USE: CONTROL SET USED AS AN OPERATIONS BLOCK WHICH PROVIDES THE NECESSARY CONTROL EQUIP-MENT AND AUXILLIARIES TO PERMIT SIMULTANEOUS OPERATIONAL CONTROL OF UP TO TWO (2) AIR-CRAFT SQUADRONS FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS.

RANGE: (MILES) MINIMUM OF 135 MILES WITH AIRCRAFT AT 10,000 FT.

TO COMMUNICATE WITH: SCR-573 SCR-574 SCR-575 AND WITH AIRCRAFT EQUIPPED WITH SCR-522

TO REPLACE IN PART:

TRANSPORTATION: TRAILER K-55;12 TON TRACTOR TRUCK; 1 TON CARGO TRAILER.

TYPE OF SIGNAL:

PART C - PRINCIPAL COMPONENTS

AND THE PROPERTY OF THE PARTY O	DIMENSIONS				CLASSIFICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
3 CONTROL UNITS RM-25-EACH	20"	11 1/4"	11 1/4"	111#	
2 CONTROL UNITS RM-26 EACH	11 7/8"	9"	811	20#	Contract of
1 CONTROL UNIT RM-28 EACH	14 1/2"	12"	7"	35#	
3 SWITCHBOARDS BD-72 EACH	12"	12"	211"	68#	
20 TELEPHONE REPEATERS EE-99	8"	14 1/2"	11 1/2"	47#	
1 TRAILER K-55	120"	96"	254"	8500#	
1 ONE-TON CARGO TRAILER (POWER)	72"	72"	144"	2860#	
1 ONE-AND-ONE-HALF TON TRACTOR TRUCK	SLIT	84"	204"	8000#	-51136161
3 RELAY UNIT BC-687	9 ¹¹	19"	121/2"	35#	
COMBINED WEIGHT OF COMPONENTS:		2	Wano-Jan	20,000 L	S.
COMBINED VOLUME:				4.000 c	FT.
SHIP TONNAGE:				10 т	NS

SCR-573

NOMENCLATURE DESIGNATION

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS:

STANDARD 20 Nov 43 INSTRUCTIONAL LITERATURE:

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTEC)

FREQUENCY RANGE: (Mo) 100-156

NUMBER OF CRYSTALS: 2 IN USE (FULL XTAL COMPLE-MENT TO BE DETERMINED BY AAF).

PRESET FREQUENCIES: 2

ANTENNA: VERTICAL DIPOLE MOUNTED ON 761 MAST.

TUNING: (MO OR XTAL) XTAL

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: POWER UNIT PE-99 (72 KVA 110V 60 CYCLE 3 PHASE); ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.

SIMILAR SETS: TRANS. STATION OF SCR-567. POWER OUTPUT: (WATTS) 50

TUBES: (Type and Number) 2-BC640 Trans: 16-523; 8-6J5; 6-1613; 4-811; 2-807; 1C-HK-24G.
I-RCA #155 Oscilloscope: 2-6C6; 2-80; 1-884; 1-3AP1/906-P1. 1-RCA #165 Voltomwyst: 2-6K6GT; 1-6X5GT.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED

USE: Two channel trans, station for the ground control of interceptor pursuit operation, Part of Control Net System SCS-3.

RANGE: (MILES) MINIMUM OF 135 MILES WITH AIPCRAFT AT 10,000 FT.

TO COMMUNICATE WITH: Control Set SCR-572, RADIO SETS SCR-574, 575 AND AIRCRAFT EQUIPPED WITH RADIO SET SCR-522.

TO REPLACE IN PART:

TRANSPORTATION: 1 TRUCK K-53 1 ONE-TON CARGO TRAILER.

TYPE OF SIGNAL: TRANSMITS VOICE AND MCW.



RADIO SET SCR-573 (RADIO TRANSMITTING STATION) PART OF NET CONTROL SYSTEM SCS-3, SHOWING TRAILER K-63 ATTACHED TO TRUCK K-53, PREPARED FOR TRAVELLING.



RADIO SET SCR-573. INTERIOR VIEW SHOWING RADIO TRANSMITTERS BC-640 AND CONTROL UNIT RM-27.

RADIO SET SCR-573 (RADIO TRANSMITTING STATION) IS SIMILAR IN OPERATION TO RADIO SET SCR-562, EXCEPT THAT IT CONTAINS TWO TRANSMITTERS BC-640 INSTEAD OF A TOTAL OF SIX.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

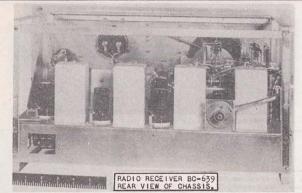
ITEM	1	DIMENSION	S	WEIGHT	CI ACCIFICATION
IIEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
1 TRUCK K-53	130"	96"	256 st	13,385	RESTRICTED
1 TRAILER K-63 (POWER)	72	72	144	2,600	RESTRICTED
2 TRANS. BC-640 EACH	72	21	20	515	RESTRICTED
1 CONTROL UNIT RM-27	11 3/8	19	10 1/2	29	RESTRICTED
1 ANTENNA AN-86	PACKED IN 25 CU.FT.	PACKAGE	S APPROX.	743	RESTRICTED
2 ANTENNA EQUIP. RC-81 EACH	12	28	38	4	RESTRICTED
	The state of		(ALTERNATION OF THE PARTY OF TH	mariatt's	and some in
And the state of t			T. Warner	uni	the second of
10000 0000					THE SHAPE A
COMBINED WEIGHT OF COMPONENTS:			MATERIAL S	17,500# AF	PROX.
COMBINED VOLUME:				2,275 00.	FT. APPROX.
SHIP TONNAGE:				8 3/4 T	PPROX.

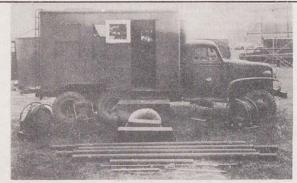
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SCR-574

THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 20 Nov 43
	CHANGE IN STATUS:	





RADIO SET SCR-574. PART OF NET CONTROL SYSTEM SCS-3. VIEW SHOWING REMOVABLE EQUIPMENT CARRIED IN VEHICLE.

RADIO SET SCR-575 CONTAINS 2 RECEIVERS BC-639 FOR SIMULTANEOUS OPERATION. THESE RECEIVERS ARE NOT ORYSTAL CONTROLLED BUT ARE CALIBRATED BY MEANS OF FREQUENCY METER BC-638 WHICH USES 5 CRYSTALS. THE APPROPRIATE ORYSTAL IS SELECTED BY MEANS OF A 5-POINT SWITCH.

FOR SECTION CLASSIFICATION. DESIGNATION:

PART A - TECHNICAL CHARACTERISTICS

(CLASSIFICATION: RESTRICTED

FREQUENCY RANGE: (Mo) 100-156

NOTE: SEE INDIVIDUAL SECTIONS

NUMBER OF CRYSTALS: 2 IN USE (FULL COMPLEMENT TO BE DETERMINED BY AAF).

PRESET FREQUENCIES: VARIABLE (DIAL SETTING CHECK-ED WITH CRYSTAL CONTROLLED FREQUENCY METER.) ANTENNA: VERTICAL DIPOLE MOUNTED ON 761 MAST.

TUNING: (MO OR XTAL)
SENSITIVITY: 2-3mv/meter at 50 MW Signal RATIO
10 to 1.

SELECTIVITY: 2 TIMES DOWN LESS 100 Kg. 1000 TIMES DOWN MORE 350 Kg.

TIMES DOWN MORE 350 KC.

POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V 3 PHASE 60 GYOLE); ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.

COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE. SIMILAR SETS: RECEIVER STATION OF SCR-567 POWER OUTPUT: (Warts) Receiver BC-639 1 watt (Distorted) $\frac{1}{2}$ w (10% distortion).

TUBES: (Type and Number) BC-638: 1-65K7; 1-9002; 2-9003; 1-5VLG; 1-665G; 1-665. BC-639: 1-9002; 3-9003; 1-68G7; 1-6K6GT; L-6SG7. BC-686:3-25L6. RA-LL2: 1-5VLG.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

USE: Two channel receiver station for ground control of interceptor pursuit operations. Part of Control Net System SCS-3.

RANGE: (MILES) MINIMUM OF 135 MILES WITH AIRCRAFT AT 10,000 FT.

TO COMMUNICATE WITH: CONTROL SET SCR-572
RADIO SET SCR-573 AND AIRCRAFT EQUIPPED
WITH SCR-522.

TO REPLACE IN PART:

TRANSPORTATION: 1 TRUCK K-53, 1 ONE-TON CARGO TRAILER.

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED AND C. W.

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

NOMENCLATURE

MULTINELS STOLEN STOLEN STOLEN		DIMENSIONS		WEIGHT	CI ACCITION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
1 TRUCK K-53 1 TRAILER K-63 (POWER) 2 RECEIVERS BC-639 EACH 2 RECTIFIERS RA-42 EACH 1 FREQUENCY METER BC-638 2 CONTROL UNITS RM-18 EACH 2 AMPLIFIER BC-686 EACH 1 FUSE PANEL PN-15 1 FUSE PANEL PN-5 2 FRAMES FM-39 EACH 1 ANTENNA AN-86	130" 10 1/2 7 11 1/2 5 12 5 2 1/2 72 PACKED IN 25 OU.FT.	96" 19 19 19 19 19 19 19 5 19 20 5 19 20 19 20 19 20 19 20 28 28 28 28	256" 13 1/2 8 1/2 7 8 3/4 11 5 4 5/8 3 APPROX. 38 1/2	13,385 2,860 36 26 35 16 36 24 15 121 743	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				16,500# A	PPROX.
COMBINED VOLUME:					FT. APPROX.
SHIP TONNAGE:		Brand		8 1/4 T	APPROX.

SCR-575

NOMENCLATURE DESIGNATION NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS:

INSTRUCTIONAL LITERATURE:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 100-156

NUMBER OF CRYSTALS: 4 IN BC-624; 4 IN BC-625;
5 IN BC-638.

PRESET FREQUENCIES: 4 EACH RECEIVING AND TRANS-MITTING.

ANTENNA: ROTATABLE ADOOCK D/F WITH SENSE FACILITIES.
TUNING: (MO OR XTAL) XTAL ON COMMUNICATIONS R&T.

TUNING: (MO OR XIAL) XIAL ON COMMUNICATIONS REV VARIABLE ON D/F RECEIVER.

SENSITIVITY: 2-3 MICROVOLTS/METER

SELECTIVITY: 2 TIMES DOWN LESS THAN 100 KG.

1000 TIMES DOWN MORE THAN 350 KG.
POWER SOURCE: POWER UNIT PE-99 AND STORAGE BATTERIES;
ALSO OPERATES FROM COMMERCIAL POWER 110V. 2 WIRE.

SIMILAR SETS: SCR-566 AND SCR-645 (FIXED).

POWER OUTPUT: (WATTS) COMMUNICATIONS TRANSMITTERS 6 WATTS MINIMUM.

TUBES: (Type and Number) BC-639; 1-68Q7; 1-6K6GT; 1-9002; 3-9003; 4-68Q7. $\frac{RA-42}{RA-42}$: 1-5V4Q. $\frac{BC-638}{RA-42}$: 1-5V4Q. $\frac{BC-638}{RA-42}$: 1-5V4Q. $\frac{BC-638}{RA-42}$: 1-68K7; 1-5E5. $\frac{BC-624}{RA-42}$: 1-205(3) 1-124R7QT; 3-128G7. $\frac{BC-625}{RA-42}$: 2-832; 3-12A6; 1-6G6G; 2-6SS7. $\frac{BC-687}{RA-42}$: 4-25L6GT. $\frac{RC-92}{RA-42}$: 1-958; 1-1A5GT.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED

USE: MOBILE DIRECTION FINDING STATION FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. USED As D/F STATION FOR OBTAINING BEARING ON AIRCRAFT EQUIPPED WITH RADIO SET SCR-522 FOR PURPOSES OF HOMING AND D/F PLOTTING.

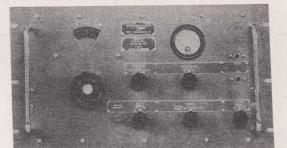
RANGE: (MILES) MINIMUM OF 135 MILES WITH AIRCRAFT AT 10,000 FT.

TO COMMUNICATE WITH: FIGHTER AIRCRAFT EQUIPPED WITH SCR-522.

TO REPLACE IN PART: NONE

TRANSPORTATION: 1 TRUCK K-53, 1 TRAILER K-63 (POWER)

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED AND C.W. TRANSMITS VOICE MODULATION.



PANEL OF RADIO RECEIVER BC-639. PART OF RADIO SET SCR-575.

THE COMPONENTS OF RADIO SET SCR-575 IN-CLUDE 2 RECEIVERS, BC-629, FOR D/F PURPOSES; I RECEIVER, BC-621, AND 1 TRANS-MITTER BC-625, FOR COMMUNICATIONS. ALL SETS USE THE ONE D/F ANTENNA WITH AUTO-MATIC ANTENNA SWITCHING.

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

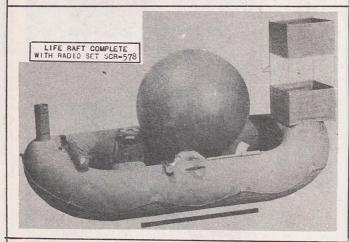
		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
1 TRUCK K-53 1 TRAILER K-63 (POWER) 2 RECEIVERS BC-639 EACH 2 RECTIFIERS RA-L2 EACH 1 FREQUENCY METER BC-638 1. RECEIVER BC-621 1 TRANSMITTER BC-625 1 ANTENNA EQUIPMENT RC-153 1 OSCILLATOR TEST EQUIPMENT RC-93 1 DYNAMOTOR UNIT PE-91 1 FUSE PANEL PN-15 1 FUSE PANEL PN-5 1 DYNAMOTOR UNIT PE-100 1 CONTROL UNIT RM-18 1 CONTROL WINIT RM-18 1 CONTROL PANEL PN-25 1 RELAY UNIT BC-687	130" 72 10 1/2 71 1/2 6 10 1/2 7 7 11 1/2 6 10 1/2 7 5 1/2 6 1 1/4	96" 72 19 19 15 17 15 17 15 17 19 19 19 19 19 19 19	256" 1141 13 1/2 8 1/2 7 9 6 3/4 9 5 5/8 10 1/2 7 7 12 1/2	15,385# 2,860# 26# 35# 114# 16# 150# 124# 1524# 15# 15# 16# 16# 16#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				16,500#	APPROX.
COMBINED VOLUME OF COMPONENTS:				2,272 cu.	FT. APPROX.
SHIP TONNAGE:				8 1/4 T	APPROX.



RADIO SET SCR-575 (RADIO DIRECTION FINDING STATION)
ANTENNA EQUIPMENT RC-153 RAISED IN POSITION.

INSTRUCTIONAL LITERATURE: AN 08-10-94	STATUS:	STANDARD 1 Feb 42	
	CHANGE IN STATUS:		MI SCHOOLS





RADIO SET SCR-578, CARRIED BY BOMBARDMENT AND RECONNAISSANCE AIRCRAFT, ALSO BY SOME AIR TRANSPORT COMMAND AIRCRAFT, OVERWATER FLIGHTS.

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION:

FREQUENCY RANGE: (Mc) INTERNATIONAL DISTRESS FREQUENCY . 500 MODULATED AT 1000 CPS.

NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: PRETUNED TO .500 Mo.

ANTENNA: 300 FT. ANTENNA WIRE W-148, WOUND ON REEL RL-48 AND RAISED BY BALLOON M-278-A OR KITE M-277-A.

TUNING: (MO OR XTAL)

SENSITIVITY:

SELECTIVITY:

POWER SOURCE: BUILT-IN GENERATOR, OPERATED BY HAND CRANK GC-18-A.

SIMILAR SETS: CAPTURED GERMAN "NOT-SENDER".

POWER OUTPUT: (WATTS) 4.8

TUBES: (TYPE AND NUMBER)

1 - BC 778-B TRANS:

1 - 12-A-6 1 - 12-SC-7

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:

USE: PORTABLE TRANSMITTER USED IN RUBBER DINGHIES FOR SEA-RESQUE PURPOSES. SHAPED TO FIT SETWEEN THE KNEES OF AN OPERATOR. IT IS WATERTIGHT AND WILL FLOAT.

RANGE: (MILES) 200 (TO AIRCRAFT AT 2000 FT).

TO COMMUNICATE WITH: SCR-187. SCR-287, RADIO COMPASS SCR-269.

TO REPLACE IN PART:

TRANSPORTATION: AIRCRAFT (PORTABLE TRANS. USED FOR SEA-RESQUE).

TYPE OF SIGNAL: MCW (1000 OPS) AUTOMATIC S.O.S. AND MANUAL KEYING ON FIXED DISTRESS FREQUENCY

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:

CHANGE THE THE CONTROL OF THE CONTRO		DIMENSIONS	WEIGHT	OL ACCIFICATION	
ITEM SO MEDICAL TRACE	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
2 Rolls - 300 FT. EA ANTENNA WIRE W-148				1.1	
1 BAG - HOUSING FOR ACCESSORIES BG-109	39 1/2"	X 7" DIA		3.2	A STATE OF THE PARTY OF THE PAR
1 BAG - HOUSING FOR TRANSMITTER BG-110				1.4	Tree desired .
2 BALLOONS M-278				2.4	
1 HAND CRANK GC-18-				.45	
2 GENERATORS M-315 (HYDROGEN)				5.92	CLASS STREET
2 BALLOON INFLATING TUBES				1.6	
1 KITE M-277				1.45	
1 RADIO TRANSMITTER BC-778	10 1/2"	9 1/2"	9"	15.1	
1 SIGNAL LAMP M-308				.2	
1 PARACHUTE M-276				1.0	
			1		
COMBINED WEIGHT OF COMPONENTS:				35# APPR	ox.
COMBINED VOLUME:	6-11-8-6			3 TO 4 CU	FT. APPROX.
SHIP TONNAGE:	L	-		781	CENTER OF STREET

SCR-583 NOMENCLA DESIGNATION			SEE INDIV			STATUS:	energia de	STANDARD 6 Fee 43	36740	INSTRUCTIONAL LITER.
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	-	PART B - CLASSIFI	TACTICAL (CHARACTE	RISTICS	CHANGE IN STATUS:				
FREQUENCY RANGE: (Mo) 2.2 - 4.6 NUMBER OF CRYSTALS: 4 PRESET FREQUENCIES: 4 ANTENNA: "FISHPOLE" Moving 6', STATIONARY 20'. TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERY FOR REOVE. AND HAND GENERATOR FOR TRANS., OR VEHICLE BATTERY, 6 or 12 V. FOR TRANSMITTER AND RECEIVER. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 1 1SL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RANGE: 6 TO COM TO REP TRANSP	(Miles) MILES ON MUNICATE W LACE IN PA DRTATION:		N LOW POWER CW.	r CW, MAXINUM	TO PROVIDE FOR CW OPERATION ON LOW POWER ONLY	SET SCR-583 -	0		
PART C - PRINCIF (CLASSIFICATION:	AL COMPO	NENTS				ON LOW	-	0		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION		FOR	/	/	
RADIO RECVR. & TRANS. BC-1209 POWER UNIT PE-152 POWER CONVERTER UNIT PE-154 GENERATOR GN-54			- 10 March 1 M		Unclassified	HIGH POWER, AND VOICE	TELD OPERAT	900		
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:				120# 24 cu.ft				6		TV
SHIP TONNAGE:				-						

INSTRUCTIONAL LITERATURE: (HMI) 08-10-123	STATUS:	LIMITED STANDARD 2 Dec 43		NCLATURE NATION:	50	SC	R-	585		
(on SCR-585-A)	CHANGE IN STATUS:	lw sometic	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL (CHARACTE			
			FREQUENCY RANGE: (Mo) 3.5 - 6 (RECEPTION TRANSMISSION) SEE REMARKS. NUMBER OF CRYSTALS: 2	& USE:	USE: DUAL PURPOSE RADIO RECEIVER AND TRANSMITTER DESIGNED FOR TWO-WAY CONVERSATION. TO BE USED IN TOWED BLIDERS THEN TO BE REMOVED AND USED FOR GROUND COMMUNICATION.					
			PRESET FREQUENCIES: 1 EA. TRANSMITTING & ANTENNA: TELESCOPIC ANTENNA 39" LONG.	RECEIVING						
			TUNING: (MO OR XTAL) CRYSTAL							
		ox SET	SENSITIVITY: SELECTIVITY:	RANGE	: (MILES)	100 FT TO	1 MILE.			
	MOUNTING FT-295-B	ATS OF RADIO SET SCR=585 OPERATE ON ONLY ONE FREQUENCY AT A TION ARE ON THE SAME FREQUENCY. RADIO SHALEMENT TO H.	POWER SOURCE: SELF CONTAINED - "A" BATTER (1.5 V), "B" BATTERY BA-38 (103.5 V). SIMILAR SETS: SCR-536	у ва-37	MMUNICATE	WITH: OTH	ER RADIO SI	ETS SCR-585.		
		NCY Y**	POWER OUTPUT: (WATTS)	TO RE	PLACE IN	PART:				
		ON CON CON CON CON CON CON CON CON CON C	TUBES: (Type and Number)	TOANG	DODTATION	0	Trans	PERSONAL PROPERTY.		
		SCR-585 ONE FREQUENTION	1 - BC - 721-A: 2 - 1R5 1 - 1T4 2 - 3S4	TRANS		MUNICATION		DER-TOW PLANE		
		SET SC DNLY OF E SAME COMMULY		TYPE	OF SIGNAL:	VOICE MO	DULATED TR	ANSMISSION.		
		RADIO S	PART C - (Classific	PRINCIPAL COMP	ONENTS					
		OF F RATE NTER	ITEM EMORKAGE		DIMENSION		WEIGHT	CLASSIFICATION		
		TS OOP		HEIGHT	WIDTH	DEPTH				
		TO SS 10	RADIO RECEIVER AND TRANSMITTER BC-721-B	6	5 1/2	17 1/16	6.0			
n		COMPONENTS SUUSTED TO OF TRANSMISSION TREPLACED BY INHE BRITISH.	RADIO CONTROL BOX BC-722-B	1 13/1	5 7/8	3 1/4	.87	No. of the latest		
BC-72	A	TRAN FEPL THE	CONTROL SHAFT MC-355-B				•5			
ECEIV		E 4000	Mounting FT-295-B				3.3			
RADIO RECEIVER AND TRANSMITTER BC-731-8		CONTROL SIM MC-365-B EACH UNIT IS SCE-EPTION AND SCR-ESP BEIND TYPES USED BY								
P		95%	NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTAL BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS V CONSIDERABLE AND THE FIGURES SHOWN ARE THER APPROXIMATE.	ARY						
The state of the s		The state of the s	COMBINED WEIGHT OF COMPONENTS:		100	PER TREE	11 1/2#			
			COMBINED VOLUME:				2 cu.ft.	APPROX.		

SCR-593 NOMENCE DESIGNAT						STATUS:	STANDARD 19 FEB 44	INSTRUCTIONAL LITERATURE: TM 11-859
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - T	TACTICAL CH	HARACTER		CHANGE IN STATUS:	WE BOUGHT	
FREQUENCY RANGE: (Mo) 2.0 - 6.0 (RECEIVER ONLY) NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: 4 (SELECTED BY PUSH BUTTON)	8	& BAR BLN U	INITS.	MBAT UNIT	rs; CAC: AA,			
ANTENNA: VERTICAL ROD. AN-75-A.	O E STEEL							
TUNING: (MO OR XTAL)								
					WIT TOWNS	DATE SEE		
SENSITIVITY. SELECTIVITY:	RANGE: (MILES) TO	RECEIVE SIG	NALS FROM	M SCR-543		/	
POWER SOURCE: SELF. CONTAINED, SIMILAR TO GE PORTABLE RECEIVER MODEL LB-530 BB-54-A VIBRATOR VB-8 & VB-9.	TO COMMU	UNICATE WIT	H: SCR-543;	(SCR-593	RECEIVER ONLY)			
SIMILAR SETS: NONE	TO REPL	ACE IN PAR	T: NONE		CONTROL FAMOR	1		
POWER OUTPUT: (WATTS)			The state of		NATIONAL PROPERTY.			
TUBES: (Type AND NUMBER) 1 BC-728-A -			CARRIED BY					
1 185 1 185 3 174 2 384	TYPE OF	SIGNAL:	VOICE (AM)					
1 185			VOICE (AM)					
1 185 1 185 3 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO			WEIGHT	CLASSISIPATION			
1 185 1 185 3 174 2 384	IPAL COMPO	ONENTS		WEIGHT	CLASSIFICATION	Marie Carterior		
1 185 1 185 3 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	ONENTS) DIMENSIONS		WEIGHT	CLASSIFICATION	A Part Sande Casedas Principal Casedas Principal Casedas		
1 185 1 185 3 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	ONENTS) DIMENSIONS				STREET, STREET, TO SELECT		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	aras bines	And the second s		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	ALIAN DIREK	And the second s		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of particular to the state of the		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of parties of the state of the total of the state of the sta		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of specific or distribution that the second state of the		
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of specific or discountry is no tra- bility and the set was appeared to the state of the past of specific and specific and the set of the the past of specific and the set of the set of the set of the set of the set of the	RADIO SET SCR-593 PREPARE	ED FOR OPERATION
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION:	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of specific or directables that the state of specific or directables and directa	PORTABLE RADIO RECEIVER. ALERT OR V	
1 185 1 185 2 174 2 384 PART C - PRINC (CLASSIFICATION: ITEM RECEIVER, BC-728	IPAL COMPO	DIMENSIONS WIDTH	DEPTH	098.87	arap bines eraps disen	The state of specific or directions in the land of the state of the st		

				THIS SH	EET IS CLASSIFIED: UNCLASSIFIED	ing beat		(0	ROUND SIGNAL	EQUIPMENT:	INTERCEPT RECEIVER
	INSTRUCTIONAL LITERATURE:	STATUS:		E STANDARD AY 42	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURI DESIGNATION:	E LA LICHISTA DE LA CONTRACTOR DE LA CON		SC	R-	607
1	The Appares Mr.	CHANGE IN. STATUS:		HI BOKAHO BUTATS	PART A - TECHNICAL CHARACTER (CLASSIFICATION:	RISTICS		PART B - 1	TACTICAL C	CHARACTE	RISTICS
					FREQUENCY RANGE: (No) 27 145. NUMBER OF CRYSTALS: NONE	Territorial sign	USE:	AN INTERC	EPT RECEIV	ER FOR MO	NITORING
1	1000000	•			PRESET FREQUENCIES: NONE ANTENNA: 3 TIERS, HORIZONTAL DIAPO OF THE 3 BANDS OF RECEIVER/BUOUNTEI TUNING: (MO OR XTAL) DOES NOT API	LES (1 FOR EACH D ON 21-2 MAST.	Cases To				
				3-27	TUNING: (MO OR XTAL) DOES NOT API SENSITIVITY: SELECTIVI			: DOES NO	WITH: DOE	CALL NO	School and
-		1.0	6 6	SCR-607.	POWER SOURCE: 110V A.C. SIMILAR SETS: None	A T DIR PRODUCT		Maria .	ART: NONE		
1			0	AFTERS	POWER OUTPUT: (WATTS) Does NOT AND TUBES: (TYPE AND NUMBER) 2 VT-90 1 VT-	845-458	TRANS	PORTATION:	ANY AVAI	LABLE VEH	IOLE.
-				PART OF RADIO SET	1 VT-94 1 VT- 2 VT-107 1 VT- 2 VT-112 1 VT-	-139 -145 -165 -165 -238		OF SIGNAL:			
-	I I FT	1		BC-787, COMMERC		PART C-PRINCIPA (CLASSIFICATION:	L COMPON	ENTS		Tell Services	
1		(C)	7	VER BC	ITEM	Dienshief	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
-	THE RESIDENCE OF THE PARTY OF T	THE RESERVE OF THE PARTY OF THE	4278000000000000000000000000000000000000					Total Control of the last of	San	Control of the last of the las	The second second second second

The state of the s		DIMENSIONS		WEIGHT	CI ASSISICATION
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RECEIVER BC-787	9 3/8"	19 ⁿ	14"	63#	Mat walk
	360		14	200#	A STATE OF THE STATE OF
ANTENNA RG-154			OSAGE	TOTAL STREET	Constitution of
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME OF COMPONENTS:					

SCR-608 NOMENCLAT DESIGNATION				DUAL SECT		STATUS:	STANDARD 29 Sep 41	INSTRUCTIONAL LITERATURE: TM 11-620
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: USE: Used by Field Artillery, Signal Corps.							
FREQUENCY RANGE: (Mo) 27.0 - 38.9	USE: U	SED BY FIEL	D ARTILLE	RY, SIGNAL	Corps.			
NUMBER OF CRYSTALS: 120								
PRESET FREQUENCIES: 10 (Push-Button Selection)								
ANTENNA: FISHPOLE TYPE.								
TUNING: (MO OR XTAL) CRYSTAL.					TOWNERS CHE	00<		
SENSITIVITY: SELECTIVITY:	RANGE:	(MILES) 10	TO 15 VOI	OE.		ANNEL FO		
POWER Source: 12 or 24 v. VEHICLE BATTERY WITH DYNAMOTORS.	TO COMMU	NICATE WITH	: SCR-608	; SCR-609;	SCR-610;	70 A A A A A A A A A A A A A A A A A A A		
SIMILAR SETS: SCR-508. (Except Frequency BAND)	TO REPLA	CE IN PART:	SCR-161:	SCR-28h:	SCR-19h-	RA	11/2	
POWER OUTPUT: (WATTS) 35		-288 TATION: VE		mail of a	STYL NUMBERS	REMO	RADIO	
TUBES: (Type and Number) BC-683-(A) REOVR: 3 Type 6 AC-7; 1 Type 645; 2 Type 12 SG7; 1 Type 6H6; 1 Type 6465; 2 Type 6 SL7GT. BC-684-(A) TRANS: 7 Type 1619; 1 Type 1624.		SIGNAL: FM		ONLY.		VEHICULAR SET FOR OPERATION BY NORMHELS OF RADIO SET SCR-508 TO ORED FORCE. REMOTE CONTROL.	SET SCR-608	
PART C - PRINCIF (CLASSIFICATION:	AL COMPO	ONENTS				PERMIT	ET I	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION		UP FOR	- 30.00
1 RADIO TRANS. BC-684 2 RADIO RECVR. BC-683				67# 70#(35#EA	O PORTRORS	PEO I AL I S	R OPERATION	14.0
1 Mounting FT-237				44#		ŏ.	<u>o</u>	1.33335
1 REMOTE CONTROL UNIT RM-29				15#		SPECIALIST. INCLUDES TEN		e io
COMBINED WEIGHT OF COMPONENTS:				306#				
COMBINED VOLUME:		E = = 5						
SHIP TONNAGE:					A VINCE THE STATE OF	The state of the s		

		A Section	- Designation	THIS SH	EET IS CLASSIFIED: UNGLASSIFIED	************		(GROUN	D SIGNAL E	QUIPMENT:	GROUND RADI
INSTRUCTIONAL LITERATURE: TM 11-615-A	STATUS:	SECULAL SECULAL	STANDARD 29 SEP 41	SULETE	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	TA JONESM COMMUNICATIONS	DIA.	sc	R-E	509
	CHANGE IN STATUS:				PART A - TECHNICAL CHARACTERIS (CLASSIFICATION:	STICS		PART B - T		CHARACTE	
					FREQUENCY RANGE: (Mo) 27.0 - 38.9 NUMBER OF CRYSTALS: 120	1990 1999	USE:	FA: SHORT		ONNAISSANO	E, FIRE CON
					PRESET FREQUENCIES: 2 ANTENNA: FISHPOLE TYPE AN-29-C					of Service	
	(3)		FOR TAINE	TUNING: (MO OR XTAL) XTAL						
				HA HOO	SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES; BA-39,	lo la	RANGE:	(MILES)	5		
	4	A		E EXC 10 18	SIMILAR SETS: SCR-610 EXCEPT FOR POR		TO COM	MUNICATE W	ITH: SCR-6	608; SCR-60	09; SCR-610;
			8	A S S S S S S S S S S S S S S S S S S S	POWER OUTPUT: (WATTS) 2	250-100	TO REP	LACE IN PA	RT: SCR-16	1; SCR-19L	; SCR-284;
A STATE OF THE PARTY OF THE PAR		4/1 1	RAT	T SC WELL	TUBES: (TYPE AND NUMBER) 1 BC-659-A 5 1LN5	L PALIFER OF					
			OPE	ARE O SE	2 1291	TAXABURDANT	TRANSP	ORTATION:	VEHICLE,	OR MAN PAC	K.
C		W	R FIELD	CR-610 S. RADI	1 1294	wats 30 Jayy	TYPE 0	F SIGNAL:	VOICE (F	м)	
			T UP FO	ABLE OF 9 AND S ATTERIE	PA (CLA	ART C - PRINCIPA	L COMPO	ONENTS			
			SE	V S LON	ITEM	948419		DIMENSIONS	DEPTH	WEIGHT	CLASSIFICAT
			609	SCF		Talk Table	HEIGHT	WIDTH	DEPTH		
	· A		SCR-609	SETS -609 TE F	RECVR. & TRANS. BC-659			1		0-00 mm	IT A SHEEDING
	No.		ET	SCR SCR	CASE CS-79 (FOR BATTERIES)					34 Find y	and State
	Det .		0 8	SET COS	REMOTE CONTROL UNIT RM-29	Translate I				1000	The way wanter
and o			RAD	CAS						the street to	wind affects
4				RAC LER				THE REAL PROPERTY.	Alatin	strate agent	\$1×00 3000
				PLY S							
	6	1		L D C C C C C C C C C C C C C C C C C C							
				2 × × ×							

COMBINED WEIGHT OF COMPONENTS:

COMBINED VOLUME:

SHIP TONNAGE:

170#

1.3 OU. FT.

SCR-610 NOMENCLA DESIGNATION				IDUAL SEC		STATUS:	STANDARD 29 Sep 41	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -		CHARACTE	RISTICS	CHANGE IN STATUS:		
FREQUENCY RANGE: (Mo) 27.0 - 38.9 NUMBER OF CRYSTALS: 120	USE:	CWS: SMOK FORWARD OB AND INTRA-	SERVERS,	AND FOR INT	ON OFFICERS			
PRESET FREQUENCIES: Two PRE-SET XTAL CONTROLLED OHANNELS.						AR I		
ANTENNA: FISHPOLE TYPE. AN-29-C AND VEHICULAR WHIP. TUNING: (MO OR XTAL) XTAL	RANGE: (MILES) 5					ISTS.	1 TOO TO	
SENSITIVITY: SELECTIVITY:						T SCR.	10 TA	
POWER SOURCE: DRY BATTERIES; POWER UNIT PE-117 SIMILAR SETS: SCR-609 (EXCEPT FOR ADDED POWER	то со	MMUNICATE V	WITH: SCR-	608; SCR-60	09; SCR-610;	-610 SO PO OTE C	MILLI	
POWER OUTPUT: (WATTS) 2	TO RE	PLACE IN PA	ART: SCR-1	61; SCR-19	ı; SCR-284;	PORTABL CONTRO	0	L. Ma
TUBES: (TYPE AND NUMBER) 1 80-659 USES: 5 1LN5; 2 1291; 4 1299; 1 1LH4; 1 1294; 1 1LC6. 1 PE-117 USES: 1 VR-90-30; 1 CK1005.	AND THE CONTRACT OF THE PROPERTY OF THE PROPER					SET SCR-610, SET A PORTABLE SET, CA BLE AS ONE-MAN LO ROLLED.		20
PART C - PRINCIPA (CLASSIFICATION: RES	AL COMP	ONENTS				APAB		
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	E OF W		
RECVR. & TRANS. BC-659 PLATE SUPPLY UNIT PE-117				STEELED OF ST	or country	FOR MOBILE OPERATION SLE OF BEING CARRIED OPERATION DOES NOT A	KIN	
Mounting FT-250				Paginus S	BINE STREET	S NOT	, , , ,	
REMOTE CONTROL UNIT RM-29						D REC		
CASE CS-79 (FOR BATTERIES).						RADIO SET SCR-610, SET UP FOR MOBILE OPERATION RADIO SET SCR-610 IS A PORTABLE SET, CAPABLE OF BEING CARRIED IN VEHICLE OF FIELD ARTILLERY, ALSO PORTABLE AS ONE-MAN LOAD, OPERATION DOES NOT REQUIRE RADIO SPEC- IALISTS, REMOTE CONTROLLED.	W T	
COMBINED WEIGHT OF COMPONENTS:				177#		Electric Control		
COMBINED VOLUME:				1.3 OU.FT			destruction of the second of the	M 38 M 10 M 1
SHIP TONNAGE:					region describe			

THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE:	STATUS:	rose and		NCLATURE SNATION:	ar No	SC	R- 6	319
	CHANGE IN STATUS:	10-7016H	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)			ACTICAL C		RISTICS
	TYPE; DEVELOPMENT TYPE; SERVICE TEST MODELS. SHOWN IN ILLUSTRATION.		FREQUENCY RANGE: (Mo) 27 - 38.9 NUMBER OF CRYSTALS: 22 PRESET FREQUENCIES: 2 ANTENNA: TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: SIMILAR SETS: SCR-609; SCR-610. POWER OUTPUT: (WATTS) 2 TUBES: (Type and Number) 1 1R5 2 185 5 3A5 1 1A3	RANGE TO COI TO REF	PLACE IN PA	Approx. 5 IITH: SCR-6 IRT: SCR-60 Man Oarr LLERY VEHIC	08; SCR-610; SCR-610	09; SCR-628. 0. L PACK, OR
		RADIO SET SCR-619 UP FOR FIELD OPERATION ASSIFIED AS REQUIRED YPE, FOR PRODUCTION OF	PART C - (CLASSIFICA	- PRINCIPAL COMPO	NENTS			
		SET FIEL OR P.	ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION
	0-0	RADIO SET SCR-619 SET UP FOR FIELD OPERATION RADIO SET SCR-619 is OLASIFIE OR A REQUIRED LIMITED PRODUREMENT TYPE, FOR PRODUCTION OF AFTER TEST OF EXPERIMENTAL LABORATORY MODEL	(IN DEVELOPMENT STAGE - COMPONENTS NOT YET DEFINITELY DETERMI				25#	
	V		COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:		NOT T	O EXCEED	27#	
			SHIP TONNAGE:					STREET SOR

THIS SHEET IS CLASSIFIED RESTRICTED

INSTRUCTIONAL LITERATURE: SCR-624 NOMENCLATURE NOTE: SEE INDIVIDUAL SECTIONS STANDARD STATUS: DESIGNATION FOR SECTION CLASSIFICATION. 31 MAR 43 (HMI) AN 08-10-185 (ON SCR-624-A) PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) PART B - TACTICAL CHARACTERISTICS CHANGE IN (CLASSIFICATION: RESTRICTED STATUS: FREQUENCY RANGE: (Mc) 100 - 156 USE: POINT-TO-POINT ON GROUND, GROUND STATION OR GROUND-TO-AIR COMMUNICATIONS. NUMBER OF CRYSTALS: 8 PRESET FREQUENCIES: 4 PRESET CHANNELS, BOTH TRANS. & RECVR. ANTENNA: "J" ANTENNA ON 50 FT. MAST. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: RANGE: (MILES) LINE-OF-SIGHT, MAXIMUM OF 130 MILES GROUND-TO-AIR. POWER SOURCE: GASOLINE ENGINE DRIVEN GENERATOR TO COMMUNICATE WITH: SCR-522; SCR-542, AND SIMILAR VHF AIRCRAFT COMMAND SETS. 110 V. AC. SIMILAR SETS: USES SAME TRANSMITTER AND RECEIVER COMPONENTS AS SCR-522 AND SCR-542. TO REPLACE IN PART: POWER OUTPUT: (WATTS) 6 WATTS VOICE. TUBES: (Type and Number) 1-BC-624A Recvr: 1-1245GT; 1-126G; 1-9002; 3-9003; 1-12AH7GT; 3-128G7: 1-BG 625A TRANS: 2-832; 3-12A6; 1-666G; 2-6SS7. 1-RA 62 RECTIFIER: 2-5U4G; 1-6X5 GT. TRANSPORTATION: AIR TRANSPORTABLE, AND TRUCKS. 0 TYPE OF SIGNAL: VOICE PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) DIMENSIONS CLASSIFICATION ITEM WEIGHT HEIGHT WIDTH DEPTH S FOR 1 CHEST CH-173-A 34" 16 3/4" 13 3/4" 134# 34M 1 CHEST CH-172-A 16 3/4" 13 3/4" 205# 41# 1 CHEST CH-170-A 47 1/4" 14 3/8" 6 3/8" 1 ANTENNA MAST MA-7-A, CONSISTING OF: 12" 1 STRAP CRATE (50 FT. PLYWOOD MAST) 111 16 1/2" 152# 1 STAYS BOX 16 3/4" 23 3/4" 12 1/4" 121 # 1 SPARE PARTS BOX 27" 13 1/2" 11ⁿ 45# 36" 1 POWER UNIT PE-75 19 1/2" 26 1/2" 322# COMBINED WEIGHT OF COMPONENTS: 1020 LBS. COMBINED VOLUME OF COMPONENTS:

PAGE 104

SHIP TONNAGE:

THIS SHEET IS CLASSIFIED: RESTRICTED

	STATUS: STANDARD 22 SEP 42	FOR SECTION CLASSIFICATION. DESIGN	AATION:	9	UII	-625
TM 11-1122 (SCR-625-A,B,C,D,E)	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)	j.	PART B - TACTICA (CLASSIFICATION:	L CHARACTE	RISTICS
AMPLIFIER BC		FREQUENCY RANGE: (Mo) NUMBER OF CRYSTALS:	USE:	USED FOR DETECT PERSONNEL LAND		AND ANTI-
	DETECTOR SET SCR-625 PRINCIPAL COMPONENTS	PRESET FREQUENCIES: 1 Ko. ANTENNA:	1			
RESONATOR . M-356-D		TUNING: (MO OR XTAL) MO	RANG	E: ABOUT 2 FT.		or ear Income.
CONTROL BOX BC-II40-D	SEARCH COIL C-446-D	SENSITIVITY: SELECTIVITY: POWER SOURCE: 2 EA. BATTERY BA-30; 1 EA. B BA-36.	BATTERY TO C	OMMUNICATE WITH:		
()		SIMILAR SETS: NONE	TO R	EPLACE IN PART:		
BAG BG-151-0		POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1EA. 1G6GT; 2 EA. VT-146 (1N5GT)	TRAN	SPORTATION: PORT	ABLE BY 1 MAN	SANTE RESIDE
斯里斯斯斯斯斯斯斯斯	HANDLE M-350-D			OF SIGNAL: VISU AUDIBLE INDICATI LEFT SHOULDER OF	ON IN RESONAT	ON METER;
9.		PART C-P (CLASSIFICA	PRINCIPAL COMPON	NENTS	Technol	
		(CLASSIFIGA	ATION:) DIMENSIONS	WEIGHT	CI ASSIFICATIO
e.)	WEIGHT	CLASSIFICATIO
		(CLASSIFIGA	ATION:) DIMENSIONS	WEIGHT	
	DETECTOR SET SCR=625	(CLASSIFICA	HEIGHT	DIMENSIONS WIDTH DEPT	H	UNCLASSIFIE
e .	DETECTOR SET SCR-625 USED FOR LOCATING ANTI-TANK AND	(CLASSIFICA ITEM AMPLIFIER BC-1141	HEIGHT	DIMENSIONS WIDTH DEPT	5#	UNCLASSIF1
	USED FOR LOCATING ANTI-TANK AND ANTI-PERSONNEL LAND MINES, PHOTO SHOWS FRONT VIEW OF DETECTOR IN	ITEM AMPLIFIER BC-1141 CHEST CH-156	1¼ " 28 1/¼") DIMENSIONS WIDTH DEPT 6 " 5" 5" 8 1/4" 15"	5# 23#	Unclassifi Unclassifi Unclassifi
	USED FOR LOCATING ANTI-TANK AND	CCLASSIFICA ITEM AMPLIFIER BC-1111 CHEST CH-156 CONTROL BOX BC-11140	114 " 28 1/4" 7 ") DIMENSIONS WIDTH DEPT 6 " 5" 8 1/4" 15" 7 " 5"	5# 23# 3#	UNOLASSIFI UNOLASSIFI UNOLASSIFI UNOLASSIFI
	USED FOR LOCATING ANTI-TANK AND ANTI-PERSONNEL LAND MINES, PHOTO SHOWS FRONT VIEW OF DETECTOR IN	CLASSIFICA ITEM AMPLIFIER BC-1141 CHEST CH-156 CONTROL BOX BC-1140 HANDLE M-350	1¼ " 28 1/¼" 7 " 28 1/2"	DIMENSIONS WIDTH DEPT	5# 23# 3# 12oz,	UNGLASSIFIE UNGLASSIFIE UNGLASSIFIE UNGLASSIFIE
	USED FOR LOCATING ANTI-TANK AND ANTI-PERSONNEL LAND MINES, PHOTO SHOWS FRONT VIEW OF DETECTOR IN	CLASSIFICA ITEM AMPLIFIER BC-1141 CHEST CH-156 CONTROL BOX BC-1140 HANDLE M-350 RESONATOR M-356 SEARCH COIL C-446	1¼ " 28 1/¼" 7 " 28 1/2" 3 "	DIMENSIONS WIDTH DEPT	5# 23# 3# 120z. 30z. 3#	UNGLASSIFIE UNGLASSIFIE UNGLASSIFIE UNGLASSIFIE
	USED FOR LOCATING ANTI-TANK AND ANTI-PERSONNEL LAND MINES, PHOTO SHOWS FRONT VIEW OF DETECTOR IN	CLASSIFICA ITEM AMPLIFIER BC-1141 CHEST CH-156 CONTROL BOX BC-1140 HANDLE M-350 RESONATOR M-356	1¼ " 28 1/¼" 7 " 28 1/2" 3 "	DIMENSIONS WIDTH DEPT	5# 23# 3# 12oz. 3oz. 3#	CLASSIFICATIO UNCLASSIFIE UNCLASSIFIE UNCLASSIFIE UNCLASSIFIE

SCR-628 NOMENCL DESIGNAT		N FOR SECTION CLASSIFICATION.				STATUS:	STANDARD 29 SEP 41	25.00.00	INSTRUCTIONAL LITERATURE: TM 11-620
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - CLASSIFI		CHARACTE	RISTICS	CHANGE IN STATUS:	*	a-3500-02 361674	Barrat Salarat at
FREQUENCY RANGE: (Mo) 27 - 38.9 NUMBER OF CRYSTALS: 120 PRESET FREQUENCIES: 10 INSTANTANEOUS SELECTION WHILE MOVING OR MALTED. ANTENNA: FISHPOLE TYPE. VEHICULAR. TUNING: (MO' OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT VEHICULAR BATTERY. SIMILAR SETS: SCR-528 (DIFFERENT FREQUENCY) SCR-608 BUT WITH ONLY ONE RECEIVER. POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) 2 6AC7 1 BC-683 - 1 6J5 2 123G7 1 6H6 1 6V6GT 2 6SL/GTT	RANGE: TO COI TO REA	AND CONTRO AND FIRE-D OATION. : (Miles) MMUNICATE W SCR-628, PLACE IN PA	MOVING - 1 IITH: SCR-6	O MILES; H	D AT WARNING RE CONTROL TRA-BN COMMUNI- IALTED - 15 MILES 19; SCR-610;	FOR OPERATION ON VOICE BY			
PART C - PRINCI (CLASSIFICATION: RE	PAL COMPO	DNENTS			or the large of the last	RADIO SET			0000
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION	SCR-4	* 1		7/12
TRANS. BC-684 RECVR. BC-683 MOUNTINE FT-237 ANTENNA MAST BASE MP-48 REMOTE CONTROL UNIT RM-29.	1h ^a	14.5°	≥f*a	190#	THE STATE OF THE S	HOT RADIO SPECIALISTS.	Alleria Alegan Volto		
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:					4 13-4				
SHIP TONNAGE:					DESCRIPT RIVER				

		THIS	SHEET IS CLASSIFIED: RESTRICTED
INSTRUCTIONAL LITERATURE:	STATUS:	Flints	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION GLASSIFICATION.
	CHANGE IN STATUS:	08.30%AA 2.0808	PART A - TECHNICAL CHARAC (CLASSIFICATION: RESTRICT
			FREQUENCY RANGE: (Mo) 100 - 15 NUMBER OF CRYSTALS: 5 IN USE (F
A CENTE		A TAND WAND	OOMPLEMENT WILL BE DETERMINED PRESET FREQUENCIES: 5
		NAGOUT, O SET, O SET, OF THE OCK.	ANTENNA: VERTICAL DIPOLE MOUNTE
國家語		APP.	TUNING: (MO OR XTAL) XTAL.

RADIO S

TECHNICAL CHARACTERISTICS GATION: RESTRICTED GE: (Mo) 109 - 156

STALS: 5 IN USE (FULL ORYSTAL WILL BE DETERMINED BY AAF).

ICAL DIPOLE MOUNTED ON 901 MAST.

SENSITIVITY: SELECTIVITY:

POWER SOURCE: POWER UNIT PE-99 (72 KVA 110V 3 PHASE 60 GYOLE); ALSO PROVISION FOR USING COMMERCIAL POWER FROM 110V 2 WIRE SERVICE.

SIMILAR SETS: SCR-562

POWER OUTPUT: (WATTS) 50 (APPROXIMATELY)

TUBES: (TYPE AND NUMBER) 6-BC-640 TRANS: 8 EACH, (48) 523; 4 EACH (24) 6J5; 3 EACH (18) 1613; 2 EACH (12) 811; 1 EACH (6) 807; 5 EACH (30) HK24G. 1-0scilloscope RCA #155: 1-3AP1/906P1; 2-6C6; 2-80; 1-884. 1-VOLT OHMYST RCA-165: 2-6K6GT; 1-6X5GT.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED

USE: VHF RADIO TRANSMITTING STATION FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. PROVIDES 5 INDEPENDENT CHANNELS OF RADIO TRANSMISSION.

RANGE: (MILES) 135 MILES WITH AIRCRAFT AT AN ALTITUDE GREATER THAN 10,000 FT.

TO COMMUNICATE WITH: CONTROL SET SCR-561 BY TELEPHONE AND BY RADIO WITH FIGHTER AIRCRAFT EQUIPPED WITH RADIO SET SCR-522.

TO REPLACE IN PART:

TRANSPORTATION:

TYPE OF SIGNAL: VOICE AND MCW.

PART C- PRINC (CLASSIFICATION		D)			
SCHOOL OF THE SECTION		IMENSIONS	WEIGHT	CI APPIEICATION	
ITEM TO THE THE PARTY OF THE PA	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION
			Course	P3 Q40(-50	DOMESTICAL TO
6 TRANSMITTERS BC-640 (1 SPARE)	72"	21"	20 ¹⁸	515#	o postero
2 CONTROL UNITS RM-27	19"	11 3/8"	10 1/2"	29#	AND THE RESERVE
2 POWER UNITS PE-99	55"	28"	50"	1,600#	to the state of the
8 ANTENNA EQUIPMENT RC-81	12"	28 5/8"	38 1/2"	4#	TANKS AND THE STREET
4 ANTENNA AN-56 EACH MADE UP: BOX 1 BOX 2 BOX 3 BOX 4 BOX 5	188" 76.1/2" 13.1/2" 35.1/2" 36.5/8"	43 1/2" 91 1/2" 5 1/2" 26 1/2" 34 3/4"	25 3/4" 23 1/2 147 1/2" 17 1/2" 17 1/2"	2,000# 667# 190# 490# 495#	
COMBINED WEIGHT OF COMPONENTS:				24,500#	
COMBINED VOLUME OF COMPONENTS:		All the second	Torse I-base	900 cu.FT	
SHIP TONNAGE:				12 1/4 T.	

NOMENCLATURE

DESIGNATION:

STATUS:

CHANGE IN STATUS:

NOTE: SEE INDIVIDUAL SECTIONS

FOR SECTION CLASSIFICATION.

SCR-633	NOMENCLATURE DESIGNATION
PART A - TECHNICAL CHARACTERIST (CLASSIFICATION: RESTRICTED	
FREQUENCY RANGE: (Mc) 100-156	
NUMBER OF CRYSTALS: 6 IN USE (FULL XTAL TO BE DETERMINED BY AAF).	COMPLEMENT
PRESET FREQUENCIES: 6 RECEIVERS. BC-639 (SCR-563 ARE NOT ORYSTAL CONTROLLED BUT BRATED BY MEANS OF THE FREQUENCY METER THE FREQUENCY METER IS SET UP FOR 5 OR: ARE SELECTED BY MEANS OF A 5-POINT SWI'S IS NEEDED FOR EACH FREQUENCY.	BC-638.
ANTENNA: VERTICAL DIPOLES MOUNTED ON 90	MAST.
TUNING: (MO OR XTAL) VARIABLE	
SENSITIVITY: 2-3 V/METER 50 MW OUTPUT.	Sak a et a
SELECTIVITY: 2 TIMES DOWN LESS 100 Kc.100 MORE 350 Ko.	OO TIMES DOWN
POWER SOURCE: POWER UNIT PE-99 (7½ KVA 1: 60 cycle); ALSO HAS PROVISIONS FOR US POWER FROM A 110V 2 WIRE SERVICE.	ING COMMERCIAL
SIMILAR SETS: SCR-563 POWER OUTPUT: (WATTS) 1 (DISTORTED) 1 W 10% I TUBES: (Type and Number) Receiving Set F: 6 BC-659-A: 18 9003;6 9002;24 6SG7;6 6: 1 BC-658-A: 1 5V4G; 1 9002; 2 9003; 1 6: 1 6SK7. 6RA-42-A: 6 5V4G.	DE SCS-2

	PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)
USE:	VHF RADIO RECEIVING STATION FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS. PART OF CONTROL NET SYSTEM SCS-2. PROVIDES 5 CHANNELS OF RADIO RECEIVING.
RANGI Tr.	E: (MILES) DETERMINED BY OUTPUT OF AIRBORNE ANSMITTER.
TE	OMMUNICATE WITH: CONTROL SET SCR-561 BY LEPHONE AND BY RADIO WITH FIGHTER AIRCRAFT UIPPED WITH RADIO SET SCR-522.
TO RE	EPLACE IN PART:
TRANS	SPORTATION:

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED SIGNAL AND CW.

	Showing			(in			Water
The same	RADIO SET SCR-633 . PART of CONTROL NET STSTEM SCS-2 Showing Front 3/4 View of Radio Receiving Equipment and Communications Panel Installed in Dugout Shelt		RADIO SET SCR-633 I SCR-563 EXCEPT THAT IN FIXED BUILDINGS, THE RADIO SET.		面	4	TO L THE D
DATE 9-25-43	4 View o		O SET SCR-633 563 EXCEPT THAT TXED BUILDINGS, RADIO SET.		. 0		
	RADIO f Radio		40				
SIGNAL CORPS GROUND	SET SCR Receivi		NO				
CORPS	-633 . 1 ng Equil		THE SAME AS T IS HOUSED NOT PART OF				j.
CBOIN	PART of pment an		1	7			
SIGNAL	RADIO SET SCR-633 . PART of CONTROL NET SYSTEM SCS-2 Radio Receiving Equipment and Communications Panel I.			1		0	
- 11	NET SYS			I		8 8 0	8 8 (
CEBUICE	STEM SCS	4					0
	3-2 Instal			\mathcal{L}^{\S}			
7E /O 11211 0H	led in				, C		An one and
	Dugout	X	V	1			
	Shelt		Value				

INSTRUCTIONAL LITERATURE:

	LOTINOT	DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATIO
6 RECEIVERS BC-639 (1 SPARE)	10 1/2"	19"	13 1/4"	36#	
1 CONTROL UNIT RM-23	5"	19"	8 1/2"	18#	
8 ANTENNA EQUIPMENT RC-81	12"	28 1/2"	38 1/2"	14#	- Avan S
1 POWER UNIT PE-99	55"	28"	50"	1600#	
1 FREQUENCY METER BC-638	11 1/2"	19"	7"	35#	
6 RECTIFIER UNITS RA-42 (1 SPARE)	7"	19"	8 1/2"	26#	3 3 3 3
3 SOOKET PANEL PN-4	10 1/2"	19"	3 1/8"	7#	AND THE REAL PROPERTY.
1 Fuse Panel PN-15 4 Antenna AN-56 each made up: Box 1 Box 2 Box 3 Box 4 Box 5	5" 188" 76 1/2" 13 1/2" 35 1/2" 36 5/8"	19" 43 1/2" 91 1/2" 5 1/2" 26 1/2" 34 3/4"	5" 25 3/4" 23 1/2" 147 1/2" 17 1/2" 17 1/2"	21 ₄ # 2000# 667# 190# 1490# 1495#	

PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

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SHIP TONNAGE:

COMBINED WEIGHT OF COMPONENTS:

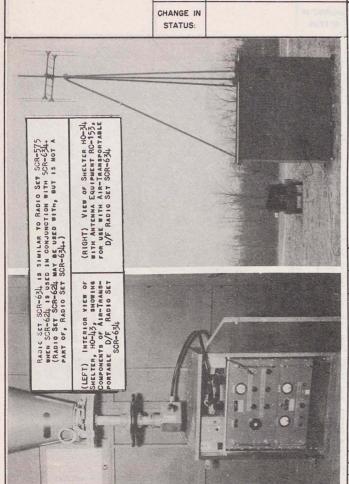
COMBINED VOLUME OF COMPONENTS:

THIS SHEET IS CLASSIFIED: RESTRICTED

19,500#

9 3/4 T.

700 cu . FT.



STATUS:

INSTRUCTIONAL LITERATURE:

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION. NOMENGLATURE DESIGNATION: SCR-634

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 100 - 156

NUMBER OF CRYSTALS: NONE

PRESET FREQUENCIES: BY RECEIVER CALIBRATION DIAL. TRANSMITTER BC-655 (TARGET). ANTENNA: ADDOOK-DIRECTIONAL D/F WITH SENSING.

TUNING: (MO OR XTAL) VARIABLE.

SENSITIVITY: 2-3 MICROVOLTS/METER AT 50 MW

SELECTIVITY: 2 TIMES DOWN LESS 100 KC, 1,000 TIMES DOWN MORE THAN 350 KC.

POWER SOURCE: POWER UNIT PE-75 2.5 KVA, 110 VOLTS SINGLE PHASE 60 CYCLES OR POWER UNIT PE-214, 300 Wart 120 VOLTS, SINGLE PHASE 60 CYCLE (BOTH GASOLINE ENGINES).

1 5V4G

1 958 1 1A5GT

TRANSMITTER: BC-655, TARGET

SIMILAR SETS: SCR-565

POWER OUTPUT: (WATTS) 1 (DISTORTED) 1/2 (10% DISTORTION).

TUBES: (Type AND NUMBER)
RECEIVER BC-639: RECTIFIER RA-42

1 6SQ7 1 6K6GT

1 9002 3 9003 4 6SG7 PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

(CLASSIFICATION: TIESTITIC | ELI | CLASSIFICATION: TIESTITIC | ELI | CLASSIFICATION: TRANSPORTABLE SELF-CONTAINED FIELD OPERATED RADIO DIRECTION FINDER (D/F) STATION USED PRIMARILY WITH OTHER UNITS OF THE SAME KIND AS A FIXED D/F STATION OR AS A HOME D/F STATION WHEN RADIO SET SCR-621 IS ADDED. ALL EQUIPMENT IS HOUSED IN SHELTER HO-31-A.

RANGE: DETERMINED BY OUTPUT OF AIRBORNE TRANS-MITTER.

TO COMMUNICATE WITH: FIGHTER AIRCRAFT EQUIPPED WITH RADIO SET SCR-522.

TO REPLACE IN PART:

TRANSPORTATION: Designed as an Air Transportable VHF Direction Finder Station.

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED SINGAL AND C.W.

PART C- PRINCIPAL COMPONENTS

ANTHOR AND AN ADDRESS OF THE ANALYSIS OF THE A		DIMENSION				
TEM TOTAL TO	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	
1 RECEIVER BC-639	10 1/2"	19"	13 1/4"	36#	r muchand- S	
1 RECTIFIER UNIT RA-42	7 "	19"	8 1/2"	26#	E LIGHT DATE S	
1 ANTENNA EQUIPMENT RC-153-B			- grant I	298#	100, 100 Feb. 5	
1 TRANSMITTER BC-655 (TARGET)	10 1/2"	9"	6 3/4"	13#		
1 POWER UNIT PE-75 OR PE-214	40 "	19"	27 1/2"	300#	all selections and the	
1 SHELTER HO-34	64 "	90"	84 11	625#	Y I WE HAVE T	
1 CONTROL UNIT RM-38	7 3/4"	61/2	6 "	5 • 5#	· ·	
	Ari Line					
COMBINED WEIGHT OF COMPONENTS:					(APPROXIMATELY	
COMBINED VOLUME OF COMPONENTS:		Man 2 7 6		311 Cu.	FT. (APROX)	
SHIP TONNAGE:					TRANSPORTABLE	

SCR-637	NOMENC DESIGNA			E: SEE IND			STATUS:				INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTER (CLASSIFICATION: RESTRICTED			PART B	- TACTICAL	RESTRICT	TERISTICS (ED)	CHANGE IN STATUS:			minus meta	
FREQUENCY RANGE: (Mc) 100 - 156 NUMBER OF CRYSTALS: IN USE: 2 IN TRAINED TO THE PROPERTY OF T	STATION, 2 II	ION E	OF INTE OF CONT INDEPEN MITTING SETS SC PART OF ANGE: (MIL 10,000 FT	ERCEPTOR P TROL NET S NDENT CHAN 3 FOR EXTE CR-562 AND F THE FIGH ES) 135 MI ATE WITH: AND BY RA	URSUIT OPE YSTEM SCS- NELS RECEI NDING THE SCR-563 W TER CONTRO	GROUND CONTROL RATIONS, PART 22 PROVIDES 2 VING AND TRANS- RANGE OF RADIO HEN USED AS L SYSTEM. AIRCRAFT AT SET SCR-561 BY IGHTER AIR-	REQUEST OF THE AAC. *TUBES: (TYPE AND NUM 1-6L50,1-6E5, 1-68Y, B 7-1673; 2-871; 1-807; 5 ER #504-A: 1-71-A, 1-NO	RADIO REC TOP VIEW			ANTENNA RO-01-A
POWER SOURCE: POWER UNIT PE-99 (7½ KVA 60 CYCLE); ALSO HAS PROVISION FOR OP COMMERCIAL POWER FROM A 110V 2 WIRE SIMILAR SETS: SCR-573, SCR-574; ALSO SPOWER OUTPUT: (WATTS) 50 WATTS FROM TR ½ WATT RECEIVER.	TE	O REPLACE I	ION: FIXED		r SCR-522.	UMBER) RA-12: 1. BC-639-A:3-900 5-HK21G; RGA # VEON BULB 1/4 W	ER BC-639 CCHASSIS THE SAME AS			CA	
TUBE: (TYPE AND NUMBER) SEE NOTE *	RT C- PRINCIPA		YPE OF SIGN	VAL: VOICE	E AND MCW.	-150	508-567 -5046. 3; 1-90 165 Vol	CR-567			. BMA
(CL	ASSIFICATION:	ESTRICT					1 02;	EXC			
ITEM	PERMIT	HEIGHT	WIDTH	DEPTH	WEIGHT	GLASSIFICATION	S DEN 686: 14-68	EPT H			RAD
2 POWER UNIT PE-99 EACH 2 TRANSMITTERS BC-640 EACH 2 RECEIVERS BC-639 EACH 1 FREQUENCY METER BC-638 2 ANTENNA AN-57 EACH 4 ANTENNA EQUIPMENT RC-81 EACH 2 CONTROL UNITS RM-18 EACH 2 AMPLIFIER BC-686 EACH 2 RECTIFIER RA-12 1 FUSE PANEL PN-15 1 FUSE PANEL PN-5 1 RELAY UNIT BC-685	TOTAL	72" 10 1/2" 11 1/2" 11 1/2" 12" 12" 12" 12" 12" 3/4" 8 3/4"	28" 21" 19" 19" 0 ow. FT. 28 1/2" 19" 19" 19" 19" 19" 19"	50" 20" 13 1/2" 7 38 1/2" 8 1/2" 8 1/2" 5 1/2" 14 1/4"	1,600 ######### 51565350 4666 2,500 4666 2045 11666 2045 1046 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 2045 10466 1046	L dan accept of a control of a	REQUEST OF THE ARE NUMBER) RA-L2: 1-5V46. BC-686: 3-2516. BC-638-A: 1-5V46: 1-6455; 1-687: BC-639-A: 1-5V56: BC-686: 3-2516. BC-638-A: 1-5V46: 1-605; 1-687: 1-607:	RM-18-A. FRONT VIEW			RADIO TRANSMITTER BC-940. INTERIOR ASSENBLY
COMBINED WEIGHT OF COMPONENTS:					16,000 #	APPROXIMATELY	7 AT THE 7 AT THE 9002;2-90 4-6J5; TUBE TEST		Marian Residence		
COMBINED VOLUME OF COMPONENTS:		1	111111111111111111111111111111111111111	Landing:	900 CU.FT	APPROXIMATELY	2003				
SHIP TONNAGE:					8 Tons	APPROXIMATELY					

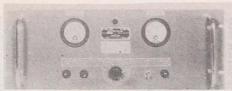
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THIS SHEET IS CLASSIFIED: RESTRICTED

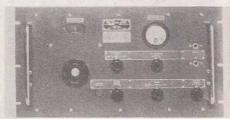
THIS SHEET IS CLASSIFIED: RESTRICTED

	STATUS: STANDARD 20 Nov 43	NOTE: SEE INDIVIDUAL SECTIONS NOMENO DESIGNA	CLATURE ATION:		SCI	R-6	542		
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)					
	(LEFT) CONTROL EQUIPMENT FOR SCR-642.	FREQUENCY RANGE: (Mo) THE CONTROL SET SCR-64 IS AN OPERATIONS BLOOK OF A FIGHTER CONTROL SYSTEM AND CONTROLS OF A FIGHTER CONTROL SYSTEM AND CONTROLS OF A FIGHTER CONTROL SYSTEM AND CONTROL OF A FIGHTER NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: NONE TUNING: (MO OR XTAL) NONE SENSITIVITY: SELECTIVITY: POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V PHASE 60 GYOLE) ALSO HAS PROVISIONS FOR US COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE SIMILAR SETS: CONTROL SET SCR-572. POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 3-BC-687; 12-25L6.	RANGE: 73 TO COL SCF FIG. TO REF TRANSF	PROVIDES TO AUXILLIARI AL CONTROL FOR GROUND OPERATIONS	MINIMUM OF FT. 1711: RACI 574, OR SC LEPHONE AN	ARY CONTRIBUTE TWO (2) A DF INTERCE F 135 MILE CO. SET SCR. CR. CR. CR. CR. CR. CR. CR. CR. CR.	O WITH		
Total Transport									
		PART C - F (CLASSIFICAT	PRINCIPAL COMPO	DNENTS					
	(ABOVE)	PART C - F (CLASSIFICATI	ION: RESTRICTE	DIMENSIONS WIDTH	DEPTH	WEIGHT	CLASSIFICATION		
	(ABOVE) TELEPHONE REPEATER EE-99. CASE COVI	(CLASSIFICAT)	ION: RESTRICTE	DIMENSIONS		WEIGHT	CLASSIFICATION		
	TELEPHONE REPEATER EE-99. CASE COVE	(CLASSIFICAT)	HEIGHT	DIMENSIONS WIDTH	DEPTH		CLASSIFICATION		
	TELEPHONE REPEATER EE-99. CASE COVE	(CLASSIFICATION ITEM 3 CONTROL UNITS RM-25 EACH	HEIGHT	DIMENSIONS WIDTH 11 1/4"	DEPTH 11 1/4"	<u>1,1,#</u>	CLASSIFICATION		
	TELEPHONE REPEATER EE-99. CASE COVE	GLASSIFICATI ITEM 3 CONTROL UNITS RM-25 EACH 2 CONTROL UNITS RM-26 EACH	HEIGHT 20 " 11 7/8"	DIMENSIONS WIDTH 11 1/4" 9 "	DEPTH 11 1/4 ⁿ 8 "	կկ# 20#	CLASSIFICATION		
CONTROL UNIT RM-26,	TELEPHONE REPEATER EE-99. CASE COVE	(CLASSIFICATION ITEM 3 CONTROL UNITS RM-25 EACH 2 CONTROL UNITS RM-26 EACH 1 CONTROL UNIT RM-28	HEIGHT 20 " 11 7/8" 14 1/2"	DIMENSIONS WIDTH 11 1/4" 9 " 12 "	DEPTH 11 1/4" 8 " 7 "	ЦЦ# 20# 35#	CLASSIFICATION		
CONTROL UNIT RM-26,	TELEPHONE REPEATER EE-99. CASE COVE	GLASSIFICATI ITEM 3 CONTROL UNITS RM-25 EACH 2 CONTROL UNITS RM-26 EACH 1 CONTROL UNIT RM-28 3 SWITCHBOARDS BD-72 EACH	HEIGHT 20 " 11 7/8" 14 1/2" 12 "	DIMENSIONS WIDTH 11 1/4" 9 " 12 " 12 "	DEPTH 11 1/4" 8 " 7 " 24 "	ЦЦ# 20# 35# 68#	CLASSIFICATION		
CONTROL UNIT RM-26, ASSEMBLED. SHOWING PLUS PL-198	TELEPHONE REPEATER EE-99. CASE COVE	COMBINED WEIGHT OF COMPONENTS:	HEIGHT 20 " 11 7/8" 114 1/2" 12 " 8 "	DIMENSIONS WIDTH 11 1/4" 9 " 12 " 12 " 11 1/2"	DEPTH 11 1/4" 8 " 7 " 24 " 11 1/2"	44# 20# 35# 68# 47#	As Assessment of the second se		

SCR-643 NOMENO DESIGNA			SEE INDI			STATUS:	STANDARD 20 Nov 43	INSTRUCTIONAL LITERATURE:		
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)			TACTICAL FICATION:	CHARACT		CHANGE IN STATUS:	en Apidate,			
FREQUENCY RANGE: (Mo) 100-156 NUMBER OF CRYSTALS: 2 IN USE (FULL XTAL COMPLEMENT TO BE DETERMINED BY AAF).	USE:	TWO CHANNE CONTROL OF PART OF CO	INTERCEP	TOR PURSUI	T THE GROUND T OPERATION. S-3.		Target par ad total	RADIO TRANSMITTER BC-640		
PRESET FREQUENCIES: 2 ANTENNA: Vertical Dipole Mounted on 76' Mast. TUNING: (MO OR XTAL) XTAL								REAR VIEW OF INTERIOR ASSEMBLY		
SENSITIVITY: SELECTIVITY:	RANGE:	(MILES)	MINIMUM OF	135 MILE	S WITH AIRCRAFT		NA AN-86 FOR USE WITH			
POWER SOURCE: POWER UNIT PE-99' (72 KVA 110V of cycle 3 Phase); also has provisions for using commercial power from a 110V 2 wise service. SIMILAR SETS: Trans. station of SCR-567, POWER OUTPUT: (Watts) 50	TO COM	MUNICATE W	VITH: CON O SET SCR- CR-645 BY	TROL SET S	CR-572 OR SR-644, AND BY RADIO	(SHOWI	NTROL SYSTEM, SCS-3, NG MAST ERECTED)			
TUBES: (TYPE AND NUMBER) SCR-643 Uses: 16-523 2-606 8-635 2-80 6-1613 1-884 4-811 1-3AP1/906P1 2-807 2-6K6 GT 10-HK24 1-6 X 5 GT.	TO R	EPLACE IN SPORTATION OF SIGNAL		TS VOICE	AND MCW.					
PART C - PRINC (CLASSIFICATION:		NENTS		3				The last		
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION			Architecture .		
2 TRANS. BC-640 1 CONTROL UNIT RM-27	72"	21"	20"	515	RESTRICTED			FT		
	11 3/8	. 19	10 1/2	29	RESTRICTED			3 Ashahi (Majaasaa)		
1 ANTENNA AN-86	PACKED IN	5 PACKAGE	S APPROX.	743	RESTRICTED					
2 ANTENNA EQUIP. RC-81	12	28	38	4	RESTRICTED					
						CAME AS I	DADLO SET SCR-E72 EVERY LOUGH	AN OUNCE NOT DES		
COMBINED WEIGHT OF COMPONENTS:			1	3,000# A	PPROX.	RADIO SET	RADIO SET SCR-573 EXCEPT HOUSE	1-573 WAS DEMOBILIZED TO RAD		
COMBINED VOLUME:				450 cu.F	T. APPROX.	MITTERS E	3C-640 FOR SIMULTANEOUS OPERAT	THIS SET CONTAINS 2 TRAN		
SHIP TONNAGE:				1 1/2 T	APPROX.	STEAD OF	SCR-562 EXCEPT THAT IT CONTA	INS 2 TRANSMITTERS BC-640,		



RECTIFIER RA-42. FRONT VIEW



RADIO RECEIVER BC-639. FRONT VIEW



FREQUENCY METER BC-638. FRONT VIEW SHOWING CRYSTAL COMPARTMENT COVER REMOVED

RADIO SET SCR-644 IS THE SAME AS SCR-574 EXCEPT HOUSED IN BUILD-INGS NOT PART OF THE RADIO SET. A QUANTITY OF RADIO SETS SCR-574 WAS DEMOBILIZED AS RADIO SETS SCR-644 AT THE REQUEST OF THE AAF.

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION. NOMENGLATURE DESIGNATION: SCR-644

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mo) 100-156

NUMBER OF CRYSTALS: 2 IN USE (FULL COMPLEMENT TO BE DETERMINED BY AAF).

PRESET FREQUENCIES: VARIABLE (DIAL SETTING CHECK-ED WITH CRYSTAL CONTROLLED FREQUENCY METER.)

ANTENNA: VERTICAL DIPOLE MOUNTED ON 76' MAST.
TUNING: (MO OR XTAL)

SENSITIVITY: 2-3MV/METER AT 50 MW SIGNAL RATIO 10 To 1.

SELECTIVITY: 2 TIMES DOWN LESS 100 Kg. 1000 TIMES DOWN MORE 350 Kg.

POWER SOURCE: POWER UNIT PE-99 (7 KVA 110V 3 PHASE 60 CYCLE); ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.

SIMILAR SETS: RECEIVER STATION OF SCR-567.

POWER OUTPUT: (WATTS) RECEIVER BC-639 1 WATT DISTORTED & W 10% DISTORTION.

TUBES: (TYPE AND NUMBER) BC-638: 1-68K7; 1-9002; 2-9003;1-594g:1-6156;1-6E5. BC-659:1-9002; 3-9003;1-68G7; 1-6K6GT; 4-68G7. BC-686: 3-2516. RA-42: 1-574G.

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED

USE: Two channel receiver station for ground control of interceptor pursuit operations. Part of Control Net System SCS-3.

RANGE: (MILES) MINIMUM OF 135 MILES WITH AIRCRAFT AT 10,000 FT.

TO COMMUNICATE WITH: CONTROL SET SCR-572 OR SCR-642, RADIO SET SCR-573 OR SCR-643 BY TELEPHONE AND BY RADIO WITH FIGHTER AIRCRAFT EQUIPPED WITH SCR-522.

TO REPLACE IN PART:

TRANSPORTATION:

TYPE OF SIGNAL: RECEIVES VOICE, TONE MODULATED

PART C - PRINCIPAL COMPONENTS

DINE REPARE	0	IMENSIONS		WEIGHT	OL ACCUTICATION	
THE THE PARTY OF THE PARTY OF THE PARTY.	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	
2 RECEIVERS BC- 639 EACH 2 RECTIFIERS RA-42 EACH	10 1/2"	19" 19	13 1/2" 8 1/2	36 26	RESTRICTED RESTRICTED	
1 FREQUENCY METER BC-638 2 CONTROL UNITS RM-18 EACH 2 AMPLIFIER BC-686 1 FUSE PANEL PN-15 1 FUSE PANEL PN-5 2 FRAMES FM-39 EACH 1 ANTENNA AN-86 2 ANTENNA EQUIPMENT RC-81	11 1/2 5 12 5 2 1/2 72 PACKED IN 25 OU.FT.	19 19 19 19 19 20 5 PACKAGES 28 1/2	7 8 3/4 11 5 4 5/8 APPROX. 38 1/2	35 16 36 24 15 121 743	RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED RESTRICTED	
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME:				2,500# AP		
SHIP TONNAGE:				1 1/4 T	APPROX.	

SCR-645 NOMENCE DESIGNAT			SEE INDIV			STATUS:			INSTRUCT	IONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mo) 100-156	USE:	(CLASSIF	TACTICAL FICATION: RE	STRICTE!))) TION FOR GROUND	CHANGE IN STATUS:		CHARGE IN		
NUMBER OF CRYSTALS: 4 IN BC-624; 4 IN BC-625; 5 IN BC-638. PRESET FREQUENCIES: 4 EACH RECEIVING AND TRANSMITT	NG.	PART OF D/F STAT	CONTROL NE	T SYSTEM S	IT OPERATIONS. CS-3. USED AS ARING ON AIR- T SCR-522 FOR LOTTING.					
ANTENNA: ROTATABLE ADDOOR D/F WITH SENSE FACILITIES TUNING: (MO OR XTAL) XTAL ON COMMUNICATIONS R&T.					S WITH AIRCRAFT				*	
VARIABLE ON D/F RECEIVER.	AT	10,000 FT	· Elizabet	- Cache In		SHOW!	3030		\- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7
SELECTIVITY: 2-3 MICROVOLTS/METER. SELECTIVITY: 2 TIMES DOWN LESS THAN 100 Kg. 1000 TIMES DOWN MORE THAN 350 Kg.	1	CR-642. RA	WITH: CO	R-573 OR S	SCR=572 OR CR=643 BY HTER AIRCRAFT	WING PROCEDURE OF REMOVING RADIC SET SCR-645 IS TO INVEHICLE. INSTEAD OF IN VEHICLE. SCR-645 AT THE REQUEST	WED DO B			FUSE PANEL PN-15.
POWER SOURCE: Power Unit PE-99 AND STORAGE BATTER ALSO COMMERCIAL POWER 110 VOLT 2 WIRE.	THE REAL PROPERTY.	REPLACE IN	PART: No	E		SCR		. 1		PN-
SIMILAR SETS: SCR-566 AND SCR-575 POWER OUTPUT: (WATTS) COMMUNICATIONS TRANSMITTER 6		NSPORTATIO				OF R		VI		
TUBES: (TYPE AND NUMBER) BC-639: 1-6847; 1-6866T; 1-9002; 3-9003; 4-6867. RA-42: 1-5848. BC-638: 1-9002; 2-9003; 1-5848; 1-6558; 1-6887; 1-6858. BC-628: 1-9002; 2-9003; 1-71-2958; 1-1208; 1-	687 TYP	E OF SIGNA ND CW. TR	L: RECEIVE	S VOICE,	TONE MODULATED	IG CASE. HE SAME A QUAN OF THE				FRONT VIEW
PART C-PRINCIP (CLASSIFICATION:	RESTRICT	ENTS				S SCR TY OF RMY A	BO - BOS			
ITEM	HEIGHT	DIMENSIONS	DEPTH	WEIGHT	CLASSIFICATION	IR SOF		N PROPERTY BATTLE		
2 RECEIVERS BC-639 EACH 2 RECTIFIERS RA-42 EACH 1 FREQUENCY METER BC-638	10 1/2"	19" 19" 19" 15 1/2" 15 1/2"	13 1/2" 8 1/2"	36# 26# 35#	ENGLISH E	SHOWING CRYSTAI AS SGR-575 EXCEPT HOUSED TITY OF SGR-575-SETS WERE ARMY AIR FORCES.				ALTERNATION OF THE PARTY OF THE
1 Receiver BC-62h 1 Antenna Equipment RC-153	6" 6"	15 1/2" 15 1/2"	7" 9" 9"	35# 14 1/2# 16 1/4#	TOTAL PROPERTY OF	T HOUETS W	REQUE		RECTIFIER	0
OSCILLATOR TEST EQUIPMENT RC-93	10 1/2" 7" 5" 2 1/2" 6 "	9 " 13" 19"	6 3/4 "	12# 36# 2L#	ed jostala 5 laŭvidos 5	JSED IN VERE DE	NCY HE			
FUSE PANEL PN-5 DYNAMOTOR UNIT PE-100 CONTROL UNIT RM-18 CONTROL PANEL PN-25	6 1/4"	9" 13" 19" 19" 19" 19"	9" 5" 4 5/8" 10 1/2" 8 3/4"	150 # 12# 36# 21# 15# 16# 16#	AND COURTS	IN TOWER TR-17 DEMOBILIZED AS	ER BC-6	11	RA-42. FRONT	
1 RELAY UNIT BC-687 1 Tower TR-17 1 SHELTER HO-3	PACKED IN	19" 12 BOXES 60"	8 3/4" 7" 12 1/2" 1983 ou.F	21,146 626	Francis :	ER	A FRONT		ONT VIEW	
COMBINED WEIGHT OF COMPONENTS:			SALE SALE	24.000#	APPROXIMATELY	REMOVED.	VIEW	©.		
COMBINED VOLUME OF COMPONENTS:					FT. APPROX.	ED.				
		1000	The second second	12 TON	APPROXIMATELY	The fact of		THE RESIDENCE AND DESCRIPTION		No. of the last of

THIS SHEET IS CLASSIFIED:

INSTRUCTIONAL LITERATURE:

STATUS:

STANDAFD
28 JUL 43

CHANGE IN
STATUS:



PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (Mo.) 3.8 - 6.5

NUMBER OF CRYSTAL: 2

PRESET FREQUENCIES: 2

NOTE: SEE INDIVIDUAL SECTIONS

FOR SECTION CLASSIFICATION.

ANTENNA: 15' WHIP AN-123, 124.
TUNING: (MO OR XTAL) BOTH

SENSITIVITY: SELECTIVITY:

POWER SOURCE: 6 or 12 V VEHICLE BATTERY WITH VIBRATOR UNIT PE-237, HAND GENERATOR GN-57 FOR FIELD USE OR BATTERY BA-48 FOR RECVE.ONLY. SIMILAR SETS:

POWER OUTPUT: (WATTS) VEHICLE OPERATION A1-25, A3-7; FIELD OPERATION A1-20, A3-5.

TUBES: (Type and Number) 1 Trans.: 2 3A4; 1 HY65; 1 TS70; 1 VR105-30. 1 REOVR.: 3 1T4; 1 1R5; 1 1S5; 1 3Q4. PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)

USE: INFANTRY; PARACHUTE; MOUNTAIN & AIRBORNE TROOPS.

RANGE: (MILES) STATIONARY CW-30; VOICE-15; MOVING CW-15; VOICE-7.

TO COMMUNICATE WITH: SCR-284; SCR-511; SCR-536.
TO REPLACE IN PART: SCR-284.

TRANSPORTATION: VEHICLE OR MAN PACK.

TYPE OF SIGNAL: CW; VOICE (AM).

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)

NOMENCLATURE

DESIGNATION:

CONTRACTOR THOUSANTEM	DESIGNATION.			IMENSION	S	WEIGHT	CLASSIFICATION
THE PARTY OF THE P	of Strains	Total Tribles	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
VIBRATOR UNIT PE-237		P00.50	14 1/2"	9"	4 - 5"	27# (REOVR. & TRANS. ONLY)	Contraction Contra
GENERATOR GN-57							
COMBINED WEIGHT OF COMPONENTS							
COMBINED VOLUME:						TO MAKE	ov a statistic
SHIP TONNAGE:							SAFET SALE

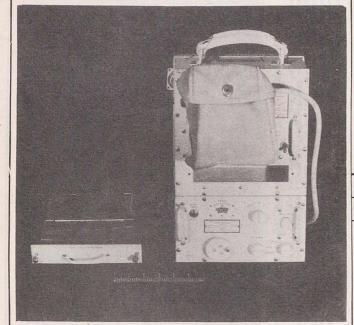
	ENGLATURE GNATION		SEE INDIVI			STATUS:	STANDARD 2 Nov 43	INSTRUCTIONAL LITERATURE:
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B -	TACTICAL O	CHARACTER	RISTICS	CHANGE IN	To September 1	
REQUENCY RANGE: (Mc) 1.25 - 40 UMBER OF CRYSTALS: HAS GRYSTAL FILTER	USE:		PT RECEIVER		NICATION	OTATOO.		
RESET FREQUENCIES: NONE								
NTENNA:	DANIC	E. Dore	NOT APPLY.					
	HANG	L. DUES	NOT APPLIE			of Carlo		
JNING: (MO OR XTAL) DOES NOT APPLY		COMMUNICAT	E WITH:					
NSITIVITY: 1 MICROVOLT INPUT TO RECEIVER.	то г	REPLACE IN	PART:					
OWER SOURCE: 115/230 VOLT 50 - 60 CYCLES AC	TRAI	SPORTATIO	N: IN VEH	ICLE OR PL	NE.	70		
IMILAR SETS: SCR-244	A. OT					RADIO		
OWER OUTPUT: (WATTS) Does not apply.	TYPE	UF SIGNA	L: AM & CV	· Lander		O SET		
PART C-PRI (CLASSIFICATIO	INCIPAL COMPON	ENTS				SCR-704 FRONT		为為
ITEM	And C	DIMENSION		WEIGHT	CLASSIFICATION	VIEW	0 1	
	HEIGHT	WIDTH	DEPTH			1		
						(n		
		-				SHOW		
ADIO RECEIVER BC-794	12.25"	23"	16.5"	70#	net M. Jakonii	SHOWING		
	12.25"	23" 13"	16.5"	70# 39#	ne de source	ING	10) 9
						ING		
RADIO RECEIVER BC-794 POWER SUPPLY UNIT RA-94						SHOWING COMPONENTS		
						ING		

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THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: RESTRICTED

INSTRUCTIONAL LITERATURE: NOTE: SEE INDIVIDUAL SECTIONS STATUS: CHANGE IN STATUS:



RADIO SET SCR-714-AW. FRONT VIEW. SPARE TUBE COMPARTMENT REMOVED

No military requirement advanced for this set. Receiver is same as used in development model of Radio Set SCR-694, and was produced in small quantity for special purpose as Radio Set SCR-714-AW.

FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 3.8 - 6 (RECEIVER ONLY)

NUMBER OF CRYSTALS: NOME

PRESET FREQUENCIES: NONE

ANTENNA: LONG WIRE

TUNING: (MO OR XTAL)

SENSITIVITY: SELECTIVITY:

POWER SOURCE: 12 V VEHICLE BATTERY OR HAND GENERATOR.

SIMILAR-SETS:

POWER OUTPUT: (WATTS)

TUBES: (TYPE AND NUMBER)

1R5 185

PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)

USE: INFANTRY PARACHUTE AIRBORNE TROOPS.

RANGE: (MILES)

TO COMMUNICATE WITH:

TO REPLACE IN PART:

TRANSPORTATION: VEHICLE OR MAN PACK

TYPE OF SIGNAL: CW; VOICE (AM)

PART C - PRINCIPAL COMPONENTS

ITEM		DIMENSIONS		WEIGHT	OL ACCIFICATION	
ITEM	THOUSE	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
RADIO RECVR. BC-1137-A MOUNTING FT-382	,	114"	9#	5**	14-95 are	RESTRICTED
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:					CONTRACTOR OF THE PARTY OF THE	

SCR-808 NOMENCLATU DESIGNATION		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.				STATUS:	STANDARD 10 Jul 42	INSTRUCTIONAL LITERATURE: TM 11-601
PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:						
REQUENCY RANGE: (Mo) 27.0 - 38.9. IUMBER OF CRYSTALS: 2(1 PER REOVR.). PRESET FREQUENCIES: ANY 1 OF 120 AVAILABLE. INTENNA: SECTIONAL MAST TYPE. VEHICULAR. FUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: VEHICULAR BATTERY 12 OR 21 v. SIMILAR SETS: SCR-708; SCR-828. POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) 8C-923- REOVR: 1 TYPE 6 A C 7; 2 TYPE 6S.17 SPL.; 2 TYPE 12SA7; 1 TYPE 12SG7; 1 TYPE 12SJ7; 2 TYPE 6H6; 1 TYPE 12SC7. 8C-921- TRANS; 2 TYPE 6S.17 SPL.; 1 TYPE VR-150-30; 1 TYPE 6AG7; 2 TYPE 615; 1 TYPE (VR-150-30; 1 TYPE 6AG7; 2 TYPE 6567.	CLASSIFICATION: USE: COMPANY AND HIGHER COMM DESTROYER COMMAND. FIE RANGE: (MILES) 10 MILES IN OI MOVING; 5-7 MILES IN TO COMMUNICATE WITH: SCR-608; SCR-628; 10 OMANNELS TO SCR-508; SCR-509; SCR-510 TO REPLACE IN PART: SCR-608. TRANSPORTATION: MOTOR VEHICL INSTALLED. TYPE OF SIGNAL: FM; VOICE ON			OPEN VEHIC TANKS MOV ; SCR-609; BE COMMON 10.	LE, ING. SCR-610; WI TH	RADIO SET SCR-808, IS SIMILAR TO RADIO MODEL, HOWEVER IT HOLLDES RECEIVER BC BC-681, RESPECTIVELY. SET IS CRYSTAL OF THE \$20 ORYSTALS USED IN SCR-608. OF THE \$20 ORYSTALS USED IN SCR-608. THOSE OF RADIO SET SCR-608 FOR WHICH AS THOSE OF RADIO SET SCR-608 FOR WHICH SCR-608 OR WHICH SCR-608.	RADIO SET SCR-808. INSTALLED IN	
PART C - PRINCIP (CLASSIFICATION:	AL COMPO	NENTS				SCR-80	DCDGE 1	
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATIO	SCR-60	TRUCK	
1 RADIO TRANS. BC-924 2 RADIO RECVR. BC-923 1 MOUNTING FT-237						EZO >	3/1-TON 1 X 1 COMMAND (RADIO)	
COMBINED WEIGHT OF COMPONENTS:				225#(AP	PROX.)	A O B A	NA NA	

TM 11-601	STATUS:	STANDA 10 Jul		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	A LOCKET		SCR	-8	28
	CHANGE IN STATUS:		11 3000 S	PART A - TECHNICAL CHARACTES (CLASSIFICATION:	RISTICS		ART B - TA	CTICAL CH	ARACTERIS	STICS
The state of the state of				FREQUENCY RANGE: (Mo) 27 - 38.9		USE: F	A: PLATOO	N COMMANDER	S; TANK DI	ESTROYER UNI
FREE CONTRACTOR OF THE PARTY OF				NUMBER OF CRYSTALS: 1 (XTAL GALI	8.)					
				PRESET FREQUENCIES: 4	AND IN ANTINES HE					
60707070XE		40		ANTENNA: SECTIONAL MAST TYPE. VE	HIGULAR.					
(3)(2)		M		TUNING: (MO OR XTAL) MO	The state of the state of		N. S. P. A.			
				SENSITIVITY: SELECTIVITY	Yz	RANGE:	(MILES) 5	-7 IN TANKS	; 10 MILE	S IN OPEN
130	•			POWER SOURCE: 12 OR 24V. VEHICLE MOTOR DM-64 & DM-65 FOR 12V INT		TO C OM	MUNICATE W	ITH: SCR-60	8; SCR-60	9; SCR-610;
		9		& TRANS. RESPECTIVELY. DYNAMOTO FOR 21V INPUT WITH RECVR. & TRA			The Case of	RT: SCR-62	nQ.	
A STATE OF THE STA	and being it.		308.	SIMILAR SETS: SCR-728	imperiorar una placta	ENGOSEN/CE	LAGE III I'A	. 304-02		
	E FT+237 See SSR-808		POWER OUTPUT: (WATTS) 35			TRANSPORT ATION: VEHICLE				
		BERNELLING BERNELLING TO THE REAL PROPERTY OF THE PERSON O	,							
			-628.	TUBES; (TYPE AND NUMBER) SCR-02 3-6SJ7SP; 1-12 SA7; 2-12S8 7; 7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-015; 1-6J5.	8: 2-6AC-7/1852; 12SJ7;1-6H6;3-6SL; C 7; 1-6AG7;	TYPE OF	SIGNAL:	VOICE (F.M	.)	
7, 61 6			MOUNTED ON BAS	TUBES; (TYPE AND NUMBER) SCR-02 3-6SJ7SP; 1-12 SA7; 2-12SG 7;2- 7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	8: 2-6AC-7/1852; 12SJ7;1-6H6;3-6SL; C 7; 1-6AG7; PART C - PRINCIP! (CLASSIFICATION: RES	AL COMPO		VOICE (F.M	.)	
	60		MOUNTED ON BAS	3-6sJ7sP; 1-12 SA7; 2-12SG 7;2- 7GT; 2-6v6sT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS	B		CLASSIFICA
	rer d		VERBION OF SCR-628.	TUBES; (TYPE AND NUMBER) SCR-02 3-6SJ7SP; 1-12 SA7; 2-12SB 7; 2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS		weight	CLASSIFICA
			VERBION OF SCR-628.	3-6sJ7sP; 1-12 SA7; 2-12SG 7;2- 7GT; 2-6v6sT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS	B		CLASSIFICA
			SET SCR-828, MOUNTED ON BAS LLATOR VERBION OF SCR-628.	3-6sJ7sP; 1-12 SA7; 2-12SG 7;2- 7GT; 2-6v6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2- 7GT; 2-646GT; 2-VR150.30; 3-12-S 2-815; 1-6J5.	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			WIO SET SCR-828, MOUNTED ON BAS, Gecillaton version of SCR-628,	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
(((((((((((((((((((RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
	THE STATE OF THE S		RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
	TO THE PROPERTY OF THE PROPERT		RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	12SJ7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA
			RADIO SET SCR-828, MOUNTED ON BAS ER OBCILLATOR VERBIOR OF SCR-628.	3-65J7SP; 1-12 SA7; 2-12SG 7;2-7GT; 2-6V6GT; 2-VR150.30; 3-12-S 2-815; 1-6J5. ITEM RADIO TRANS. BC-924 RADIO RECVE. BC-923	125J7;1-6H6;3-6SL C 7; 1-6AG7; PART C - PRINCIPA (CLASSIFICATION: RES	AL COMPO	NENTS) DIMENSIONS WIDTH	S DEPTH		CLASSIFICA

SHIP TONNAGE:

TC-8

NOMENCLATURE DESIGNATION STATUS:

CHANGE IN STATUS: INSTRUCTIONAL LITERATURE: STI on TC-8 T 1

(CLASSIFICATION: UNCLASSIFIED)

RADIO DIRECTION FINDER CENTRAL TC-8.

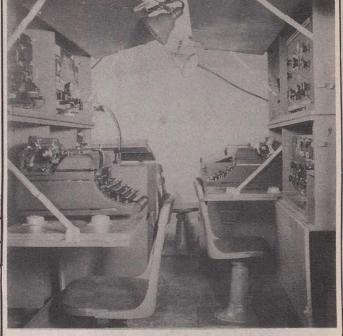
EQUIPMENT CONTAINED IN 2 SHELTERS HO-27 EACH CARRIED BY CARGO TRUCK, 2 1/2 TON 6X6 FOR PURPOSE OF COORDINATION AND PLOTTING INFORMATION RECEIVED BY RADIO AND WIRE FROM DIRECTION FINDER STATIONS.

INCLUDES RADIO RECEIVING APPARATUS, TELEPHONE SWITCHBOARD, PLOTTING BOARD, AND INTERCOMMUNICATION AND MONITORING SYSTEM. RADIO DIRECTION FINDERS ARE NOT INCLUDED WITH THIS CENTRAL BUT ARE USED WITH IT.

PRINCIPAL COMPONENTS

(CLASSIFICATION:

		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
SHELTERS (2 EACH) HO-27	66.5"	74"	138"	1750 #	media event.
RECEIVER BC-342 (2 EACH)	9.75"	18ª	9ª	46 #	MAN AND ENGINE
RECEIVER BC-344 (1 EACH)	9.75"	18"	9"	46 #	
RECEIVER BC-787 (1 EACH)	9.5 *	19 ⁿ	14.25"	63 #	
RECEIVER BC-794 (1 EACH)	12,25"	23 [#]	16.5"	70 #	
RECEIVER BC-969 (1 EACH)	10 "	19"	19"	80 #	
TAPE RECORDER BC-1016	10.25"	19.25"	14.75"	80 #	
VOICE RECORDER (DICTAPHONE) TCB-2P	12 "	29"	14 ⁿ	98 #	
Voice Reproducer (Dictaphone) TCB-TU SwitchBoard BD-72 Intercommunication System RC-238	14 " 13.25"	14" 25.5"	17" 9•5	80 # 72 #	
COMBINED WEIGHT OF COMPONENTS:		100	NAME OF		an accordance
COMBINED VOLUME OF COMPONENTS:				12410	YE REPRESENTED
SHIP TONNAGE:					SERVICE TOWER



RADIO D/F CENTRAL TC-8 SHOWING OPERATING POSITIONS. HOUSED IN SHELTER HO-27.

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THIS SHEET IS CLASSIFIED:

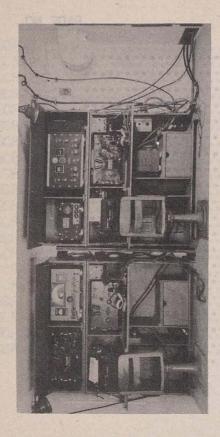


INSTRUCTIONAL LITERATURE: STI ON TC-9 T1	STATUS:		NOMENCLATURE DESIGNATION:	TC-9
	CHANGE IN	THE PASSES		

(CLASSIFICATION: UNCLASSIFIED)

RADIO INTERCEPT CENTRAL TC-9.

EQUIPMENT CONTAINED IN 3 SHELTERS. HO-27 EACH CARRIED
BY TRUCK, CARGO, 2 1/2 TON 6X6 FOR PURPOSE OF INTER CEPTING, RECORDING, INTERPRETING, RADIO COMMUNICATIONS.
CONSISTS OF RADIO RECEIVERS, RECORDERS, SWITCHBOARD,
ANTENNA, INTERCOMMUNICATION AND MONITORING SYSTEM.



STATUS:

RADIO INTERCEPT CONTROL TC-9 SHOWING OPERATING POSITIONS. SHELTER HO-27.

PRINCIPAL COMPONENTS (CLASSIFICATION:)						
Market Market Control of the Control	4 4 4 4 4 4 4 4 6	IMENSIONS				
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION	
SHELTER HO-27 (3 EACH)	66.5"	74"	138"	1750 #	THE WAY	
RECEIVER BC-342 (5 EACH)	9.75"	18"	911	46 #	A CONTRACTOR OF THE PARTY OF TH	
RECEIVER BC-344 (3 EACH)	9.75 "	18"	911	46 #	- 2000	
RECEIVER BC-787 (2 EACH)	9.5"	19"	14.25"	63 #	- RE-18	
RECEIVER BC-794 (1 EACH)	12.25"	23 ^u	16.5"	70 #	. 25 70	
RECEIVER BC-969 (1.EACH)	10"	19 ⁿ	19"	80 #		
RECORDER BC-1016(1 EACH)	10.25"	19.25"	14.75"	80 #	20 F-18	
VOICE RECORDER (DICTAPHONE TCB-2P)	12"	29"	14"	98 #		
VOICE REPRODUCER (DICTAPHONE TCB-TU)	1½n	14n	17 ⁿ	80 #		
SWITCHBOARD BD-72 TELETYPE PRINTER TG-7	13.25"	25.5"	18.5"	272 #	No. of the second	
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME OF COMPONENTS:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

RESTRICTED

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