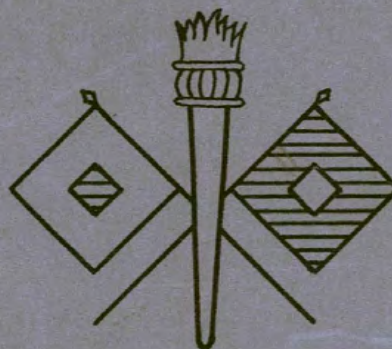


SIGNAL COMMUNICATION EQUIPMENT DIRECTORY

WILLIAM R. REED
2nd LT. SIGNAL CORPS



PREPARED BY
MILITARY INTELLIGENCE BRANCH
COM C DIV OCSIGO

Revised 1943
DOD DIR 5200.9

APR 1943 ISSUE. COPY NO. 810

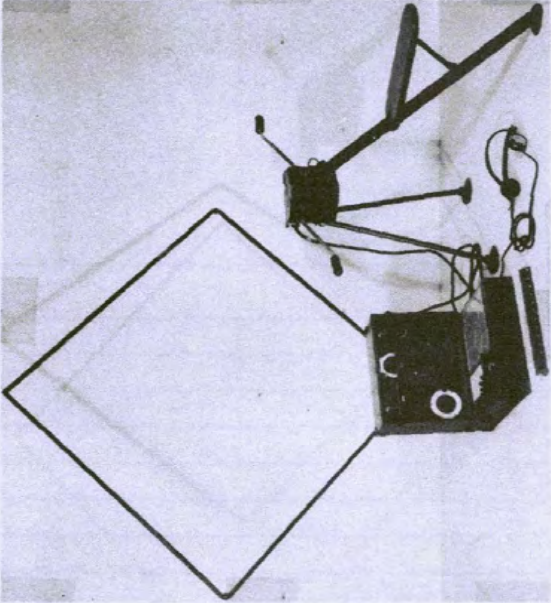
RESTRICTED

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY

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MILITARY INTELLIGENCE BRANCH
COM C DIV OCSIGO**

RESTRICTED


THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-131																																										
 <p style="text-align: center;">RADIO SET SCR-131 In Operation</p>			<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: TRANSMITTER 3.96 to 4.36. (Mo)</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: LOOP LP-7</p> <p>TUNING (MO OR CRYSTAL): MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: TRANSMITTER: HAND GENERATOR 10x100v. RECEIVER: DRY BATTERY 4 1/2 & 45 v.</p> <p>SIMILAR SETS: SCR-161 (DIFFERENT FREQUENCY)</p> <p>POWER OUTPUT: 5 WATTS</p> <p>TUBES: (TYPE AND NUMBER) 1 - TYPE 10 3 - TYPE 86</p> </div> <div style="width: 48%;"> <p>PART B-MILITARY CHARACTERISTICS (CLASSIFICATION:)</p> <p>USE: USED BY INFANTRY, ARMORED FORCE FOR COMMAND COMMUNICATION BETWEEN BRIGADE AND REGIMENTS AND BATTALIONS OF THE INFANTRY DIVISION. ON GROUND: INF, BHQ, Co., REGT HQ Co., BN., SEC COM PLAT.</p> <p>RANGE: 5 MILES.</p> <p>TO COMMUNICATE WITH: SCR-131, 193-(), 245-(), AND 289.</p> <p>TO REPLACE IN PART: SCR-77-B</p> <p>TRANSPORTATION: CARRIED BY VEHICLE, OR 2-MAN PACK.</p> <p>TYPE OF SIGNAL: CW ONLY.</p> </div> </div>																																											
			<p style="text-align: center;">PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="923 976 1364 1009" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1370 976 1622 992">DIMENSIONS</th> <th data-bbox="1628 976 1701 992" rowspan="2">WEIGHT</th> <th data-bbox="1707 976 1832 992" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1370 997 1446 1014">HEIGHT</th> <th data-bbox="1452 997 1528 1014">WIDTH</th> <th data-bbox="1534 997 1622 1014">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="923 1031 1364 1048">TRANS. & RECVR. 80-148</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1031 1701 1048">22#</td> <td></td> </tr> <tr> <td data-bbox="923 1065 1364 1081">HAND GENERATOR GN-35</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1065 1701 1081">20 1/4#</td> <td></td> </tr> <tr> <td data-bbox="923 1098 1364 1115">ANTENNA LOOP, LP-7</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1098 1701 1115">1 5/8#</td> <td></td> </tr> <tr> <td data-bbox="923 1300 1364 1317">COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1300 1701 1317">76#</td> <td></td> </tr> <tr> <td data-bbox="923 1322 1364 1338">COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1322 1701 1338">6 Cu.Ft.</td> <td></td> </tr> <tr> <td data-bbox="923 1355 1364 1372">SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td data-bbox="1628 1355 1701 1372">90#</td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. & RECVR. 80-148				22#		HAND GENERATOR GN-35				20 1/4#		ANTENNA LOOP, LP-7				1 5/8#		COMBINED WEIGHT OF COMPONENTS:				76#		COMBINED VOLUME:				6 Cu.Ft.		SHIP TONNAGE:		
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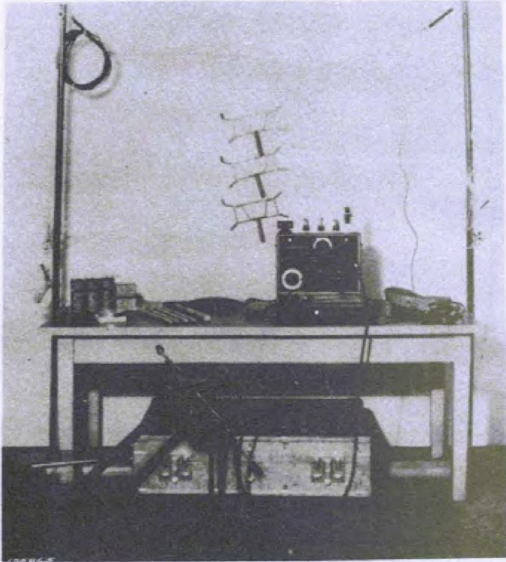
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <div style="text-align: right; font-size: 1.5em; font-weight: bold;">SCR-161</div>																																										
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) 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 SOURCES: TRANS.- HAND GENERATOR RECV.- DRY BATTERY 4-1/2 & 45 v. SIMILAR SOURCE: SCR-131 (DIFFERENT FREQUENCY) POWER OUTPUT: (WATTS) 5 TUBES: (TYPE AND NUMBER) 1 6C-151 TRANS.-RECV. 1 - TYPE 10 3 - TYPE 864	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) USE: USED BY FIELD ARTILLERY, COMMAND COMMUNICATION BETWEEN DIV. ARTILLERY AND REGIMENT AND FROM REGIMENT TO BATTALIONS. ALSO USED FOR LIAISON PURPOSES BETWEEN ARTILLERY UNITS. ON GROUND: BHQ. LT. MED. & Hvy. REGT. Hq. Bn. Hq. RANGE: (MILES) 5 TO COMMUNICATE WITH: SCR-161, 288, AND 245-(). TO REPLACE IN PART: SCR-77-B AND 105. TRANSPORTATION: CARRIED IN VEHICLE, TWO-MAN PACK, OR HORSE PACK. TYPE OF SIGNAL: CW ONLY.																																										
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="869 966 1323 1006" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1323 966 1574 990">DIMENSIONS</th> <th data-bbox="1574 966 1661 990">WEIGHT</th> <th data-bbox="1661 966 1787 990">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1323 990 1400 1006">HEIGHT</th> <th data-bbox="1400 990 1487 1006">WIDTH</th> <th data-bbox="1487 990 1574 1006">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="869 1015 1323 1039">1 - 6C-151 TRANS.-RECV.</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1015 1661 1039">22 #</td> <td data-bbox="1661 1015 1787 1039"></td> </tr> <tr> <td data-bbox="869 1047 1323 1071">1 - GN-35 HAND GENERATOR</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1047 1661 1071">20 1/4#</td> <td data-bbox="1661 1047 1787 1071"></td> </tr> <tr> <td data-bbox="869 1079 1323 1104">1 - LP-7 LOOP ANTENNA</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1079 1661 1104">1 5/8#</td> <td data-bbox="1661 1079 1787 1104"></td> </tr> <tr> <td data-bbox="869 1291 1323 1315">COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1291 1661 1315">76#</td> <td data-bbox="1661 1291 1787 1315"></td> </tr> <tr> <td data-bbox="869 1315 1323 1339">COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1315 1661 1339">6 cu. Ft.</td> <td data-bbox="1661 1315 1787 1339"></td> </tr> <tr> <td data-bbox="869 1339 1323 1364">SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td data-bbox="1574 1339 1661 1364">90#</td> <td data-bbox="1661 1339 1787 1364"></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	1 - 6C-151 TRANS.-RECV.				22 #		1 - GN-35 HAND GENERATOR				20 1/4#		1 - LP-7 LOOP ANTENNA				1 5/8#		COMBINED WEIGHT OF COMPONENTS:				76#		COMBINED VOLUME:				6 cu. Ft.		SHIP TONNAGE:		
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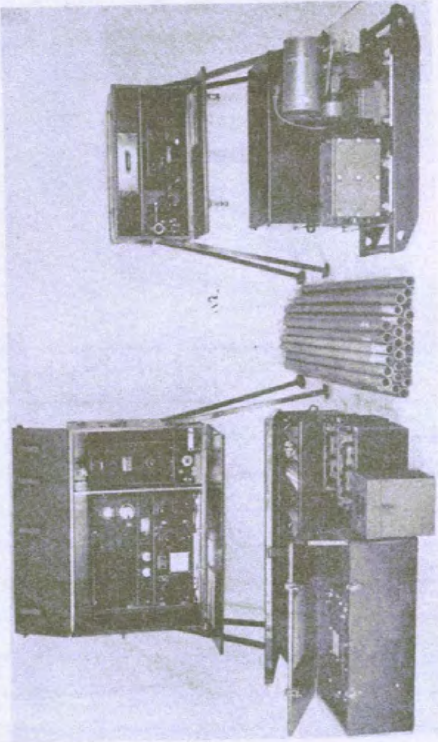
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: LIMITED STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-171																											
		PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) TRANS. 2.64 to 3.04. NUMBER OF CRYSTALS: NONE. PRESET FREQUENCIES: NONE ANTENNA: 60 FT. "L" TYPE WITH COUNTERPOISE ON GROUND. TUNING (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS.-HAND OPERATOR 10 & 400 V. RECVR.- 4.5 & 45 V. DRY BATTERIES. SIMILAR SETS: SCR-131, AND 161 (EXCEPT FREQUENCY AND ANTENNA). POWER OUTPUT: (WATTS) 5 TUBES: (TYPE AND NUMBER) 1 - TYPE 10 3 - TYPE 864	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: USED BY INFANTRY, FIELD ARTILLERY, SIGNAL CORPS, AIR CORPS, FOR COMD. COM, BETWEEN DIV. HQ. AND BRIGADES. ALSO BETWEEN DIV. HQ AND REGIMENT. RANGE: (MILES) 15 TO COMMUNICATE WITH: SCR-171, 203, 245-(), 193, AND 238-A. TO REPLACE IN PART: SCR-79-A, AND 130. TRANSPORTATION: CARRIED IN VEHICLE, OPERATED ON GROUND. TYPE OF SIGNAL: CW ONLY.																											
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																												
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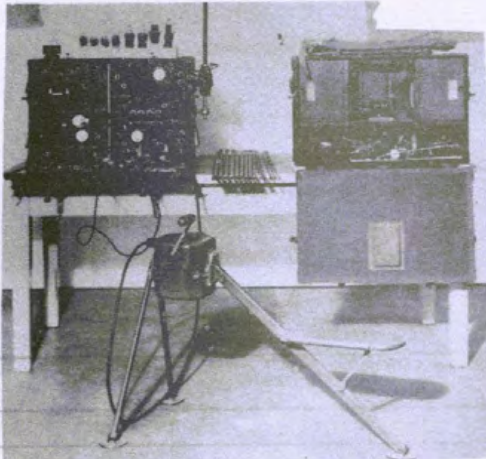
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-177																													
 <p style="text-align: right;">SCL-115</p> <p style="text-align: center;">RADIO SET SCR-177-A Principal Components</p> <p style="text-align: center;">DAW 11-14-41 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. -</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) TRANS: .4 to .8; 1.5 to 4.5 RECVRS: .4 to 1.0; 1.5 to 4.5. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: CROSS-FOOT .4 to .8 Mc./1.5 to 4.5; INVERTED "L". AN-21-A, 22-A, 23, 25, 26, & 27. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: PE-49-A; 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. TUBES: (TYPE AND NUMBER) TUBE CONTENT OF 177-A: 1 BC-189-A; 2 36; 1 38; 4 39/44, 1 BC-191-A; 1 10; 4 211.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: <u>Sig Co</u> : Sig Bn, Div Sig Co, R.I. Co, AA Rest Hq, AA Bn Hq Co. <u>CAC</u> : (TD) BHQ, Rest Hq, Bn Hq. <u>RY ARTY</u> : (HD) BHQ, Rest Hq, Bn Hq, BTRY (LTRD) AC. RANGE: (MILES) CW-100; TONE-70; VOICE-30. TO COMMUNICATE WITH: SCR-177-(); 187; 193; 238-A; 287-A. TO REPLACE IN PART: SCR-132-A; 136. TRANSPORTATION: CARRIED IN VEHICLE OPERATED ON GROUND. TYPE OF SIGNAL: CW; TONE; VOICE; A.M.																													
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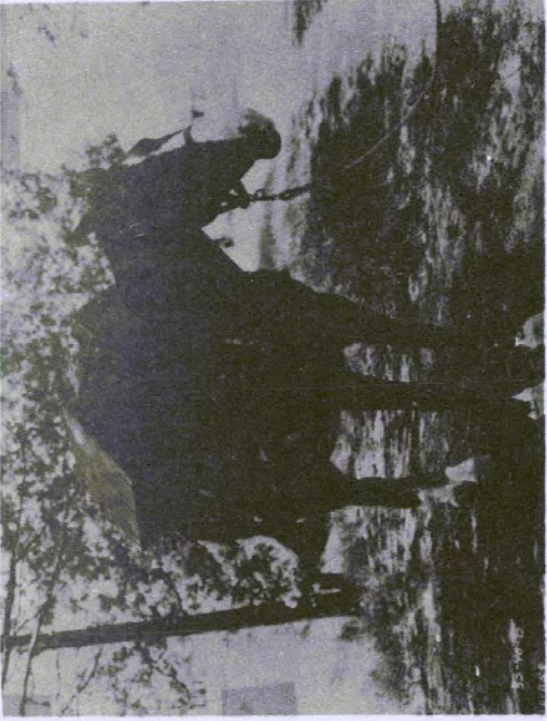
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-178																																																										
			<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (MO) TRANS. 2.4 - 3.7. RECVR. 2.4 - 3.7.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: 27 FT. FISHPOLE WITH COUNTERPOISE.</p> <p>TUNING (MO OR XTAL): MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: TRANS.-HAND GENERATOR 8 & 500 V. RECVR.-DRY BATTERIES - 4 BA-2; 4 BA-23 AND 2 BA-27.</p> <p>SIMILAR SETS:</p> <p>POWER OUTPUT: (WATTS) CW-25, TONE-20, VOICE 10. TONE - 100%, VOICE - 90% MODULATION.</p> <p>TUBES: (TYPE AND NUMBER) TUBES: 1 BC-186, RECVR. 2 TYPE 30, 2 TYPE 34. 1 BC-187-A; 1 TYPE 10, 1 TYPE 865. 1 MODULATOR BC-188-A; 2 TYPE 30.</p> </div> <div style="width: 48%;"> <p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>USE: USED BY FIELD ARTILLERY. ON GROUND: FA, MED., HVY. & LT. BN HQ, BNHQ, REPT HQ. FOR POINT TO POINT, AND GROUND TO PLANE BETWEEN ALL FA UNITS, (EXCEPT PACK) AND AIRCRAFT FOR OBSERVATION PURPOSES.</p> <p>RANGE: (MILES) POINT TO POINT: CW-25; TONE-20; VOICE-10. AIR TO GROUND: CW-100; TONE-75; VOICE-30.</p> <p>TO COMMUNICATE WITH: SCR-178, 179 AND 238-A</p> <p>TO REPLACE IN PART: SCR-109-A.</p> <p>TRANSPORTATION: CARRIED IN VEHICLE.</p> <p>TYPE OF SIGNAL: CW, TONE, VOICE.</p> </div> </div>																																																											
<p>ARMY RADIO TRANSMITTING & RECEIVING EQUIPMENT FOR SCR-178.</p> <p>ISSUED TO FIELD ARTILLERY: LT. MED. HVY. & PACK BN. HQ.</p> <p style="text-align: center;">RESTRICTED</p> <p>RADIO SET, TYPE SCR-178: HIGH FREQUENCY (3000 TO 4000 KILOCYCLES); 7.5 WATTS OUTPUT; RANGE UP TO 15 MILES; RECEIVING & TRANSMITTING, C.W., I.C.W., & TELEPHONE; FOR USE BY FIELD ARTILLERY UNITS TO PROVIDE AIR-GROUND FIRE CONTROL COMMUNICATION. IT IS ARRANGED FOR WAGON TRANSPORTATION.</p>			<table border="1"> <thead> <tr> <th colspan="6" data-bbox="885 917 1770 950">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: UNCLASSIFIED)</th> </tr> <tr> <th data-bbox="885 950 1323 990" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1323 950 1570 974">DIMENSIONS</th> <th data-bbox="1570 950 1656 990" rowspan="2">WEIGHT</th> <th data-bbox="1656 950 1770 990" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1323 974 1399 990">HEIGHT</th> <th data-bbox="1399 974 1494 990">WIDTH</th> <th data-bbox="1494 974 1570 990">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="885 990 1323 1015">1 -BC-187-(A) TRANS.</td> <td data-bbox="1323 990 1399 1015"></td> <td data-bbox="1399 990 1494 1015"></td> <td data-bbox="1494 990 1570 1015"></td> <td data-bbox="1570 990 1656 1015">12.2#</td> <td data-bbox="1656 990 1770 1015"></td> </tr> <tr> <td data-bbox="885 1015 1323 1039">1 -BC-188-(A) MODULATOR</td> <td data-bbox="1323 1015 1399 1039"></td> <td data-bbox="1399 1015 1494 1039"></td> <td data-bbox="1494 1015 1570 1039"></td> <td data-bbox="1570 1015 1656 1039">6.1#</td> <td data-bbox="1656 1015 1770 1039"></td> </tr> <tr> <td data-bbox="885 1039 1323 1063">1 -BC-186 RECVR.</td> <td data-bbox="1323 1039 1399 1063"></td> <td data-bbox="1399 1039 1494 1063"></td> <td data-bbox="1494 1039 1570 1063"></td> <td data-bbox="1570 1039 1656 1063">9.2#</td> <td data-bbox="1656 1039 1770 1063"></td> </tr> <tr> <td data-bbox="885 1063 1323 1088">1 - GENERATOR GN-37</td> <td data-bbox="1323 1063 1399 1088"></td> <td data-bbox="1399 1063 1494 1088"></td> <td data-bbox="1494 1063 1570 1088"></td> <td data-bbox="1570 1063 1656 1088">30.0#</td> <td data-bbox="1656 1063 1770 1088"></td> </tr> <tr> <td data-bbox="885 1274 1323 1299">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1323 1274 1399 1299"></td> <td data-bbox="1399 1274 1494 1299"></td> <td data-bbox="1494 1274 1570 1299"></td> <td data-bbox="1570 1274 1656 1299">200 #</td> <td data-bbox="1656 1274 1770 1299"></td> </tr> <tr> <td data-bbox="885 1299 1323 1323">COMBINED VOLUME:</td> <td data-bbox="1323 1299 1399 1323"></td> <td data-bbox="1399 1299 1494 1323"></td> <td data-bbox="1494 1299 1570 1323"></td> <td data-bbox="1570 1299 1656 1323">1 1/2 Cu. Ft.</td> <td data-bbox="1656 1299 1770 1323"></td> </tr> <tr> <td data-bbox="885 1323 1323 1347">SHIP TONNAGE:</td> <td data-bbox="1323 1323 1399 1347"></td> <td data-bbox="1399 1323 1494 1347"></td> <td data-bbox="1494 1323 1570 1347"></td> <td data-bbox="1570 1323 1656 1347">22 1/2 #</td> <td data-bbox="1656 1323 1770 1347"></td> </tr> </tbody> </table>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: UNCLASSIFIED)						ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	1 -BC-187-(A) TRANS.				12.2#		1 -BC-188-(A) MODULATOR				6.1#		1 -BC-186 RECVR.				9.2#		1 - GENERATOR GN-37				30.0#		COMBINED WEIGHT OF COMPONENTS:				200 #		COMBINED VOLUME:				1 1/2 Cu. Ft.		SHIP TONNAGE:				22 1/2 #	
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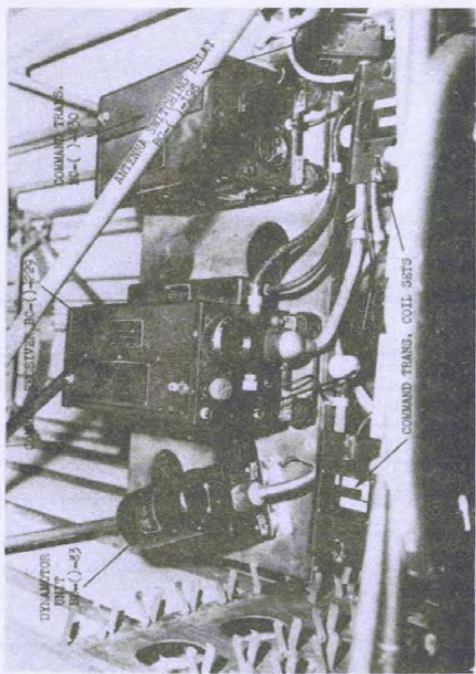
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: LIMITED STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR- 179																																															
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: TRANS.: 2.4 - 3.7. RECV.: 2.0-4.0 Mc/s. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 27' FISHPOLE WITH COUNTERPOISE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: GN-37.8 & 500 V DRY BATTERIES AS FOLLOWS: 4BA-2; 4 BA-25; 2 BA-27. SIMILAR SETS: SCR-178 POWER OUTPUT: (WATTS) CW-5; TONE-3; VOICE-22. TONE-100%; VOICE-90% MODULATION. TUBES: (TYPE AND NUMBER) 1 8C-186; 2 30; 2 34. 1 8C-187-A; 1 10; 1 865. 1 8C-188-A; 2 30.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FIELD ARTILLERY, HORSE AND PACK ARTILLERY, OPERATED ON GROUND. RANGE: (MILES) POINT-TO-POINT: CW-25; TONE-20; VOICE-10. AIR-TO-GROUND: CW-100; TONE-75; VOICE-30. TO COMMUNICATE WITH: SCR-178, 179, 238-A. TO REPLACE IN PART: SCR-109-A TRANSPORTATION: HORSE PACK. TYPE OF SIGNAL: CW; TONE; VOICE. (A.M.)																																															
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																
		ITEM	<table border="1"> <thead> <tr> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="938 1003 1075 1052"> MODULATOR 8C-188 TRANS. 8C-187 RECV. 8C-186 </td> </tr> <tr> <td colspan="5" data-bbox="938 1263 1237 1304"> COMBINED WEIGHT OF COMPONENTS: </td> </tr> <tr> <td colspan="5" data-bbox="938 1287 1094 1304"> COMBINED VOLUME: </td> </tr> <tr> <td colspan="5" data-bbox="938 1320 1056 1336"> SHIP TONNAGE: </td> </tr> </tbody> </table>	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	MODULATOR 8C-188 TRANS. 8C-187 RECV. 8C-186					COMBINED WEIGHT OF COMPONENTS:					COMBINED VOLUME:					SHIP TONNAGE:					<table border="1"> <thead> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> <th>WEIGHT</th> <th>CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>203#</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>5 CU. FT.</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION				203#					5 CU. FT.				
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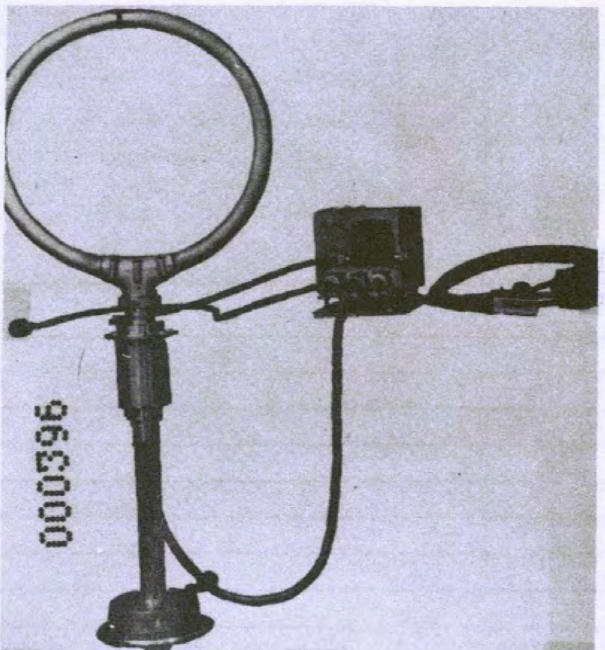
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THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O		STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: SCR-183	
CHANGE IN STATUS:				PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)			
 <p style="position: absolute; top: 230px; left: 350px;">AIRL-A44SR-42</p> <p style="position: absolute; top: 500px; left: 325px;">APT OF OBSERVER'S POSITION INSTALLATION OF RADIO SCR-()-183</p> <p style="position: absolute; top: 590px; left: 350px;">AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, O. OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p> <p style="position: absolute; top: 860px; left: 325px;">O-49 AIRPLANE</p>		FREQUENCY RANGE: RECEIVING - 201-398 Kc, 4150-7700 Kc. TRANSMITTING - 2500-7700 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: RECVR.- 5 FT. VERTICAL MAST ANTENNA. TRANS.- "T" OR "L" TYPE 16 TO 18 FT. LONG. 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) 100 TONE; 100 VOICE. TUBES: (TYPE AND NUMBER) 1/4 TYPE 39/44 1 TYPE 37 1 TYPE 38 2 TYPE 10 2 TYPE 45 SPL. (TUBE CONTENT SHOWN ABOVE PERTAINS TO SCR-AB-183)			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: COMMAND SET - PLANE-TO-PLANE; PLANE-TO-GROUND COMMUNICATIONS. RANGE: (MILES) 30-45 MILES PLANE-TO-PLANE. 100-200 MILES PLANE-TO-GROUND. TO COMMUNICATE WITH: OTHER EQUIPMENT WITHIN RANGE OF EACH OTHER COVERING SAME FREQUENCIES. TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION. TYPE OF SIGNAL: CW; TONE; VOICE.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		RADIO RECVR. BC-()-229	7 5/8	8 1/4	15 11/16	12.0	
		RADIO TRANS. BC-()-230	7 5/8	6 5/8	13 1/4	10.2	
DYNAMOTOR UNIT BC-()-83				9.9			
RADIO CONTROL BOX BC-()-231	4 5/8	4	2 7/16	.9			
RADIO CONTROL BOX BC-()-232	2 7/16	4	4 5/8	.9			
ANTENNA SW. RELAY BC-()-198	4 9/16	4 5/8	2 3/4	1.1			
2 RECVR COIL SETS (ONE IS A DUAL COIL)							
6 TRANS. COIL SETS.							
COMBINED WEIGHT OF COMPONENTS:				43.3#	(INCLUDING MINOR COMP		
COMBINED VOLUME:				145 CU.FT.			
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: RESTRICTED

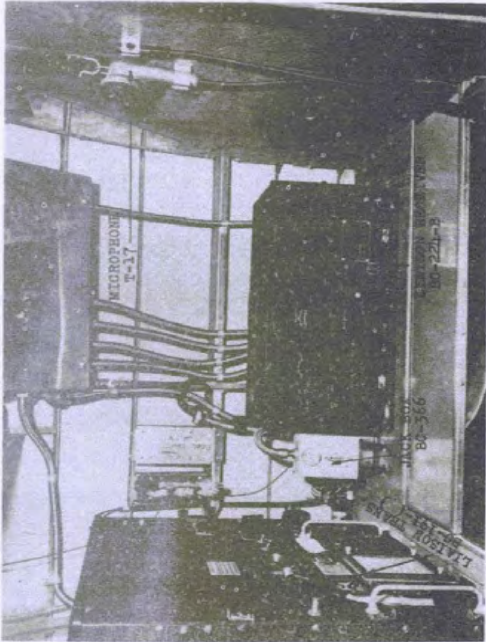
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	EXPERIMENTAL PROCUREMENT ONLY DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-186																																																																																																																																					
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: SCR-AA-186 - 154 TO 1655 Kc. SCR-AB-186 - 156 TO 1652 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: LOOP & NONDIRECTIONAL (EITHER FIXED LOOP OR ROTATABLE LOOP) INSTALLED ON AIRPLANE. TUNING: (MD OR XTAL) REMOTE SINGLE TUNING CONTROL MD SENSITIVITY: 1/8" DEFLECTION SELECTIVITY: 1° FROM "ON COURSE" IN FIELD OF 20 V./METER POWER SOURCE: SIMILAR SETS: SCR-269, 242 POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: TO PROVIDE RADIO DIRECTION FINDING AND HOMING FACILITIES FOR AIRCRAFT. PROVIDES VISUAL RIGHT-LEFT DIRECTIONAL INDICATION. USED WITH FIXED LOOP AS HOMING COMPASS OR WITH ROTATABLE LOOP AS DIRECTION FINDER. RANGE: (MILES) ACCURACY OF 1° WHEN HOMING OVER WATER 700 MI., OVER LAND 200 MI. FROM 50 KW. TRANS. TO COMMUNICATE WITH: SCR-242 TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION TYPE OF SIGNAL:																																																																																																																																					
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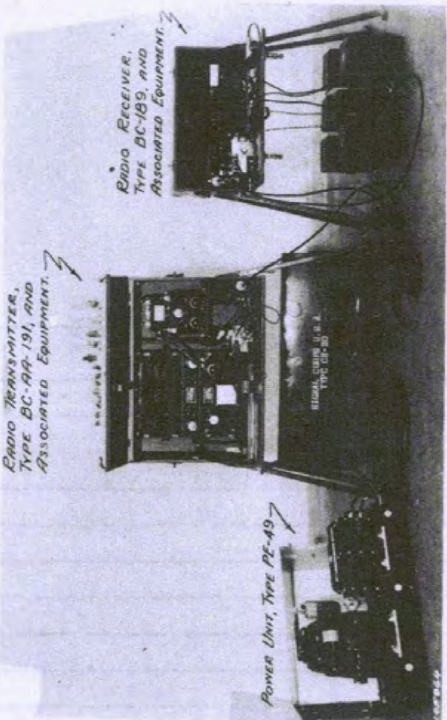
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-187	
 <p style="text-align: right;">AIR-4366B-4</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: RECVR. - 1.5 - 18 Mc. TRANS. - 1.5 - 12.5 Mc.; 200-500Kc; 600-1500Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: TRAILING WIRE TUNING: (MO OR XTAL) MO 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-187 UPCS: TRANS. - 4 VT-4-B 1 VT-25 RECVR. - 1 VT-37 1 VT-38 4 VT-49	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION LIAISON SET. RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES. TO COMMUNICATE WITH: SCR-287, 183, 283, 274, AND 522. TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION. TYPE OF SIGNAL: VOICE, TONE, CW.	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
RADIO TRANS. BC-191-()	21 21/32	23 1/8	9 5/16	55	RESTRICTED
RADIO RECVR. BC-224-()	18 21/32	10 1/2	9 1/2	40	RESTRICTED
DYNAMOTOR BD-77-()	11 21/32	16 3/4	8	4.4	RESTRICTED
RADIO CONTROL BOX BC-309	3 9/16	3 1/2	2 7/32	.42	RESTRICTED
ANTENNA TUNING UNIT BC-306-A	17 3/4	9 1/2	9 1/8	9.75	RESTRICTED
TRANSMITTING TUNING UNIT TU-3-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-5-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-6-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-7-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-8-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-9-()	7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-10-()	7 5/8	16 3/4	8 3/4	13	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.					
COMBINED WEIGHT OF COMPONENTS:				250LBS. APPROX.	
COMBINED VOLUME:				6 CU. FT. APPROX.	
SHIP TONNAGE:					

24-21282

THIS SHEET IS CLASSIFIED: RESTRICTED

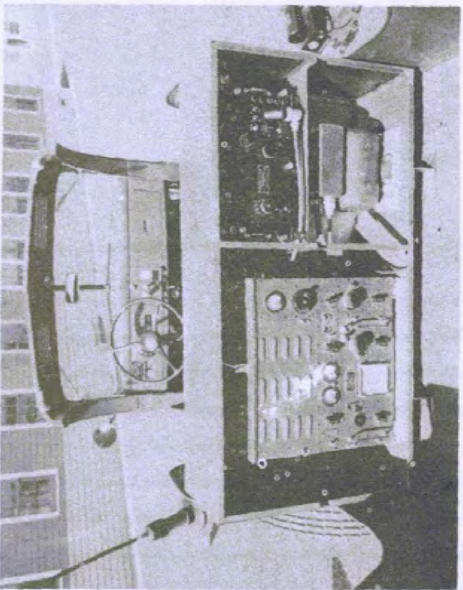
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-188	
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: TRANS.: 1.5 - 12.5. RECV.: 0.4 - 13.5 Mc/s. NUMBER OF CRYSTALS: 1 AS XTAL OSCILLATOR. PRESET FREQUENCIES: ANTENNA: INVERTED L (1/2 OR 3/4 WAVE). AN-22-A, 23-A, 25, 26, 27, & 28. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: PE-49-A; BD-AA-69; BD-AB-69; BD-AC-60; BD-AD-69; BD-AE-69, WITH 12 V STORAGE BATTERY. SIMILAR SETS: SCR-177 EXCEPT FREQUENCY. 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/WL. 1 BD-AA-191; 1 TYPE 10 4 TYPE 211 SPL.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AC PURSUIT: SQDN, SRP, WNG. ATTACK : SQDN, SRP, WNG. OBS. SIG CO : AWS CO. RANGE: (MILES) CW-100; TONE-70; VOICE-30. TO COMMUNICATE WITH: SCR-()-183; 187; 188; 197; 240-A; 259-A; 261-A; 274-N; 283; 287; 238-A. TO REPLACE IN PART: NONE TRANSPORTATION: VEHICLES OR PLANES (OPERATED ON GROUND ONLY). TYPE OF SIGNAL: CW; TONE; VOICE. (A.M.)	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
TRANSMITTER BC-AA-191 RECEIVER BC-189-A	HEIGHT	WIDTH	DEPTH		
					RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				1,150#	
COMBINED VOLUME:				25 CU. FT.	
SHIP TONNAGE:					

24-21262

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-193		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) TRANS.: 1.5 - 4.5. RECV.: 1.5 - 18.0. NUMBER OF CRYSTALS: NONE IN TRANS. 1 IN RECV. PRESET FREQUENCIES: NONE ANTENNA: 15' FISHPOLE ON FLEXIBLE MAST BASE MP-14 OR MP-37. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR UNIT BD-77 - DYNAMOTOR INTEGRAL. 12 V CAR BATTERY. SIMILAR SETS: GROUND SET VERSION SCR-177. 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, 1 SPARE. 6 VT-35; 3 IN USE, 3 SPARE. 2 VT-38; 1 IN USE, 1 SPARE. 8 VT-49; 4 IN USE, 4 SPARE.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: CAV.: RON SQ, HQ TR (HAM), SERV. TR. (HAM). ENGRS: BN, AVN, REGT, ARMD BN. SIG C: CO ARMD, CO & TR OPN. TANKS, SCOUT CARS, HALF TRACKS ETC. RANGE: (MILES) STATIONARY - CW-60; TONE-40; VOICE-20. MOVING - CW-30; TONE-20; VOICE-15. TO COMMUNICATE WITH: SCR-131; 171; 177; 178; 187; 193; 203; 209; 210; 238-A; 245; 259-A; 287. TO REPLACE IN PART: SCR-193 TRANSPORTATION: LT. TANKS M2, MED TANK T4, COMBAT CAR M-1, SCOUT CAR M-2, ARMD CAR T-11, ARMD CAR M-1. TYPE OF SIGNAL: CW; TONE; VOICE; (A.M.).	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
TRANS. BD-191 RECV. BD-312		HEIGHT	WIDTH	DEPTH		RESTRICTED RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					200 #	
COMBINED VOLUME:					7 CU. FT.	
SHIP TONNAGE:						

24-21282

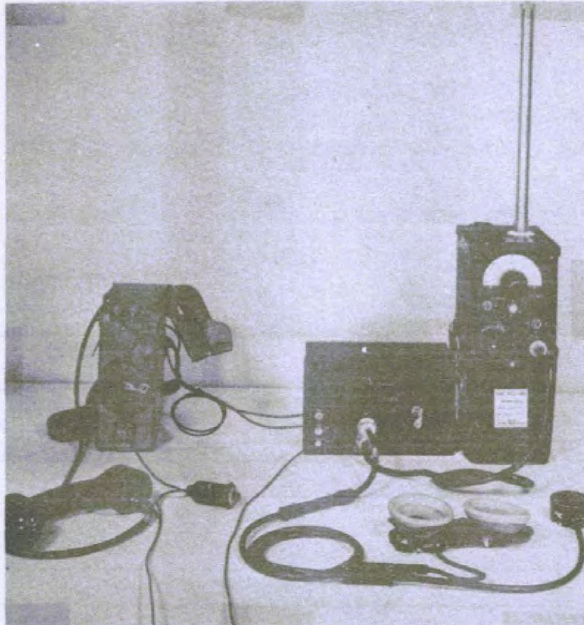
RESTRICTED

 RADIO SET SCR-193-E
 Installation in Truck, 1/2-Ton 4 x 4 Command (Radio)

DATE 9-28-40 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH, N. J. - DA REG-534

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-194																																												
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MC) 27.2 TO 52.75 NUMBER OF CRYSTALS: 1 FOR CALIBRATION. PRESET FREQUENCIES: NONE. ANTENNA: ADJUSTABLE ROD FOR GROUND USE (12 SECTIONS MAX.). THREE SECTION FISHPOLE FOR VEHICLE. 1/2-RHOMBIC 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 FREQUENCY. POWER OUTPUT: (WATTS) .5 @ 60% MODULATION. TUBES: (TYPE AND NUMBER) BC-222 TRANSOEIVER, TUBES: 1 TYPE 35 1 TYPE 30 SPL.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) 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:)																																													
			<table><tr><th rowspan="2">ITEM</th><th colspan="3">DIMENSIONS</th><th rowspan="2">WEIGHT</th><th rowspan="2">CLASSIFICATION</th></tr><tr><th>HEIGHT</th><th>WIDTH</th><th>DEPTH</th></tr><tr><td>RECVR. & TRANS. BC-222 IN BAG WITH BATTERIES, ANTENNA, HEADSET, AND MICROPHONE.</td><td>1 CUBIC FOOT</td><td></td><td></td><td>25.10#</td><td></td></tr><tr><td>AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33</td><td>2 CUBIC FEET</td><td></td><td></td><td>64.14#</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>COMBINED WEIGHT OF COMPONENTS:</td><td></td><td></td><td></td><td>90 #</td><td></td></tr><tr><td>COMBINED VOLUME:</td><td></td><td></td><td></td><td>1.1 CU.FT.</td><td></td></tr><tr><td>SHIP TONNAGE:</td><td></td><td></td><td></td><td>103 #</td><td></td></tr></table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RECVR. & TRANS. BC-222 IN BAG WITH BATTERIES, ANTENNA, HEADSET, AND MICROPHONE.	1 CUBIC FOOT			25.10#		AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33	2 CUBIC FEET			64.14#								COMBINED WEIGHT OF COMPONENTS:				90 #		COMBINED VOLUME:				1.1 CU.FT.		SHIP TONNAGE:				103 #	
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION																																										
	HEIGHT	WIDTH	DEPTH																																													
RECVR. & TRANS. BC-222 IN BAG WITH BATTERIES, ANTENNA, HEADSET, AND MICROPHONE.	1 CUBIC FOOT			25.10#																																												
AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33	2 CUBIC FEET			64.14#																																												
COMBINED WEIGHT OF COMPONENTS:				90 #																																												
COMBINED VOLUME:				1.1 CU.FT.																																												
SHIP TONNAGE:				103 #																																												

REMOTE CONTROL SET-UP
FOR RADIO SET SCR-194

THIS SHEET IS CLASSIFIED: RESTRICTED

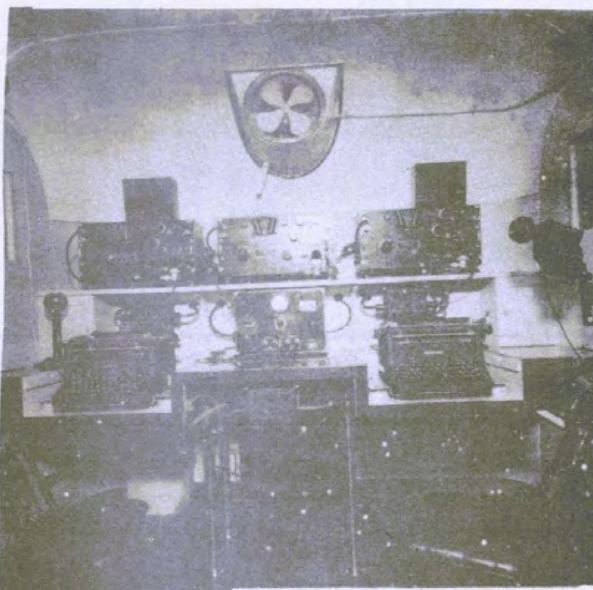
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	LIMITED STANDARD
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SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.
REMOTE CONTROL SET-UP
FOR RADIO SET SCR-195
APRIL 16, 1941 SCL-741

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <div style="text-align: right; font-size: 2em;">SCR-195</div>
<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mc) 52.25 - 66.25</p> <p>NUMBER OF CRYSTALS: 1 USED FOR CALIBRATION REFERENCE.</p> <p>PRESET FREQUENCIES: NONE.</p> <p>ANTENNA: 8 SECTION -ADJUSTABLE ROD FOR GROUND USE. TWO SECTION FISHPOLE ON FLEXIBLE MOUNTING FOR VEHICLE.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: DRY BATTERIES BA-32.</p> <p>SIMILAR SETS: SCR-194 EXCEPT FOR FREQUENCY.</p> <p>POWER OUTPUT: (WATTS) .5 60% MODULATION.</p> <p>TUBES: (TYPE AND NUMBER) "WALKIE-TALKIE 1 BC-322; TUBES: 1 TYPE 33 1 TYPE 30 SPL.</p>	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: USE BY THE INFANTRY, SIGNAL CORPS, PARACHUTE BATTALIONS. POINT TO POINT COMMUNICATION.</p> <p>RANGE: (MILES) 3</p> <p>TO COMMUNICATE WITH: SCR-195 ONLY.</p> <p>TO REPLACE IN PART: NONE.</p> <p>TRANSPORTATION: MAN PACK, or IN VEHICLE.</p> <p>TYPE OF SIGNAL: VOICE.</p>

PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
REC'D. & TRANS. BC-322 IN BAG WITH BATTERIES, ANTENNA, AND HANDSET.				26.35#	
AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33,				64.14#	
COMBINED WEIGHT OF COMPONENTS:				91 #	
COMBINED VOLUME:				1.1 CU. FT.	
SHIP TONNAGE:				104 #	

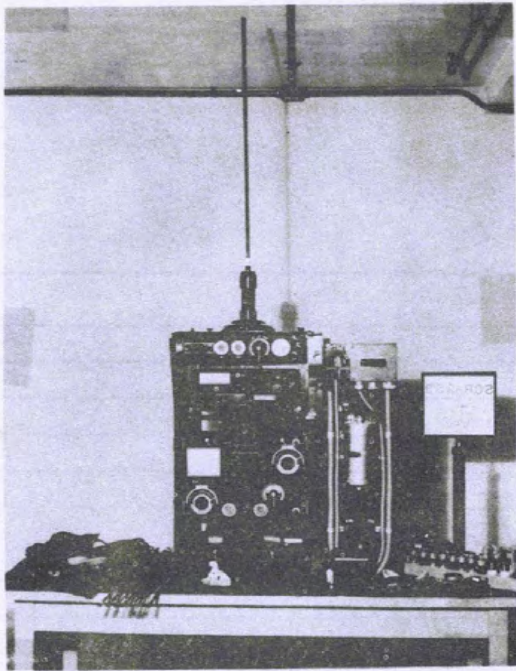
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-197																																
 <p data-bbox="510 1209 847 1226">SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J.</p> <p data-bbox="510 1242 847 1291">RADIO SET SCR-197-A INTERIOR VIEW OF TRAILER K-19-A SHOWING RADIO OPERATOR'S SECTION</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mo) TRANS. 1.5 - 18.0. REOVR. 1.5 - 18.0. NUMBER OF CRYSTALS: TRANS. - 5; 1 IN EACH REOVR. PRESET FREQUENCIES: 5 XTAL AND 5 MECHANICAL. ANTENNA: 100 WITH COUNTERPOISE, SUSPENDED BETWEEN TRUCK AND SECTIONAL MAST OR 7 SECTION 40' POLE TYPE ANTENNA. TUNING: (MO OR XTAL) MO AND XTAL. SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS.: COMMERCIAL 220/110 V 60 GENERATOR GN-42-A. REOVR.: COMMERCIAL 110 V 60 POWER UNIT PE-75-(). SIMILAR SETS: SCR-299 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; 2 VT-80; 3 VT-83; 6 VT-84; 24 VT-86; 6 VT-87; 6 VT-88; 6 VT-97; 12 VT-101; 9 VT-106; 3 TYPE 913; 6 TYPE KU-610.	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: SIGNAL CORPS SCHOOLS. RANGE: (MILES) CW & STATIONARY - 1000. TO COMMUNICATE WITH: SCR-()-183; 177; 188; 197; 240; 261-A; 274-N; ()-283; 187; 238-A. TO REPLACE IN PART: NONE TRANSPORTATION: VEHICULAR. TYPE OF SIGNAL: CW; TONE; VOICE.																																
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																	
			<table border="1"> <thead> <tr> <th data-bbox="866 954 1294 982" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1294 954 1551 966">DIMENSIONS</th> <th data-bbox="1551 954 1637 982">WEIGHT</th> <th data-bbox="1637 954 1761 982">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1294 966 1380 982">HEIGHT</th> <th data-bbox="1380 966 1475 982">WIDTH</th> <th data-bbox="1475 966 1551 982">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="866 1015 1294 1088"> TRANSMITTER BC-325 RECEIVER BC-342 (3) TRUCK K-18 TRAILER K-19 </td> <td></td> <td></td> <td></td> <td></td> <td data-bbox="1637 1015 1761 1055"> RESTRICTED RESTRICTED </td> </tr> <tr> <td data-bbox="866 1274 1294 1291">COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td data-bbox="1551 1274 1637 1291">15,000# APPROX.</td> <td></td> </tr> <tr> <td data-bbox="866 1291 1294 1307">COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td data-bbox="1551 1291 1637 1307">1947 cu. ft.</td> <td></td> </tr> <tr> <td data-bbox="866 1323 1294 1339">SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANSMITTER BC-325 RECEIVER BC-342 (3) TRUCK K-18 TRAILER K-19					RESTRICTED RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				15,000# APPROX.		COMBINED VOLUME:				1947 cu. ft.		SHIP TONNAGE:					
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION																														
	HEIGHT	WIDTH	DEPTH																																	
TRANSMITTER BC-325 RECEIVER BC-342 (3) TRUCK K-18 TRAILER K-19					RESTRICTED RESTRICTED																															
COMBINED WEIGHT OF COMPONENTS:				15,000# APPROX.																																
COMBINED VOLUME:				1947 cu. ft.																																
SHIP TONNAGE:																																				

24-21282

THIS SHEET IS CLASSIFIED: RESTRICTED

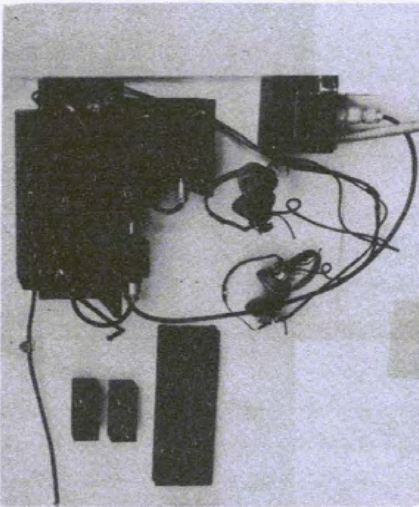
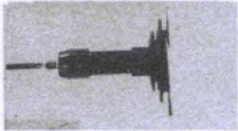
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-209		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MC) TRANS. 2.2 - 2.6. RECVR. 1.5 - 18.0. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 15' 5 SECTION FISHPOLE ON MP-14 OR 37. TUNING: (MC OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS. PE-48. RECVR. DYNAMOTOR UNIT 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-38 4 VT-49 1 VT-50	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: COMBAT AND SCOUT CARS. RANGE: (MILES) STATIONARY: CW-30; TONE-20; VOICE-5. MOVING: CW-10; TONE-6; VOICE-3. TO COMMUNICATE WITH: SCR-193; 203; 209; 210; 238-A. TO REPLACE IN PART: SCR-189; 199. TRANSPORTATION: VEHICLES. TYPE OF SIGNAL: CW; TONE; VOICE.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
TRANSMITTER BC-176-A RECEIVER BC-189		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					163#	
COMBINED VOLUME:					4 Cu.Ft.	
SHIP TONNAGE:						

24-21282

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

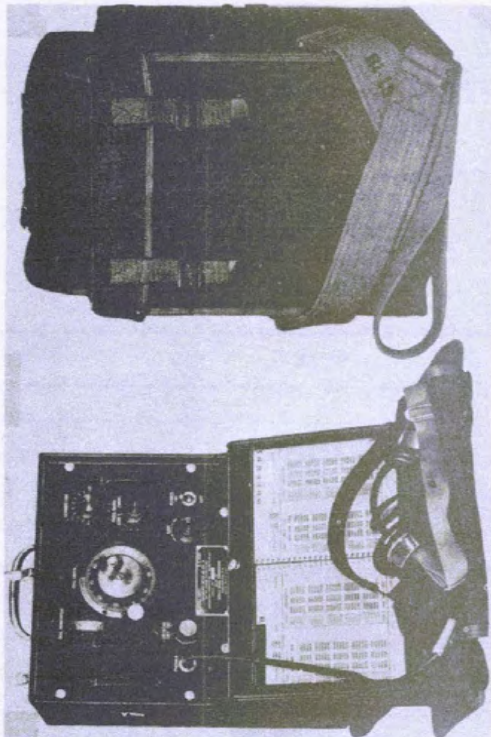
THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-210		
 			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: 1.5 - 18.0 (RECEIVER ONLY) NUMBER OF CRYSTALS: 1 AS SELECTIVITY CONTROL. PRESET FREQUENCIES: NONE ANTENNA: 15' 5 SECTION FISHPOLE ON MP-14 OR 37. TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR INTEGRAL /12V OR 24V CAR BATTERY. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-210-A USES 1 BC-312: 2 6C5 1 6F6 2 6K7 1 6L7 1 6R7GT 2 6K7GT	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: SIGNAL CORPS SCHOOL & ARMD F REPL TRNS GEN BY BN ARMS. IN ANY VEHICLE WHERE SEPARATE RECEIVER IS REQUIRED . RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-190 TRANSPORTATION: VEHICLE TYPE OF SIGNAL: CW; TONE; VOICE.			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)				
ITEM			DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
RECEIVER BC-312 ORIGINAL MODEL USES RECVR. BC-189							RESTRICTED
COMBINED WEIGHT OF COMPONENTS:						71#	
COMBINED VOLUME:						2 CU.FT.	
SHIP TONNAGE:							

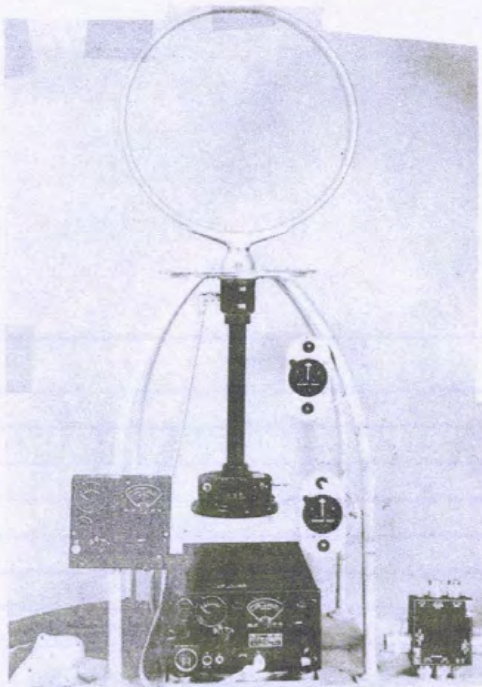
24-21262

THIS SHEET IS CLASSIFIED RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-211		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) .125 - 20. NUMBER OF CRYSTALS: 2 CRYSTAL DC-9-F. PRESET FREQUENCIES: NONE ANTENNA: 2 TO 3 FOOT NO. 12 B&S HARD DRAWN BUS. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: BA-23-(4); BA-2-(6) SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-211-C - (1 BC-221-C) 1 TYPE 76 1 TYPE 77 1 TYPE 6A7		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FOR CALIBRATING AND ADJUSTING AIRCRAFT AND FIELD RADIO SETS. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: PORTABLE TYPE OF SIGNAL:		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION	
		HEIGHT	WIDTH	DEPTH			
FREQUENCY METER BC-221 CRYSTAL UNIT DC-9-F CALIBRATION BOOK MC-177		13.13	10.13	9.44	17.16		
COMBINED WEIGHT OF COMPONENTS:					38 (COMPLETE WITH BATTERIES)		
COMBINED VOLUME:							
SHIP TONNAGE:							

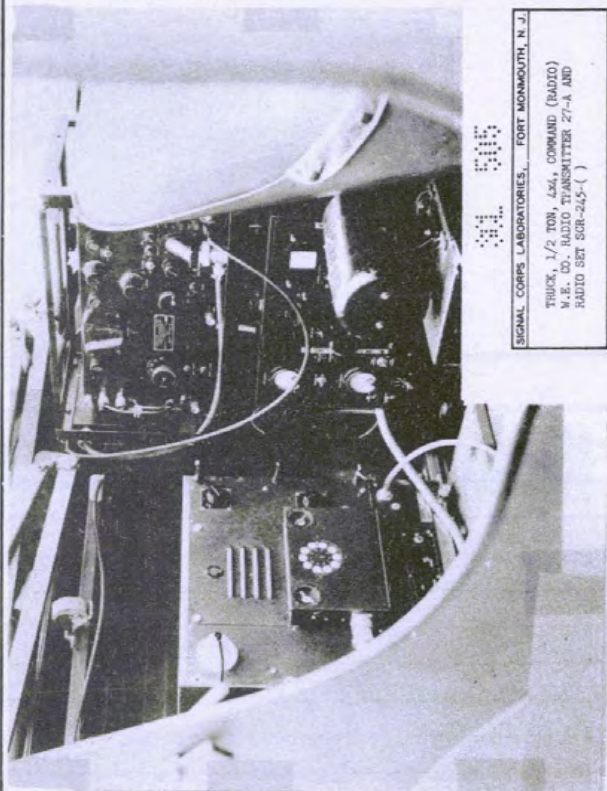
THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD FEB. 9, 1943	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-242																																																																													
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) .15 - 1.5, 1.75 WITH MODIFICATION KITS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: --- ANTENNA: VERTICAL MAST 5' OR 7.6' & LOOP ANTENNA MOUNTED ON AIRPLANE WITH REMOTE CONTROL OF ROTATION. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 1½ VOLT D.C. AND DYNAMOTOR DM-18 SIMILAR SETS: 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	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY OR VISUAL UNIDIRECTIONAL, RIGHT-LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY. NAVIGATION & HOMING AID IN AIRCRAFT. RANGE: (MILES) --- TO COMMUNICATE WITH: --- TO REPLACE IN PART: SCR-186 TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: RECEIVES CW; TONE; VOICE.																																																																													
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1"> <thead> <tr> <th data-bbox="877 943 1328 976" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1328 943 1582 959">DIMENSIONS</th> <th data-bbox="1582 943 1658 959" rowspan="2">WEIGHT</th> <th data-bbox="1658 943 1795 959" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1328 959 1410 976">HEIGHT</th> <th data-bbox="1410 959 1492 976">WIDTH</th> <th data-bbox="1492 959 1582 976">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="877 992 1328 1008">BC-310-A RADIO COMPASS UNIT</td> <td data-bbox="1328 992 1410 1008">7 1/8</td> <td data-bbox="1410 992 1492 1008">18 1/2</td> <td data-bbox="1492 992 1582 1008">11 5/8</td> <td data-bbox="1582 992 1658 1008">42.1</td> <td data-bbox="1658 992 1795 1008">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1008 1328 1024">BC-311-A CONTROL BOX</td> <td data-bbox="1328 1008 1410 1024">7</td> <td data-bbox="1410 1008 1492 1024">7</td> <td data-bbox="1492 1008 1582 1024">3 3/4</td> <td data-bbox="1582 1008 1658 1024">5.2</td> <td data-bbox="1658 1008 1795 1024">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1024 1328 1040">LP-13-A LOOP</td> <td data-bbox="1328 1024 1410 1040">23 3/4</td> <td data-bbox="1410 1024 1492 1040">20 3/4</td> <td data-bbox="1492 1024 1582 1040">2 1/4</td> <td data-bbox="1582 1024 1658 1040">3.5</td> <td data-bbox="1658 1024 1795 1040">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1040 1328 1057">CS-8-A LOOP MOUNTING</td> <td data-bbox="1328 1040 1410 1057">22 1/2</td> <td data-bbox="1410 1040 1492 1057">7 1/2</td> <td data-bbox="1492 1040 1582 1057">7 1/2</td> <td data-bbox="1582 1040 1658 1057">9.2</td> <td data-bbox="1658 1040 1795 1057">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1057 1328 1073">M-169-A LOOP MOUNTING CAP</td> <td data-bbox="1328 1057 1410 1073">2 1/4</td> <td data-bbox="1410 1057 1492 1073">2 1/4</td> <td data-bbox="1492 1057 1582 1073">1 5/8</td> <td data-bbox="1582 1057 1658 1073">0.2</td> <td data-bbox="1658 1057 1795 1073">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1073 1328 1089">I-65 COMPASS INDICATOR</td> <td data-bbox="1328 1073 1410 1089">3 1/4</td> <td data-bbox="1410 1073 1492 1089">3 1/4</td> <td data-bbox="1492 1073 1582 1089">3</td> <td data-bbox="1582 1073 1658 1089">1.3</td> <td data-bbox="1658 1073 1795 1089">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1089 1328 1105">MC-124 TUNING SHAFT</td> <td data-bbox="1328 1089 1410 1105">3/4</td> <td data-bbox="1410 1089 1492 1105">3/4</td> <td data-bbox="1492 1089 1582 1105"></td> <td data-bbox="1582 1089 1658 1105">1.8</td> <td data-bbox="1658 1089 1795 1105">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1105 1328 1122">MC-127 TUNING UNIT</td> <td data-bbox="1328 1105 1410 1122">1 1/2</td> <td data-bbox="1410 1105 1492 1122">1 1/2</td> <td data-bbox="1492 1105 1582 1122">1 1/4</td> <td data-bbox="1582 1105 1658 1122">0.1</td> <td data-bbox="1658 1105 1795 1122">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1122 1328 1170">TM-180-A JUNCTION BOX (FOR PLANES WHICH DO NOT CONTAIN BUILT IN PANEL OR JUNCTION BOX).</td> <td data-bbox="1328 1122 1410 1170">5 3/8</td> <td data-bbox="1410 1122 1492 1170">6 3/4</td> <td data-bbox="1492 1122 1582 1170">2 13/16</td> <td data-bbox="1582 1122 1658 1170">1.7</td> <td data-bbox="1658 1122 1795 1170">RESTRICTED</td> </tr> <tr> <td data-bbox="877 1252 1328 1268">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1328 1252 1410 1268"></td> <td data-bbox="1410 1252 1492 1268"></td> <td data-bbox="1492 1252 1582 1268"></td> <td data-bbox="1582 1252 1658 1268">62.4</td> <td data-bbox="1658 1252 1795 1268"></td> </tr> <tr> <td data-bbox="877 1268 1328 1284">COMBINED VOLUME:</td> <td data-bbox="1328 1268 1410 1284"></td> <td data-bbox="1410 1268 1492 1284"></td> <td data-bbox="1492 1268 1582 1284"></td> <td data-bbox="1582 1268 1658 1284">419.8</td> <td data-bbox="1658 1268 1795 1284">WITH TM-180-A</td> </tr> <tr> <td data-bbox="877 1300 1328 1317">SHIP TONNAGE:</td> <td data-bbox="1328 1300 1410 1317"></td> <td data-bbox="1410 1300 1492 1317"></td> <td data-bbox="1492 1300 1582 1317"></td> <td data-bbox="1582 1300 1658 1317">0.025 APPROX.</td> <td data-bbox="1658 1300 1795 1317">WITH TM-180-A</td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	BC-310-A RADIO COMPASS UNIT	7 1/8	18 1/2	11 5/8	42.1	RESTRICTED	BC-311-A CONTROL BOX	7	7	3 3/4	5.2	RESTRICTED	LP-13-A LOOP	23 3/4	20 3/4	2 1/4	3.5	RESTRICTED	CS-8-A LOOP MOUNTING	22 1/2	7 1/2	7 1/2	9.2	RESTRICTED	M-169-A LOOP MOUNTING CAP	2 1/4	2 1/4	1 5/8	0.2	RESTRICTED	I-65 COMPASS INDICATOR	3 1/4	3 1/4	3	1.3	RESTRICTED	MC-124 TUNING SHAFT	3/4	3/4		1.8	RESTRICTED	MC-127 TUNING UNIT	1 1/2	1 1/2	1 1/4	0.1	RESTRICTED	TM-180-A JUNCTION BOX (FOR PLANES WHICH DO NOT CONTAIN BUILT IN PANEL OR JUNCTION BOX).	5 3/8	6 3/4	2 13/16	1.7	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				62.4		COMBINED VOLUME:				419.8	WITH TM-180-A	SHIP TONNAGE:		
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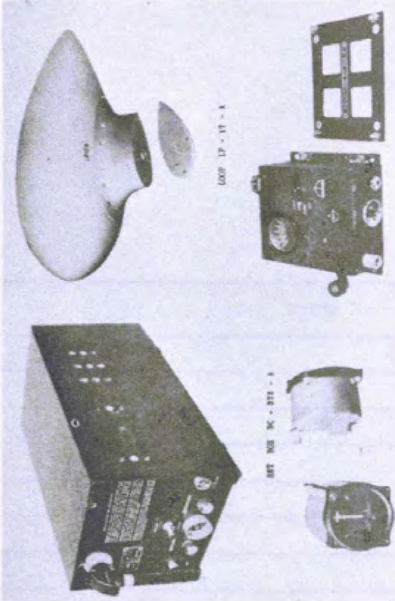
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-245																																																		
 <div data-bbox="757 565 852 899" style="position: absolute; top: 348px; left: 398px; font-size: 8px;"> SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N.J. TRUCK, 1/2 TON, LSA, COMMAND (RADIO) M.E. CO. RADIO TRANSMITTER 27-A AND RADIO SET SCR-245-() </div>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mo) TRANS. 2.0 - 4.5. MAY BE EXTENDED TO 5.2 Mo. BY USING TU-25-A. RECV. 1.5 - 18.0. NUMBER OF CRYSTALS: 4 IN TRANS. 1 IN RECV. PRESET FREQUENCIES: ANTENNA: 15 FT., FIVE SECTION FISHPOLE ON FLEXIBLE MAST BASE MP-14 OR 37. TUNING: (MO OR XTAL) BOTH. SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS.: DYNAMOTOR UNIT 12 OR 24 V. BATTERY. RECV.: INTEGRAL DYNAMOTOR 12 V. BATTERY. 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, () RECV.; 2-605; 1-5-A & 2-5-K, 7-1 (NOTE: 1-5-A, 7-1 & 1-5-K ARE LY; 2-5-K, 7-1 & 1-5-K ARE 1-5-K)		PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: USED BY AF, SIG C, INF, CAV, FA. RANGE: (MILES) CW-45; TONE-35; VOICE 20. TO COMMUNICATE WITH: SCR-131, 171, 177-(), 187-(), 193-(), 203, 209-(), 210-(), 238-A, 245-(), 259-A, 267-(), AND 268. TO REPLACE IN PART: SCR-189, 193-(), 199, AND 209-(). TRANSPORTATION: TRANSPORTED AND OPERATED IN VEHICLES TYPE OF SIGNAL: CW; TONE; VOICE.																																																	
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:) <table border="1" data-bbox="864 954 1774 1359"> <thead> <tr> <th data-bbox="864 954 1315 992" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1315 954 1568 992">DIMENSIONS</th> <th data-bbox="1568 954 1652 992" rowspan="2">WEIGHT</th> <th data-bbox="1652 954 1774 992" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1315 992 1397 1029">HEIGHT</th> <th data-bbox="1397 992 1481 1029">WIDTH</th> <th data-bbox="1481 992 1568 1029">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="864 1029 1315 1066">TRANS. BC-223</td> <td data-bbox="1315 1029 1397 1066">14 1/2"</td> <td data-bbox="1397 1029 1481 1066">20 1/8"</td> <td data-bbox="1481 1029 1568 1066">8 3/4"</td> <td data-bbox="1568 1029 1652 1066">26.5#</td> <td data-bbox="1652 1029 1774 1066"></td> </tr> <tr> <td data-bbox="864 1066 1315 1104">RECV. BC-312</td> <td data-bbox="1315 1066 1397 1104">10 5/8"</td> <td data-bbox="1397 1066 1481 1104">18 "</td> <td data-bbox="1481 1066 1568 1104">8 5/8"</td> <td data-bbox="1568 1066 1652 1104">42 #</td> <td data-bbox="1652 1066 1774 1104"></td> </tr> <tr> <td data-bbox="864 1104 1315 1141">VEHICULAR ANTENNA</td> <td data-bbox="1315 1104 1397 1141">-</td> <td data-bbox="1397 1104 1481 1141">-</td> <td data-bbox="1481 1104 1568 1141">-</td> <td data-bbox="1568 1104 1652 1141">-</td> <td data-bbox="1652 1104 1774 1141"></td> </tr> <tr> <td data-bbox="864 1141 1315 1179">DYNAMOTOR UNIT PE-55</td> <td data-bbox="1315 1141 1397 1179">12 "</td> <td data-bbox="1397 1141 1481 1179">13 3/8"</td> <td data-bbox="1481 1141 1568 1179">7 5/8"</td> <td data-bbox="1568 1141 1652 1179">33 #</td> <td data-bbox="1652 1141 1774 1179"></td> </tr> <tr> <td colspan="4" data-bbox="864 1179 1315 1216">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1568 1179 1652 1216">285#</td> <td data-bbox="1652 1179 1774 1216"></td> </tr> <tr> <td colspan="4" data-bbox="864 1216 1315 1253">COMBINED VOLUME:</td> <td data-bbox="1568 1216 1652 1253">5 Cu.Ft.</td> <td data-bbox="1652 1216 1774 1253"></td> </tr> <tr> <td colspan="4" data-bbox="864 1253 1315 1291">SHIP TONNAGE:</td> <td data-bbox="1568 1253 1652 1291"></td> <td data-bbox="1652 1253 1774 1291"></td> </tr> </tbody> </table>				ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-223	14 1/2"	20 1/8"	8 3/4"	26.5#		RECV. BC-312	10 5/8"	18 "	8 5/8"	42 #		VEHICULAR ANTENNA	-	-	-	-		DYNAMOTOR UNIT PE-55	12 "	13 3/8"	7 5/8"	33 #		COMBINED WEIGHT OF COMPONENTS:				285#		COMBINED VOLUME:				5 Cu.Ft.		SHIP TONNAGE:		
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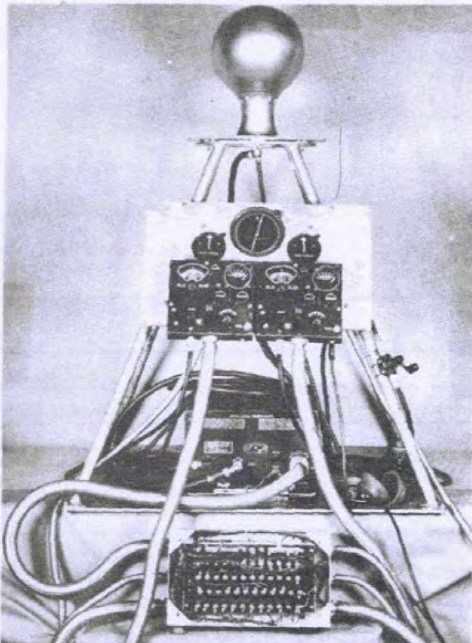
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-246																																																							
 <p>LOOP 17 - 17 - A</p> <p>CONTROL BOX SC - 374 - A</p> <p>RADIO COMPASS SCR - 246</p> <p>PRINCIPAL COMPONENTS</p> <p>INTEGRATION 1 - 18 - A</p> <p>AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, OHIO</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) <p>FREQUENCY RANGE: (Mc) 195 - 420 Kc.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: 8" LOOP & NONDIRECTIONAL (USUALLY VERTICAL) NO LOCAL, ONE REMOTE CONTROL POSITION.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 12 VOLT STORAGE BATTERY AND DM-29.</p> <p>SIMILAR SETS: SCR-276 EXCEPT FOR INPUT VOLTAGE.</p> <p>POWER INPUT: (WATTS) 70 WATTS CONSUMPTION.</p> <p>TUBES: (TYPE AND NUMBER) SCR-246-A USES 1-BC-373-A</p> <p>TUBES: 2 - 6C5 4 - 6K7 1 - 6L7 2 - 6J7 2 - 6BD 1 - 6V6</p>	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) <p>USE: NAVIGATIONAL INSTRUMENT. RADIO COMPASS HOMING DEVICE. PROVIDES VISUAL, UNIDIRECTIONAL RIGHT-LEFT INDICATION SHOWING DIRECTION OF THE RADIO SIGNAL SOURCE WITH RESPECT TO THE AIRCRAFT HEADING. MAY ALSO BE USED AS A RADIO RANGE OR RADIO BROADCAST RECEIVER PROVIDING AURAL RECEPTION OF MODULATED SIGNALS.</p> <p>RANGE: (MILES)</p> <p>TO COMMUNICATE WITH: RECEIVES ONLY RADIO BEACON TRANSMISSION.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: AIRCRAFT INSTALLATION.</p> <p>TYPE OF SIGNAL: MCW</p>																																																							
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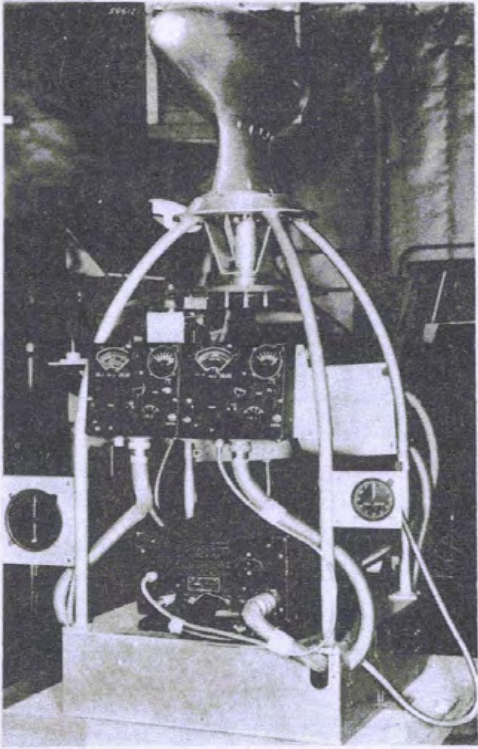
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD Dec, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-263																																									
 <p style="text-align: center;">Radio Compass SCR-263-A Test Assembly</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 to 1,750 (IN 3 BANDS) NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP & NONDIRECTIONAL ANTENNA WITH ONE OR TWO REMOTE CONTROL POSITIONS. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 TO 28 VOLTS DC (2.65 TO 3 AMPERES) STORAGE BATTERY IN AIRCRAFT. SIMILAR SETS: SCR-242-B, SCR-280, SCR-273 POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-263-A USES 1-BC-443-A 1 - 6F6 1 - 6SC7 6 - 6K7 1 - 6L7 1 - 6B8 1 - 6U5 1 - 6W7	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT- LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY. AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING A NON- DIRECTIVE ANTENNA, AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA, AURAL NULL INDICATIONS OF DIRECTION OF ARRIVAL OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW & MCW.																																									
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1" data-bbox="889 981 1811 1300"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>BC-443-A RADIO COMPASS UNIT</td> <td>7 7/8</td> <td>12</td> <td>19 13/16</td> <td>42.0</td> <td>RESTRICTED</td> </tr> <tr> <td>2 BC-444-A CONTROL BOX</td> <td>7 1/2</td> <td>7 1/2</td> <td>3 15/16</td> <td>4.0 EA.</td> <td>RESTRICTED</td> </tr> <tr> <td>LP-19-A LOOP</td> <td>25 5/8</td> <td>13 1/2</td> <td>9</td> <td>7.06</td> <td></td> </tr> <tr> <td>I-65-D COMPASS INDICATOR</td> <td>3 1/4</td> <td>3 1/4</td> <td>4 9/32</td> <td>1.6</td> <td>RESTRICTED</td> </tr> <tr> <td>I-75 BEARING INDICATOR</td> <td>5 1/8</td> <td>5 1/8</td> <td>2 11/16</td> <td>1.37</td> <td>RESTRICTED</td> </tr> </tbody> </table> <p>NOTES: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</p> <table border="1" data-bbox="889 1300 1811 1384"> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td>56.59</td> </tr> <tr> <td>COMBINED VOLUME:</td> <td>5327 CU. IN.</td> </tr> <tr> <td>SHIP TONNAGE:</td> <td>0.0445 T</td> </tr> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	BC-443-A RADIO COMPASS UNIT	7 7/8	12	19 13/16	42.0	RESTRICTED	2 BC-444-A CONTROL BOX	7 1/2	7 1/2	3 15/16	4.0 EA.	RESTRICTED	LP-19-A LOOP	25 5/8	13 1/2	9	7.06		I-65-D COMPASS INDICATOR	3 1/4	3 1/4	4 9/32	1.6	RESTRICTED	I-75 BEARING INDICATOR	5 1/8	5 1/8	2 11/16	1.37	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:	56.59	COMBINED VOLUME:
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24-21282

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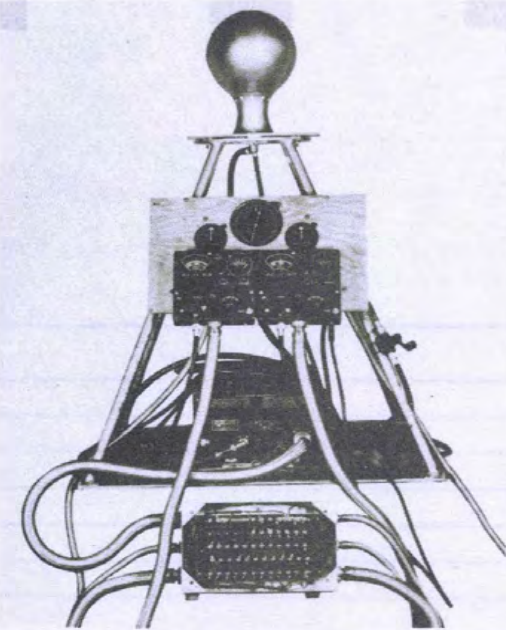
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-269
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 TO 1,750 Kc. COVERED IN 3 BANDS: 200 - 410; 410 - 850; 850 - 1,750. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP & FIXED VERTICAL MAST WITH ONE OR TWO REMOTE CONTROL POSITIONS AND AUTOMATIC ROTATION. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 VOLT BATTERY, 12 VOLT BATTERY. SIMILAR SETS: SCR-263 EXCEPT AUTOMATIC FEATURES. POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-269-A USES: 2 VT-66 1 VT-94 1 VT-74 1 VT-96 1 VT-86 1 VT-105 1 VT-87 2 VT-109 2 VT-93	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: NAVIGATIONAL INSTRUMENT. PROVIDES AUTOMATIC BEARING INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY AND SIMULTANEOUS AURAL RECEPTION OF MODULATED RADIO FREQUENCY, DIRECTIONAL ANTENNA, AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA. SCR-269-C HAS PROVISION FOR RECEPTION OF UNMODULATED R.F. IN ALL THE ABOVE CASES. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-242, 263, 280 TRANSPORTATION: AIRCRAFT INSTALLATION TYPE OF SIGNAL: CW, MCW, VOICE.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
RADIO COMPASS UNIT BC-433-A	7 7/8 12 19 13/16	46.87 LBS.	RESTRICTED		
2 RADIO CONTROL BOX BC-434-A	7 1/2 7 1/2 3 15/16	3.76	RESTRICTED		
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	RESTRICTED		
INDICATOR I-82-A	5 1/8 5 1/8 4 3/32	1.19	RESTRICTED		
RELAY BC-22-A OR E	11 3/4 7 3	6.40			
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.					
COMBINED WEIGHT OF COMPONENTS:		73.10 LBS.			
COMBINED VOLUME:		5121 CU. IN.			
SHIP TONNAGE:		0.0296T			

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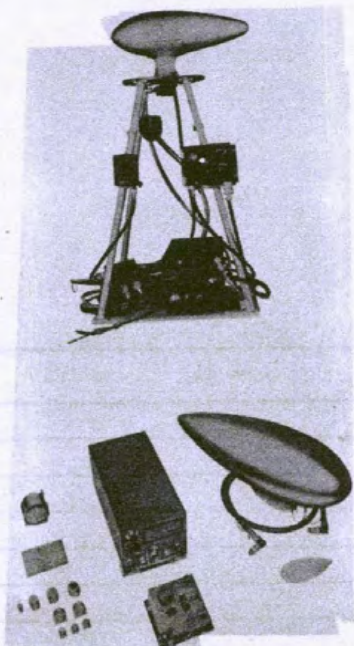
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-273																																																					
 <p style="text-align: center;">RADIO COMPASS SCR-273 PRINCIPAL COMPONENTS</p> <p style="text-align: center;">AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, OHIO</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 150 TO 1,500 COVERED IN 3 BANDS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND FIXED NONDIRECTIONAL MAST. ROTATABLE LOOP WITH TWO REMOTE CONTROL POSITIONS. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 TO 14 VOLTS DC SIMILAR SETS: SCR-263 EXCEPT SCR-273 USES 12 - 14 VOLT SUPPLY. POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-273-A USES 1 BC-413-A: 1 - 6F6 1 - 6V5 6 - 6K7 1 - 6N7 1 - 6L7 1 - 6SC7 1 - 6B8		PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT-LEFT INDICATION OF THE ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY, AURAL RECEPTION OF MOD. R.F., USING A NON-DIRECTIONAL ANTENNA, AURAL RECEPTION OF MODULATED R.F. USING LOOP ANTENNA, AURAL-NULL DIRECTIONAL INDICATIONS OF THE ARRIVAL OF MODULATED R.F. WITH RESPECT TO THE PLANE OF THE LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW, MCW, VOICE.																																																				
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RADIO COMPASS SCR-276 			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 195 to 420 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND NONDIRECTIONAL FIXED ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 to 28 VOLTS DC AND DM-39-A. SIMILAR SETS: SCR-246-A EXCEPT SCR-276 24 - 28 VOLT SUPPLY. POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-276-A USES 1 BC-383-A: 2 - 605 1 - 6K7 1 - 6L7 2 - 6J7 2 - 686 2 - 6V6		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: NAVIGATIONAL INSTRUMENT. PROVIDES VISUAL, UNIDIRECTIONAL RIGHT-LEFT INDICATION SHOWING THE DIRECTION OF THE RADIO SIGNAL SOURCE WITH RESPECT TO THE AIRCRAFT HEADING. MAY ALSO BE USED AS A RADIO RANGE OR WEATHER BROADCAST RECEIVER PROVIDING AURAL RECEPTION OF MODULATED RADIO SIGNALS. ALSO SUPPLIES VOLTAGE TO MARKER BEACON RECEIVER. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW, MCW																																																																								
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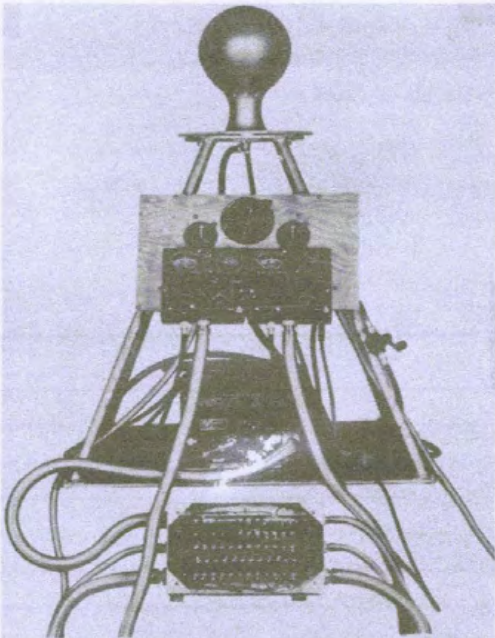
A light-weight radio, heading device for single-engine aircraft. Has fixed loop enclosed in streamlined housing. Similar to BC-386 except for 24 v primary power supply. Frequency range 195-420 kc. Principal components are Radio Compass Unit BC-383, Radio Control Box BC-440, Loop LP-17, and Compass Indicator I-73.

Quantity delivered, 12/21/42 - - - - - 30
 Quantity on order or pending - - - - - 35
 Total quantity planned - - - - - 65

24-21262

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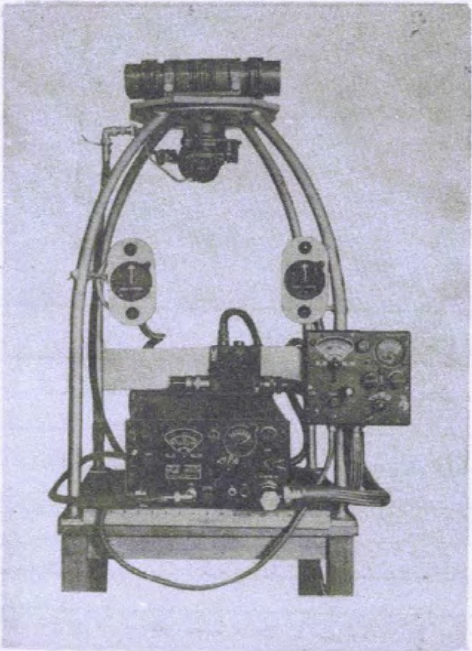
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-280																																																											
 <p style="text-align: center;">RADIO COMPASS SCR - 280 PRINCIPAL COMPONENTS</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 TO 1,750 COVERED IN 3 BANDS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND FIXED NONDIRECTIONAL (MANUALLY OPERATED) TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLTS DC SIMILAR SETS: SCR-263 WHICH OPERATES FROM 2 1/2 - 28 VOLT POWER SOURCE SCR-273-A EXCEPT FREQUENCY. POWER OUTPUT: (WATTS) RECEPTION ONLY. TUBES: (TYPE AND NUMBER) SCR-280-A USES: 1 - 6F6 1 - 6U5 6 - 6K7 1 - 6N7 1 - 6L7 1 - 6SC7 1 - 6B8	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT-LEFT INDICATION, AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY USING LOOP ANTENNA, AURAL RECEPTION OF MODULATED R.F. USING NONDIRECTIONAL ANTENNA, AURAL NULL DIRECTIONAL INDICATIONS OF THE ARRIVAL OF MODULATED RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP USING A LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW; MCW.																																																											
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1"> <thead> <tr> <th data-bbox="887 943 1334 984" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1334 943 1582 967">DIMENSIONS</th> <th data-bbox="1582 943 1667 984" rowspan="2">WEIGHT</th> <th data-bbox="1667 943 1797 984" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1334 967 1420 984">HEIGHT</th> <th data-bbox="1420 967 1496 984">WIDTH</th> <th data-bbox="1496 967 1582 984">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="887 984 1334 1016">RADIO COMPASS UNIT BC-431-A</td> <td data-bbox="1334 984 1420 1016">7 7/8</td> <td data-bbox="1420 984 1496 1016">12</td> <td data-bbox="1496 984 1582 1016">19 13/16</td> <td data-bbox="1582 984 1667 1016">42.0</td> <td data-bbox="1667 984 1797 1016">RESTRICTED</td> </tr> <tr> <td data-bbox="887 1016 1334 1049">2-RADIO CONTROL BOX BC-432-B</td> <td data-bbox="1334 1016 1420 1049">7 1/2</td> <td data-bbox="1420 1016 1496 1049">7 1/2</td> <td data-bbox="1496 1016 1582 1049">3 15/16</td> <td data-bbox="1582 1016 1667 1049">8.0 (14# EA.)</td> <td data-bbox="1667 1016 1797 1049">RESTRICTED</td> </tr> <tr> <td data-bbox="887 1049 1334 1081">LOOP LP-19-A</td> <td data-bbox="1334 1049 1420 1081">25 3/8</td> <td data-bbox="1420 1049 1496 1081">13 1/2</td> <td data-bbox="1496 1049 1582 1081">9</td> <td data-bbox="1582 1049 1667 1081">7.06</td> <td data-bbox="1667 1049 1797 1081"></td> </tr> <tr> <td data-bbox="887 1081 1334 1114">2-COMPASS INDICATOR I-65-D</td> <td data-bbox="1334 1081 1420 1114">3 1/4</td> <td data-bbox="1420 1081 1496 1114">3 1/4</td> <td data-bbox="1496 1081 1582 1114">4 9/32</td> <td data-bbox="1582 1081 1667 1114">3.2 (1.8# EA.)</td> <td data-bbox="1667 1081 1797 1114">RESTRICTED</td> </tr> <tr> <td data-bbox="887 1114 1334 1146">BEARING INDICATOR I-75-()</td> <td data-bbox="1334 1114 1420 1146"></td> <td data-bbox="1420 1114 1496 1146"></td> <td data-bbox="1496 1114 1582 1146"></td> <td data-bbox="1582 1114 1667 1146"></td> <td data-bbox="1667 1114 1797 1146">RESTRICTED</td> </tr> <tr> <td colspan="5" data-bbox="887 1146 1582 1260"> NOTES: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND FIGURES SHOWN ARE THEREFORE APPROXIMATE. </td> <td data-bbox="1582 1146 1797 1260"></td> </tr> <tr> <td colspan="4" data-bbox="887 1260 1582 1292">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1582 1260 1667 1292">71.824</td> <td data-bbox="1667 1260 1797 1292"></td> </tr> <tr> <td colspan="4" data-bbox="887 1292 1582 1325">COMBINED VOLUME:</td> <td data-bbox="1582 1292 1667 1325">5824 Cu. In. APPROX.</td> <td data-bbox="1667 1292 1797 1325"></td> </tr> <tr> <td colspan="4" data-bbox="887 1325 1582 1346">SHIP TONNAGE:</td> <td data-bbox="1582 1325 1667 1346">0.0338 T</td> <td data-bbox="1667 1325 1797 1346"></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO COMPASS UNIT BC-431-A	7 7/8	12	19 13/16	42.0	RESTRICTED	2-RADIO CONTROL BOX BC-432-B	7 1/2	7 1/2	3 15/16	8.0 (14# EA.)	RESTRICTED	LOOP LP-19-A	25 3/8	13 1/2	9	7.06		2-COMPASS INDICATOR I-65-D	3 1/4	3 1/4	4 9/32	3.2 (1.8# EA.)	RESTRICTED	BEARING INDICATOR I-75-()					RESTRICTED	NOTES: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND FIGURES SHOWN ARE THEREFORE APPROXIMATE.						COMBINED WEIGHT OF COMPONENTS:				71.824		COMBINED VOLUME:				5824 Cu. In. APPROX.		SHIP TONNAGE:		
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SHIP TONNAGE:				0.0338 T																																																											

24-21202

THIS SHEET IS CLASSIFIED: RESTRICTED

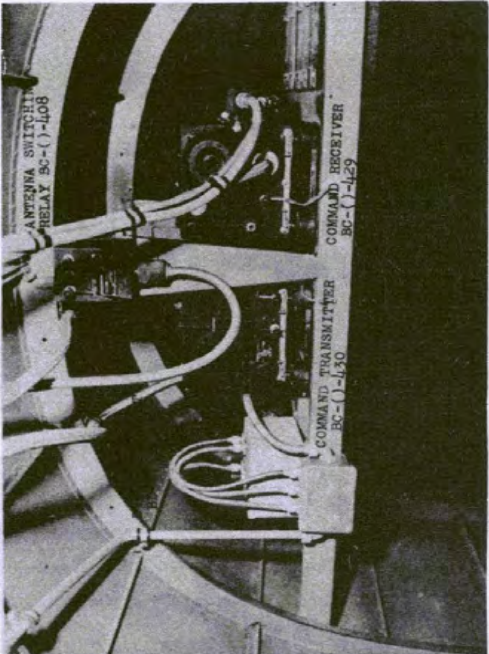
THIS SHEET IS CLASSIFIED: RESTRICTED.

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: LIMITED STANDARD DEC, 1942 CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-282																																																							
		PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 150 - 1,500 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: LOOP AND FIXED VERTICAL ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 - 28 VOLTS DC, AIRCRAFT BATTERY. SIMILAR SETS: SCR-242 WHICH USES 12 VOLT POWER SOURCE. POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 VT-86 6 VT-86 1 VT-87 1 VT-95 1 VT-94 2 VT-96	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: TO PROVIDE AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY OR VISUAL, UNI-DIRECTIONAL, RIGHT-LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE", AURAL RECEPTION OF MODULATED RADIO FREQUENCY. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-186 TRANSPORTATION: AIRCRAFT INSTALLATION TYPE OF SIGNAL: CW & MCW																																																							
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24-21558

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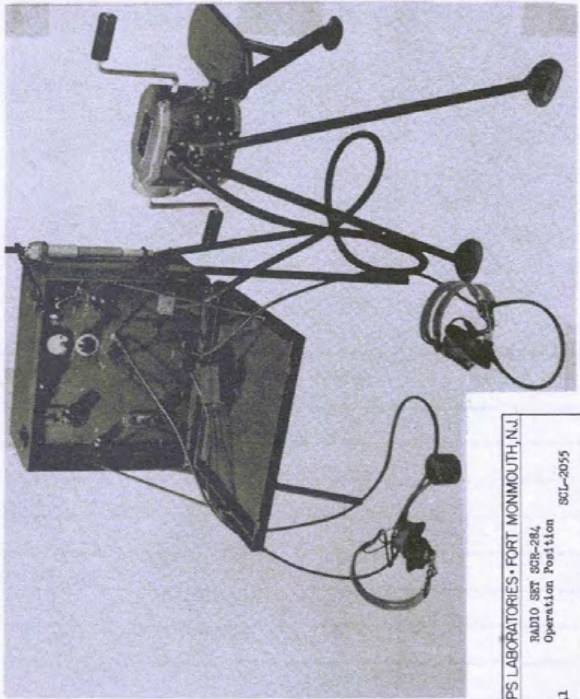
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <div style="text-align: right; font-size: 1.5em; font-weight: bold;">SCR-283</div>	
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">AT-9 AIRPLANE</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">AFT OF MAIN COMPARTMENT LOOKING TO THE REAR</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">INSTALLATION OF RADIO SET SCR-()-283</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, O.</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">AUG-44/65B-42</p> </div> </div>			<p>PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Kc) RECEIVING- 201-398 Kc, 4150-7700 Kc. TRANSMITTING- 2500-7700 Kc.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: REGR: 5 FT. VERTICAL MAST. TRANS: "T" OR "L" TYPE 16 TO 18 FT. LONG.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 24 VOLT PLANE BATTERY</p> <p>SIMILAR SETS: SCR-183 EXCEPT 24 V.</p> <p>POWER OUTPUT: (WATTS) 100 TONE; 100 VOICE.</p> <p>TUBE: (TYPE AND NUMBER) SCR-AL-283 USES:</p> <p style="margin-left: 20px;">4 TYPE 39 1 TYPE 37 1 TYPE 38 2 TYPE 10 2 TYPE 45 SPL.</p>	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:</p> <p>USE: COMMAND SET - PLANE-TO-PLANE; PLANE-TO-GROUND COMMUNICATIONS.</p> <p>RANGE: (MILES) 30-45 MILES PLANE-TO-PLANE. 100-200 MILES PLANE-TO-GROUND.</p> <p>TO COMMUNICATE WITH: OTHER EQUIPMENT WITHIN RANGE COVERING SAME FREQUENCIES.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: AIRBORNE</p> <p>TYPE OF SIGNAL: TONE, VOICE</p>	
<p align="center">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</p>					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
RADIO REGR. 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	
DYNAMOTOR BD-()-93				9.9	
RADIO CONTROL BOX BC-()-231	4 5/8	4	2 7/16	.9	
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 REGR OIL SETS (ONE IS A DUAL OIL)					
6 TRANS OIL SETS.					
COMBINED WEIGHT OF COMPONENTS:				43.3# (INCLUDING MINOR COMB)	
COMBINED VOLUME:				1.5 Cu.Ft.	
SHIP TONNAGE:					

24-21202

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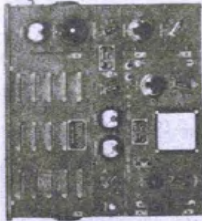

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD PRIOR TO JANUARY 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-284																																																		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) 3.8 to 5.8 NUMBER OF CRYSTALS: 1 IN CALIBRATOR. PRESET FREQUENCIES: NONE ANTENNA: 15' FIVE SECTION FISHPOLE TYPE FOR TRUCK USE. 25' EIGHT SECTION FISHPOLE WHEN STATIONARY OR FOR FIELD USE. TUNING: (MO OR XTAL) MO WITH XTAL CALIBRATOR. SENSITIVITY: SELECTIVITY: POWER SOURCE: HAND GENERATOR GN-45-A OR POWER UNIT PE-103-() (12 VOLT) REOVR. BY DRY BATTERIES OR VIBRATOR PE-104-() (6 OR 12 V.) SIMILAR SETS: SCR-288 POWER OUTPUT: (WATTS) HIGH POWER: CW-20; VOICE-5 LOW POWER: CW-8; VOICE-2. TUBES: (TYPE AND NUMBER) 1 BC-654-A TRANS. & REOVR. REOVR. 2 3Q 5 GT; 1 1-H 5 GT; 3 1-N 5 GT; 1 1-A 7 GT. TRANS: 4 3Q 5 GT; 2 307-A.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: INFANTRY, FIELD ARTILLERY, SIGNAL CORPS. ON GROUND OR IN VEHICLE. FOR COMMAND PURPOSES FROM DIV. HQ. DOWN TO AND IN- CLUDING BATTALIONS. FOR COMMUNICATIONS WITH TANK DESTROYER UNITS. RANGE: (MILES) CW-30; VOICE-7. TO COMMUNICATE WITH: SCR-131, 161, ()-183, 274-N, 284-(), 288, 536-(). TO REPLACE IN PART: SCR-131, 161, 171, 288. TRANSPORTATION: TWO OR THREE MEN, OR IN VEHICLE. TYPE OF SIGNAL: CW; VOICE.																																																	
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SIGNAL CORPS LABORATORIES-FORT MONMOUTH, N.J.
 RADIO SET SCR-284,
 Operation Position
 June 12, 1941

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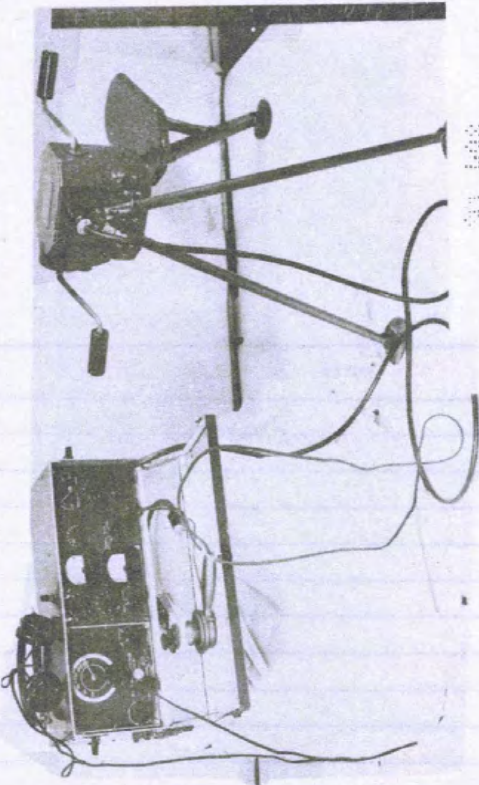
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-287																																																																																	
 RADIO RECEIVER BC-348-B  DYNAMOTOR UNIT PE-73-B			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: 1.5 - 18 RECVR. Mc. TRANS.- 1.5 - 12.5 Mc.; 260-500 Kc.; 650-1500 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE 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, SCR-260 POWER OUTPUT: (WATTS) 60 @ 12 Mc/s, 30 @ 1.5 Mc/s. TUBES: (TYPE AND NUMBER) SCR-287-A USES: TRANS: 1 VT-4-C RECVR: 1 VT-4B 1 VT-25 1 VT-65 1 VT-70 3 VT-86 1 VT-91 1 VT-95	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: AIRBORNE LIAISON SET. AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION. RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES. TO COMMUNICATE WITH: SCR-187, 274, 183, 283. TO REPLACE IN PART: TRANSPORTATION: INSTALLED IN AIRCRAFT. TYPE OF SIGNAL: CW; MCW; VOICE.																																																																																	
 RADIO TRANSMITTER BC-375-C  REEL RL-30-B PRINCIPAL COMPONENTS OF RADIO SET SCR-287-A			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RADIO RECEIVER BC-348-C</td> <td>18</td> <td>10 1/2</td> <td>9 1/2</td> <td>35.2</td> <td>RESTRICTED</td> </tr> <tr> <td>RADIO TRANSMITTER BC-375-C</td> <td>21 21/32</td> <td>23 1/8</td> <td>9 5/16</td> <td>53</td> <td>RESTRICTED</td> </tr> <tr> <td>ANTENNA TUNING UNIT BC-306-A</td> <td>17 3/4</td> <td>9 1/2</td> <td>9 1/8</td> <td>9.75</td> <td>RESTRICTED</td> </tr> <tr> <td>DYNAMOTOR PE-73-B</td> <td>11</td> <td>11</td> <td>7 1/2</td> <td>39</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-5-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-6-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-7-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-8-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-9-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-10-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-22-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> </tbody> </table> <p>NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</p> <table border="1"> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td>250# APPROX.</td> </tr> <tr> <td>COMBINED VOLUME:</td> <td>6 CU. FT. APPROX.</td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> </tr> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO RECEIVER BC-348-C	18	10 1/2	9 1/2	35.2	RESTRICTED	RADIO TRANSMITTER BC-375-C	21 21/32	23 1/8	9 5/16	53	RESTRICTED	ANTENNA TUNING UNIT BC-306-A	17 3/4	9 1/2	9 1/8	9.75	RESTRICTED	DYNAMOTOR PE-73-B	11	11	7 1/2	39		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		COMBINED WEIGHT OF COMPONENTS:	250# APPROX.	COMBINED VOLUME:	6 CU. FT. APPROX.	SHIP TONNAGE:	
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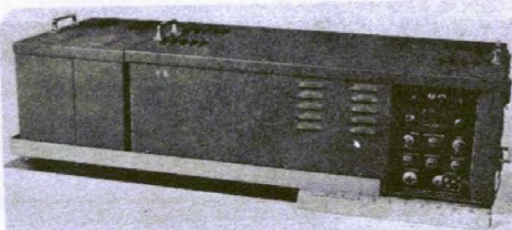
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	SUBST. STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-288																																
 <div data-bbox="761 552 856 893" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J. PORTABLE RADIO EQUIPMENT 5 WATT (MCA TYPE) READY FOR OPERATION </div>			<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: TRANS.: 3.5 - 6.3 (Mc) RECV.: 2.5 - 6.5 (Mc)</p> <p>NUMBER OF CRYSTALS:</p> <p>PRESET FREQUENCIES:</p> <p>ANTENNA: 35' STRAIGHT INSULATED WIRE SUSPENDED APPROXIMATELY 15" ABOVE GROUND, WITH COUNTER- POISE.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: TRANS: HAND GENERATOR GN-14-A. RECV.: GENERATOR GN-14-A OR DRY BATTERIES.</p> <p>SIMILAR SETS:</p> <p>POWER OUTPUT: (WATTS) 4 75% MODULATION ON VOICE AND CW.</p> <p>TUBES: (TYPE AND NUMBER)</p> <table border="0"> <tr><td>9</td><td>VT-107</td></tr> <tr><td></td><td>VT-146</td></tr> <tr><td></td><td>VT-147</td></tr> <tr><td></td><td>VT-148</td></tr> <tr><td></td><td>VT-149</td></tr> </table>	9	VT-107		VT-146		VT-147		VT-148		VT-149	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>USE: INF: B, REGT. BN. FA: Div. ARTY, REGT, BN. SIC Co.</p> <p>RANGE: (MILES) STATIONARY: 30 USING CW; 10 USING VOICE.</p> <p>TO COMMUNICATE WITH: SCR-131; 161; 193; 238; 245.</p> <p>TO REPLACE IN PART: SCR-131; 161; 171.</p> <p>TRANSPORTATION: 2 MAN LOAD.</p> <p>TYPE OF SIGNAL: CW; VOICE.</p>																						
9	VT-107																																			
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<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: UNCLASSIFIED)</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th><th colspan="3">DIMENSIONS</th><th rowspan="2">WEIGHT</th><th rowspan="2">CLASSIFICATION</th></tr> <tr> <th>HEIGHT</th><th>WIDTH</th><th>DEPTH</th></tr> </thead> <tbody> <tr> <td>BC-474-A</td><td>18"</td><td>9 1/2"</td><td>7 1/2"</td><td>84#</td><td></td></tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td><td>84#</td><td></td></tr> <tr> <td colspan="4">COMBINED VOLUME:</td><td></td><td></td></tr> <tr> <td colspan="4">SHIP TONNAGE:</td><td></td><td></td></tr> </tbody> </table>				ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	BC-474-A	18"	9 1/2"	7 1/2"	84#		COMBINED WEIGHT OF COMPONENTS:				84#		COMBINED VOLUME:						SHIP TONNAGE:					
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SHIP TONNAGE:																																				

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THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-293		
			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			FREQUENCY RANGE: (Mc) 20.0 - 28.0 NUMBER OF CRYSTALS: 5 IN REOVR. 5 IN TRANS. PRESET FREQUENCIES: 5 ANTENNA: 9' FISHPOLE AN-L2-A TYPE TO BE MOUNTED ON TURRET (WITH 2' EXTENSION FOR LOWER FREQ). TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V - VEHICULAR BATTERY. SIMILAR SETS: POWER OUTPUT: (WATTS) HIGH POWER-25 WATTS. LOW POWER-0.1-2.0 WATTS. TUBES: (TYPE AND NUMBER) SCR-293-A USES: 4 6AC7 4 12X8 5 12AB 4 12HG 2 12SJ7 2 12SA7 1 1625 2 12SL7GT		USE: AF: IN TANK UNITS UP TO BNS. RANGE: (MILES) 5 MOVING; 7 STATIONARY. TO COMMUNICATE WITH: SCR-293; 294; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-193; 245. TRANSPORTATION: TANK TYPE OF SIGNAL: VOICE (FM)	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
LINK TRANS., REOVR. TYPE, 25 UFX, AND SEPARATE REOVR. TYPE, 11 TKR. TRANS. & REOVR. BC-500 REOVR. BC-499.		12"x14 1/2"x 3 1/4" TO BE PLACED IN LEFT SPONSON OF LIGHT TANK (2.6 CU.FT.)			115#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.

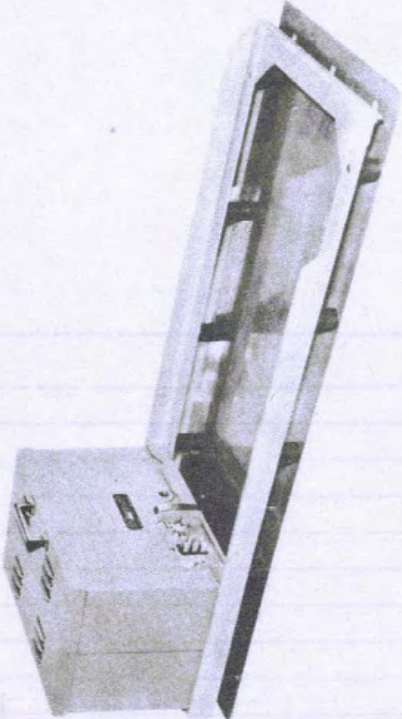
 RADIO SET SCR-293
 FRONT VIEW

APRIL 16, 1941

SCL-738

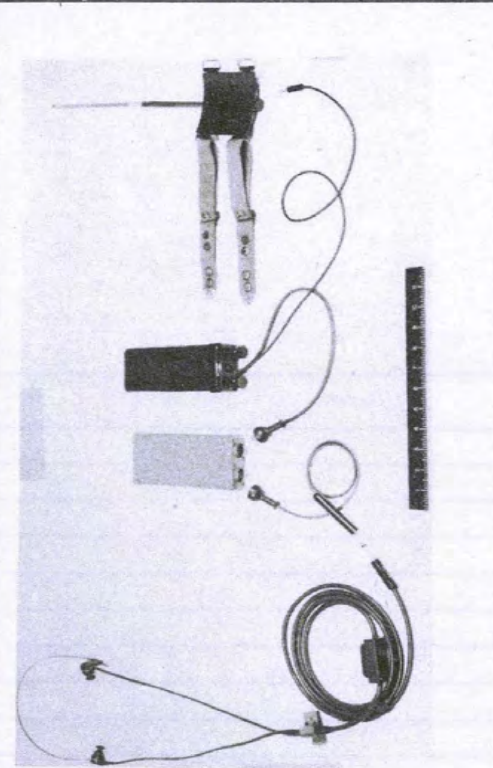
THIS SHEET IS CLASSIFIED: RESTRICTED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-294																															
 <p style="text-align: right; margin-right: 10px;"> <small>NO. 80-26577</small> <small>DATA 1-20-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J.</small> </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0 (RECEIVER ONLY) NUMBER OF CRYSTALS: 5 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 - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AF: IN TANKS AND VEHICLES. RANGE: (MILES) TO COMMUNICATE WITH: SCR-293; 508; 509; 510; 528. TO REPLACE IN PART: SCR-210 TRANSPORTATION: TANKS AND VEHICLES. TYPE OF SIGNAL: FM RECEIVER.																														
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																
			<table border="1"> <thead> <tr> <th data-bbox="872 917 1323 966" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1323 917 1570 966">DIMENSIONS</th> <th data-bbox="1570 917 1666 966" rowspan="2">WEIGHT</th> <th data-bbox="1666 917 1784 966" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1323 966 1399 1015">HEIGHT</th> <th data-bbox="1399 966 1494 1015">WIDTH</th> <th data-bbox="1494 966 1570 1015">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="872 1015 1323 1242">BC-499-A</td> <td data-bbox="1323 1015 1399 1242">14"</td> <td data-bbox="1399 1015 1494 1242">14 1/2"</td> <td data-bbox="1494 1015 1570 1242">3 1/4"</td> <td data-bbox="1570 1015 1666 1242">56#</td> <td data-bbox="1666 1015 1784 1242">RESTRICTED</td> </tr> <tr> <td data-bbox="872 1242 1323 1274">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1323 1242 1399 1274"></td> <td data-bbox="1399 1242 1494 1274"></td> <td data-bbox="1494 1242 1570 1274"></td> <td data-bbox="1570 1242 1666 1274">56#</td> <td data-bbox="1666 1242 1784 1274"></td> </tr> <tr> <td data-bbox="872 1274 1323 1307">COMBINED VOLUME:</td> <td data-bbox="1323 1274 1399 1307"></td> <td data-bbox="1399 1274 1494 1307"></td> <td data-bbox="1494 1274 1570 1307"></td> <td data-bbox="1570 1274 1666 1307">0.6 cu. ft.</td> <td data-bbox="1666 1274 1784 1307"></td> </tr> <tr> <td data-bbox="872 1307 1323 1331">SHIP TONNAGE:</td> <td data-bbox="1323 1307 1399 1331"></td> <td data-bbox="1399 1307 1494 1331"></td> <td data-bbox="1494 1307 1570 1331"></td> <td data-bbox="1570 1307 1666 1331"></td> <td data-bbox="1666 1307 1784 1331"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	BC-499-A	14"	14 1/2"	3 1/4"	56#	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				56#		COMBINED VOLUME:				0.6 cu. ft.		SHIP TONNAGE:		
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																														
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BC-499-A	14"	14 1/2"	3 1/4"	56#	RESTRICTED																														
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COMBINED VOLUME:				0.6 cu. ft.																															
SHIP TONNAGE:																																			

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1 style="margin: 0;">SCR-295</h1>	
 <p style="text-align: right; margin-top: 10px;">RADIO SET SCR-295 (Barton Model) Components, Showing Cable Connections</p> <p style="font-size: small; text-align: right;">DATE 5-30-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - WD 88-1095</p>			PART A—TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	PART B—MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
			FREQUENCY RANGE: (Mc) 2.0 - 5.8 (RECEIVER ONLY) NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES FOR 8 HRS. OPERATION. SIMILAR SETS: NONE POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 2 1T4; 1 1R5; 1 1S5; 1 1L4.	USE: COMMANDERS OF FORWARD INFANTRY UNITS TO PERMIT VOICE RECEPTION FROM REGIMENTAL AND BATTALION HEADQUARTERS; SIGNAL CORPS. RANGE: (Miles) TO COMMUNICATE WITH: SCR-245; 268; 284. TO REPLACE IN PART: NONE TRANSPORTATION: RECEIVER TO BE CARRIED IN BREAST POCKET, OR IN POUCH. TYPE OF SIGNAL: VOICE (AM)		
PART C—PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
RECEIVER		7 3/4"	3 5/16"	1 1/2"	2 1/2#	
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

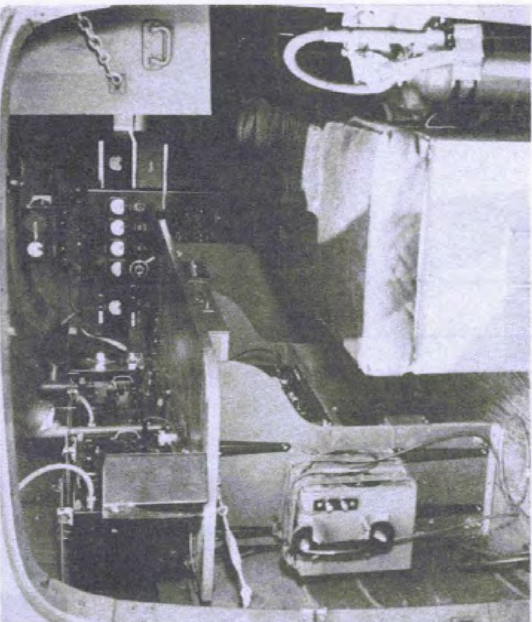
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-298	
<p><u>SET UNDER DEVELOPMENT</u></p> <p><u>NO PHOTOGRAPHS AVAILABLE</u></p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) <p>FREQUENCY RANGE: (Mc) 30 - 40</p> <p>NUMBER OF CRYSTALS: 1</p> <p>PRESET FREQUENCIES: 1 (NO SELECTION)</p> <p>ANTENNA: WHIP</p> <p>TUNING: (MO OR XTAL) XTAL</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 6 V VEHICULAR BATTERY.</p> <p>SIMILAR SETS: SCR-293</p> <p>POWER OUTPUT: (WATTS) 25</p> <p>TUBES: (TYPE AND NUMBER) EARLY MODEL USES: 1 EARLY LINK 11-UF MODEL RECV. - 2 6K8; 1 608G; 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 LATE MODEL USES: 1 35UFM (ED 2 OR 3); 1 11UF (ED 3).</p>		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) <p>USE: FA: USED BY FIRE UMPIRE PERSONNEL.</p> <p>RANGE: (MILES)</p> <p>TO COMMUNICATE WITH: SCR-608; 628; 808; 828; 609; 610.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: VEHICLE</p> <p>TYPE OF SIGNAL: VOICE (FM)</p>
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
TRANS. 25-UFM	9 " 17 " 8 1/4"	29 #			
RECV. 11-UF	9 " 13 " 7 1/2"	17 1/2#			
POWER UNIT VPA-3A	8 1/2" 4 1/4" 5 "	7 1/4#			
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

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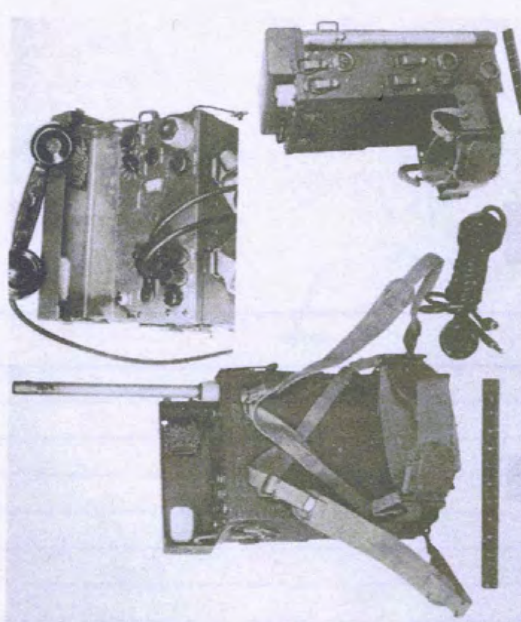
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-299-E				
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 2 - 18 NUMBER OF CRYSTALS: 36 FURNISHED. PRESET FREQUENCIES: 3 ANTENNA: 15' WHIP OR LONG WIRE. TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: COMMERCIAL 110V AC OR PE-95. SIMILAR SETS: SCR-299-A,B,C,D. POWER OUTPUT: (WATTS) 400 CW, 300 VOICE (2-8Mc) 300-CW, 250-VOICE (8-12); 275-CW, 200-VOICE (12-18). TUBES: (TYPE AND NUMBER) SCR-299-A USES: 1 BC-312-() - 2 605; 1 6F6; 4 6K7; 1 6L7; 1 6R7; 1 BC-342-() - 2 605; 1 6F6; 4 6K7; 1 6L7; 1 6R7; 1 5WL - 1 BC-614-B - 3 6SN7GT; 1 6SR7; 1 6S47; 1 6J5; 1 80. 1 BC-610-B - 1 6V6; 1 6L6; 2 807; 1 250; 2 100; 2 2A3; 2 5Z3; 2 866A; 3 VR150-30.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: SIG C, AC, AF, FA, OAV, INF. FORM A - COMPONENTS INSTALLED IN SHELTER HO-17. FORM B - COMPONENTS PACKAGED FOR AIRBORNE SHIPMENT (NO SHELTER OR TRAILER PROVIDED) RANGE: (MILES) 250-CW; 100-VOICE. TO COMMUNICATE WITH: SCR-177; ()-183; 187; 193; 209; 197; 237; 238; 245; 274-N; 284; 287; ()-283; 506; 285; 288; 511; 536; 543; 583. TO REPLACE IN PART: SCR-197 TRANSPORTATION: POWER UNIT PE-95 IN 1 TON TRAILER. SHELTER HO-17 WITH COMPONENTS INSTALLED MOUNTS ON 2 1/2 TON, 6X6 CARGO TRUCK (TRUCK NOT PART OF SET) (LONG WHEELBASE). TYPE OF SIGNAL: CW; VOICE (AM)			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
			ITEM TRANS. BC-610 REOVR. BC-312 & BC-342 SPEECH AMPLIFIER BC-614 ANT. TUNING UNIT BC-939	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION RESTRICTED RESTRICTED RESTRICTED
			COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:		(RADIO COMPONENTS ONLY) 1000# APPROX.			

 RADIO SET SCR-299-E
 Truck K31 - Operating Table

24-21282

THIS SHEET IS CLASSIFIED RESTRICTED

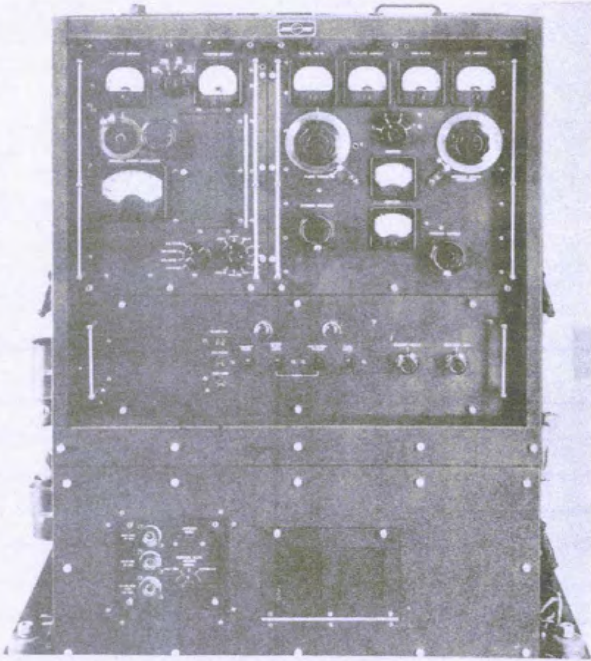
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-300																																	
CHANGE IN STATUS:			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 40.0 - 48.0 NUMBER OF CRYSTALS: 2 PRESET FREQUENCIES: None ANTENNA: FISHPOLE TYPE--PROVISION FOR HALF RHOMBIC DIRECTIONAL ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: LIGHT OR HEAVY DUTY (FOR LONGER OPER- ATIONAL HOURS) PLUS-IN TYPE DRY CELL BATTERY CONTAINING THE VOLTAGES FOR ALL TUBE ELEMENTS IN ONE UNIT. SIMILAR SETS: SCR-194 and 195. POWER OUTPUT: (WATTS) APPROX. 1 TUBES: (TYPE AND NUMBER) VHF PORTABLE. 1 6C-1000 (NO SUFFIX YET); 1 TYPE 1-R-5; 3 TYPE 1-S-5; 6 TYPE 1-T-4; 1 TYPE 1-A-3; 5 TYPE 1-L-4; 2 TYPE 3-A-4.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: INFANTRY, FIELD ARTILLERY, COAST ARTILLERY, ADVANCED FA, CA, AND INF UNITS. RANGE: (MILES) 5 TO 7 TO COMMUNICATE WITH: SCR-300 ONLY. TO REPLACE IN PART: SCR-194 and 195. TRANSPORTATION: MAN-PACK. TYPE OF SIGNAL: FM; VOICE.																																		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																			
			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RECVR. & TRANS. 6C-1000 W/BATTERY (APPROX.)</td> <td>15"</td> <td>10"</td> <td>6"</td> <td>32#</td> <td></td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td>1200 Cu. Ft.</td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RECVR. & TRANS. 6C-1000 W/BATTERY (APPROX.)	15"	10"	6"	32#		COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:				1200 Cu. Ft.		SHIP TONNAGE:					
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24-21262

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CANCELLED CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-505			
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:) FREQUENCY RANGE: (Mc) 1.5 to 18.0 NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: TUNING: (MO or XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR HOUSED IN TRAILER TO SUPPLY POWER FOR TRANSMITTER, RE- CEIVER, LIGHTS, HEAT AND VENTILATION SIMILAR SETS: SCR-197-(), 299 POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: A.F. CORPS & DIVS. WITH HIGHER Hqs. & TRAINS, REAR INSTALLATIONS & AIR CORPS. RANGE: (Miles) 100 MILES MOVING, 250 MILES HALTED (VOICE) TO COMMUNICATE WITH: TO REPLACE IN PART: NONE TRANSPORTATION: TRUCK TRAILER TYPE OF SIGNAL: CW; TONE; VOICE.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
TRANS. 1						
RECEIVERS 3						
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

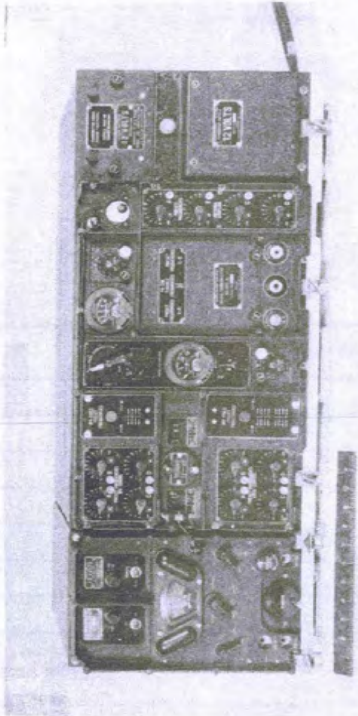
RADIO SET SCR-505
 Showing Transmitter EP-100 (Proposed for Radio Set SCR-505) . Front View

DATE 2-3-42 SIGNAL CENTER LABORATORIES FORT MONMOUTH N. J. NO. 2852

24-21262

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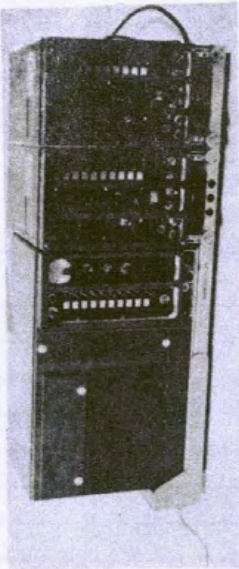
THIS SHEET IS CLASSIFIED. RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-506																																																					
 <div style="position: absolute; right: 10px; top: 50%; transform: translateY(-50%); font-size: small;"> RADIO RECEIVER BC-652-A. RADIO TRANSMITTER BC-653-A. PART OF RADIO SET SCR-506-A Front View SIGNAL CORPS GROUND SIGNAL SERVICE NO. SC-506-7908 DATE 2-20-43 </div>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) 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. INPUT. SIMILAR SETS: POWER OUTPUT: (WATTS) 100 CW; 25 WATTS VOICE TUBES: (TYPE AND NUMBER) SCR-506-() USES: 1-BC-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-BC-653-A; 1-807; 2-814; 2-1613; 2-VR-105-20. REMARKS: 506-A ALSO LISTED: HAS 18 TUBES, ALSO IDENTICAL WITH SCR-506-() SHOWN ABOVE.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: TD; ARMO F; CAV; ENGRS; FA; SIG C; USED IN LIGHT TANK M-3 & IN OTHER ARMORED VEHICLES. RANGE: (MILES) 70 CW; 25 VOICE. TO COMMUNICATE WITH: SAME AS SCR-245; SCR-131, 171, 187, 193, 203, 209, 210, 238, 245, 259, 287. TO REPLACE IN PART: SCR-193-IN AF TRANSPORTATION (AND OPERATION): IN VEHICLE IN WHICH SET IS INSTALLED. TYPE OF SIGNAL: CW; VOICE (AM)																																																					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																																						
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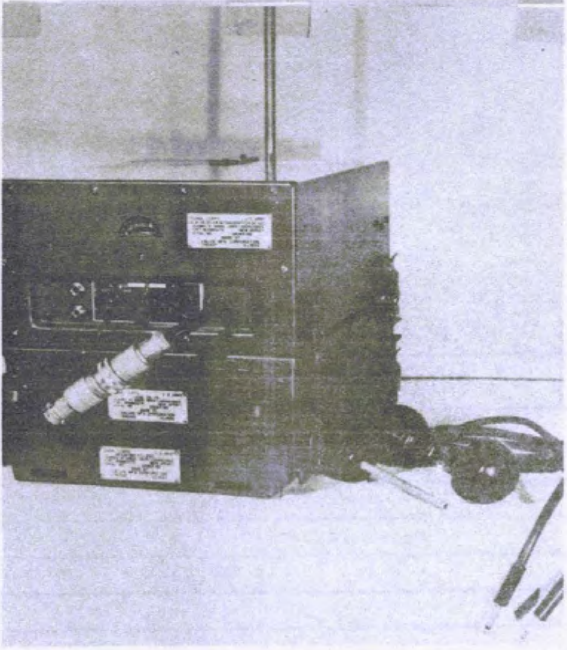
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-508																																																
 <div data-bbox="681 656 814 1255" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N.J. 508-() (12V MODEL AF-111A) RADIO SET SCR-524-() (24V MODEL AF-111A) FRONT VIEW APRIL 23, 1941 SCL-747 </div>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 to 28.0 NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 10 (PUSH BUTTON SELECTION). ANTENNA: 9 FT. FISHPOLE. TUNING: (MO OR XTAL) XTAL. SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 VOLT BATTERY. SIMILAR SETS: SCR-608-() EXCEPT FREQUENCY. POWER OUTPUT: (WATTS) 25 100% MODULATION. TUBES: (TYPE AND NUMBER) 8C-603-C REOVR. 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 SO 7; 2 TUBES TYPE 6 SL 7 GT. 8C-604-C TRANS: 7 TYPE 1619 TUBES; 1 TYPE 1624 TUBES.		PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: ARMORED FORCE, FIELD ARTILLERY. INSTALLATION IN COMMAND TANKS AND VEHICLES OF AF, GHQ., CORPS AND DIVS WHERE IT IS NECESSARY TO MONITOR 2 FREQUENCIES SIMULTANEOUSLY. RANGE: (MILES) 7 IN MOTION. TO COMMUNICATE WITH: SCR-293-A, 294-A, 508-(), 509-(), 510-(), 520-(), 538-(). TO REPLACE IN PART: SCR-193-(), 245-(), 293-(). TRANSPORTATION: VEHICLE. TYPE OF SIGNAL: Voice; FM.																																															
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:) <table border="1"> <thead> <tr> <th data-bbox="887 959 1334 1000" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1334 959 1591 976">DIMENSIONS</th> <th data-bbox="1591 959 1671 1000" rowspan="2">WEIGHT</th> <th data-bbox="1671 959 1804 1000" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1334 976 1420 1000">HEIGHT</th> <th data-bbox="1420 976 1506 1000">WIDTH</th> <th data-bbox="1506 976 1591 1000">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="887 1000 1334 1032">TRANS. 8C-604</td> <td></td> <td></td> <td></td> <td data-bbox="1591 1000 1671 1032">67#</td> <td data-bbox="1671 1000 1804 1032"></td> </tr> <tr> <td data-bbox="887 1032 1334 1065">REOVR. (2) 8C-603</td> <td></td> <td></td> <td></td> <td data-bbox="1591 1032 1671 1065">70#(35#EA.)</td> <td data-bbox="1671 1032 1804 1065"></td> </tr> <tr> <td data-bbox="887 1065 1334 1097">MOUNTING BASE FT-237</td> <td></td> <td></td> <td></td> <td data-bbox="1591 1065 1671 1097">44#</td> <td data-bbox="1671 1065 1804 1097"></td> </tr> <tr> <td data-bbox="887 1097 1334 1130">VEHICLE ANTENNA</td> <td></td> <td></td> <td></td> <td data-bbox="1591 1097 1671 1130">--</td> <td data-bbox="1671 1097 1804 1130"></td> </tr> <tr> <td colspan="4" data-bbox="887 1284 1334 1300">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1591 1284 1671 1300">181#</td> <td data-bbox="1671 1284 1804 1300"></td> </tr> <tr> <td colspan="4" data-bbox="887 1300 1334 1317">COMBINED VOLUME:</td> <td data-bbox="1591 1300 1671 1317"></td> <td data-bbox="1671 1300 1804 1317"></td> </tr> <tr> <td colspan="4" data-bbox="887 1317 1334 1333">SHIP TONNAGE:</td> <td data-bbox="1591 1317 1671 1333"></td> <td data-bbox="1671 1317 1804 1333"></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. 8C-604				67#		REOVR. (2) 8C-603				70#(35#EA.)		MOUNTING BASE FT-237				44#		VEHICLE ANTENNA				--		COMBINED WEIGHT OF COMPONENTS:				181#		COMBINED VOLUME:						SHIP TONNAGE:		
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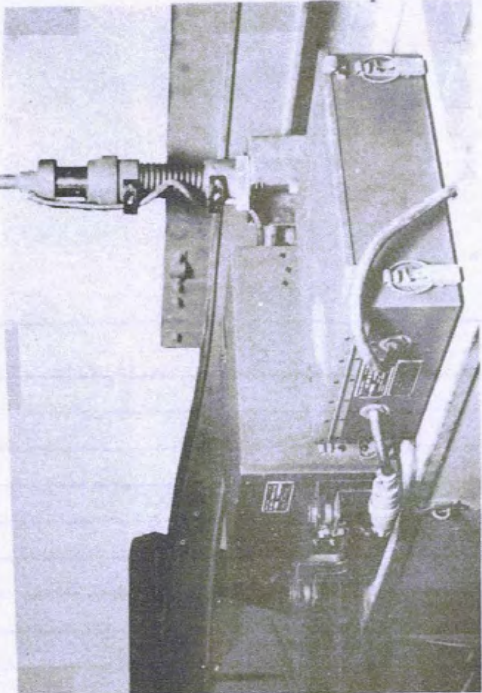
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-509																																		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0 NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 2 ANTENNA: 8 FT. FISHPOLE (ANT. AN-45) TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES BA-39; BA-40; BA-41. SIMILAR SETS: SCR-510 EXCEPT POWER SUPPLY. 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. 1 PE-97 - 1 VR-90-30; 1 CK1005.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: <u>ARMED FORCE</u> : TK BN; ARMED REGT; INF REGT. SHORT RANGE RECONNAISSANCE AND SIMILAR MISSIONS. RANGE: (MILES) 5 ON GROUND. TO COMMUNICATE WITH: SCR-293; 294; 508; 510; 509; 528; 536. TO REPLACE IN PART: SCR-195 WITHIN THE ARMORED FORCE. TRANSPORTATION: MAN ON FOOT OR IN ANY VEHICLE. TYPE OF SIGNAL: VOICE; (FM)																																		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																			
RADIO SET SCR-509 Setup for Operation - 3/4 View DATE 12-24-43 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. REC- 2456			<table border="1"> <thead> <tr> <th data-bbox="891 938 1340 979" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1340 938 1587 963">DIMENSIONS</th> <th data-bbox="1587 938 1683 963">WEIGHT</th> <th data-bbox="1683 938 1803 963">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1340 963 1416 979">HEIGHT</th> <th data-bbox="1416 963 1511 979">WIDTH</th> <th data-bbox="1511 963 1587 979">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="891 979 1340 1263">RADIO RECVR. & TRANS. BC-620</td> <td data-bbox="1340 979 1416 1263"></td> <td data-bbox="1416 979 1511 1263"></td> <td data-bbox="1511 979 1587 1263"></td> <td data-bbox="1587 979 1683 1263"></td> <td data-bbox="1683 979 1803 1263">RESTRICTED</td> </tr> <tr> <td data-bbox="891 1263 1340 1287">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1340 1263 1416 1287"></td> <td data-bbox="1416 1263 1511 1287"></td> <td data-bbox="1511 1263 1587 1287"></td> <td data-bbox="1587 1263 1683 1287">50#</td> <td data-bbox="1683 1263 1803 1287"></td> </tr> <tr> <td data-bbox="891 1287 1340 1312">COMBINED VOLUME:</td> <td data-bbox="1340 1287 1416 1312"></td> <td data-bbox="1416 1287 1511 1312"></td> <td data-bbox="1511 1287 1587 1312"></td> <td data-bbox="1587 1287 1683 1312">1.3 CU. FT.</td> <td data-bbox="1683 1287 1803 1312"></td> </tr> <tr> <td data-bbox="891 1312 1340 1341">SHIP TONNAGE:</td> <td data-bbox="1340 1312 1416 1341"></td> <td data-bbox="1416 1312 1511 1341"></td> <td data-bbox="1511 1312 1587 1341"></td> <td data-bbox="1587 1312 1683 1341"></td> <td data-bbox="1683 1312 1803 1341"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO RECVR. & TRANS. BC-620					RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				50#		COMBINED VOLUME:				1.3 CU. FT.		SHIP TONNAGE:					
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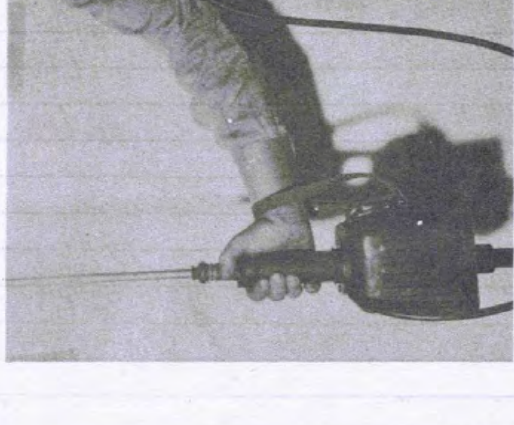
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THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-510			
 <p style="text-align: center;"> <small>PRINCIPAL COMPONENTS OF RADIO SET SCR-510-() - MAST BASE WP-48 Installed on Right Front Ammunition Box of 81 mm Mortar Carrier M4. Front 3/4 View</small> </p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0. NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 2 ANTENNA: 8 FT. TELESCOPIIC MAST. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES OR VIBRATOR PACK FOR OPERATION FROM ANY 6 OR 12 V VEHICULAR BATTERY. SIMILAR SETS: SCR-509 WHICH USES DRY BATTERIES ONLY. POWER OUTPUT: (WATTS) 1.8 100% MODULATION. TUBES: (TYPE AND NUMBER) SCR-510-A USES: 1 8C-620-A - 4 1LN5; 1 1LC6; 4 1299; 1 1294; 1 1LH4; 2 1291. 1 PE-97-A - 1 VR30-30; 1 CK1005.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FA: ARMD BTRY; MED: CO BN ARMD; SIG C: CO ARMD; ARMD F; TD: BN. USED BY FORWARD OBSERVERS FOR LIAISON PURPOSES. RANGE: (MILES) 5 IN MOTION. TO COMMUNICATE WITH: SCR-293-A; 294-A; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-194; 195. TRANSPORTATION: TRANSPORTED & OPERATED IN VEHICLE OR CARRIED BY MAN ON FOOT. TYPE OF SIGNAL: VOICE (FM)			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
RECVR. & TRANS. 8C-620 PE-97		HEIGHT	WIDTH	DEPTH		RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					65#	
COMBINED VOLUME:					1.3 cu. ft.	
SHIP TONNAGE:						

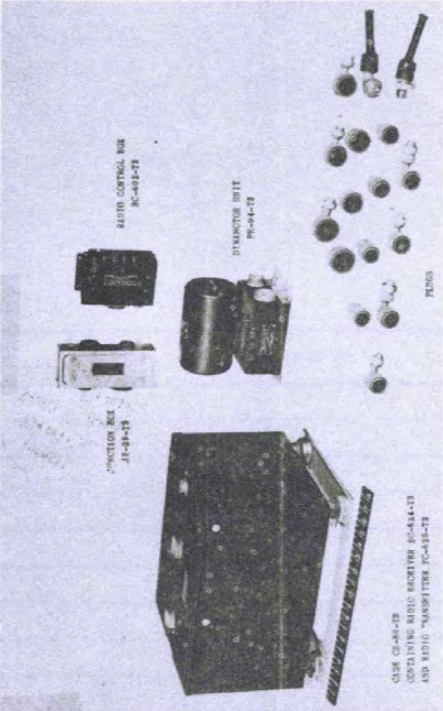
24-21262

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE : 0370/41230 DESIGNATION: SCR-511		
CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
			FREQUENCY RANGE: (Mc) 3.0 - 6.0. NUMBER OF CRYSTALS: 2 IN EACH TUNING UNIT; 13 TUNING UNITS/ SET AUTHORIZED. PRESET FREQUENCIES: 1 TUNING UNIT INSTALLED; 1 SPARE TUNING UNIT CARRIED WITH SET. ANTENNA: TELESCOPE MAST. THIS ANTENNA ACTUATES SET'S ON-OFF SWITCH WHEN EXTENDED. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: INTEGRAL DRY BATTERIES BA-49. SIMILAR SETS: NONE POWER OUTPUT: (WATTS) 0.75 TUBE: (TYPE AND NUMBER) SCR-511-B USES: 1 6C-745 - 1 1S5; 3 1T4; 5 534.	USE: Cav. Tr; Engr. Co. & Tr; Inf: Para, Mtn, & Airborne Units; Sig Co; Co Mtn Div; Co Mtn Div; Co Amphibian. RANGE: (MILES) 5 NORMAL (10 TO 25 OPTIMUM) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: MAN ON FOOT, HORSE, OR VEHICLE. TYPE OF SIGNAL: Voice (AM)		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
GUIDON STAFF, CHEST UNIT, 6 TUNING UNITS						
COMBINED WEIGHT OF COMPONENTS:					20#	
COMBINED VOLUME:					0.5 cu ft	
SHIP TONNAGE:						

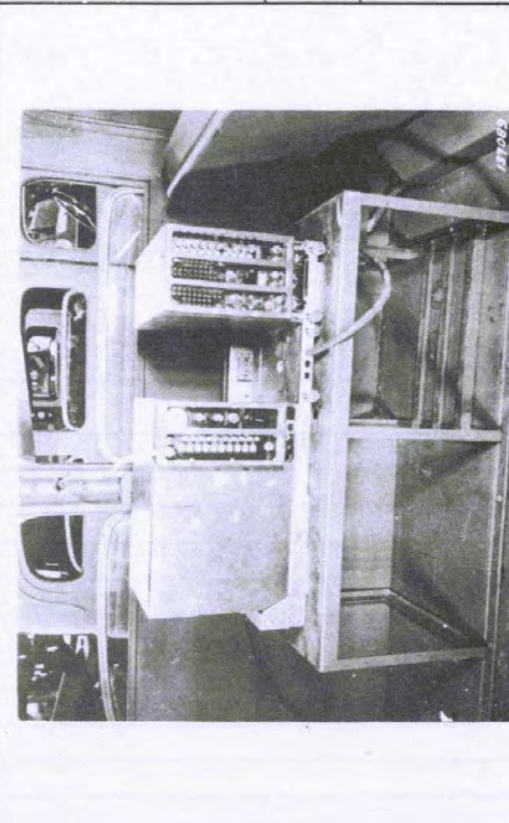
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-522		
 <p> <small> RADIO CONTROL BOX SC-405-23 DYNAMOTOR UNIT PE-44-13 TUBES FUNCTION SET J1-49-13 CABLE ASSEMBLY SC-44-13 AND RADIO TRANSMITTER SC-44-13 </small> </p> <p> <small> AIR-522-42 PRINCIPAL COMPONENTS OF RADIO SET SCR-522-13: MADE BY BENDIX RADIO DIVISION OF BENDIX AVIATION CORP., ON ORDER NO. 409-ARL-42 AIRCRAFT RADIO LANGUAGE, WEIGHT FIXED, 6810 OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION </small> </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (MO) 100 - 156 Mhz NUMBER OF CRYSTALS: 8 (4 TRANS. 4 RECVR.) PRESET FREQUENCIES: 4 PRESET CHANNELS BOTH RECVR. & TRANS. ANTENNA: AN-74 & AN-74-A; AN-104 & AN-104-A - 1/4 WAVE, VERTICAL MAST. TUNING: (MO OR XTAL) CRYSTAL TUNING SENSITIVITY: SELECTIVITY: POWER SOURCE: 28 VOLTS. PRIMARY SOURCE AND PE-94-() SIMILAR SETS: RADIO SET SCR-542-(12 VOLT VERSION OF SCR-522-()). POWER OUTPUT: (WATTS) 6 WATTS TONE & VOICE. TUBES: (TYPE AND NUMBER) SCR-522-A USES: 1 - 12J5GT 3 - 12SG7 1 - 1208 2 - 632 1 - 9002 1 - 12A6 3 - 9003 2 - 6866 1 - 12AH7GT 2 - 6887		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AIR CORPS - USED IN ALL TYPES OF AIRCRAFT. FOR: AIR-TO-AIR; AIR-TO-GROUND COMMUNI- CATION. RANGE: (MILES) 130 AT 10,000 FEET. (LINE OF SIGHT) TO COMMUNICATE WITH: VHF COMPONENTS OF RADIO SET SCR-274-N. AIR-TO-AIR. SCS-2 AND SCS-3 AIR-TO-GROUND. TO REPLACE IN PART: SCR-624 TRANSPORTATION: AIRBORNE INSTALLATION. TYPE OF SIGNAL: TONE & VOICE.	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
RADIO TRANS. BC-625, RADIO RECVR. BC-624		HEIGHT	WIDTH	DEPTH	91#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					91# APPROX.	
COMBINED VOLUME:					1.8 CU. FT. APPROX.	
SHIP TONNAGE:						

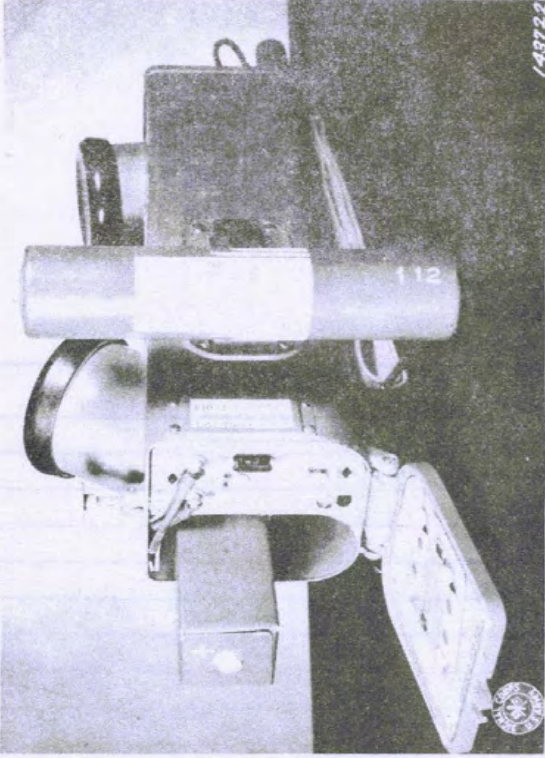
24-21262

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-528				
CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MC) 20.0 TO 27.9 NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 10 ANTENNA: 9 FOOT FISHPOLE TUNING (MO OR XTAL): XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 V; (XMTA) DM-35 (ROVR) DM-34 24 V; (XMTA) DM-37 (ROVR) 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-BC-603-C REG.; 1-6H6; 1-6V5; 1-6V6GT; 3-6AC7/ 1852; 2-12 SL7 GT. 1-BC-604-C TRANS. 7-1619; 1-1624. (TUBE CONTENTS MAY VARY IN DIFFERENT MODELS. MODEL 528-C IS CITED TO SHOW TUBE CONTENT AS BEING FAIRLY TYPICAL.)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: CW ; ENCRB; FA; MED DEPT; QMC; ARMD F; INTERMEDIATE COMMAND TASKS & VEHICLES OF ARMORED FORCE, GHQ, CORPS AND DIVISIONS. RANGE: (MILES) 7 WHILE IN MOTION TO COMMUNICATE WITH: SCR-293, 294, 508, 509, 510, 528, 538. TO REPLACE IN PART: SCR-293, 245 IN ARMORED FORCE. TRANSPORTATION: AND OPERATION IN VEHICLES. TYPE OF SIGNAL: VOICE (FM)				
 <p style="text-align: right;">1/17/62</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); position: absolute; right: 10px; bottom: 10px;">FRAME PM-43 . AS USED WITH RADIO SET SCR-528- () Installed in Dodge Truck, 3 1/2-Ton 4 x 4 Carry-all</p>		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		TRANSMITTER BC-604 (INTEGRAL INTERPHONE) RECEIVER BC-603	14 "	14 1/2"	34"	175 #	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

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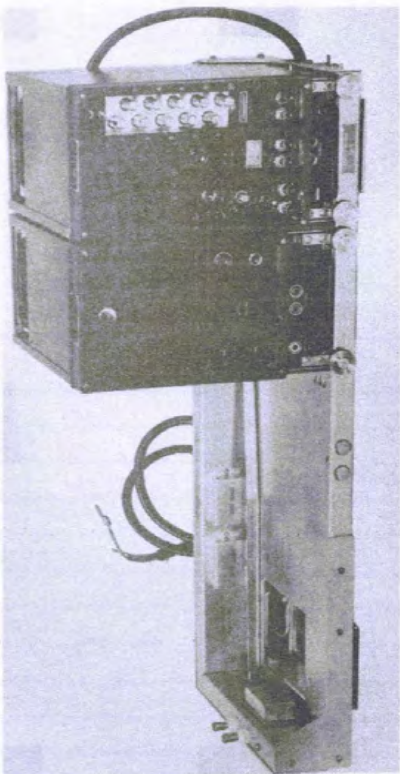
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-536																																
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 3.5 to 6.0 NUMBER OF CRYSTALS: THREE CRYSTALS COMPLETE WITH COIL UNITS, ARE FURNISHED, BUT CAN BE USED ONLY ONE AT A TIME. PRESET FREQUENCIES: SINGLE CRYSTAL CONTROLLED. ANTENNA: 144" WHIP ANTENNA - TELESCOPES INTO SET BOX. REGR. IS TURNED ON WHEN ANTENNA IS EXTENDED. TUNING: (MO OR XTAL) CRYSTAL. SENSITIVITY: SELECTIVITY: POWER SOURCE: SELF CONTAINED DRY BATTERIES. SIMILAR SETS: NONE. POWER OUTPUT: (WATTS) .015 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.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: USED BY PARACHUTE TROOPS, AIRBORNE TROOPS, AND ANTI-TANK UNITS OF THE INFANTRY FOR SHORT RANGE COMMUNICATION. RANGE: (MILES) 1 1/2 TO COMMUNICATE WITH: SCR-157-(), 158-(), 159-(), 245-(), 274-N, 283, 287-(), 288. TO REPLACE IN PART: NONE. TRANSPORTATION: MAN PACK (CARRIED IN POCKET OR POUCH). TYPE OF SIGNAL: VOICE ONLY.																															
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																	
			<table border="1"> <thead> <tr> <th data-bbox="883 959 1334 1000" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1334 959 1582 1000">DIMENSIONS</th> <th data-bbox="1582 959 1667 1000" rowspan="2">WEIGHT</th> <th data-bbox="1667 959 1791 1000" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1334 1000 1410 1032">HEIGHT</th> <th data-bbox="1410 1000 1496 1032">WIDTH</th> <th data-bbox="1496 1000 1582 1032">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="883 1032 1334 1284">REGR. & TRANS. BC-611</td> <td data-bbox="1334 1032 1410 1284">15 3/4"</td> <td data-bbox="1410 1032 1496 1284">5 3/8"</td> <td data-bbox="1496 1032 1582 1284">3 3/4"</td> <td data-bbox="1582 1032 1667 1284">5.5#</td> <td data-bbox="1667 1032 1791 1284"></td> </tr> <tr> <td data-bbox="883 1284 1334 1325">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1334 1284 1410 1325"></td> <td data-bbox="1410 1284 1496 1325"></td> <td data-bbox="1496 1284 1582 1325"></td> <td data-bbox="1582 1284 1667 1325">6 #</td> <td data-bbox="1667 1284 1791 1325"></td> </tr> <tr> <td data-bbox="883 1325 1334 1365">COMBINED VOLUME:</td> <td data-bbox="1334 1325 1410 1365"></td> <td data-bbox="1410 1325 1496 1365"></td> <td data-bbox="1496 1325 1582 1365"></td> <td data-bbox="1582 1325 1667 1365">480 Cu. IN.</td> <td data-bbox="1667 1325 1791 1365"></td> </tr> <tr> <td data-bbox="883 1365 1334 1406">SHIP TONNAGE:</td> <td data-bbox="1334 1365 1410 1406"></td> <td data-bbox="1410 1365 1496 1406"></td> <td data-bbox="1496 1365 1582 1406"></td> <td data-bbox="1582 1365 1667 1406">8 #</td> <td data-bbox="1667 1365 1791 1406"></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	REGR. & TRANS. BC-611	15 3/4"	5 3/8"	3 3/4"	5.5#		COMBINED WEIGHT OF COMPONENTS:				6 #		COMBINED VOLUME:				480 Cu. IN.		SHIP TONNAGE:				8 #
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION																														
	HEIGHT	WIDTH	DEPTH																																	
REGR. & TRANS. BC-611	15 3/4"	5 3/8"	3 3/4"	5.5#																																
COMBINED WEIGHT OF COMPONENTS:				6 #																																
COMBINED VOLUME:				480 Cu. IN.																																
SHIP TONNAGE:				8 #																																

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THIS SHEET IS CLASSIFIED: RESTRICTED

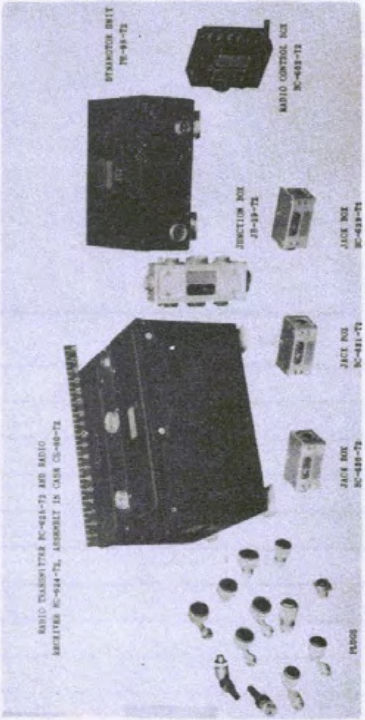
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-538	
 <p style="text-align: center;">RADIO SET SCR-538-A Front View</p> <p style="text-align: center;">NAVY 1-27-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NA SEC. 2755</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE (Mc) 20 TO 27.9 (RECEIVER ONLY) NUMBER OF CRYSTALS: PRESET FREQUENCIES: 10 - PUSH BUTTON SELECTION ANTENNA: 9 FT. FISHPOLE TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: VEHICLE BATTERY (12 V OR 24 V) SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-538 USES: 1-8C-603-A; 1-8C-605-A. 1-8C-603-A; 2-6 SL 7 GT; 1-6H6; 1-6J5; 1-6V6 GT; 3-6AC 7/1852; 2-12307. 1-605-A; 2-1619 TUBES.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: Cav; Mecz & Mtd; ARMD F; TANK AND MAINTENANCE UNITS. RANGE: (MILES) TO COMMUNICATE WITH: SCR-293, 508, 509, 510, 528 TO REPLACE IN PART: SCR-210, 294. TRANSPORTATION: TRANSPORTED AND OPERATED IN VEHICLES TYPE OF SIGNAL: VOICE (FM)	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
RECEIVER 8C-603, INTERPHONE AMP. 8C-605 MOUNTING BASE FT-237, ANT. MAST BASE MP-37 OR 57	14 " 14 1/2" 34 "	135 #	RESTRICTED		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21262

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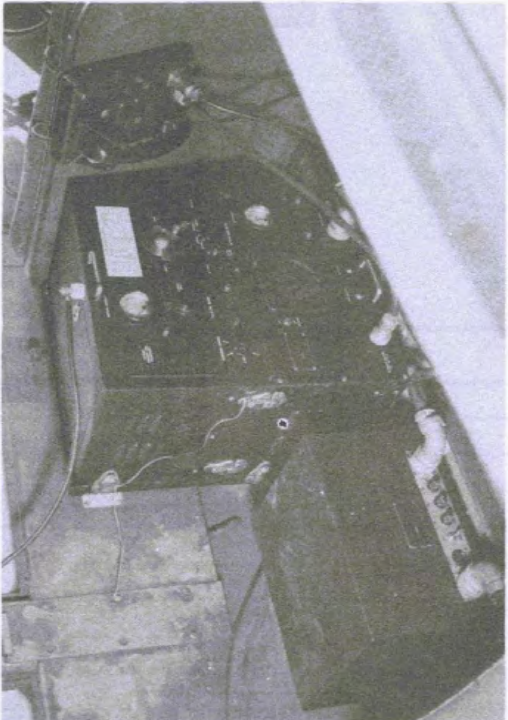
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-542	
 <p>PRINCIPAL COMPONENTS OF RADIO SET SCR-542-T2: MADE BY BENDIX RADIO CORPORATION ON ORDER NO. 1974-ARL-31</p> <p>AIRCRAFT RADIO LAMINATE, WEIGHT FIELD, 0810 OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (MO) 100 - 156 Mc. NUMBER OF CRYSTALS: 8 (4 TRANS. - 4 REOVR.) PRESET FREQUENCIES: 4 PRESET CHANNELS, BOTH REOVR. AND TRANS. ANTENNA: 1/4 WAVE, VERTICAL MAST - AN-74 & AN-74-A AN-104 & AN-104-A. TUNING: (MO OR XTAL) XTAL TUNING. SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT PRIMARY SOURCE AND PE-98-() SIMILAR SETS: SCR-522 (EXCEPT VOLTAGE) POWER OUTPUT: (WATTS) 6 WATTS TONE & VOICE. TUBE: (TYPE AND NUMBER)	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AIR CORPS - USED IN ALL TYPES OF AIRCRAFT. FOR AIR-TO-AIR, AIR-TO-GROUND COMMUNI- CATION. RANGE: (MILES) 150 AT 1000 FT. (LINE OF SIGHT). TO COMMUNICATE WITH: VHF COMPONENTS OF SCR-274-N, SCS-2, SCS-3 AND SCR-624. TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION. TYPE OF SIGNAL: TONE & VOICE.	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
TRANS. BC-(); REOVR. BC-()	HEIGHT	WIDTH	DEPTH	91 #	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				91 # APPROX.	
COMBINED VOLUME:				1.8 CU. FT. APPROX.	
SHIP TONNAGE:					

24-21 262

THIS SHEET IS CLASSIFIED: RESTRICTED

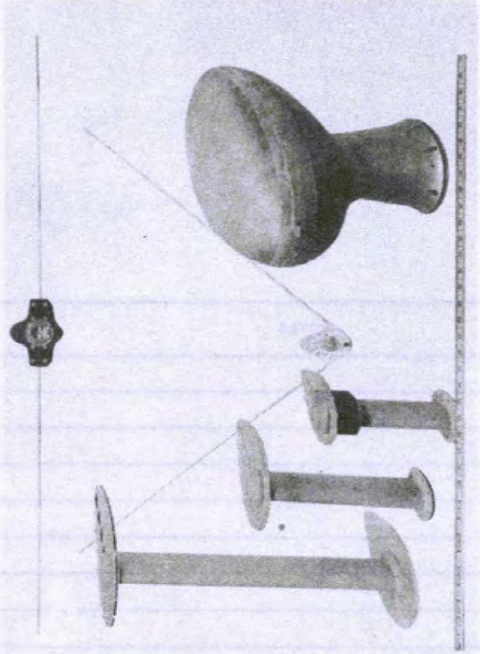
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	SUB. STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <div style="text-align: right; font-size: 1.5em; font-weight: bold;">SCR-543</div>																													
 <div style="position: absolute; right: 10px; top: 330px; transform: rotate(90deg); font-size: 0.8em;"> PRINCIPAL COMPONENTS OF RADIO SET SCR-543-A. MOUNTED ON ROADSIDE WALL OF DOORSE TRUCK. 3/4-TON X 4 CARRY-ALL Front View </div>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) <p> FREQUENCY RANGE: (Mc) 1.7 - 4.4. NUMBER OF CRYSTALS: 6 PRESET FREQUENCIES: 6 ANTENNA: 15' WHIP ANTENNA MS-50, 51, 52, 53. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: PE-110 115V AC PE-108 SIMILAR SETS: POWER OUTPUT: (WATTS) 45 TUBES: (TYPE AND NUMBER) SCR-543-C USES: 1 8C-669 - 1 6H6; 1 6J5; 2 807; 1 6L6; 4 6L6G; 3 6SK7; 1 12J5GT; 1 6SA7; 1 6K6GT. 1 PE-110-C - 1 TYPE 80; 4 5Z5. </p>	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) <p> USE: CAC: FIRING BTRY, BARRAGE BLN UNITS, & AA UNITS. </p> <p> RANGE: (MILES) 15 MOVING. 20-30 STATIONARY. </p> <p> TO COMMUNICATE WITH: </p> <p> TO REPLACE IN PART: </p> <p> TRANSPORTATION: VEHICLE. (CAN BE DISMOUNTED QUICKLY AND OPERATED WITH INCREASED RANGE AS FIELD STATION) </p> <p> TYPE OF SIGNAL: VOICE ONLY (AM). </p>																													
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="872 876 1323 917" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1323 876 1570 901">DIMENSIONS</th> <th data-bbox="1570 876 1646 901" rowspan="2">WEIGHT</th> <th data-bbox="1646 876 1776 901" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1323 901 1399 917">HEIGHT</th> <th data-bbox="1399 901 1485 917">WIDTH</th> <th data-bbox="1485 901 1570 917">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="872 917 1323 1201"> RECVR. & TRANS. BC-669, POWER UNIT PE-110, POWER UNIT PE-108. </td> <td data-bbox="1323 917 1399 1201" style="text-align: center;">28 1/2"</td> <td data-bbox="1399 917 1485 1201" style="text-align: center;">20 3/8"</td> <td data-bbox="1485 917 1570 1201" style="text-align: center;">29 3/4"</td> <td data-bbox="1570 917 1646 1201" style="text-align: center;">181#</td> <td data-bbox="1646 917 1776 1201" style="text-align: center;">RESTRICTED</td> </tr> <tr> <td data-bbox="872 1201 1323 1226"> COMBINED WEIGHT OF COMPONENTS: </td> <td data-bbox="1323 1201 1399 1226"></td> <td data-bbox="1399 1201 1485 1226"></td> <td data-bbox="1485 1201 1570 1226"></td> <td data-bbox="1570 1201 1646 1226"></td> <td data-bbox="1646 1201 1776 1226"></td> </tr> <tr> <td data-bbox="872 1226 1323 1250"> COMBINED VOLUME: </td> <td data-bbox="1323 1226 1399 1250"></td> <td data-bbox="1399 1226 1485 1250"></td> <td data-bbox="1485 1226 1570 1250"></td> <td data-bbox="1570 1226 1646 1250"></td> <td data-bbox="1646 1226 1776 1250"></td> </tr> <tr> <td data-bbox="872 1250 1323 1281"> SHIP TONNAGE: </td> <td data-bbox="1323 1250 1399 1281"></td> <td data-bbox="1399 1250 1485 1281"></td> <td data-bbox="1485 1250 1570 1281"></td> <td data-bbox="1570 1250 1646 1281"></td> <td data-bbox="1646 1250 1776 1281"></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RECVR. & TRANS. BC-669, POWER UNIT PE-110, POWER UNIT PE-108.	28 1/2"	20 3/8"	29 3/4"	181#	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:		
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION																											
	HEIGHT	WIDTH	DEPTH																														
RECVR. & TRANS. BC-669, POWER UNIT PE-110, POWER UNIT PE-108.	28 1/2"	20 3/8"	29 3/4"	181#	RESTRICTED																												
COMBINED WEIGHT OF COMPONENTS:																																	
COMBINED VOLUME:																																	
SHIP TONNAGE:																																	

24-21282

THIS SHEET IS CLASSIFIED: RESTRICTED


THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: UNDER DEVELOPMENT DEC, 1942	CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-570																															
 <p>PROJECT 32 (ITEM 1-42-9) 110-MC. EXPERIMENTAL HORIZONTAL ANTENNAS FOR RADIO SET SCR-570-T1 (DIPOLE, "V" AND LOOPS)</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 103 - 111 NUMBER OF CRYSTALS: 6 PRESET FREQUENCIES: 6 ANTENNA: TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 or 12 VOLTS DC (BATTERY). SIMILAR SETS: POWER OUTPUT: (WATTS) NONE TUBES: (TYPE AND NUMBER) One 8C-733-A: 2 - 42 SR 7 2 - 12 SR 7 3 - WE 717 A 1 - 12 A 6 1 12 AH 7 GT 1 - 12 SQ 7	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: AIRBORNE EQUIPMENT FOR RECEIVING LOCALIZER SIGNALS FOR USE IN INSTRUMENT LANDING AFTER THE AIRPLANE HAS ARRIVED IN THE VICINITY OF AN AIRPORT AND FOR SIMULTANEOUS VOICE SIGNAL RECEPTION. WILL ALSO INCLUDE SLIDE PATH RECEIVER WHEN DEVELOPED. RANGE: (MILES) TO COMMUNICATE WITH: SCR-591 (INST. LAND. LOCALIZER TRANS.) TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW; MCW AND SIMULTANEOUS VOICE SIGNAL RECEPTION.																															
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																
			<table border="1"> <thead> <tr> <th data-bbox="912 891 1353 924" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1353 891 1605 907">DIMENSIONS</th> <th data-bbox="1605 891 1688 924" rowspan="2">WEIGHT</th> <th data-bbox="1688 891 1816 924" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1353 907 1437 924">HEIGHT</th> <th data-bbox="1437 907 1523 924">WIDTH</th> <th data-bbox="1523 907 1605 924">DEPTH</th> </tr> </thead> <tbody> <tr> <td colspan="6" data-bbox="912 982 1353 1047"> NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE. </td></tr> <tr> <td data-bbox="912 1209 1353 1226">COMBINED WEIGHT OF COMPONENTS:</td><td></td><td></td><td></td><td data-bbox="1605 1209 1688 1226">22#</td><td></td></tr> <tr> <td data-bbox="912 1226 1353 1242">COMBINED VOLUME:</td><td></td><td></td><td></td><td data-bbox="1605 1226 1816 1242">3.4 Cu.Ft. APPROX.</td><td></td></tr> <tr> <td data-bbox="912 1258 1353 1274">SHIP TONNAGE:</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.						COMBINED WEIGHT OF COMPONENTS:				22#		COMBINED VOLUME:				3.4 Cu.Ft. APPROX.		SHIP TONNAGE:		
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																														
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24-21262

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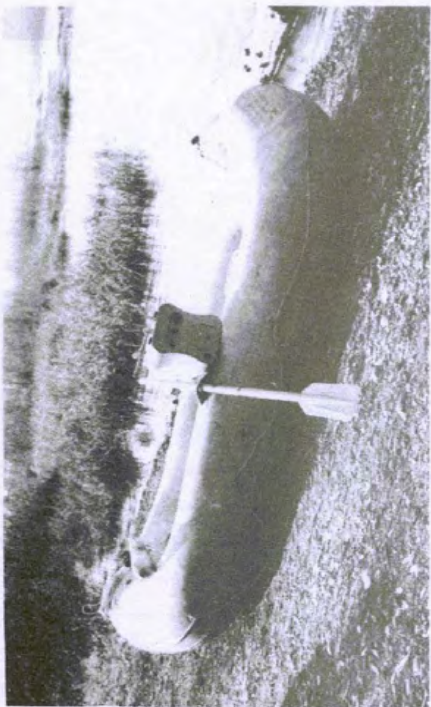
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: UNDER DEVELOPMENT CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-577		
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 600 WATT 110V GASOLINE DRIVEN POWER UNIT. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: SIG C2 BETWEEN HEADQUARTERS OF ARMY, ARMY CORPS AND DIVISIONS. RANGE: (Miles) 50 TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: VEHICLE TYPE OF SIGNAL: TONE; VOICE.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS HEIGHT WIDTH DEPTH		
REGR. D-151143; TRANS. D-151142; CONTROL UNIT D-151144					
COMBINED WEIGHT OF COMPONENTS:				455#	
COMBINED VOLUME:				13 Cu.Ft.	
SHIP TONNAGE:					

RADIO RECEIVER D-151143 - RADIO TRANSMITTER D-151142 - MOUNTING D-151141
 Control Unit D-151144 with Connecting Cables (Western Electric) - For Radio Set SCR-577
 Front View

24-21202

THIS SHEET IS CLASSIFIED RESTRICTED

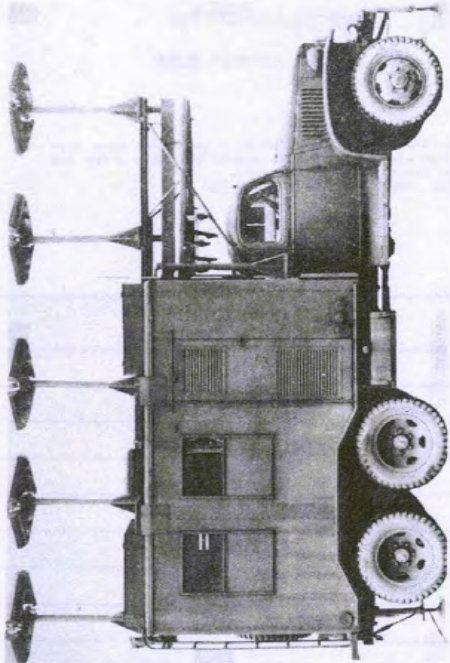
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-578																																																																														
 <p style="position: absolute; top: 395px; left: 405px; font-size: small;"> RADIO TRANSMITTER BC-778-T1 AND CRANK GC-18-T1 PARTS OF RADIO SET SCR-578-T1; SHOWN ON A CARRYING CART TYPE A-2. (INFO. BY BENDIS AVIATION, LTD., N. HOLLYWOOD, CALIF.) </p> <p style="position: absolute; top: 555px; left: 440px; font-size: x-small;"> AIRCRAFT RADIO TRANSMITTER, WEIGHT FIELD, INFO OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION </p> <p style="position: absolute; top: 395px; left: 440px; font-size: x-small;"> JEL - 3294 - 12 </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) INTERNATIONAL DISTRESS FREQUENCY .500 MODULATED AT 1000 OPS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: PRETUNED TO .500 Mc. 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) <u>1 - BC 778-B TRANS:</u> 1 - 12-A-6 1 - 12-SC-7	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: PORTABLE TRANSMITTER USED IN RUBBER DINGHIES FOR SEA-RESQUE PURPOSES. SHAPED TO FIT BETWEEN THE KNEES OF AN OPERATOR. IT IS WATERTIGHT AND WILL FLOAT. RANGE: (MILES) 200 (TO AIRCRAFT AT 2000 FT.). TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT (PORTABLE TRANS. USED FOR SEA-RESQUE). TYPE OF SIGNAL: MDW (1000 OPS) AUTOMATIC S.O.S. AND MANUAL KEYING ON FIXED DISTRESS FREQUENCY .500 MGS.																																																																														
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24-21262

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-591																																																																																																																		
 <p style="writing-mode: vertical-rl; transform: rotate(180deg); position: absolute; right: 10px; top: 380px;"> RADIO SET SCR-591-TG INSTALLED IN TRUCK K-53. PREPRODUCTION SAMPLE SUBMITTED BY FEDERAL TELEGRAPH CO. ON CONTRACT NO. W539-SC-N00, ORDER NO. 2400-ARL-42, NOVEMBER, 1942 AIRCRAFT RADIO LANGUAGE, WEIGHT FIELD, 0810 OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) NUMBER OF CRYSTALS: 1 PRESET FREQUENCIES: 6 ANTENNA: PROVIDES CIRCULAR RADIATION PATTERN OF HORIZONTAL POLARIZATION (LOOP MAST). TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 110 VOLTS 60 CYCLE AC GASOLINE ENGINE DRIVEN MOTOR GENERATOR. SIMILAR SETS: POWER OUTPUT: (WATTS) 250 TUBES: (TYPE AND NUMBER) (SEE REMARKS FOR TUBE CONTENT)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: TRANSMITS AND MONITORS A LOCALIZER BEAM FOR USE IN MAKING INSTRUMENT LANDING AFTER AIRCRAFT HAS ARRIVED IN THE VICINITY OF THE AIRPORT. RANGE: (MILES) 20 MILES USABLE. TO COMMUNICATE WITH: AIRCRAFT RADIO COMPASSES AND LANDING EQUIPMENT. TO REPLACE IN PART: TRANSPORTATION: TRUCK TYPE OF SIGNAL: CW AND MORSE.																																																																																																																	
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SHIP TONNAGE:																																																																																																																						

24-21282

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-593
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RADIO SET SCR-593-()
Prepared for Operation

DATE 6-3-42 • SIGNAL CORPS LABORATORIES • FORT MONMOUTH • N.J. • NO. SC-4134

<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mc) 2.0 - 6.0 (RECEIVER ONLY)</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: 4 (SELECTED BY PUSH BUTTON)</p> <p>ANTENNA: VERTICAL ROD. AN-75-A.</p> <p>TUNING: (MO OR XTAL)</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: SELF CONTAINED, SIMILAR TO GE PORTABLE RECEIVER MODEL LB-530 BB-54-A VIBRATOR VB-8-A & VB-9-A.</p> <p>SIMILAR SETS: NONE</p> <p>POWER OUTPUT: (WATTS)</p> <p>TUBES: (TYPE AND NUMBER) 1 BC-728-A - 1 1R5 1 1S5 3 1T4 2 3SL4</p>	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: ENBRG; MTZD, MTH & COMBAT UNITS; CAC; AA, & BAR BLN UNITS.</p> <p>RANGE: (MILES) TO RECEIVE SIGNALS FROM SCR-543 UP TO 20 MILES.</p> <p>TO COMMUNICATE WITH: SCR-543 (SCR-593 RECEIVER ONLY)</p> <p>TO REPLACE IN PART: NONE</p> <p>TRANSPORTATION: CARRIED BY ONE MAN. TO BE OPERATED ON GROUND OR IN VEHICLE.</p> <p>TYPE OF SIGNAL: VOICE (AM)</p>
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PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
RECEIVER, ACCESSORIES BC-728-A	11 9/16"	8 3/8"	5 5/8"	15#	
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-597	
<p>SET UNDER DEVELOPMENT</p> <p>NO PHOTOGRAPHS AVAILABLE</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			FREQUENCY RANGE: (Mc) TRANS. 2 - 20, RECV. 2 - 35 NUMBER OF CRYSTALS: PRESET FREQUENCIES: 3 ANTENNA: TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: POWER PLANT 5-7½ KVA; 115V 60 CYCLES SINGLE PHASE. SIMILAR SETS: POWER OUTPUT: (WATTS) 500 TUBES: (TYPE AND NUMBER) 1 BC-1127 - 2 6SK7; 2 6V6GT; 1 807; 1 812; 1 F128-A; 2 6J5; 3 6L6G; 1 6H6. 1 BC-1131 - 2 6L6G; 2 F123-A; 4 5U4G; 2 F353-A.	USE: ARMY GROUND FORCES; AIR FORCES. TO BE USED IN DIVISIONS, CORPS & ARMY NETS, AND AIR CORPS LONG DISTANCE NETS, & IN VARIOUS INSTALLATIONS OF AIRCRAFT DETECTOR EQUIPMENT. RANGE: (MILES) STATIONARY 100 MILES ON VOICE, 350 MILES ON CW. TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-299, 197, 505. TRANSPORTATION: TRUCKS (2½ TON 6x6 CAPACITY) TYPE OF SIGNAL: CW; TONE (AM)	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	
	HEIGHT	WIDTH	DEPTH		
TRANS. BC-1127 - MODULATOR AND POWER UNIT BC-1131 RECV. BC-997.					
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-23558

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR- 599				
<p>SET UNDER DEVELOPMENT</p> <p>NO PHOTOGRAPHS AVAILABLE</p>			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) .100 TO 1.750 NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: LOOP FIXED OR ROTATABLE WITH REMOTE INDICATION OF LOOP POSITION.(DUAL REMOTE CON- TROL AND ONE SET OF LOCAL CONTROLS.) TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 VOLTS DC. SIMILAR SETS: SCR-269-() BUT SMALLER. POWER OUTPUT: (WATTS) NONE TUBES: (TYPE AND NUMBER)	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AUTOMATIC RADIO COMPASS SIMILAR TO SCR-269-() PRIMARILY USED FOR NAVIGATION. INSTALLED IN AIRPLANES. RANGE: (MILES) 750 ON A RADIATED POWER OF 2 KW. TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-269 TRANSPORTATION: AIRBORNE INSTALLATION TYPE OF SIGNAL: CW; MCW AND VOICE.				
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:				UNDER DEVELOPMENT				
COMBINED VOLUME:				1500 CUBIC INCH. MAXIMUM				
SHIP TONNAGE:								

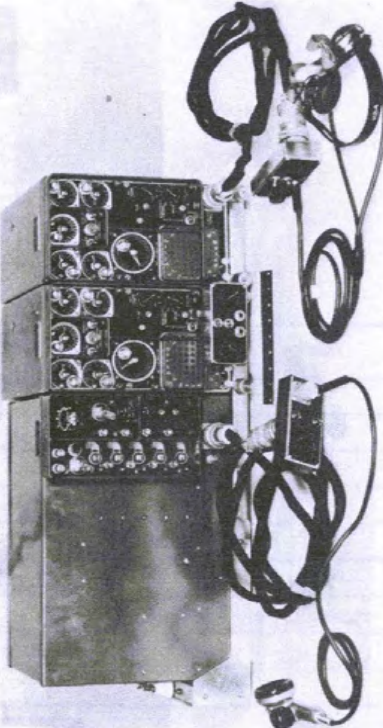
THIS SHEET IS CLASSIFIED: RESTRICTED

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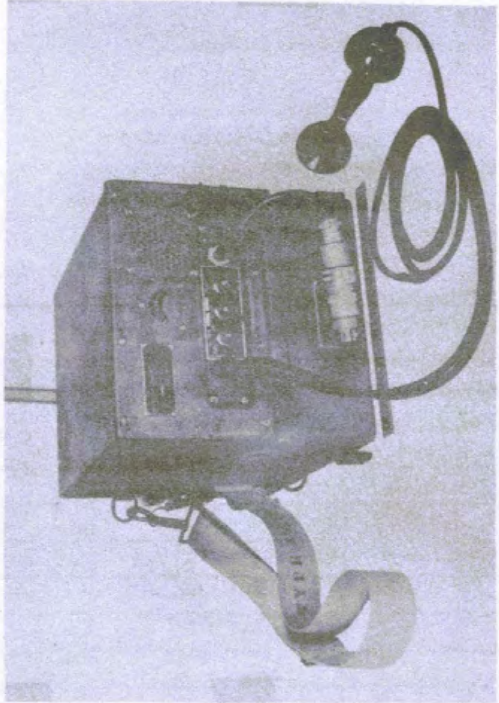
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-608																																																		
 <p style="text-align: center;">Figure 3-10. SCR-608-A (Tenith Development Model TD-1) Showing a Col. 100 ft. for Local and Remote Operation - Front View</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) <p> FREQUENCY RANGE: (Mc) 27.0 - 38.9 NUMBER OF CRYSTALS: 120 PRESET FREQUENCIES: 10 (PUSH-BUTTON SELECTION) ANTENNA: FISHPOLE TYPE. TUNING: (MO OR XTAL) CRYSTAL. SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V. VEHICLE BATTERY WITH DYNAMOTORS. SIMILAR SETS: SCR-508- (). POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) BC-683-(A) REOVR: 3 Type 6 AC-7; 1 Type 6J5; 2 Type 12 SG7; 1 Type 6H6; 1 Type 6V6GT; 2 Type 6 SL7GT. BC-684-(A) TRANS: 7 Type 1619; 1 Type 1624. </p>		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) <p> USE: USED BY FIELD ARTILLERY, SIGNAL CORPS. RANGE: (MILES) 10 TO 15 VOICE. TO COMMUNICATE WITH: SCR-608, 609, 610, 628. TO REPLACE IN PART: SCR-284, 161, 194, 288. TRANSPORTATION: VEHICLES. TYPE OF SIGNAL: FM; VOICE ONLY. </p>																																																	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																			
			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th>WEIGHT</th> <th>CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. BC-684</td> <td></td> <td></td> <td></td> <td>67#</td> <td></td> </tr> <tr> <td>REOVR. BC-683 (2)</td> <td></td> <td></td> <td></td> <td>70#(35#ea.)</td> <td></td> </tr> <tr> <td>MOUNTING FT-237</td> <td></td> <td></td> <td></td> <td>44#</td> <td></td> </tr> <tr> <td>REMOTE CONTROL UNIT RM-29</td> <td></td> <td></td> <td></td> <td>15#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>306#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td></td> <td></td> </tr> <tr> <td colspan="4">SHIP TONNAGE:</td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-684				67#		REOVR. BC-683 (2)				70#(35#ea.)		MOUNTING FT-237				44#		REMOTE CONTROL UNIT RM-29				15#		COMBINED WEIGHT OF COMPONENTS:				306#		COMBINED VOLUME:						SHIP TONNAGE:				
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION																																																
	HEIGHT	WIDTH	DEPTH																																																			
TRANS. BC-684				67#																																																		
REOVR. BC-683 (2)				70#(35#ea.)																																																		
MOUNTING FT-237				44#																																																		
REMOTE CONTROL UNIT RM-29				15#																																																		
COMBINED WEIGHT OF COMPONENTS:				306#																																																		
COMBINED VOLUME:																																																						
SHIP TONNAGE:																																																						

24-21202

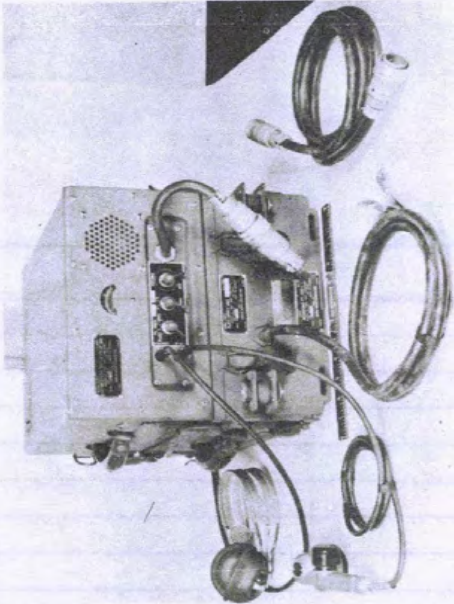
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-609				
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 27.0 - 38.9 NUMBER OF CRYSTALS: 120 PRESET FREQUENCIES: 2 ANTENNA: FISHPOLE TYPE AN-29-G TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES; POWER UNIT PE-97. SIMILAR SETS: SCR-610 EXCEPT FOR POWER SUPPLY. POWER OUTPUT: (WATTS) 2 TUBES: (TYPE AND NUMBER) 1 BC-659-A 5 1LN5 2 1291 1 1299 1 1LH4 1 1294 1 1L66			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FA: SHORT RANGE RECONNAISSANCE, FIRE CONTROL & SIMILAR USES. RANGE: (MILES) TO COMMUNICATE WITH: SCR-608, 609, 610, 628. TO REPLACE IN PART: SCR-284, 169, 194, 288. TRANSPORTATION: VEHICLE, OR MAN PACK. TYPE OF SIGNAL: VOICE (FM)		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
RECVR. & TRANS. BC-659; CASE CS-79 (FOR BATTERIES); REMOTE CONTROL UNIT RM-29.	HEIGHT	WIDTH	DEPTH				
COMBINED WEIGHT OF COMPONENTS:				50#			
COMBINED VOLUME:				1.5 cu. ft.			
SHIP TONNAGE:							

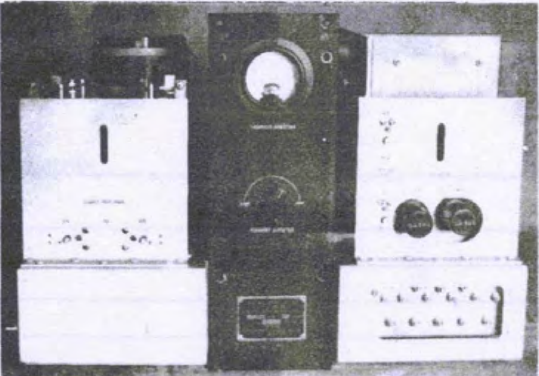
 RADIO SET SCR-609-()
 Set up for Field Operation

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1>SCR-610</h1>	
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
			FREQUENCY RANGE: (Mc) 27.0 - 38.9 NUMBER OF CRYSTALS: 120 PRESET FREQUENCIES: TWO PRE-SET XTAL CONTROLLED CHANNELS. ANTENNA: FISHPOLE TYPE. AN-29-C TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES; POWER UNIT PE-97. SIMILAR SETS: SCR-609 (EXCEPT FOR ADDED POWER PACK) POWER OUTPUT: (WATTS) 2 TUBES: (TYPE AND NUMBER) 1 BC-659-A - 5 1LW5; 2 1291; 4 1299; 1 1LH4; 1 1294; 1 1LC6. 1 PE-117-C - 1 VR-90-30; 1 GK1005.	USE: CWS: SMOKE GEN CO; FA: LIAISON OFFICERS FORWARD OBSERVERS; AND FOR INTRA-BATTERY AND INTRA-SN. COMMUNICATION. RANGE: (MILES) 5 TO COMMUNICATE WITH: SCR-608, 609, 610, 628. TO REPLACE IN PART: SCR-284, 161, 194, 288. TRANSPORTATION: TRANSPORTED & OPERATED IN VEHICLE OR CARRIED BY MAN ON FOOT. TYPE OF SIGNAL: VOICE (FM)		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
REOVR. & TRANS. BC-659; PLATE SUPPLY UNIT PE-117; MOUNTING FT-250; REMOTE CONTROL UNIT RM-29.						RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					65#	
COMBINED VOLUME:					1.3 CU.FT.	
SHIP TONNAGE:						

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THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-611																							
			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 to 400 Kcs. NUMBER OF CRYSTALS: 2 PRESET FREQUENCIES: 201 - 219 Kcs. ANTENNA: ANTENNA COMPONENTS OF NEW DESIGN (NOT YET DETERMINED) TUNING: (MO OR XTAL) XTAL CONTROLLED SENSITIVITY: SELECTIVITY: POWER SOURCE: GASOLINE DRIVEN GENERATOR SIMILAR SETS: SCR-241-() POWER OUTPUT: (WATTS) 50 TUBES: (TYPE AND NUMBER)	PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: RADIO COMPASS LOCATOR AND MARKER BEACON USED AS A PART OF INSTRUMENT LANDING SYSTEM SCS-51 FOR AIRCRAFT LANDING. RANGE: (MILES) 20 MICRO VOLTS PER METER OF CARRIER AT 40 MILES ON GROUND. TO COMMUNICATION WITH: RADIO COMPASSES AND LANDING EQUIPMENT. TO REPLACE IN PART: REPLACES SCR-241-() TRANSPORTATION: TRUCK TYPE OF SIGNAL: MCW & CW																							
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION:) <table border="1"> <thead> <tr> <th data-bbox="894 922 1348 963" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1348 922 1599 946">DIMENSIONS</th> <th data-bbox="1599 922 1685 963" rowspan="2">WEIGHT</th> <th data-bbox="1685 922 1822 963" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1348 946 1428 963">HEIGHT</th> <th data-bbox="1428 946 1513 963">WIDTH</th> <th data-bbox="1513 946 1599 963">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="894 963 1348 1247" rowspan="3"> COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE: </td> <td data-bbox="1348 963 1428 1247"></td> <td data-bbox="1428 963 1513 1247"></td> <td data-bbox="1513 963 1599 1247"></td> <td data-bbox="1599 963 1685 1247">360#</td> <td data-bbox="1685 963 1822 1247"></td> </tr> <tr> <td data-bbox="1348 1247 1428 1287"></td> <td data-bbox="1428 1247 1513 1287"></td> <td data-bbox="1513 1247 1599 1287"></td> <td data-bbox="1599 1247 1685 1287">2520 cu. in.</td> <td data-bbox="1685 1247 1822 1287"></td> </tr> <tr> <td data-bbox="1348 1287 1428 1336"></td> <td data-bbox="1428 1287 1513 1336"></td> <td data-bbox="1513 1287 1599 1336"></td> <td data-bbox="1599 1287 1685 1336"></td> <td data-bbox="1685 1287 1822 1336"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:				360#					2520 cu. in.			
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																						
	HEIGHT	WIDTH	DEPTH																								
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:				360#																							
				2520 cu. in.																							

24-21292

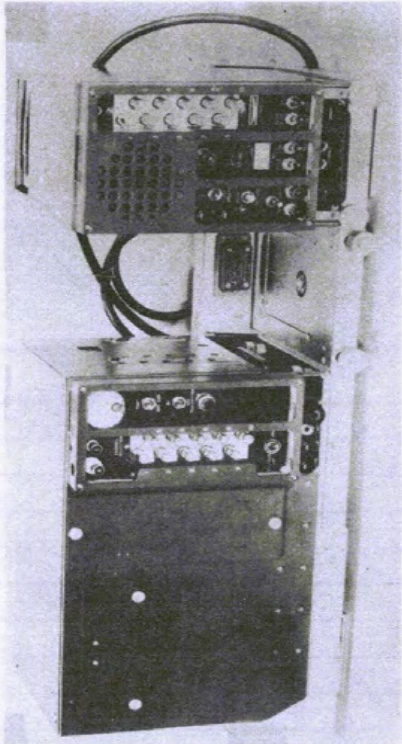
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THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <div>SCR-619</div>						
CHANGE IN STATUS:		PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 27 - 38.9 NUMBER OF CRYSTALS: 22 PRESET FREQUENCIES: 2 ANTENNA: TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: SIMILAR SETS: SCR-609, 610 POWER OUTPUT: (WATTS) 2 TUBES: (TYPE AND NUMBER) 6 1U1 1 1R5 3 1S5 5 2A5 1 1A3	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FIELD ARTILLERY. RANGE: (MILES) APPROX. 5 TO COMMUNICATE WITH: SCR-609, 608, 628. TO REPLACE IN PART: TRANSPORTATION: MAN CARRIED, ANIMAL PACK, OR FIELD ARTILLERY VEHICLE. TYPE OF SIGNAL: VOICE, (FM)						
<div></div> <div>RESTRICTED</div> <div>RADIO SET SCR-619 in CARRYING CASE Prepared for Transportation</div>		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)							
		ITEM			DIMENSIONS			WEIGHT	CLASSIFICATION
					HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:			NOT TO EXCEED			25#			
COMBINED VOLUME:									
SHIP TONNAGE:									

Regraded Unclassified DOD DIR 5200.9

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-628																															
			PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B-MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																														
			PART C-PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																
			<table border="1"> <thead> <tr> <th data-bbox="875 909 1313 941" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1313 909 1570 941">DIMENSIONS</th> <th data-bbox="1570 909 1656 941" rowspan="2">WEIGHT</th> <th data-bbox="1656 909 1770 941" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1313 941 1399 974">HEIGHT</th> <th data-bbox="1399 941 1485 974">WIDTH</th> <th data-bbox="1485 941 1570 974">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="875 974 1313 1039"> TRANS. BC-684, RECVR. BC-683, MOUNTING FT-237, ANTENNA MAST BASE MP-48, REMOTE CONTROL UNIT RM-29. </td> <td data-bbox="1313 974 1399 1039">14"</td> <td data-bbox="1399 974 1485 1039">14.5"</td> <td data-bbox="1485 974 1570 1039">34"</td> <td data-bbox="1570 974 1656 1039">190# (NOT CRITICAL)</td> <td data-bbox="1656 974 1770 1039">RESTRICTED</td> </tr> <tr> <td data-bbox="875 1226 1313 1250">COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="875 1250 1313 1274">COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="875 1274 1313 1299">SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-684, RECVR. BC-683, MOUNTING FT-237, ANTENNA MAST BASE MP-48, REMOTE CONTROL UNIT RM-29.	14"	14.5"	34"	190# (NOT CRITICAL)	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:			
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION																													
	HEIGHT	WIDTH	DEPTH																																
TRANS. BC-684, RECVR. BC-683, MOUNTING FT-237, ANTENNA MAST BASE MP-48, REMOTE CONTROL UNIT RM-29.	14"	14.5"	34"	190# (NOT CRITICAL)	RESTRICTED																														
COMBINED WEIGHT OF COMPONENTS:																																			
COMBINED VOLUME:																																			
SHIP TONNAGE:																																			

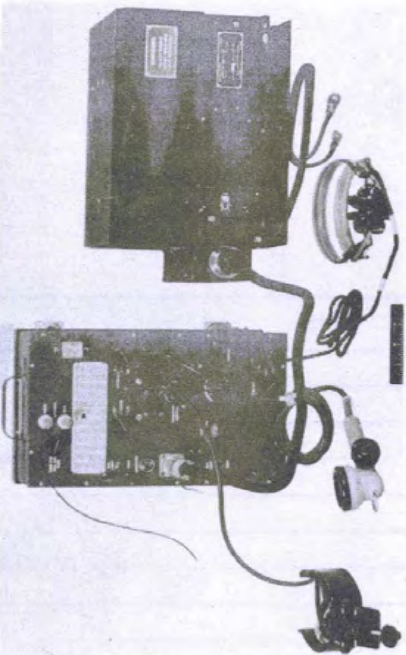
RADIO SET SCR-628 (Preliminary Model)

Front View

NAV 2-11-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - W. M. 2921

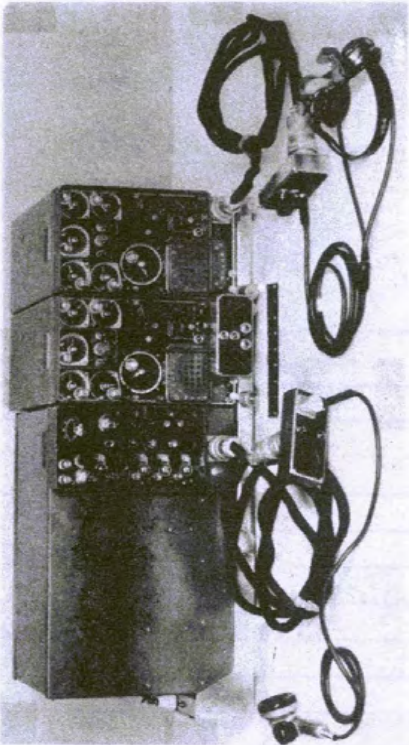
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-694																														
 <p style="text-align: center;">RESTRICTED</p>			<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>FREQUENCY RANGE: (Mo) 3.8 - 6 NUMBER OF CRYSTAL: 2 PRESET FREQUENCIES: 2 ANTENNA: 15' WHIP AN-123, 124. TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 V VEHICLE BATTERY. VIBRATOR UNIT PE-156, GENERATOR GN-35. 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.: 3 174; 1 1R5; 1 1R5; 1 3Q4. 1 PE-156 - 2 OK1006.</p> <p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: INFANTRY PARACHUTE & AIRBORNE TROOPS.</p> <p>RANGE: (MILES) STATIONARY CW-30; VOICE-15; MOVING CW-15; VOICE-7. TO COMMUNICATE WITH: SCR-284, 536, 511. TO REPLACE IN PART: SCR-284. TRANSPORTATION: VEHICLE OR MAN PACK. TYPE OF SIGNAL: CW; VOICE (AM).</p>																															
			<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p>																															
			<table border="1"> <thead> <tr> <th data-bbox="883 938 1334 976" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1334 938 1587 959">DIMENSIONS</th> <th data-bbox="1587 938 1671 959" rowspan="2">WEIGHT</th> <th data-bbox="1671 938 1804 959" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1334 959 1418 976">HEIGHT</th> <th data-bbox="1418 959 1502 976">WIDTH</th> <th data-bbox="1502 959 1587 976">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="883 976 1334 1263">TRANS. & REOVR. BC-1136; VIBRATOR UNIT PE-156; GENERATOR GN-35.</td> <td data-bbox="1334 976 1418 1263">14"</td> <td data-bbox="1418 976 1502 1263">9"</td> <td data-bbox="1502 976 1587 1263">5"</td> <td data-bbox="1587 976 1671 1263">17# (REOVR. & TRANS. ONLY)</td> <td data-bbox="1671 976 1804 1263">RESTRICTED</td> </tr> <tr> <td data-bbox="883 1263 1334 1284">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1334 1263 1418 1284"></td> <td data-bbox="1418 1263 1502 1284"></td> <td data-bbox="1502 1263 1587 1284"></td> <td data-bbox="1587 1263 1671 1284"></td> <td data-bbox="1671 1263 1804 1284"></td> </tr> <tr> <td data-bbox="883 1284 1334 1305">COMBINED VOLUME:</td> <td data-bbox="1334 1284 1418 1305"></td> <td data-bbox="1418 1284 1502 1305"></td> <td data-bbox="1502 1284 1587 1305"></td> <td data-bbox="1587 1284 1671 1305"></td> <td data-bbox="1671 1284 1804 1305"></td> </tr> <tr> <td data-bbox="883 1305 1334 1341">SHIP TONNAGE:</td> <td data-bbox="1334 1305 1418 1341"></td> <td data-bbox="1418 1305 1502 1341"></td> <td data-bbox="1502 1305 1587 1341"></td> <td data-bbox="1587 1305 1671 1341"></td> <td data-bbox="1671 1305 1804 1341"></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. & REOVR. BC-1136; VIBRATOR UNIT PE-156; GENERATOR GN-35.	14"	9"	5"	17# (REOVR. & TRANS. ONLY)	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:		
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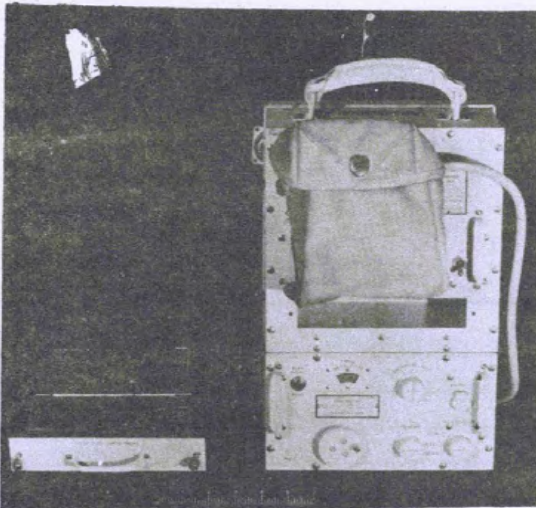
24-21262

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-708	
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 20.0 - 27.9. NUMBER OF CRYSTALS: 2(ONE PER RECVR. BC-603 FOR CALIBRATING). PRESET FREQUENCIES: ANY 14 OR 120 AVAILABLE. ANTENNA: SECTIONAL MAST TYPE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 or 24 V. VEHICULAR BATTERY. SIMILAR SETS: SCR-508, 608, 708, 808, 828. POWER OUTPUT: (WATTS) 25 TUBES: (TYPE AND NUMBER) NO TUBE INFORMATION AS YET. UNDER DEVELOPMENT.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: USED BY AF TANKS, SCOUT CARS, HALF-TRACKS ETC. COMMAND SET. RANGE: (MILES) 7 WHILE IN MOTION. TO COMMUNICATE WITH: SCR-293-A, 294-A, 508-(), 509-(), 528-(), 538-(), 510-(), TO REPLACE IN PART: SCR-508. TRANSPORTATION: VEHICLE. TYPE OF SIGNAL: FREQUENCY MODULATED. VOICE ONLY.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	
UNDER DEVELOPMENT. SEE REMARKS.					
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-714																																																																	
 <p style="text-align: center;">RESTRICTED</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mo) 3.8 - 6 (RECEIVER ONLY) NUMBER OF CRYSTALS: NONE 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) 1 1T4 1 1R5 1 1S5 1 3Q4		PART B - MILITARY 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)																																																																
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SHIP TONNAGE:																																																																					

24-21558

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-728				
CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 20 - 27.9 NUMBER OF CRYSTALS: 1 (XTAL CALIB.) PRESET FREQUENCIES: 4 ANTENNA: WHIP TUNING: (MO-OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V. VEHICLE BATTERY & DYNAMOTOR. SIMILAR SETS: SCR-528 POWER OUTPUT: (WATTS) 30 TUBES: (TYPE AND NUMBER)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: CAV; ENGRS; FA; MED DEPT; QMC; ARMD F. INTERMEDIATE COMMAND TANKS & VEHICLE OF ARMORED FORCE, GHQ, CORPS AND DIVISIONS. RANGE: (MILES) 7 WHILE IN MOTION. TO COMMUNICATE WITH: SCR-293; 294; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-528 TRANSPORTATION: AND OPERATION IN VEHICLES. TYPE OF SIGNAL: VOICE (FM)			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)							
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION	
		HEIGHT	WIDTH	DEPTH			
TRANS. BC-964; RECVR. BC-963.							
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21282

THIS SHEET IS CLASSIFIED RESTRICTED

24-21282

RESTRICTED

RADIO SET SCR-808-(), INSTALLED IN DODGE TRUCK, 3/4-TON 4 X 4 COMMAND (Radio)
Front View - Showing Mast Base Bracket MP-50 and Mast Base MP-58

Rate 1-6-43 . SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NO. SIGNAL-7058

NOTE: SEE INDIVIDUAL SECTIONS
FOR SECTION CLASSIFICATION.

NOMENCLATURE
DESIGNATION:

SCR-808

PART A-TECHNICAL CHARACTERISTICS
(CLASSIFICATION: UNCLASSIFIED)

FREQUENCY RANGE: (Mo) 27.0 - 38.9.
NUMBER OF CRYSTALS: 2(1 PER REOVR.).
PRESET FREQUENCIES: ANY 4 OF 120 AVAILABLE.
ANTENNA: SECTIONAL MAST TYPE.
TUNING: (MO OR XTAL) MO

SENSITIVITY: SELECTIVITY:
POWER SOURCE: VEHICULAR BATTERY 12 OR 24 v.
SIMILAR SETS: SCR-508, 608, 708, 808, 828.
POWER OUTPUT: (WATTS) 35

TUBES: (TYPE AND NUMBER) BC-923-() RECORDS
 4 TYPE 6 A C 7; 2 TYPE 6SJ7 SPL.; 2 TYPE 12SA7;
 4 TYPE 12SG7; 4 TYPE 12SJ7; 2 TYPE 6HG; 4 TYPE
 6SL7GT; 2 TYPE 6V6GT; 2 TYPE VR15030; 6 TYPE
 12SL7. BC-924-() TRANS; 2 TYPE 6SJ7 SPL.;
 1 TYPE VR-150-30; 1 TYPE 6AG7; 2 TYPE 815;
 1 TYPE 6U5; 1 TYPE 6SL7GT; 1 TYPE 6V6GT.

PART B - MILITARY CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

USE: COMPANY AND HIGHER COMMANDERS. TANK DESTROYER COMMAND. FIELD ARTILLERY.

RANGE: (MILES) 10 MILES IN OPEN VEHICLE,
MOVING; 5-7 MILES IN TANKS MOVING.

TO COMMUNICATE WITH: SCR-608, 628, 609, 610;
10 CHANNELS TO BE COMMON WITH SCR-508,
509, 510.

TO REPLACE IN PART: SCR-608.

TRANSPORTATION: MOTOR VEHICLE IN WHICH IT IS
INSTALLED.

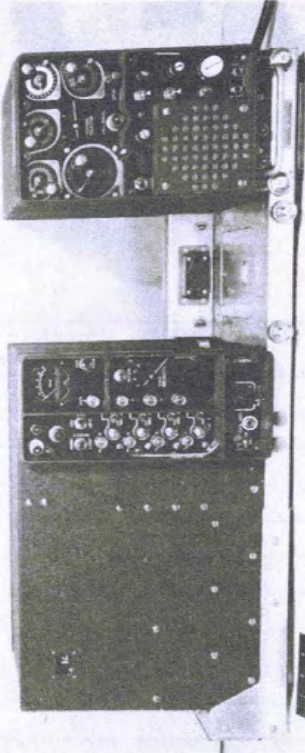
TYPE OF SIGNAL: FM; VOICE ONLY.

PART C - PRINCIPAL COMPONENTS
(CLASSIFICATION:)

ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
UNDER DEVELOPMENT. SEE REMARKS.					
COMBINED WEIGHT OF COMPONENTS:				225# (APPROX.)	
COMBINED VOLUME:	14 1/2"	34"	14"		
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: RESTRICTED

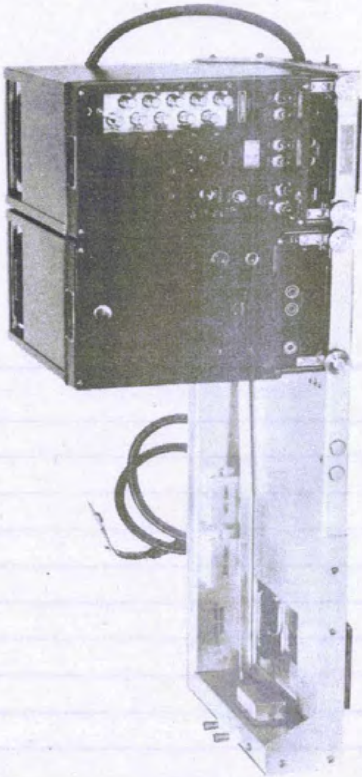
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH OCM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-828		
 <div style="position: absolute; right: 10px; top: 50%; transform: translateY(-50%); font-size: small;"> RADIO SET SCR-828-(-) - MOUNTED ON BASE FT-237-(-) Front View </div>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 27 - 38.9 NUMBER OF CRYSTALS: 1 (XTAL CALIB.) PRESET FREQUENCIES: 4 ANTENNA: SECTIONAL MAST TYPE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V. VEHICLE BATTERY. DYNAMOTOR DM-64 & DM-65 FOR 12 V INPUT WITH RECVR. & TRANS. RESPECTIVELY. DYNAMOTOR DM-66 & DM-47 FOR 24 V INPUT WITH RECVR. & TRANS. RESPECTIVELY. SIMILAR SETS: SCR-528; 628; 728. POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) SCR-828: 2-6AC-7/1852; 3-6SJ7SP; 1-12 SA7; 2-12SG 7; 2-12SJ7; 1-6H6; 3-6SL 7GT; 2-6V6GT; 2-VR150.30; 3-12-SC 7; 1-6AG7; 2-815; 1-6J5.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FA: PLATOON COMMANDERS; TANK DESTROYER UNITS. RANGE: (MILES) 5-7 IN TANKS; 10 MILES IN OPEN VEHICLES. TO COMMUNICATE WITH: SCR-608, 628, 609, 610. TO REPLACE IN PART: SCR-628 TRANSPORTATION: VEHICLE TYPE OF SIGNAL: Voice (F.M.)		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
TRANSMITTER BC-924. RECEIVER BC-923		HEIGHT 14"	WIDTH 3 1/4"	DEPTH 1 1/2"	WEIGHT	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-21262

THIS SHEET IS CLASSIFIED RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-838	
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: 27-38.9 (RECEIVER ONLY) NUMBER OF CRYSTALS: 1 (XTAL CALIB.) PRESET FREQUENCIES: 4 ANTENNA: WHIP TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR 12-24v. VEHICLE BATTERY. SIMILAR SETS: RECEIVER OF SCR-828 POWER OUTPUT (WATTS) TUBES: (TYPE AND NUMBER): 2-6AQ7; 1-6SV7 SPL.; 1-12 SA7; 2-12 SG7; 2-12SV7; 1-6H6; 2-6SL7-GT; 1-6V6GT; 1-VR-150-30; 3-12SC7.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: FA; TANK DESTROYER. RANGE: (MILES) TO COMMUNICATE WITH TO REPLACE IN PART: TRANSPORTATION: VEHICLE TYPE OF SIGNAL: Voice (F.M.)	
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)		
		ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
BC-923			RESTRICTED	
COMBINED WEIGHT OF COMPONENTS:				
COMBINED VOLUME:				
SHIP TONNAGE:				

24-21202

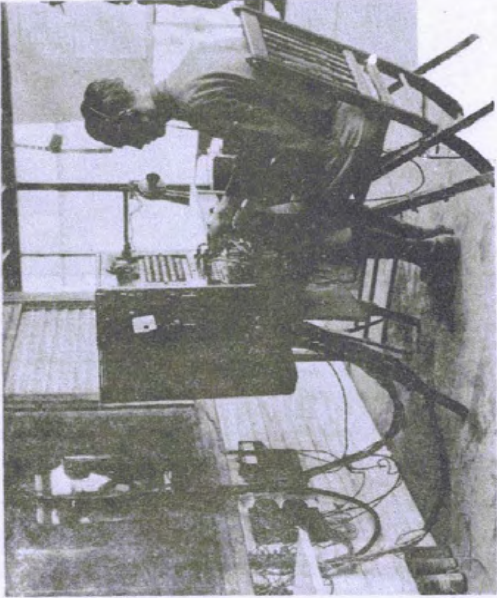
THIS SHEET IS CLASSIFIED: RESTRICTED

24-21550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-21956

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-14				
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">SWITCHBOARD BD-14</p> <p>TELEPHONE; CAMP; 40 LINE; 8 CORD; PORTABLE; COMPLETE, READY TO SET UP AND OPERATE; PERMANENTLY CONTAINED IN A CASE IN WHICH IS MOUNTED THE NECESSARY OPERATING EQUIPMENT, AND IN WHICH IS STORED THE REMOVABLE EQUIPMENT. WEIGHT, 225 POUNDS, PACKED. VOLUME, 15 CU. FT.</p>					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS		WEIGHT	CLASSIFICATION	
			HEIGHT	WIDTH	DEPTH		
		COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:							
SHIP TONNAGE:							

18-71354

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-50	
			PARTS A & B -- DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD BD-50 TELEGRAPH; 4-LINE; PEG-SWITCH TYPE. USED IN "WAT" OFFICES FOR SWITCHING AND TESTING. WEIGHT PACKED 18 POUNDS. VOL. 1.5 CU.FT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-71056

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10001

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-51	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD BD-51 TELEGRAPH; 8-LINE; PEG-SWITCH TYPE. USED IN "WW" OFFICES FOR SWITCHING AND TESTING. WEIGHT PACKED 32 POUNDS. VOL: 2 CU. FT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	HEIGHT	WIDTH

74-71556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

74-10001

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-52	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD BD-52 TELEGRAPH; 8-LINE; SINGLE-SPRING JACK, WITH CORDS AND WEDGES. WEIGHT, PACKED, 35 POUNDS. VOL. 2.07 CU. FT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

74-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

74-15941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

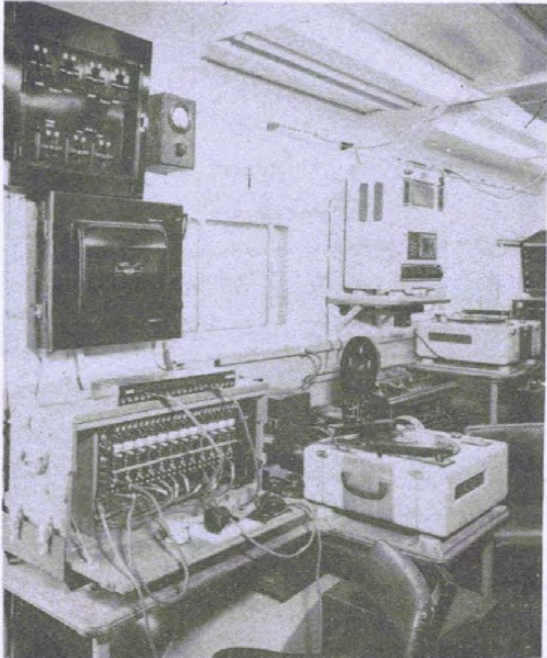
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-71		
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
			SWITCHBOARD BD- 71.			
			<p>SWITCHBOARD BD-71 IS AN IMPROVED PORTABLE MONOCORD SWITCHBOARD, DESIGNED TO PROVIDE ALL REQUISITE FACILITIES FOR TERMINATING, INTERCONNECTING, RINGING AND SUPERVISING LOCAL BATTERY TELEPHONE LINES. REPLACES SWITCHBOARD BD-9. THE CAPACITY OF SWITCHBOARD BD-71 IS 6 LINES. REPEATING COILS ARE AVAILABLE ON THE FIRST TWO LINES. CENTER TAPS ON BOTH REPEATING COILS PERMIT SIMPLEXING TELEGRAPH CIRCUITS OVER LINES SO EQUIPPED. MAJOR COMPONENTS: 6 SWITCHBOARD UNIT EE-2, 1 HEAD AND CHEST SET HS-19, 2 COILS C-161 (REPEATING), 1 GENERATOR GN-38.</p>			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM		DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-11550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-11550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-72	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">SWITCHBOARD BD-72.</p> <p>SWITCHBOARD BD-72 IS AN IMPROVED PORTABLE MONOCORD SWITCHBOARD, DESIGNED TO PROVIDE ALL REQUISITE FACILITIES FOR TERMINATING, INTERCONNECTING, RINGING AND SUPERVISING LOCAL BATTERY TELEPHONE LINES. REPLACES SWITCHBOARD BD-11. THE CAPACITY OF SWITCHBOARD BD-72 IS 12 LINES. REPEATING COILS ARE AVAILABLE ON THE FIRST FOUR LINES. CENTER TAPS ON ALL FOUR REPEATING COILS PERMIT SIMPLEXING TELEGRAPH CIRCUITS OVER LINES SO EQUIPPED. THIS SWITCHBOARD IS COMPOSED OF THE SAME COMPONENTS AS SWITCHBOARD BD-71 EXCEPT THAT THE BD-72 CONTAINS TWELVE MONOCORD UNITS INSTEAD OF SIX. MAJOR COMPONENTS: 12 SWITCHBOARD UNIT EE-2, 1 HEAD AND CHEST SET HS-19, 4 COILS C-161 (REPEATING), 1 GENERATOR GN-38.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

MOBILE RADIO INTERCEPT CENTRAL TRAILER
 Showing Switchboard BD-72 . View of Interior and Power Control Boxes

24-21550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-16981

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-74																					
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																						
			SWITCHBOARD BD-74																						
			FIRE CONTROL, SINGLE-PANEL, UNIT TYPE, COMMON BATTERY WITH PRO- VISION FOR LOCAL BATTERY LINES TO TELEPHONES OR OTHER SWITCHBOARDS OF LOCAL BATTERY TYPE. CONSISTS OF FRAME CONTAINING APPARATUS IN A MAH- OGANY CABINET 8 1/4 INCHES HIGH, 2 1/4 INCHES WIDE AND 11 INCHES DEEP. SEV- ERAL OF THESE SWITCHBOARDS MAY BE INSTALLED SIDE BY SIDE AND USED AS ONE BOARD. SWITCHBOARDS ARE WIRED WITH DIFFERENT CIRCUIT COMBINAT- IONS DESIGNATED AS "CIRCUIT A", "CIRCUIT B", ETC. WEIGHT, INCLUDING CABINET, 800 POUNDS, PACKED. VOL: 19 CU. FT.																						
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																						
			<table border="1"> <thead> <tr> <th data-bbox="852 987 1290 1024" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1290 987 1538 1024">DIMENSIONS</th> <th data-bbox="1538 987 1620 1024">WEIGHT</th> <th data-bbox="1620 987 1744 1024">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1290 1024 1372 1062">HEIGHT</th> <th data-bbox="1372 1024 1454 1062">WIDTH</th> <th data-bbox="1454 1024 1538 1062">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="852 1062 1290 1230"></td> <td data-bbox="1290 1062 1372 1230"></td> <td data-bbox="1372 1062 1454 1230"></td> <td data-bbox="1454 1062 1538 1230"></td> <td data-bbox="1538 1062 1620 1230"></td> <td data-bbox="1620 1062 1744 1230"></td> </tr> <tr> <td data-bbox="852 1230 1290 1268"></td> <td data-bbox="1290 1230 1372 1268"></td> <td data-bbox="1372 1230 1454 1268"></td> <td data-bbox="1454 1230 1538 1268"></td> <td data-bbox="1538 1230 1620 1268"></td> <td data-bbox="1620 1230 1744 1268"></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH												
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																	
				HEIGHT	WIDTH	DEPTH																			
			COMBINED WEIGHT OF COMPONENTS:																						
			COMBINED VOLUME:																						
			SHIP TONNAGE:																						

24-21156

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10951

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-89-A			
<div data-bbox="276 544 647 1279" data-label="Image"> </div> <div data-bbox="700 699 719 753" data-label="Text"> SOL-155 </div> <div data-bbox="757 638 839 1170" data-label="Text"> SIGNAL CORPS LABORATORIES, FORT MONMOUTH, NEW JERSEY. TITLE TWO SWITCHBOARDS BD-89-T1 AND TWO CABINETS BE-79-T1, SHOWING USE AS ONE INSTALLATION DATE 5-5-39 </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) SWITCHBOARD BD-89-A TELEPHONE; PORTABLE; COMBINED MAGNETO AND COMMON BATTERY, NON-MULTIPLE ONE POSITION, 2 PANELS, MANUALLY OPERATED. COMPRISES COMMERCIAL EQUIPMENT, EXCEPT INCLUDES 1 EACH: COILS, C-105 AND C-278, JACK JK-37, HEAD AND CHEST SET HS-19, BINDING POST TM-179, GENERATOR GN-41 AND TERMINAL PANEL OF SIGNAL CORPS DESIGN; INCLUDES 13 CORD CIRCUITS, 37 COMMON BATTERY AND 20 MAGNETO LINE CIRCUITS, 1 DIAL AND 2 COMMON BATTERY MANUAL TRUNK CIRCUITS, 3 LINE CIRCUITS (OUTGOING), 2 LINE CIRCUITS (THROUGH), 1 OPERATOR'S CIRCUIT, 1 CONFERENCE CIRCUIT (5-JACKS), 1 NIGHT ALARM CIRCUIT, 1 FUSE ALARM CIR- CUIT AND 1 24-VOLT BATTERY AND GROUND CIRCUIT. PART OF TELEPHONE CENT- RAL OFFICE SET TO-2. OVER-ALL DIMENSIONS: 47-1/4 x 22-1/2 x 35-1/2 INCHES. WEIGHT 400 POUNDS.				
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)							
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION		
	HEIGHT	WIDTH	DEPTH				
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21559

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10981

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-95				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)					
			SWITCHBOARD BD-95					
			<p>30 VOLTS; CORDLESS; FOR SWITCHING INCOMING "DORY" LINES TO CONNECTING CIRCUITS (SERIAL NUMBERS 530 TO 579, INCLUSIVE). CONSISTS ESSENTIALLY OF 20 INCOMING LINE CIRCUITS, 5 CONNECTING CIRCUITS, 1 OPERATOR'S TELEPHONE CIRCUIT, 1 NIGHT-ALARM CIRCUIT, 1 GENERATOR CIRCUIT, 1 BATTERY CIRCUIT AND A 110-VOLT HEATING CIRCUIT. MAY ALSO BE OBTAINED EQUIPPED WITH ONLY 12 INCOMING LINE CIRCUITS FOR USE IN PLACE OF SWITCHBOARD BD-105. OVER-ALL DIMENSIONS APPROXIMATELY 23 BY 13 BY 14 INCHES. WEIGHT PACKED 160 POUNDS.</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
			COMBINED WEIGHT OF COMPONENTS:					
			COMBINED VOLUME:					
			SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-19981

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

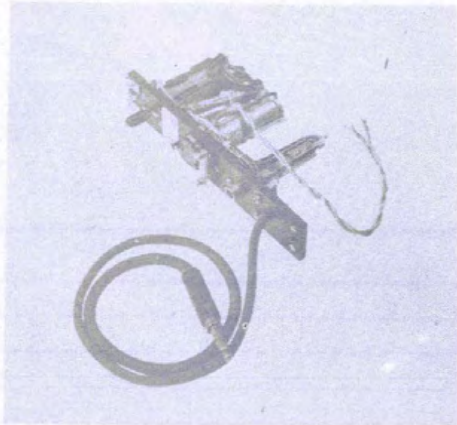
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-96		
<div data-bbox="281 672 826 1240"> </div> <div data-bbox="769 574 845 899" style="writing-mode: vertical-rl; transform: rotate(180deg);"> SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J. SWITCHBOARD BD-96 AND PANEL BD-97 READY FOR OPERATION </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <div data-bbox="1024 597 1576 737"> SWITCHBOARD BD-96 TELEPHONE; PORTABLE; SINGLE-POSITION, MANUALLY OPERATED; INCLUDES 2 OPERATOR'S TELEPHONE CIRCUIT, 12 CORD CIRCUITS, 1 RINGING CIRCUIT, 40 MAGNETO LINE CIRCUITS, 4 COMMON BATTERY AND DIAL TRUNK CIRCUITS, 1 DIAL CORD CIRCUIT, 1 CONFERENCE CIRCUIT, AND 1 NIGHT-ALARM CIRCUIT. OVER-ALL DIMENSIONS IN OPERATING POSITION 15 BY 22 BY 47 INCHES; WHEN PACKED, 15 BY 22 BY 25 INCHES. NO SEPARATE PACKING CASE REQUIRED. PART OF TELEPHONE CENTRAL OFFICE SET TC-4. NET WEIGHT: 200 POUNDS. VOLUME: 4.8 CU. FT. </div>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10081

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-2	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD UNIT EE-2 MONOCORD TELEPHONE; INCLUDES A GREEN CORD CC-59, PLUS PL-11, 2 FUSES M-36 WITH JACK AND SIGNAL DROP; PART OF SWITCHBOARD BD-9 AND BD-11. WEIGHT PACKED: 3 POUNDS. VOLUME: .006 CU. FT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

SWITCHBOARD UNIT EE-2-C


DATE 3-14-60 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SOL. 374

24-21550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-16881

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-80-A	
 <p style="text-align: center;">RESTRICTED</p>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
SIGNAL LAMP EQUIPMENT EE-80-A					
SIGNAL LAMP EQUIPMENT DESIGNED TO TRANSMIT MESSAGES BY MEANS OF LIGHT FLASHES, WHICH ARE CONTROLLED BY OPERATING A KEY IN THE LAMP CIRCUIT.					
NOTES: THIS EQUIPMENT IS SIMILAR TO SIGNAL LAMP EQUIPMENT EE- 80 EXCEPT FOR PRE-FOCUSED BASE AND METAL REFLECTOR.					
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

SIGNAL LAMP M-283 . TRIPOD LG-9 . For USE with SIGNAL LAMP EQUIPMENT EE-80
 Right Side View . Prepared for Operation

DATE 12-8-42 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NO. 6912

24-21558

THIS SHEET IS CLASSIFIED: RESTRICTED

24-21558

THIS SHEET IS CLASSIFIED RESTRICTED

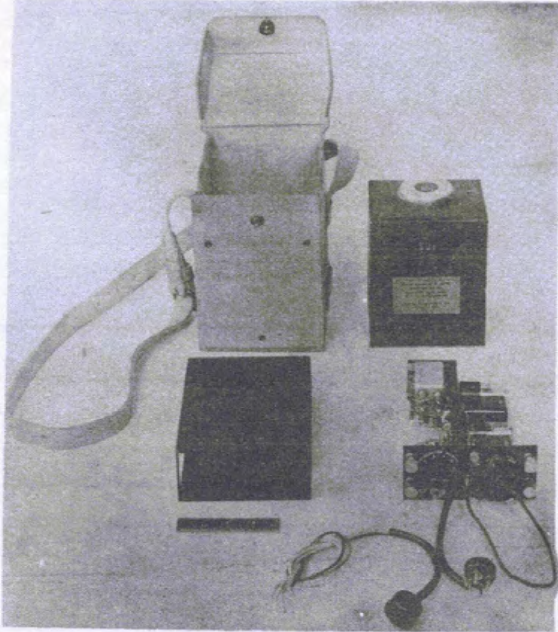
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-84	
<div data-bbox="350 693 727 971" data-label="Image"> </div> <div data-bbox="350 1027 727 1110" data-label="Caption"> <p> SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J. SIGNAL LAMP M-132 AND LAMP MOUNTING FT-159 SIDE VIEW APRIL 29, 1942 SCL-780 </p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p>SIGNAL LAMP EQUIPMENT EE-84.</p> <p>5 1/2-INCH; A SEARCHLIGHT TYPE PORTABLE FIELD SIGNALING EQUIPMENT FOR TRANSMITTING MESSAGES BY MEANS OF RED OR WHITE FLASHES OF LIGHT. PROVIDES POINT TO POINT COMMUNICATION ON THE GROUND UP TO APPROXIMATELY 5,000 YARDS IN CLEAR BRIGHT SUNLIGHT AND MANY TIMES AS FAR AT NIGHT. REPLACEMENT FOR SIGNAL LAMP EQUIPMENT EE-6 AND EE-6-A.</p> <p>NET WEIGHT: 36.5 POUNDS EACH, PACKED.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21056

THIS SHEET IS CLASSIFIED RESTRICTED

24-10981

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-89-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEPHONE REPEATER EE-89-(). A 21" TYPE (2 WAY, 1 ELEMENT) TELEPHONE REPEATER DEVELOPED BY SCBDL FOR USE ON TWO-WIRE CIRCUIT, EITHER AS TERMINAL OR INTERMEDIATE AMPLIFIER. USES ONE 3Q5GT VACUUM TUBE, POWERED BY ONE SELF-CONTAINED BATTERY BA-40 (90V "B", 1.5 "A") OR EXTERNAL AUXILIARY BATTERIES. SINGLE MONITORING RECEIVER PROVIDED. 20 CYCLE RINGING WILL OPERATE THROUGH THIS REPEATER, ALSO SIMPLEX TELEGRAPH CIRCUITS, IF SIMPLEX COILS ARE ADDED, EXTERNALLY. APPROXIMATE MAXIMUM USABLE 1300 CYCLE GAIN, 24 DB. HOUSED IN FIBRE CASE WITH CARRYING STRAP SIMILAR TO TELEPHONE EE-88. OVERALL SIZE 5-3/4" WIDE, 6-3/4" DEEP & 7-1/2" HIGH. ASSEMBLED WEIGHT, COMPLETE WITH BATTERY, 13 POUNDS.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

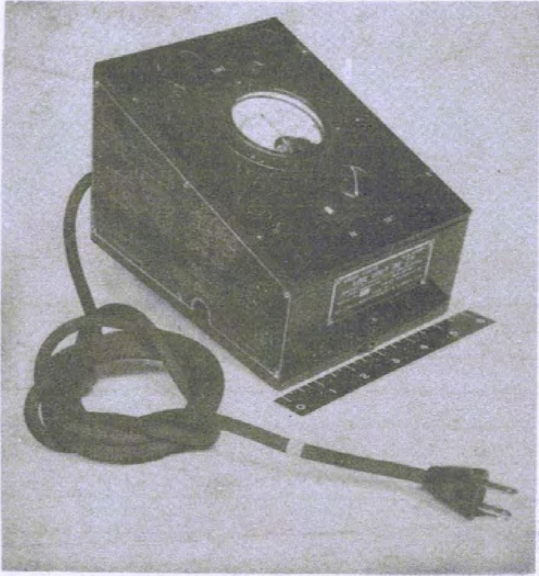
TELEPHONE REPEATER EE-89-T3
 Unassembled

24-21550

THIS SHEET IS CLASSIFIED: RESTRICTED

24-15901

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-97-A																																								
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) TELETYPEWRITER SET EE-97-A SAME AS TELEGRAPH PRINTER SET EE-97 EXCEPT THAT RECTIFIER RA-87 AND CHEST CH-158, RESPECTIVELY, REPLACE RECTIFIER RA-37 AND CHEST CH-51, RESPECTIVELY, AND VOLTMETER IS-170 AND CORD CD-486 ARE OMITTED. NOTES: COVERED BY PARTS LIST.																																									
TELEGRAPH PRINTER SET EE-97 AND EE-98 Line Unit EE-77 . Front View DATE 3-21-42 . SIGNAL CORPS LABORATORIES . FORT MONMOUTH . N. J. . NO. SOL- 3217			<table border="1"> <thead> <tr> <th colspan="6" data-bbox="864 889 1759 930">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</th> </tr> <tr> <th data-bbox="864 930 1302 971" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1302 930 1549 954">DIMENSIONS</th> <th data-bbox="1549 930 1626 954" rowspan="2">WEIGHT</th> <th data-bbox="1626 930 1759 954" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1302 954 1378 971">HEIGHT</th> <th data-bbox="1378 954 1473 971">WIDTH</th> <th data-bbox="1473 954 1549 971">DEPTH</th> </tr> <tr> <td data-bbox="864 971 1302 1255" rowspan="3"> </td> <td data-bbox="1302 971 1378 1255" rowspan="3"> </td> <td data-bbox="1378 971 1473 1255" rowspan="3"> </td> <td data-bbox="1473 971 1549 1255" rowspan="3"> </td> <td data-bbox="1549 971 1626 1255" rowspan="3"> </td> <td data-bbox="1626 971 1759 1255" rowspan="3"> </td> </tr> <tr> </tr> <tr> </tr> <tr> <td data-bbox="864 1255 1302 1279">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1302 1255 1378 1279"> </td> <td data-bbox="1378 1255 1473 1279"> </td> <td data-bbox="1473 1255 1549 1279"> </td> <td data-bbox="1549 1255 1626 1279"> </td> <td data-bbox="1626 1255 1759 1279"> </td> </tr> <tr> <td data-bbox="864 1279 1302 1304">COMBINED VOLUME:</td> <td data-bbox="1302 1279 1378 1304"> </td> <td data-bbox="1378 1279 1473 1304"> </td> <td data-bbox="1473 1279 1549 1304"> </td> <td data-bbox="1549 1279 1626 1304"> </td> <td data-bbox="1626 1279 1759 1304"> </td> </tr> <tr> <td data-bbox="864 1304 1302 1328">SHIP TONNAGE:</td> <td data-bbox="1302 1304 1378 1328"> </td> <td data-bbox="1378 1304 1473 1328"> </td> <td data-bbox="1473 1304 1549 1328"> </td> <td data-bbox="1549 1304 1626 1328"> </td> <td data-bbox="1626 1304 1759 1328"> </td> </tr> </thead></table>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH							COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																												
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																																							
	HEIGHT	WIDTH	DEPTH																																									
COMBINED WEIGHT OF COMPONENTS:																																												
COMBINED VOLUME:																																												
SHIP TONNAGE:																																												

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-16961

THIS SHEET IS CLASSIFIED: RESTRICTED

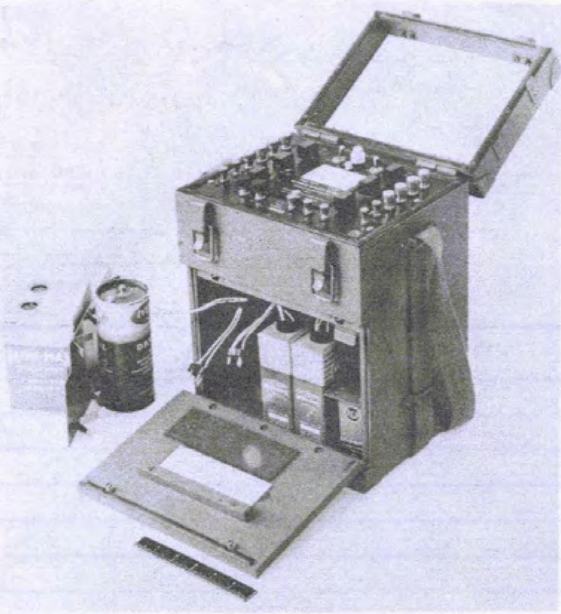
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-98				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">TELEGRAPH PRINTER SET EE-98.</p> <p style="text-align: center;">PAGE TYPE TELETYPE WITH ACCESSORIES FOR INDEPENDENT FIXED STATION OPERATION, OR WHEN COMMERCIAL 110-VOLT A.C. OR D.C. POWER IS AVAILABLE. SAME AS TELEGRAPH PRINTER SET EE-97, EXCEPT OMTS POWER UNIT PE-77-A.</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21556

THIS SHEET IS CLASSIFIED: RESTRICTED

74-14941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-99-()																						
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																							
			TELEPHONE REPEATER EE-99-()																							
			VOICE FREQUENCY TELEPHONE REPEATER, 4-WIRE THROUGH OR 2-WIRE TERMINATING, FOR FIELD WIRE LINES. PROVIDES ADJUSTABLE GAIN AND ADJUSTABLE EQUALIZATION AT 1000 CYCLES - THE GAIN IS PRACTICALLY INDEPENDENT OF THE EQUALIZER SETTINGS. ALL CONTROLS ARE DESIGNATED IN TERMS OF TRANSMISSION DIRECTION, AB OR BA. PORTABLE, ASSEMBLED IN A WOODEN CASE, AND MAY BE OPERATED ON DRY CELLS OR EXTERNAL 12 VOLT STORAGE BATTERY WITH POWER SUPPLY PE-204-(). DRY CELLS AND PE-204-() ARE SAME PHYSICAL SIZE AND EITHER CAN BE HOUSED IN REPEATER CASE. DOES NOT INCLUDE DRY CELLS OR STORAGE BATTERY.																							
TELEPHONE REPEATER EE-99-T3 Covers Open . Showing General Arrangement of Parts DATE 6-22-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. 60-4422			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																							
			<table border="1"> <thead> <tr> <th data-bbox="858 919 1302 959" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1302 919 1553 959">DIMENSIONS</th> <th data-bbox="1553 919 1635 959" rowspan="2">WEIGHT</th> <th data-bbox="1635 919 1759 959" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1302 959 1384 959">HEIGHT</th> <th data-bbox="1384 959 1466 959">WIDTH</th> <th data-bbox="1466 959 1553 959">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="858 959 1302 1211"></td> <td data-bbox="1302 959 1384 1211"></td> <td data-bbox="1384 959 1466 1211"></td> <td data-bbox="1466 959 1553 1211"></td> <td data-bbox="1553 959 1635 1211"></td> <td data-bbox="1635 959 1759 1211"></td> </tr> <tr> <td data-bbox="858 1211 1302 1317"></td> <td data-bbox="1302 1211 1384 1317"></td> <td data-bbox="1384 1211 1466 1317"></td> <td data-bbox="1466 1211 1553 1317"></td> <td data-bbox="1553 1211 1635 1317"></td> <td data-bbox="1635 1211 1759 1317"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH												
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																		
				HEIGHT	WIDTH	DEPTH																				
COMBINED WEIGHT OF COMPONENTS:																										
COMBINED VOLUME:																										
SHIP TONNAGE:																										

26-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

26-10841

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-103				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) TELETYPEWRITER SET EE-103 SAME AS TELETYPEWRITER SET EE-97-A EXCEPT USES TELETYPE- WRITER TQ-37-().					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

74-10001

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

00-10001

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-1-()	
			<p>PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p>PUBLIC ADDRESS SET PA-1 () (PORTABLE).</p> <p>50 WATTS OUTPUT, OPERATES FROM 175-125 VOLTS, 60 CYCLES, INCLUDES TWO AMPLIFIERS, 2 MICROPHONES, PHONOGRAPH, SIX LOUDSPEAKERS, MICROPHONES AND STANDS, MISC CORDS, CARRYING CASES AND 650 WATT GASOLINE POWER UNIT.</p> <p>PUBLIC ADDRESS SET PA-1-A. (PORTABLE).</p> <p>105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. INCLUDES 1 MICROPHONE (ANNOUNCING), 1 MICROPHONE (UNIDIRECTIONAL), 1 FLOOR STAND, 1 DESK STAND FOR MICROPHONE, 1 PHONOGRAPH, 2 AMPLIFIERS WITH TUBES, 5 LOUDSPEAKERS, 1 SET CORDS, 6 CARRYING CASES FOR LOUDSPEAKERS, 2 CARRYING CASES FOR AMPLIFIERS, 1 CARRYING CASE FOR RECORDS, 2 CARRYING CASES FOR MICROPHONES AND MISCELLANEOUS CORDS, 1 TEST RECORD, 1 SET PHONOGRAPH NEEDLES AND A 650-WATT GASOLINE POWER UNIT. WEIGHT PACKED: 1886 POUNDS.</p> <p>PUBLIC ADDRESS SET PA-1-B (PORTABLE).</p> <p>105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. SIMILAR TO PUBLIC ADDRESS SET PA-1-A EXCEPT OMTS CARRYING CASES FOR AMPLIFIERS AND STANDS FOR LOUDSPEAKERS. WEIGHT PACKED: 1430 POUNDS.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-6891

THIS SHEET IS CLASSIFIED UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	PA-2-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
			PUBLIC ADDRESS SET PA-2-().			
			SAME AS PA-1-() EXCEPT INCLUDES ALSO A RADIO RECEIVER WITH A FISH-POLE ANTENNA AND A 1KW POWER UNIT IS SUBSTITUTED FOR THE 650 WATT POWER UNIT OF THE PA-1-().			
			PUBLIC ADDRESS SET PA-2-A. PORTABLE; 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. INCLUDES 1 MICROPHONE (ANNOUNCING), 1 MICROPHONE (UNIDIRECTIONAL), 1 FLOOR STAND, 1 DESK STAND FOR MICROPHONES, 1 PHONOGRAPH, 2 AMPLIFIERS WITH TUBES, 6 LOUDSPEAKERS, 1 SET CORDS, 6 CARRYING CASES FOR LOUDSPEAKERS, 2 CARRYING CASES FOR AMPLIFIERS, 1 CARRY- ING CASE FOR RECORDS, 2 CARRYING CASES FOR MICROPHONES AND MIS- CELLANEOUS CORDS, 2 STANDS FOR LOUDSPEAKERS, 1 TEST RECORD, 1 SET PHONOGRAPH NEEDLES, 1 ALL-WAVE-RADIO RECEIVER, 1 TELESCOPING FISH-POLE ANTENNA AND A 1 KW. GASOLINE POWER UNIT. WEIGHT PACKED: 1970 POUNDS.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-71557

THIS SHEET IS CLASSIFIED UNCLASSIFIED

24-10941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-3-()				
			<p>PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p>PUBLIC ADDRESS SET PA-3-() (PORTABLE).</p> <p>SAME AS PA-1-() EXCEPT LESS POWER UNIT. FOR OPERATION ON POST POWER ONLY.</p> <p>PUBLIC ADDRESS SET PA-3-A.</p> <p>PORTABLE; 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. SIMILAR TO PUBLIC ADDRESS SET PA-1-A EXCEPT WITHOUT 600-WATT GAS- OLINE POWER UNIT.</p> <p>WEIGHT PACKED: 1760 POUNDS.</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21660

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10491

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-4-()		
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		PUBLIC ADDRESS EQUIPMENT PA-4-() (POWER MEGAPHONE).			
		PORTABLE PUBLIC ADDRESS UNIT RECOMMENDED FOR STANDARDIZATION BY TECH. COMM. (WILL PROBABLY CONSIST OF 1 REPRODUCER, 1 MICROPHONE UNIT, 1 AMPLIFIER UNIT AND 1 POWER SUPPLY UNIT) MOUNTED ON A TRIPOD.			
PUBLIC ADDRESS EQUIPMENT PA-4 Loud Speaker LS-6-A, Tripod M-230-A, Amplifier BC-641-A And Microphone T-36-A Front View of Assembly		INCLUDES LS-6-(), T-36-(), BC-641-(), M-230-().			
DATE 3-2- SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SOL- 3051		USED WITH BUT DOES NOT INCLUDE: BA-30, BA-51.			
		(COMPRISES A COMPLETE SELF-CONTAINED PUBLIC ADDRESS SYSTEM WITH LOUDSPEAKER, AMPLIFIER, TWO MICROPHONES, TRIPOD, SHOULDER HARNESS, AND A CARRYING CASE.)			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-5-()			
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
			PUBLIC ADDRESS SET PA-5-().				
			FOR OPERATION ON EITHER 6 VOLT D.C. OR 115 VOLT A.C., CONSISTS OF A COMBINATION RECORD PLAYER AND 30 WATT AUDIO AMPLIFIER BUILT INTO ONE CASE, TWO DIRECTIONAL LOUDSPEAKERS (25 WATTS EACH), TWO DYNAMIC MICROPHONES AND STAND, AND NECESSARY BATTERIES AND CABLES.				
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
			ITEM				
			DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10951

THIS SHEET IS CLASSIFIED UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-6-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) PUBLIC ADDRESS SET PA-6-(). CONSISTS OF REPRODUCERS, AMPLIFIER AND SIGNAL GENERATOR, CONTROL STATION, AND A PORTABLE POWER SUPPLY FOR USE BY THE SQUADRON FOR PERSONNEL CALLING, TO REPLACE THE TELEPHONE SYSTEM IF OUT OF ORDER, FOR CODE SIGNALLING TO PERSONNEL, FOR THE ISSUANCE OF ORAL DIRECTIVES, AND AS A LISTENING DEVICE.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

74-21550

THIS SHEET IS CLASSIFIED UNCLASSIFIED

THIS SHEET IS CLASSIFIED: RESTRICTED

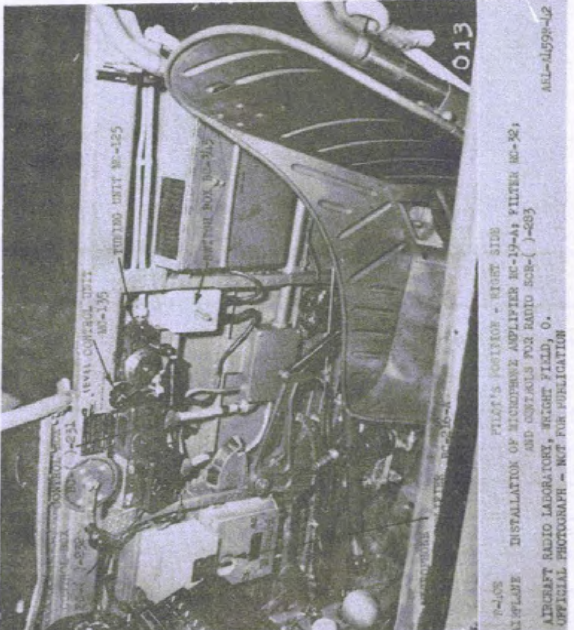
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-8-()																											
<div data-bbox="300 570 696 1317"> </div> <div data-bbox="706 862 734 997" style="text-align: center;"> RESTRICTED </div> <div data-bbox="773 846 811 1024" style="text-align: center;"> INTERCOMMUNICATION SET PA-8-() Front View </div> <div data-bbox="820 683 849 1179" style="text-align: center;"> MAY 2-24-43 SIGNAL CORPS GROUND SIGNAL SERVICE NO. SC-5585 7534 </div>			<div data-bbox="1201 488 1458 529"> PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) </div> <div data-bbox="1049 626 1591 764"> INTERCOMMUNICATION SET PA-8-(). AN INTERCOMMUNICATION SYSTEM FOR TWO-WAY VOICE TRANSMISSION BETWEEN A CENTRAL STATION AND ONE OR ANY COMBINATION OF FOUR REMOTE STATIONS. THE COMPLETE SYSTEM IS RAIN-PROOF, IS INTENDED FOR FIELD USE; AND IS COMPRISED OF A MASTER STATION, FOUR REMOTE STATIONS, BATTERY BOX, BATTERIES, TUBES, CORDS, HANDSET, AND CARRYING CASE. SPECIFICATIONS: SCL-614. </div> <div data-bbox="1182 902 1458 943"> PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:) </div> <table border="1" data-bbox="877 943 1772 1343"> <thead> <tr> <th data-bbox="877 943 1315 984" rowspan="2">ITEM</th><th colspan="3" data-bbox="1315 943 1563 984">DIMENSIONS</th><th data-bbox="1563 943 1648 984" rowspan="2">WEIGHT</th><th data-bbox="1648 943 1772 984" rowspan="2">CLASSIFICATION</th></tr> <tr> <th data-bbox="1315 984 1401 1016">HEIGHT</th><th data-bbox="1401 984 1477 1016">WIDTH</th><th data-bbox="1477 984 1563 1016">DEPTH</th></tr> </thead> <tbody> <tr> <td data-bbox="877 1016 1315 1260">COMBINED WEIGHT OF COMPONENTS:</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td data-bbox="877 1260 1315 1292">COMBINED VOLUME:</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td data-bbox="877 1292 1315 1343">SHIP TONNAGE:</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
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	HEIGHT	WIDTH	DEPTH																												
COMBINED WEIGHT OF COMPONENTS:																															
COMBINED VOLUME:																															
SHIP TONNAGE:																															

24-72559

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10991

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-19-()																									
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) <p>MICROPHONE AMPLIFYING EQUIPMENT RC-19-().</p> <p>FOR USE AT EXTREMELY LOW-TEMPERATURES. FOR PERM. INSTALL. IN PLANE. WILL PROBABLY CONSIST OF:</p> <p>MICROPHONE AMPLIFIER RC-216-() CORD (MIO. TO AMPLIFIER) CD-309 CORD (AMPLIFIER TO CONTROL BOX) CD-198 CORD (AMPLIFIER TO JUNG. BOX; FOR POWER) CD-122</p> <p>USED WITH BUT DOES NOT INCLUDE MIO. T-20.</p>																										
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																										
			<table border="1"> <thead> <tr> <th data-bbox="864 950 1304 987" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1304 950 1551 971">DIMENSIONS</th> <th data-bbox="1551 950 1633 987" rowspan="2">WEIGHT</th> <th data-bbox="1633 950 1759 987" rowspan="2">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1304 987 1386 1008">HEIGHT</th> <th data-bbox="1386 987 1467 1008">WIDTH</th> <th data-bbox="1467 987 1551 1008">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="864 1008 1304 1274">COMBINED WEIGHT OF COMPONENTS:</td> <td data-bbox="1304 1008 1386 1274"></td> <td data-bbox="1386 1008 1467 1274"></td> <td data-bbox="1467 1008 1551 1274"></td> <td data-bbox="1551 1008 1633 1274"></td> <td data-bbox="1633 1008 1759 1274"></td> </tr> <tr> <td data-bbox="864 1274 1304 1312">COMBINED VOLUME:</td> <td data-bbox="1304 1274 1386 1312"></td> <td data-bbox="1386 1274 1467 1312"></td> <td data-bbox="1467 1274 1551 1312"></td> <td data-bbox="1551 1274 1633 1312"></td> <td data-bbox="1633 1274 1759 1312"></td> </tr> <tr> <td data-bbox="864 1312 1304 1339">SHIP TONNAGE:</td> <td data-bbox="1304 1312 1386 1339"></td> <td data-bbox="1386 1312 1467 1339"></td> <td data-bbox="1467 1312 1551 1339"></td> <td data-bbox="1551 1312 1633 1339"></td> <td data-bbox="1633 1312 1759 1339"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:		
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	HEIGHT	WIDTH	DEPTH																										
COMBINED WEIGHT OF COMPONENTS:																													
COMBINED VOLUME:																													
SHIP TONNAGE:																													

24-21556

THIS SHEET IS CLASSIFIED RESTRICTED

24-15841

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-21				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) <p style="text-align: center;">INTERPHONE EQUIPMENT RC-21.</p> <p style="text-align: center;">TO PROVIDE TELEPHONE INTER-COMMUNICATION BETWEEN SIX TO TWENTY INDIVIDUAL STATIONS, AND TO PERMIT OPERATION OF THE RADIO SETS FROM CERTAIN DESIGNATED STATIONS IN THE AIRPLANE. INCLUDES PROVISION OF A LOUDSPEAKER IN EACH COMPARTMENT. FOR OPERATION FROM 12-14V (110V-1400 CYCLES). RC-41 COVERS SIMILAR EQUIPMENT FOR OPERATION FROM 24V. INCLUDES RC-212-B, RC-360-(), RC-361, RC-362, RC-363, RC-364, LS-4-(), LS-5-(), RA-26-().</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

72-71856

THIS SHEET IS CLASSIFIED: RESTRICTED

72-1084

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-23				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)					
			INTERPLANE COMMUNICATION EQUIPMENT RC-23.					
			FOR INSTALLATION ON AIRCRAFT HAVING FIVE OR MORE OPERATING POSITIONS, FOR INTER-COMMUNICATION BY TELEPHONE BETWEEN ANY COM- BINATION OF POSITIONS AND REMOTE CONTROL, FROM ANY POSITION, OF ANY RADIO SET IN THE AIRPLANE EXCEPT THE MARKER BEACON RECEIVER. TO COMPRISE A SWITCHBOARD, LOUDSPEAKERS AND TELEPHONE HANDSETS.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH			
			COMBINED WEIGHT OF COMPONENTS:					
			COMBINED VOLUME:					
			SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18861

24-21558

STATUS:	DEVELOPMENT
CHANGE IN STATUS:	

NOMENCLATURE
DESIGNATION:

RC-37

PARTS A & B - DESCRIPTION
(CLASSIFICATION: UNCLASSIFIED)

INTERPHONE EQUIPMENT RC-37.

CONSISTS OF: 1 INTERPHONE AMPLIFIER BC-367
1 JACK BOX BC-370
2 CONTROL BOX BC-368
1 CONTROL BOX BC-369
AND NECESSARY CORDS.

USED WITH BUT NOT PART OF: COMBAT CAR M1a1.

PART C - PRINCIPAL COMPONENTS
(CLASSIFICATION:)

[illegible]

THIS SHEET IS CLASSIFIED: RESTRICTED

1609-4009

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-41				
CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)					
			<p>TELEPHONE EQUIPMENT RC-41.</p> <p>(COMPLETELY 24V, DC POWERED, OTHERWISE THE MILITARY CHARACTERISTICS ARE SIMILAR TO THOSE FOR INTERPHONE EQUIPMENT RC-21),</p> <p>INCLUDES:</p> <p>INTERPHONE AMPLIFIER BC-347 AUDIO AMPLIFIER BC-360-() DYNAMOTOR UNIT PE-68-() INTERPHONE CONTROL BOX BC-361, BC-362 SWITCHBOARD BC-363 LOUSPEAKER LS-4-() LOUSPEAKER LS-5-() LOUSPEAKER CONTROL BOX BC-364 MOUNTING FT-198</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-71550

THIS SHEET IS CLASSIFIED RESTRICTED

24-15951

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-53																													
<div data-bbox="365 570 736 862" data-label="Image"> </div> <div data-bbox="365 889 736 971" data-label="Caption"> <p>SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.</p> <p>INTERPHONE EQUIPMENT RC-53</p> <p>June 16, 1941 SCL-2136</p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																														
<table border="1"> <thead> <tr> <th colspan="2" data-bbox="852 800 1290 841" rowspan="2">ITEM</th><th colspan="3" data-bbox="1290 800 1538 816">DIMENSIONS</th><th data-bbox="1538 800 1620 841" rowspan="2">WEIGHT</th><th data-bbox="1620 800 1744 841" rowspan="2">CLASSIFICATION</th></tr> <tr> <th data-bbox="1290 816 1372 841">HEIGHT</th><th data-bbox="1372 816 1454 841">WIDTH</th><th data-bbox="1454 816 1538 841">DEPTH</th></tr> </thead> <tbody> <tr> <td colspan="2">COMBINED WEIGHT OF COMPONENTS:</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">COMBINED VOLUME:</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">SHIP TONNAGE:</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:							COMBINED VOLUME:							SHIP TONNAGE:						
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		HEIGHT	WIDTH	DEPTH																													
COMBINED WEIGHT OF COMPONENTS:																																	
COMBINED VOLUME:																																	
SHIP TONNAGE:																																	

FORM 1550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

70-10941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-73	
<div data-bbox="289 446 618 1140" data-label="Image"> </div> <div data-bbox="681 548 733 1003" data-label="Caption"> <p>INTERPHONE AMPLIFIER RC-709-A, (DIAGONAL VIEW); PART OF INTERPHONE EQUIPMENT RC-73; MADE BY KINGSTON PRODUCTS CORP., ON ORDER NO. 681-WF-42</p> </div> <div data-bbox="742 457 776 1084" data-label="Text"> <p>AL-1049-42 AIRCRAFT RADIO LANGUAGE, WEIGHT FIELD, ORIO OFFICIAL PHOTOGRAPH - NOT FOR REPLICATION</p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) INTERPHONE EQUIPMENT RC-73. AN INTERPHONE EQUIPMENT FOR PRIMARY TRAINING TYPE AIR- PLANES COMPRISED OF THE FOLLOWING TENTATIVE COMPONENTS: SELF- CONTAINED BATTERY-OPERATED INTERPHONE AMPLIFIER (RC-709-()); 2 MICROPHONES, AND 2 HEADSETS. INCLUDES RC-709-().		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-27506

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

THIS SHEET IS CLASSIFIED: RESTRICTED

24-21559

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-161-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p>TELEPHONE EQUIPMENT RC-161-().</p> <p>INCLUDES ONE TELEPHONE EE-8-A, 1 CHEST SET TD-1, 1 HEAD-SET HS-29-(), TWO WEATHERPROOF JUNCTION BOXES EACH CONTAINING TWO R.F. CHoke COILS, ONE SLIP-RING AND COLLECTOR SYSTEM AND ONE LENGTH OF TWO CONDUCTOR CABLE.</p> <p>NOTES: PROVIDES FACILITIES FOR A TELEPHONE CIRCUIT FOR THE OPERATOR OF RADIO SET SCR-551-().</p> <p>PART OF: SCR-551-().</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

74-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

74-15991

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-169-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) RECORDING EQUIPMENT RC-169-() (GENERAL PURPOSE). PORTABLE EQUIPMENT FOR GENERAL MILITARY USE, FOR RECORDING AND IMMEDIATE REPRODUCTION OF AUDIBLE SPEECH SUCH AS VERRAL OR- DERS AND CONFERENCES, AND SIGNALS FROM TELEGRAPH, TELEPHONE, RADIO OR OTHER ELECTRICAL SOURCES. SPEED VARIABLE IN 1 TO 4 RATIO OR AT LEAST 3 FIXED SPEEDS, WITH 15 MINUTES MINIMUM RE- CORDING TIME. FOR USE ON EITHER 110-VOLTS, 60-CYCLE SINGLE PHASE AC OR 12-VOLT STORAGE BATTERY WITH INVERTER.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-71055

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10961

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-175		
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) INTERPHONE EQUIPMENT RC-175- CONSISTS OF: (A) INTERPHONE AMPLIFIER BC-347-C (B) DYNAMOTOR UNIT PE-86-() (C) SWITCH SW-195 (D) SWITCH SW-141-() (E) RELAY RK-42-() (F) INDEFINITE LENGTH OF CORDAGE CO-122-A OR CO-122-B (G) INDEFINITE LENGTH OF CORDAGE CO-119-A OR CO-119-B (H) INDEFINITE LENGTH OF CORDAGE CO-219. () REMOVED 10/15/42.			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-21552

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-179-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) RECORDING EQUIPMENT RC-179-() (RADIO INTERCEPT). PORTABLE EQUIPMENT FOR RADIO SUPERVISION AND INTERCEPTION, FOR RECORDING AND IMMEDIATE REPRODUCTION OF TELEGRAPH, TELEPHONE, RADIO OR OTHER SIGNALS. SPEED CONTINUOUSLY VARIABLE OVER 1 TO 4 RATIO, WITH 15 MINUTES MINIMUM RECORD TIME. FOR USE ON 95-125 VOLT, 60 CYCLE SINGLE PHASE AC POWER.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

26-21558

THIS SHEET IS CLASSIFIED: RESTRICTED

26-10971

[illegible]

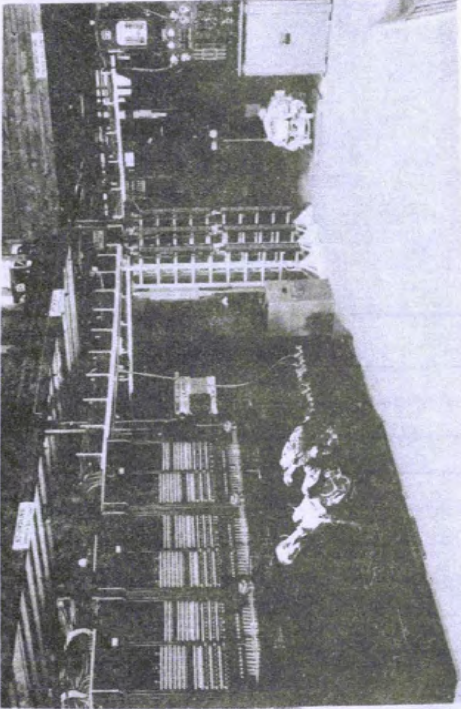
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT 	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-208-()	
<div data-bbox="299 443 741 1115"> </div> <div data-bbox="755 686 794 826" style="writing-mode: vertical-rl; transform: rotate(180deg);"> RESTRICTED </div> <div data-bbox="817 545 855 976" style="writing-mode: vertical-rl; transform: rotate(180deg);"> RADIO RECEIVER RELAY CONTROL BOX - PART OF RADIO RELAY CONTROL UNIT RC-208 Front View </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) RADIO CONTROL EQUIPMENT RC-208-(). COUPLING EQUIPMENT FOR AUTOMATIC RELAY FROM ONE RADIO CIRCUIT TO ONE OR MORE OTHER RADIO CIRCUITS TO PERMIT EXTENDED RANGE OF COMMUNICATION. ONE RATED FROM THE SAME POWER SOURCE AS THE RADIO SETS WITH WHICH IT IS USED. USED WITH BUT NOT PART OF: SCR-508, 528, 608, 628, 708, 728, 808, 828.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-1				
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)					
 <p style="text-align: center;">TELEPHONE CENTRAL OFFICE SET TC-1 Complete Set Up</p> <p style="text-align: center;">NAV 11-17-41 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. 80-800</p>		TELEPHONE CENTRAL OFFICE SET TC-1 (ARMY) A COMPLETE TRANSPORTABLE TELEPHONE EXCHANGE OR CENTRAL OFFICE FOR USE AT HEADQUARTERS REQUIRING A TELEPHONE SWITCHBOARD OF THE CAPACITY OF 1 TO 6 SWITCHBOARDS 80-80-A.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

28-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

28-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

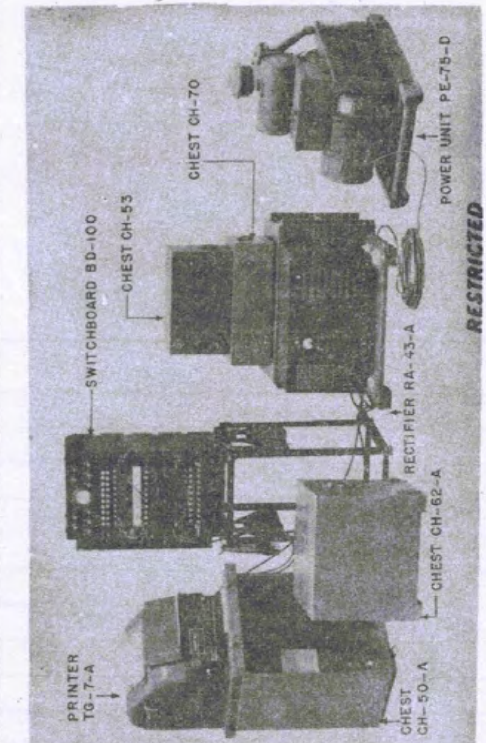
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-2		
 <p style="text-align: center;">TELEPHONE CENTRAL OFFICE SET TC-2</p> <p style="text-align: center;">DATE 11-13-42 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NO. SIGNAL 5399</p>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">TELEPHONE CENTRAL OFFICE SET (Corps) TC-2.</p> <p style="text-align: center;">A COMPLETE TRANSPORTABLE TELEPHONE EXCHANGE OR CENTRAL OFFICE FOR USE AT HEADQUARTERS REQUIRING A TELEPHONE SWITCHBOARD OF THE CAPACITY OF 1 OR 2 SWITCHBOARDS BD-89.</p> <p style="text-align: center;">NET WEIGHT: 2900 POUNDS EACH, PACKED.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18991

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-3		
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RESTRICTED</p> </div> </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
TELEGRAPH CENTRAL OFFICE SET TC-3 (PRINTER). INCLUDES SWITCHBOARD BD-100, PRINTER TG- () AND ALL OTHER EQUIPMENT NECESSARY TO SET UP COMPLETE CENTRAL.					
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10981

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

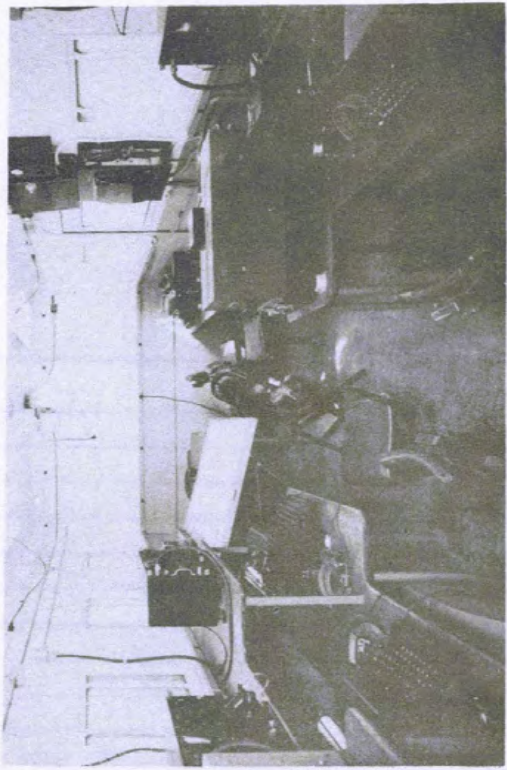
10601-001

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-5				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

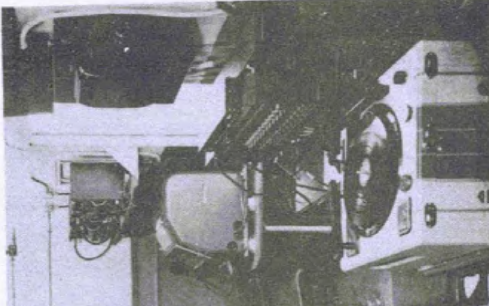
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-8	
 <p style="text-align: center;">MOBILE RADIO DIRECTION FINDER CENTRAL TRAILER View of Interior - Looking Forward</p> <p style="text-align: right; font-size: small;">BY 2-28-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. 301</p>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">RADIO DIRECTION FINDER CENTRAL TC-8.</p> <p style="text-align: center;">TRAILER CONTAINS (VEHICULAR, NOT MOBILE) UNIT FOR PURPOSE OF COORDINATION AND PLOTTING INFORMATION RECEIVED BY RADIO AND WIRE FROM DIRECTION FINDER STATIONS.</p> <p style="text-align: center;">INCLUDES RADIO RECEIVING APPARATUS, TELEPHONE SWITCHBOARD, AND PLOTTING BOARD.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18931

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1>TC-9</h1>																											
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																													
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> MOBILE RADIO INTERCEPT CENTRAL TRAILER View of Interior - Looking Forward DAY 2-28-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N.J. - NO. 305 </p>			RADIO INTERCEPT CENTRAL TC-9. TRAILER CONTAINED (VEHICULAR, NOT MOBILE) UNIT FOR PURPOSE OF INTERCEPTING, RECORDING, INTERPRETING, RADIO COMMUNICATIONS. CONSISTS OF RADIO RECEIVERS, RECORDERS, SWITCHBOARD, ANTENNA. PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:) <table border="1" data-bbox="862 764 1736 1156"> <thead> <tr> <th data-bbox="862 764 1302 805" rowspan="2">ITEM</th><th colspan="3" data-bbox="1302 764 1386 805">DIMENSIONS</th><th data-bbox="1386 764 1475 805" rowspan="2">WEIGHT</th><th data-bbox="1475 764 1736 805" rowspan="2">CLASSIFICATION</th></tr> <tr> <th data-bbox="1302 805 1386 834">HEIGHT</th><th data-bbox="1386 805 1475 834">WIDTH</th><th data-bbox="1475 805 1549 834">DEPTH</th></tr> </thead> <tbody> <tr> <td data-bbox="862 834 1302 1086">COMBINED WEIGHT OF COMPONENTS:</td><td data-bbox="1302 834 1386 1086"></td><td data-bbox="1386 834 1475 1086"></td><td data-bbox="1475 834 1549 1086"></td><td data-bbox="1549 834 1624 1086"></td><td data-bbox="1624 834 1736 1086"></td></tr> <tr> <td data-bbox="862 1086 1302 1114">COMBINED VOLUME:</td><td data-bbox="1302 1086 1386 1114"></td><td data-bbox="1386 1086 1475 1114"></td><td data-bbox="1475 1086 1549 1114"></td><td data-bbox="1549 1086 1624 1114"></td><td data-bbox="1624 1086 1736 1114"></td></tr> <tr> <td data-bbox="862 1114 1302 1156">SHIP TONNAGE:</td><td data-bbox="1302 1114 1386 1156"></td><td data-bbox="1386 1114 1475 1156"></td><td data-bbox="1475 1114 1549 1156"></td><td data-bbox="1549 1114 1624 1156"></td><td data-bbox="1624 1114 1736 1156"></td></tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																											
	HEIGHT	WIDTH	DEPTH																													
COMBINED WEIGHT OF COMPONENTS:																																
COMBINED VOLUME:																																
SHIP TONNAGE:																																

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-10	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			TELEPHONE CENTRAL OFFICE SET TC-10 (ARMY). THIS TELEPHONE CENTRAL OFFICE SET IS THE SAME AS TC-1 EXCEPT THAT BD-80-() IS REPLACED BY BD-110-(). NOTES: THIS SET WILL BE PROCURED IN LIMITED QUANTITIES PEND- ING THE DESIGN AND STANDARDIZATION OF THE ULTIMATE TC-().		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	WEIGHT
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-23556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10931

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

[illegible]

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-14-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEPHONE REPEATER SET TC-14-() (VOICE FREQUENCY, 2 WIRE). A 2 ELEMENT, 2 WAY TYPE TELEPHONE REPEATER FOR USE WITH TWO WIRE LINES. CONTAINS AMPLIFYING EQUIPMENT FOR IMPROVING TEL- EPHONE TRANSMISSION. PROVISION IS MADE FOR CONTAINING A DRY BATTERY POWER SUPPLY.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-16-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			REPERFORATOR-TELETYPEWRITER SET TC-16-(). CONSISTS OF: 1 REPERFORATOR TRANSMITTER TG-26-() (TYPING TELETYPE) 1 LINE UNIT BE-77-A AND ASSOCIATED EQUIPMENT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	HEIGHT	WIDTH
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-2,550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-1080

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-20				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

70-21550

THIS SHEET IS CLASSIFIED: RESTRICTED

70-10051

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

[illegible]

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

94-10901

[illegible]

THIS SHEET IS CLASSIFIED RESTRICTED

1001-1003

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-29-()		
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) TELEPHONE REPEATER SET TC-29-() (VOICE FREQUENCY, 4 WIRE) CONSISTS OF TELEPHONE REPEATER EE-99-() AND AUXILIARY EQUIPMENT. THE AUXILIARY EQUIPMENT INCLUDES SUITABLE GROUNDING RODS, POWER PACK, SPARE VACUUM TUBES. TELEPHONE EE-99 FOR MONITORING AND WIRE FOR CONNECTING THE REPEATER EQUIPMENT. BATTERIES FOR OPERATION SHALL BE ORDERED SEPARATELY AS NOTED ON PARTS LIST.			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

74-21555

THIS SHEET IS CLASSIFIED RESTRICTED

74-10001

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-33-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)					
			CONVERTER SET TC-33-() (CARRIER, 2 WIRE-4 WIRE).					
			A CONVERTER SET INCLUDING ONE "CONVERTER CF-4-() (CARRIER, 2 WIRE-4 WIRE)" AND NECESSARY AUXILIARY EQUIPMENT NEEDED FOR CONNECTING, GROUNDING, AND POWERING THE CF-4-().					
			USED WITH BUT NOT PART OF: TC-37-(), AND CARRIER EQUIPMENTS SUCH AS TC-23 OR TC-21.					
			PART G - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
				COMBINED WEIGHT OF COMPONENTS:				
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21550

THIS SHEET IS CLASSIFIED: RESTRICTED

24-15041

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10907

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-5-()	
<div data-bbox="300 553 719 1235"> </div> <div data-bbox="776 732 814 1040" style="writing-mode: vertical-rl; transform: rotate(180deg);"> TELEGRAPH SET TG-5 Prepared for Operation - Showing Carrying Case </div> <div data-bbox="824 646 843 1138" style="writing-mode: vertical-rl; transform: rotate(180deg);"> DATE 11-18-41 SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N.J. - IN. 24-21558 </div>			<p style="text-align: center;">PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p style="text-align: center;">TELEGRAPH SET TG-5</p> <p style="text-align: center;">OPEN CIRCUIT BUZZER TELEGRAPH INSTRUMENT, ENCLOSED IN ALUMINUM ALLOY BOX OF SUCH CONSTRUCTION THAT FRONT OPENS OUT TO FORM KEYING TABLE. MAJOR COMPONENTS: 1 HEADSET HS-20; 1 INTERRUPTER BZ-5; 1 KEY J-41, AND 1 RELAY BK-7. OVER-ALL DIMENSIONS: 3.75 X 4.75 X 6.8 INCHES. WEIGHT PACKED: 6 POUNDS. CU. FT: .13</p> <p style="text-align: center;">TELEGRAPH SET TG-5-A</p> <p style="text-align: center;">SIMILAR TO TG-5 EXCEPT DIFFERENCES IN BINDING POSTS, INTERRUPTER AND RELAY.</p> <p style="text-align: center;">TELEGRAPH SET TG-5-B</p> <p style="text-align: center;">TELEGRAPH SET TG-5-A MODIFIED TO INCLUDE MODIFIED RELAY BK-7-B, AND KEY J-41-A.</p>		
<p style="text-align: center;">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</p>					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-15881

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-6				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">PRINTER TG-6.</p> <p style="text-align: center;">PORTABLE, TELEGRAPHIC; RECEIVING AND TRANSMITTING FOR PRINTING ON PAPER TAPE IN ENGLISH CHARACTERS MESSAGES RECEIVED OVER TELEGRAPH LINE FROM SIMILAR INSTRUMENT AT DISTANT STATION. HAS STANDARD TYPEWRITER KEYBOARD FOR TRANSMITTING MESSAGES. DEVELOPED FOR FIELD USE. REQUIRES 5 BATTERIES, TYPE 8B-29 WHICH ARE NOT INCLUDED.</p>					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21550

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10881

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-7-()	
<div data-bbox="319 500 637 1250"> </div> <div data-bbox="733 495 795 1258" style="border: 1px solid black; padding: 2px;"> <p>PRINTERS TG-7, TG-7-53, TG-7-54, TG-7-75 Shown From Left to Right</p> <p>DATE: 8-12-43 • SIGNAL CORPS LABORATORIES • FORT MONMOUTH • N.J. • N° SCL-2287</p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">PRINTER TG-7-A</p> <p>PAGE TYPE TELETYPE; CONSISTS OF A KEYBOARD TRANSMITTER, A TYPING UNIT, A CASE ON WHICH ARE MOUNTED THE DRIVING MOTOR AND AUXILIARY EQUIPMENT, AND A SOUND REDUCING DUST COVER. PART OF TELEGRAPH PRINTER SETS EE-97, AND EE-98.</p> <p style="text-align: center;">TELETYPEWRITER TG-7-B</p> <p>SIMILAR TO PRINTER TG-7-A, EXCEPT WITH SIMPLIFIED CIRCUIT, ELIMINATING LINE RELAY MOUNTING AND ASSOCIATED WIRING AND EQUIPMENT.</p> <p>NOTE: "TELETYPEWRITER" NOMENCLATURE REPLACES "PRINTER" BUT DOES NOT INDICATE CHANGE IN EQUIPMENT.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10491

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-8-()	
<div data-bbox="268 516 725 1268" data-label="Image"> </div> <div data-bbox="757 760 833 1003" data-label="Caption"> <p>CODE TRANSMITTER & RECORDER TG-8</p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

26-23551

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

26-23551

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-19			
<div data-bbox="295 511 856 609"> <p>4T IS PRPFX-H560SF PRINTER PERFORATOR TRANSMITTER (WITH SERIES GOVERNED MOTOR), OR 4T IS PRPFX-H560SF PRINTER PERFORATOR TRANSMITTER (WITH SYNCHRONOUS MOTOR); 4TXD-S60 TRANSMITTER-DISTRIBUTOR (WITH SERIES GOVERNED MOTOR), OR 4TXD-S60 TRANSMITTER-DISTRIBUTOR (WITH SYNCHRONOUS MOTOR)</p> </div>  <div data-bbox="437 1201 723 1234"> <p>TELETYPEWRITER SET TG-19 (Teletype Model 19 Set) Prepared for Operation</p> </div>			<p>PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p>TELETYPEWRITER SET TG-19 (TELETYPE MOD. 19, 110V.60 CY.AC or 120 V.DC.).</p> <p>TELETYPE PRINTER-PERFORATOR-TRANSMITTER-DISTRIBUTOR MODEL 19 ON TABLE (PAGE TYPE; FRICTION FEED; ADJUSTED TO PRINT 72 CHARACTERS PER LINE; EQUIPPED WITH SELF-STARTING SYNCHRONOUS MOTOR, FOR 368-OPM; STANDARD COMMUNICATION SYMBOL KEYBOARD; INCLUDES LINE RELAY, LINE RELAY MOUNTING, LINE RELAY FILTER, KEYBOARD CONTACT FILTER, END OF LINE INDICATOR, MESSAGE COPY-HOLDER, METAL TABLE COMPLETE WITH NECESSARY RECEPTACLES, CORDS, AND PLUGS, TELEPHONE SWITCHING KEY; EQUIPPED FOR STARTING AND STOPPING MOTORS OVER THE SIGNAL LINE BY OPERATION OF THE UPPER CASE "H" KEY, WITH SWITCH ARRANGEMENT TO PROVIDE FOR PERFORATING TAPE WITH THE SAME KEYBOARD EITHER INDEPENDENTLY OF THE RECEIVING PORTION OF THE MACHINE OR SIMULTANEOUSLY WITH THE TRANSMITTING AND RECEIVING PORTION OF THE MACHINE; AND WITH TRANSMITTER-DISTRIBUTOR WITH SELF-STARTING SYNCHRONOUS MOTOR ARRANGED FOR 368-OPM MOUNTED ON THE SAME TABLE; ARRANGED FOR COMPLETE OPERATION FROM A 110-VOLT, 60 CYCLE POWER SOURCE AND WIRED FOR POLARENTIAL OPERATION ON TELEPHONE COMPANY LINES.</p> <p>EACH TO INCLUDE A KIT CONTAINING A SERIES GOVERNED MOTOR WITH NECESSARY GEARS FOR USE IN PLACE OF THE SYNCHRONOUS MOTOR WHEN POWER SOURCE IS NOT REGULATED TO 60 CYCLES WITH SUFFICIENT ACCURACY; A COMPLETE SET OF ORDINARY MAINTENANCE TOOLS AND A COMPLETE SET OF APPLICABLE TELETYPE CORPORATION BULLETINS. FINISH OF ALL UNITS TO BE BLACK WRINKLE.)</p>				
<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</p>							
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION		
	HEIGHT	WIDTH	DEPTH				
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

24-2155C

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18541

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

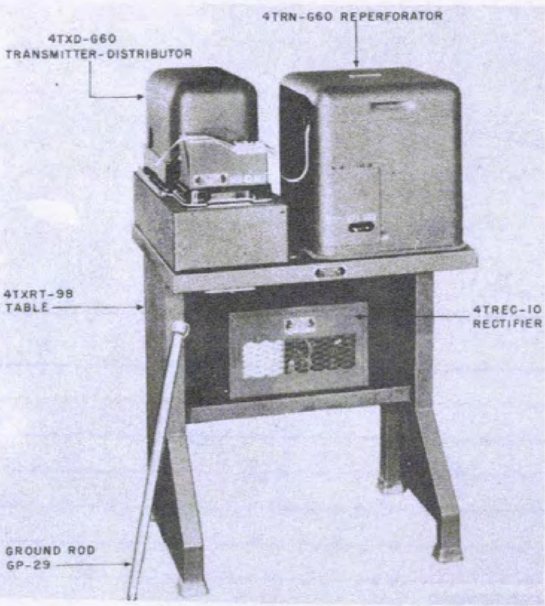
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: SUBSTITUTE STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-23		
<div data-bbox="274 518 833 1159"> </div> <div data-bbox="297 1214 837 1247"> <p>PERFORATOR TRANSMITTER SET TG-23 (Teletype Model 14 Perforator Transmitter Distributor Set) Prepared for Operation</p> </div>		<p>PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p>PERFORATOR TRANSMITTER SET TG-23 (NON-TYPING TELETYPE).</p> <p>STANDARD KEYBOARD EQUIPPED WITH SERIES GOVERNED MOTOR AND RECTIFIER FOR OPERATION OF 50-60 CYCLE, 115 V POWER SUPPLY. INCLUDES STEEL TABLE FOR MOUNTING ALL UNITS. SIMILAR TO TG-11 WITH ADDED TRANSMITTER-DISTRIBUTOR.</p> <p>NOTES: AS MFG. BY TELETYPE CORP.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

14-21551

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-15941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

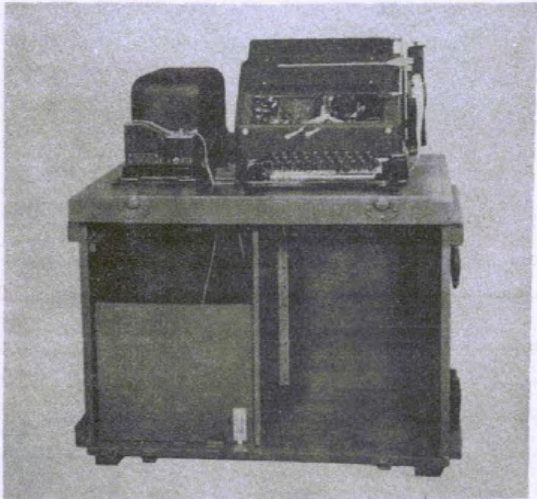
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-25	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) REPERFORATOR TRANSMITTER SET TG-25 (NON-TYPING, TELETYPE). EQUIPPED WITH SERIES GOVERNED MOTOR AND RECTIFIER FOR OPERATION ON 50-60 CYCLE, 115 VOLT POWER SUPPLY. INCLUDES STEEL TABLE FOR MOUNTING ALL UNITS. AS MFG. BY TELETYPE CORP.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
REPERFORATOR TRANSMITTER TG-25 (Teletype Model 14 Non-Typing Reperforator Transmitter Distributor Set) Prepared for Operation					
DATE 12-31-42 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. 8000-7029					
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18991

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-26-()	
 <p style="text-align: center;">RESTRICTED</p>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:		

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18991

24-23558

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-28-()			
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) REPEATER TG-28-() (MOTOR-DRIVEN, REGENERATIVE). PORTABLE FIELD TYPE, 368 OPERATIONS PER MINUTE. FOR OPERATION ON 50-60 CYCLE, 115 VOLT CM. POWER OR FIELD POWER-UNITS, OR ON BATTERY SUPPLY. USED WITH BUT NOT PART OF: BD-100, AND OTHER TELEG. COMMUNICATION EQUIPMENT.				
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
			ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

FM-71559

THIS SHEET IS CLASSIFIED: RESTRICTED

FM-71559

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-29-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)		
			REPEATER TG-29-() (ELECTRONIC, REGENERATIVE). VACUUM TUBE OPERATED, PORTABLE FIELD TYPE. FOR OPERATION ON 50- 60 CYCLE, 115 VOLT COMMERCIAL POWER OR FIELD POWER UNITS, OR ON BAT- TERY SUPPLY. USED WITH BUT NOT PART OF: BD-100 AND OTHER TELEGRAPH COMMUNI- CATION EQUIPMENT.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21559

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-30																						
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																							
			REPEATER TG-30 (TERMINAL).																							
			TERMINAL TYPE D.O. TELEGRAPH REPEATER WITH LINE SIDE ARRANGED FOR POLAR OR POLARENTIAL OPERATION. LOCAL SIDE ARRANGED FOR NEUTRAL OP- ERATION TO SIGNAL CORPS TELEGRAPH SWITCHBOARDS, TELETYPEWRITERS OR OTHER TELEGRAPH TERMINAL APPARATUS.																							
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																							
			<table border="1"> <thead> <tr> <th data-bbox="871 1268 1315 1308" rowspan="2">ITEM</th> <th colspan="3" data-bbox="1315 1268 1566 1308">DIMENSIONS</th> <th data-bbox="1566 1268 1644 1308">WEIGHT</th> <th data-bbox="1644 1268 1773 1308">CLASSIFICATION</th> </tr> <tr> <th data-bbox="1315 1308 1392 1333">HEIGHT</th> <th data-bbox="1392 1308 1479 1333">WIDTH</th> <th data-bbox="1479 1308 1566 1333">DEPTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="871 1333 1315 1382"></td> <td data-bbox="1315 1333 1392 1382"></td> <td data-bbox="1392 1333 1479 1382"></td> <td data-bbox="1479 1333 1566 1382"></td> <td data-bbox="1566 1333 1644 1382"></td> <td data-bbox="1644 1333 1773 1382"></td> </tr> <tr> <td data-bbox="871 1382 1315 1430"></td> <td data-bbox="1315 1382 1392 1430"></td> <td data-bbox="1392 1382 1479 1430"></td> <td data-bbox="1479 1382 1566 1430"></td> <td data-bbox="1566 1382 1644 1430"></td> <td data-bbox="1644 1382 1773 1430"></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH												
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																		
				HEIGHT	WIDTH	DEPTH																				
COMBINED WEIGHT OF COMPONENTS:																										
COMBINED VOLUME:																										
SHIP TONNAGE:																										

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-21556

[illegible]

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

1000

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-32-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEGRAPH SET TG-32-(). PORTABLE TYPE SENDING AND RECEIVING SET SIMILAR TO TELEGRAPH SET TG-5-B EXCEPT WITH MODIFIED EXTERNAL CONNECTING EQUIPMENT INCLUDING CORDS AND PLUGS SUITABLE FOR CONNECTING TO REPEATER OR TERMINAL EQUIP- MENT. FOR MANUAL MONITORING OF TELEGRAPH PRINTER CIRCUITS. ALSO EQUIPPED WITH BINDING POSTS FOR CONNECTING TO FIELD WIRE. ALL EQUIP- MENT INCLUDING CORDS AND PLUGS IS INCLOSED IN A COMPACT CARRYING CASE. PART OF: TC-26, TC-27, TC-18, TC-19.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21556

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18893

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-34-()				
	CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
			KEYER TG-34-(). PORTABLE KEYS WATERS CONLEY TYPE #90B-20 OR EQUAL. NOTES: TO BE USED IN PLACE OF TG-10- () IN FUTURE PROCUREMENTS. PART OF: CODE PRACTICE EQUIPMENTS EE-94-C, EE-95-C & EE-96-C.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

16-71558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-18941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-37-()				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) TELETYPEWRITER TG-37- (). SAME AS TELETYPEWRITER TG-7-B EXCEPT WITH WEATHER SYMBOL KEY-BOARD.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10991

Acc 234
Jan 57

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FORT MONMOUTH, NEW JERSEY
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