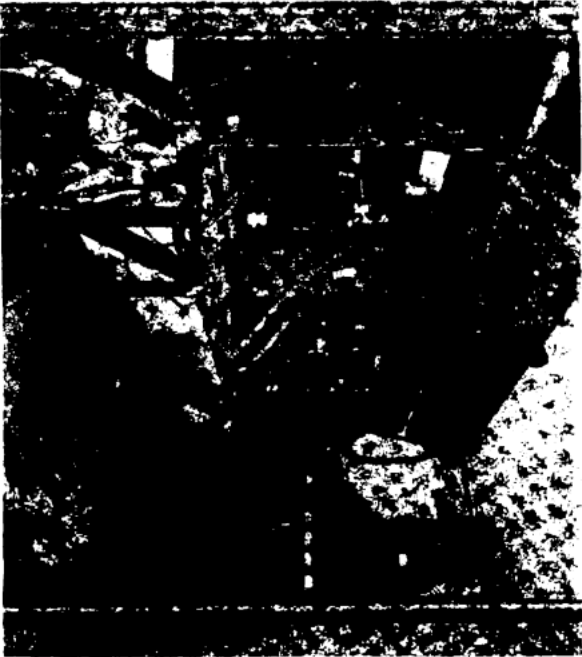


(GROUND SIGNAL EQUIPMENT: GROUND RADIO.)

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

<h1>SCR-499</h1>		NOMENCLATURE DESIGNATION		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		STATUS:		STANDARD 8 Jun 43		INSTRUCTIONAL LITERATURE: TM 11-281			
<b>PART A - TECHNICAL CHARACTERISTICS</b> (CLASSIFICATION: )  FREQUENCY RANGE: (Mc) Trans. 2.0 - 18.0 Reovr. 1.5 - 18.0  NUMBER OF CRYSTALS: 36 PRESET FREQUENCIES: 3  ANTENNA: WHIP OR LONG WIRE TUNING: (MO OR XTAL) BOTH  SENSITIVITY:                      SELECTIVITY: POWER SOURCE: AC 110 VOLTS, 60 CYCLES, SINGLE PHASE OR PE-95.  SIMILAR SETS: SCR-177-B; SCR-188-A; SCR-399 WITH-OUT SHELTER HO-17 AND WITHOUT 1-TON 2x0 TRAILER. POWER OUTPUT: (WATTS) 400 CW, 300 VOICE (2-8mc); 300 CW, 250 VOICE (8-12mc); 275 CW, 200 VOICE (12-18 mc). TUBES: (TYPE AND NUMBER) 1 BC-312; 2 6CS, 1 6F6, 4 6KT, 1 6LT, 1 6RT, 1 BC-342; 2 6CS, 1 6F6, 4 6KT, 1 6LT, 1 6RT, 1 9H4, 1 BC-614-B; 3 6SR7GT, 1 6SR7, 1 6 SQ7, 1 6V5, 1 80, 1 BC-610-B, 1 6W6, 1 6L6, 2 807, 1 250, 2 100, 2 2A3, 2 5Z3 2 866A, 3 6V-150-30.				<b>PART B - TACTICAL CHARACTERISTICS</b> (CLASSIFICATION: )  USE: Sig C, AC, AF, FA, CAV, INF. COMPONENTS INSTALLED IN VEHICLES.  RANGE: (MILES) 250 CW; 100 VOICE.  TO COMMUNICATE WITH: SCR-177; SCR-185; SCR-187; SCR-193; SCR-197; SCR-209; SCR-237; SCR-258; SCR-265; SCR-274-N; SCR-283; SCR-284; SCR-285; SCR-287; SCR-288; SCR-506; SCR-511; SCR-536; SCR-543; SCR-583.  TO REPLACE IN PART: SCR-299.  TRANSPORTATION: COMPONENTS PACKED FOR AIRBORNE SHIPMENT. (NO SHELTER OR TRAILER PROVIDED)  TYPE OF SIGNAL: CW; VOICE (AM)				CHANGE IN STATUS:		RADIO SET SCR-499 INCLUDES RADIO COMPONENTS OF RADIO SET SCR-399 PACKED FOR AIRBORNE SHIPMENT; DOES NOT INCLUDE SHELTER HO-17 AND TRAILER, K-52 FOR POWER UNIT. ABOVE PHOTOGRAPH SHOWS COMPONENTS IN SHELTER HO-17. 			
<b>PART C - PRINCIPAL COMPONENTS</b> (CLASSIFICATION: )													
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION							
		HEIGHT	WIDTH	DEPTH									
TRANS. BC-610													
REOVRS. BC-312, BC-342													
SPEECH AMPLIFIER BC-614-E													
ANT. TUNING UNIT BC-939													
POWER UNIT PE-95													
JUNCTION BOX JB-70													
COMBINED WEIGHT OF COMPONENTS													
COMBINED VOLUME OF COMPONENTS													
SHIP TONNAGE:													