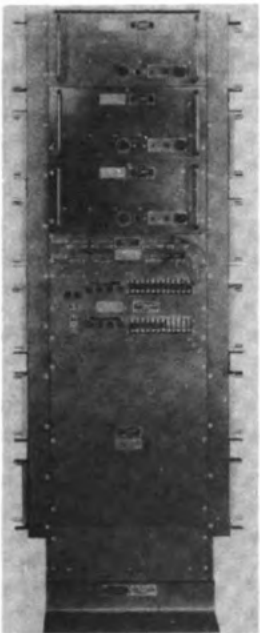
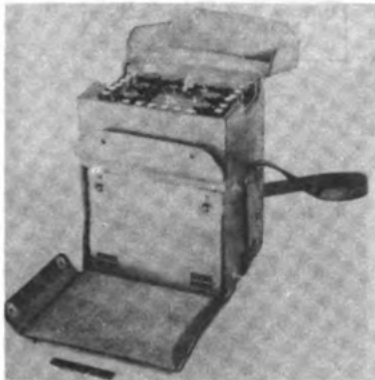
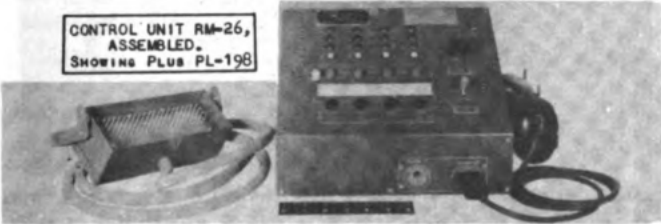


INSTRUCTIONAL LITERATURE:	STATUS:	STANDARD 20 Nov 43	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	<b>SCR-642</b>		
	CHANGE IN STATUS:		<p><b>PART A - TECHNICAL CHARACTERISTICS</b> (CLASSIFICATION: <b>RESTRICTED</b>)</p> <p>FREQUENCY RANGE: (MO) THE CONTROL SET SCR-642 IS AN OPERATIONS BLOCK OF A FIGHTER CONTROL SYSTEM AND CONTAINS NO RADIO EQUIPMENT.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: NONE</p> <p>TUNING: (MO OR XTAL) NONE</p> <p>SENSITIVITY:                      SELECTIVITY:</p> <p>POWER SOURCE: POWER UNIT PE-99 (7½ KVA 110V 3 PHASE 60 CYCLE) ALSO HAS PROVISIONS FOR USING COMMERCIAL POWER FROM A 110V 2 WIRE SERVICE.</p> <p>SIMILAR SETS: CONTROL SET SCR-572.</p> <p>POWER OUTPUT: (WATTS)</p> <p>TUBES: (TYPE AND NUMBER) 3-BC-687; 12-25L6.</p>	<p><b>PART B - TACTICAL CHARACTERISTICS</b> (CLASSIFICATION: <b>RESTRICTED</b>)</p> <p>USE: CONTROL SET USED AS AN OPERATIONS BLOCK WHICH PROVIDES THE NECESSARY CONTROL EQUIPMENT AND AUXILIARIES TO PERMIT SIMULTANEOUS OPERATIONAL CONTROL OF UP TO TWO (2) AIRCRAFT SQUADRONS FOR GROUND CONTROL OF INTERCEPTOR PURSUIT OPERATIONS.</p> <p>RANGE: (MILES) MINIMUM OF 135 MILES WITH AIRCRAFT AT 10,000 FT.</p> <p>TO COMMUNICATE WITH: RADIO SET SCR-573 OR SCR-643, SCR-574, OR SCR-644, SCR-575 OR SCR-645 BY TELEPHONE AND BY RADIO WITH FIGHTER AIRCRAFT EQUIPPED WITH SCR-522.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION:</p> <p>TYPE OF SIGNAL:</p>		
	<p>(LEFT) CONTROL EQUIPMENT FOR SCR-642.</p>					
						
	<p>(ABOVE) TELEPHONE REPEATER EE-99. CASE COVERS OPEN SHOWING CONTROL PANEL AND BATTERY COMPARTMENT DOOR</p>					
						
	<p>CONTROL UNIT RM-26, ASSEMBLED. SHOWING PLUS PL-198</p>					
<p><b>PART C - PRINCIPAL COMPONENTS</b> (CLASSIFICATION: <b>RESTRICTED</b>)</p>						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
3 CONTROL UNITS RM-25 EACH		20 "	11 1/4"	11 1/4"	44#	
2 CONTROL UNITS RM-26 EACH		11 7/8"	9 "	8 "	20#	
1 CONTROL UNIT RM-28		14 1/2"	12 "	7 "	35#	
3 SWITCHBOARDS BC-72 EACH		12 "	12 "	24 "	68#	
20 TELEPHONE REPEATERS EE-99		8 "	14 1/2"	11 1/2"	47#	
3 RELAY UNIT BC-687		9"	12 1/2"	9"	35#	
COMBINED WEIGHT OF COMPONENTS:					4,000#	
COMBINED VOLUME:					200 cu. FT.	
SHIP TONNAGE:					2T	

RADIO SET SCR-642 IS THE SAME AS CONTROL SET SCR-527 EXCEPT THAT IT IS HOUSED IN FIXED BUILDINGS NOT PART OF THE SET.