

# AN/GRN-1

INSTRUCTIONAL LITERATURE:	STATUS:	
	CHANGE IN STATUS:	

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

NOMENCLATURE DESIGNATION:

**PART A - TECHNICAL CHARACTERISTICS**  
(CLASSIFICATION: **RESTRICTED**)

FREQUENCY RANGE: 0.2 - 0.4  
 NUMBER OF CRYSTALS: PER SPECIAL ORDER.  
 PRESET FREQUENCIES: NONE  
 ANTENNA: SPECIAL - 200 MMF, 7 OHMS OR LESS.  
 TUNING: (MO OR XTAL) XTAL  
 SENSITIVITY: SELECTIVITY:  
 POWER SOURCE: POWER UNIT PE-75 OR 110 VOLTS  
 50 - 60 CYCLES. 550 VOLT-AMPERES  
 SIMILAR SETS: NONE  
 POWER OUTPUT: (WATTS) 50  
 TUBES: (TYPE AND NUMBER) 5 VT-145 (523)  
 5 VT-94 (625)  
 6 VT-100 (807)

**PART B - TACTICAL CHARACTERISTICS**  
(CLASSIFICATION: **RESTRICTED**)

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

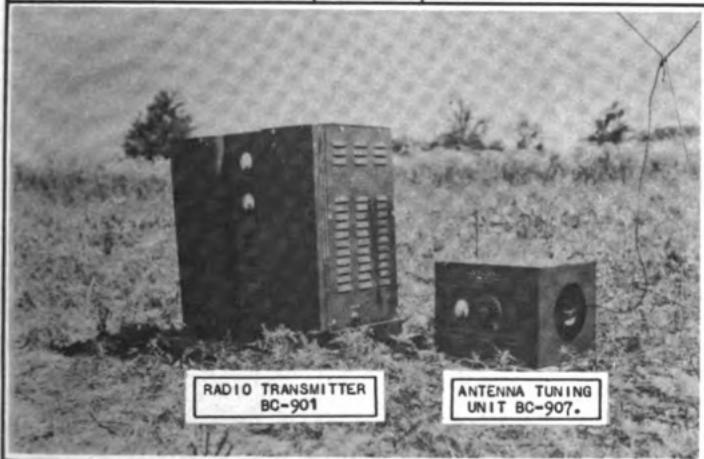
RANGE: 100 MILES OVER LAND OR 300 MILES OVER SEA WATER.

TO COMMUNICATE WITH: SCR-269

TO REPLACE IN PART: NONE

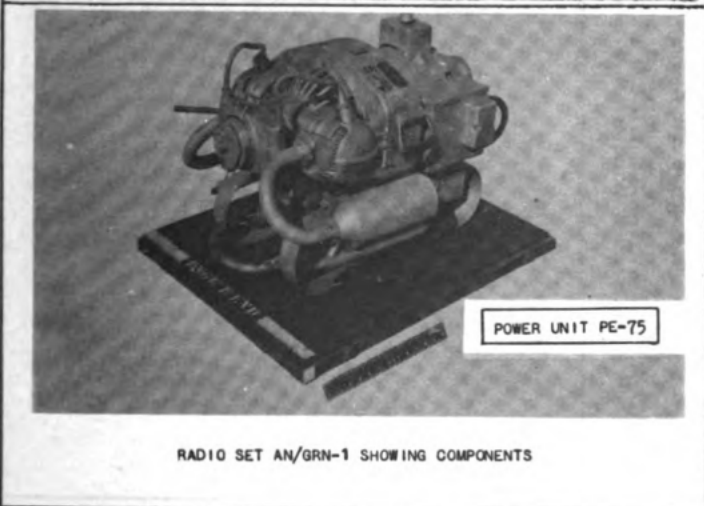
TRANSPORTATION:

TYPE OF SIGNAL: CW, MCW, VOICE.



RADIO TRANSMITTER BC-901

ANTENNA TUNING UNIT BC-907.



POWER UNIT PE-75

RADIO SET AN/GRN-1 SHOWING COMPONENTS

**PART C - PRINCIPAL COMPONENTS**  
(CLASSIFICATION: **RESTRICTED**)

ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
RADIO TRANSMITTER BC-901	25"	28"	16"	205 #	UNCLASSIFIED
POWER UNIT PE-75	36"	19"	27"	330 #	UNCLASSIFIED
COMBINED WEIGHT OF COMPONENTS:				ABOUT 800 LBS.	COMPLETE
COMBINED VOLUME OF COMPONENTS:					
SHIP TONNAGE:					