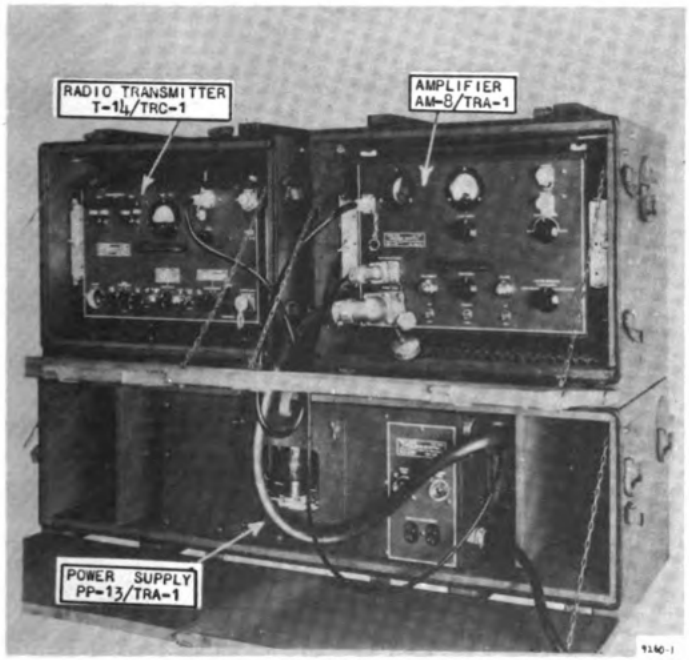
INSTRUCTIONAL LITERATURE:	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	**AN/TRA-1**
	CHANGE IN STATUS:				



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

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

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (MC) 70 - 100

NUMBER OF CRYSTALS: NONE (AMPLIFIER UNIT)

PRESET FREQUENCIES: NONE

ANTENNA: 3 ELEMENT PARASITIC BEAM.

TUNING: (MO OR XTAL)

SENSITIVITY: SELECTIVITY:

POWER SOURCE: POWER SUPPLY PP-13/TRA-1

SIMILAR SETS: NONE

POWER OUTPUT: (WATTS) 250

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

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

USE: ARMY GROUND FORCES; ARMY SERVICE FORCES.

RANGE: MINIMUM 25 MILES, MAXIMUM ACCORDING TO TERRAIN.

TO COMMUNICATE WITH: AN/TRC-1, AN/TRC-3. AN/TRC-4.

TO REPLACE IN PART: NONE

TRANSPORTATION: VEHICULAR

TYPE OF SIGNAL: FM

PART C - PRINCIPAL COMPONENTS
(CLASSIFICATION: RESTRICTED)

ITEM	DIMENSIONS HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
AMPLIFIER AM-8/TRA-1					RESTRICTED
POWER SUPPLY PP-13/TRA-1					UNCLASSIFIED
SPARE PARTS KIT MK-11/TRA-1					UNCLASSIFIED
FOR ANTENNA EQUIPMENT SEE BASIC SETS TRC-1, TRC-3 AND TRC-4.					
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME OF COMPONENTS:					
SHIP TONNAGE:					

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