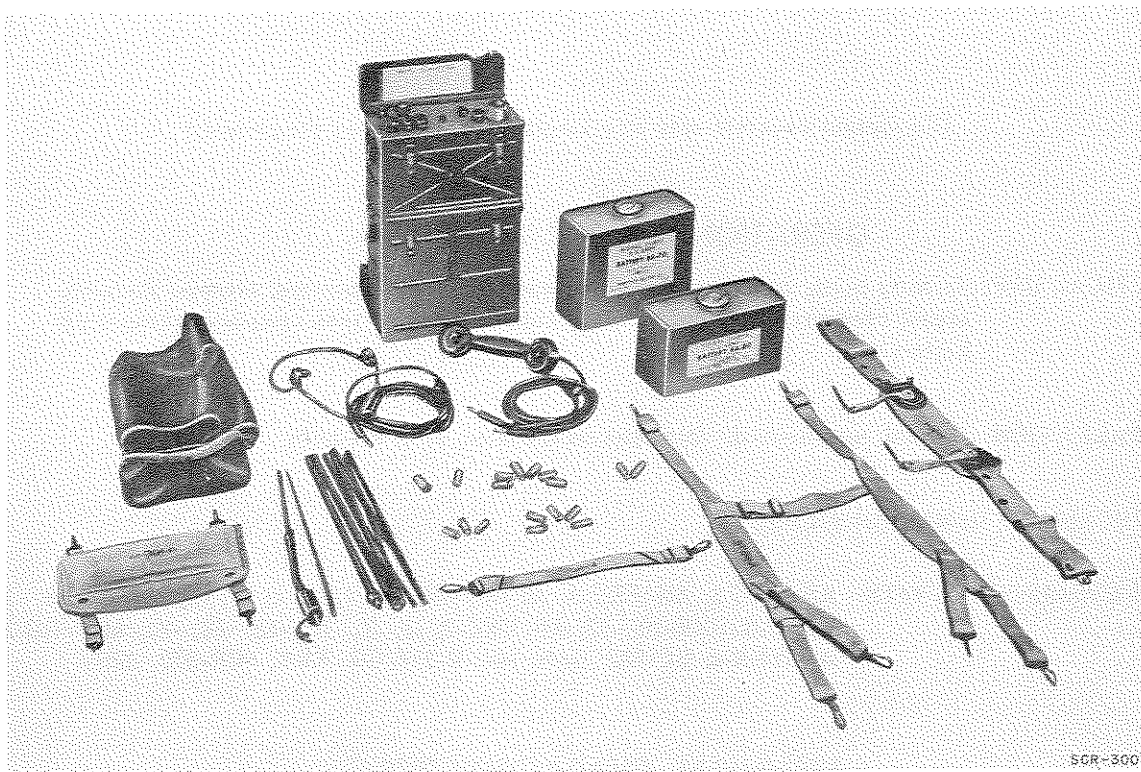


STATUS: Limited Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Army, Navy
 DATE OF THIS SHEET: 30 Jan 52

AN/PRC-TYPE

SERVICE TYPE NUMBER: SCR-300
 RADIO SET



Radio Set SCR-300 is a portable, short-range, low-power, f-m (voice) transmitting and receiving equipment used for communication by foot troops at company and higher combat levels.

This equipment consists of a transmitter-receiver contained in a metal housing, the lower portion of which is the battery compartment, and includes a flexible, whip-type antenna. It may be operated on the ground or while being carried by the operator or a "bearer" and may be installed in aircraft or vehicles. A handset with a press-to-talk switch is included but the equipment can be operated by means of headphones and microphone.

The vehicular version of this equipment is Radio Set AN/VRC-3.

AN/PRC-TYPE		INSTRUCTION LITERATURE: TM 11-242
SCR-300	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT:Unclassified
RADIO SET		USING SERVICE : Army, Navy
		DATE OF THIS SHEET : 30 Jan 52

MAJOR COMPONENTS

QUANT NAME OF COMPONENT DIMENSIONS (IN) INSTALLED WEIGHT (LBS)

(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Infantry units, company, battalion, and higher headquarters; armored division, signal company; airborne division, signal company; tank company, antiaircraft battery.

INSTALLATION: Ground, man-carried. Operates on the move or at the halt.

APPROXIMATE RANGE (IN MILES): 3.

CAN COMMUNICATE WITH: AN/CRC-3; AN/FRC-6, -9; AN/GRC-3, -4, -5, -6, -7, -8; AN/PRC-6, -10, -16; AN/URR-10, -12; AN/VRC-2, -3, -7, -10, -15, -18, -22; AN/VRQ-3; AN/VRR-4; BC-787; MAN; MN; R-137/GR; RBK; SCR-300, -607.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 40 - 48, in 40 channels.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice only.

POWER OUTPUT: Transmitter, 0.3 w. Receiver, 2.0 mw.

POWER REQUIREMENTS: Battery BA-80 or Battery Case CS-139.

PHYSICAL CHARACTERISTICS

Radio Set SCR-300 weighs 23.25 pounds net. Packed for domestic shipment: total weight 26.5pounds, total volume 2 cu ft. Packed for export shipment: total weight 44.5 pounds, total volume 3 cu ft. Shipped in 1 package both domestic and export.