STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

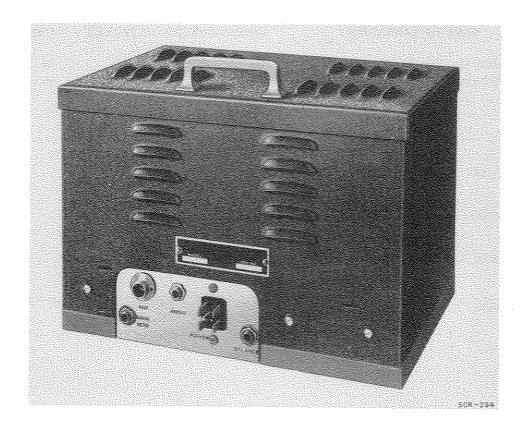
DATE OF THIS SHEET: 15 Feb 52

AN/VRR-TYPE

SERVICE TYPE NUMBER:

SCR-294

RADIO SET



Radio Set SCR-294 is a vehicular, short-range, f-m (voice) radio receiving equipment used in armored vehicles. It is also part of Radio Set SCR-293 and is used as the "additional" receiver component of that equipment.

This equipment consists essentially of a single radio receiver and a shock mount. The receiver is capable of operating on five channels spaced 100 kc apart.

Radio Set SCR-294 is the 12-v model of this equipment; Radio Set SCR-294-B is the 24-v model.

Power is supplied by the battery of the vehicle in which the equipment is installed.

AN/VRR-TYPE

SCR-294 RADIO SET :SERVICE TYPE NUMBER

INSTRUCTION LITERATURE: Hone

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE : Army

DATE OF THIS SHEET: 15 Feb 52

MAJOR COMPONENTS

QUANT

NAME OF COMPONENT

DIMENSIONS (IN) INSTALLED

WEIGHT (LBS)

Service Service

Radio Receiver BC-499 Mounting FT-239 9 x 9-1/2 x 12-1/4

19

 $12-1/2 \times 34-1/2 \times 2-1/2$

Not Available

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Armored vehicles of infantry and armored divisions.

INSTALLATION: Ground, vehicular. Operates on the move or at the halt.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/FRT-5, -6; AN/GRC-3, -4, -5, -6; AN/MRC-5, -16; AN/PRC-8, -9;

AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-5, -8, -9, -13, -14, -16, -17, -20, -21; AN/VRQ-1, -2; SCR-293, -298, -508, -509, -510, -528, -608, -609,

-610, -619, -628, -808, -828.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 20.0 - 27.9: channels spaced 0.1mc apart.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice only.

POWER OUTPUT: 0.5 (nominal) w.

POWER REQUIREMENTS: 12 v or 24 v dc (depending upon model).

PHYSICAL CHARACTERISTICS

Radio Set SCR-294 weighs 50 pounds net, volume 2.6 cu ft. Packed for domestic shipment: total weight 200 pounds.

CONFIDENTIAL—Security Information

ORIGINAL