

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

USING SERVICE: Army

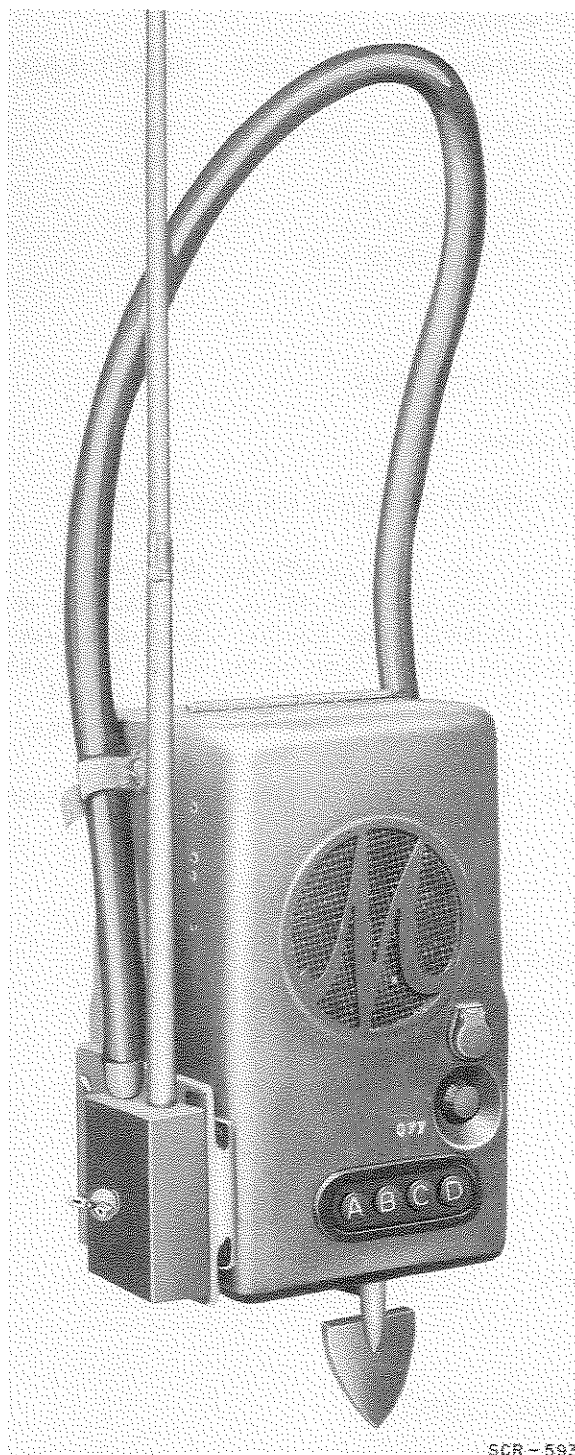
DATE OF THIS SHEET: 10 Jan 52

AN/PRC-TYPE

SERVICE TYPE NUMBER:

SCR-593

RADIO SET



SCR-593

Radio Set SCR-593 is a portable light weight, a-m (voice), radio receiving equipment used for air-warning, patrols, and similar applications.

This equipment consists of a push-button controlled receiver having a rechargeable two-volt battery, which operates on four-preselected channels. In portable applications, the telescoping antenna and associated lead-in form a harness by which the set can be carried slung from the shoulder.

In vehicular applications, a shock mounting is provided.

AN/PRC-TYPE		INSTRUCTION LITERATURE: TM 11-859
SCR-593	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver BC-728-A	11-9/16 x 8-3/8 x 5-5/8	15.0
1	Antenna AH-75-A (extended)	84 (lg)	4.0
	(collapsed)	12 (lg)	4.0
1	Mounting FT-338-A and Accessories	Not Available	5.77
1	Battery BB-54-A	5-17/32 x 3-27/32 x 3	4.75

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Field artillery battalion, antiaircraft battery.

INSTALLATION: Ground or vehicular.

APPROXIMATE RANGE (IN MILES): Short.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7; AN/SRT-4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -339, -401, -447, -610; MBS; MQ; OA-60A/FRT, -60B/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -190/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 19S-4 (AF Model); Collins 32V-2; Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 2 - 6 mc, four push button channels.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER REQUIREMENTS: 2-v storage Battery BB-54-A.

PHYSICAL CHARACTERISTICS

Radio Set SCR-593 packed for domestic shipment: total weight 63 pounds, total volume 3 cu ft.