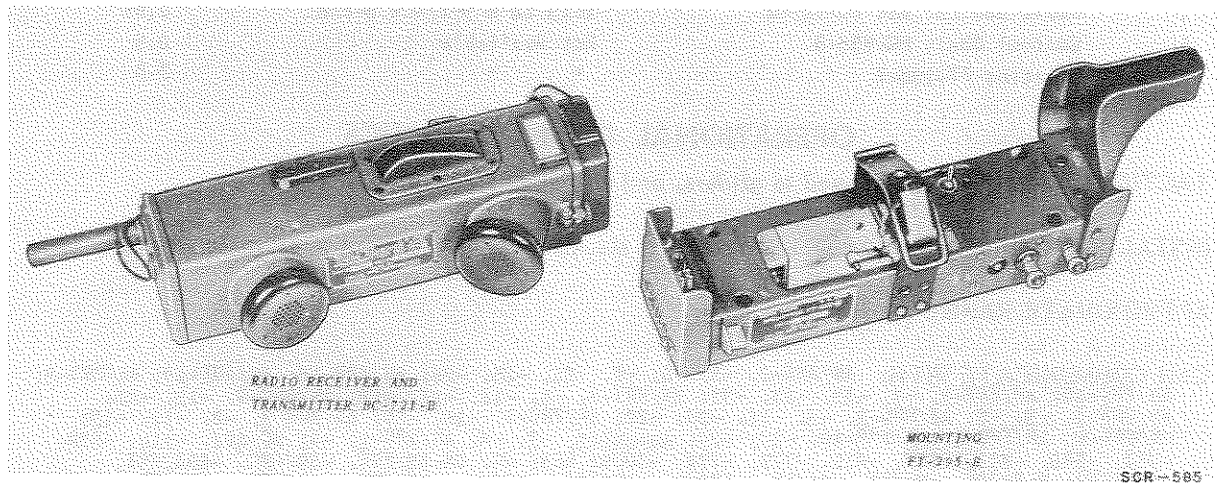


STATUS: Limited Standard	AN/URC-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Air Force	
DATE OF THIS SHEET: 10 Jun 52	
SERVICE TYPE NUMBER: SCR-585	
RADIO SET	



Radio Set SCR-585 is a portable, man-carried, crystal-controlled handy-talkie and is the airborne version of Radio Set SCR-536. It operates on a single preset channel, voice modulated, for point-to-point or air-to-ground, two-way communications with a range of 100 feet, to one mile in the 3.5 to 6.0 mc band.

It is designed for glider installation with Mounting FT-295 which allows personnel to quickly remove the equipment for ground use as emergency short range, light, man-carried communication equipment.

This radio set may also be used in flight by glider personnel for intercommunication, using Control Shaft MC-355.

It has a built-in 39-inch long telescopic antenna. Equipment is powered by Battery BA-37 (1.5 v) and Battery BA-38 (103.5 v).

Under normal operating conditions battery life is approximately 19 hours.

AN/URC-TYPE		INSTRUCTION LITERATURE: TM 11-227 & TM 11-235
		CLASSIFICATION OF EQUIPMENT: Unclassified
SCR-585	SERVICE TYPE NUMBER	USING SERVICE : Air Force
RADIO SET		DATE OF THIS SHEET : 10 Jun 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver and Transmitter BC-721-B	6 x 17-1/16 x 5-1/2	6.0
1	Radio Control Box BC-722-B	1-13/16 x 3-1/4 x 5-7/8	0.87
1	Control Shaft MC-355-B	Not Available	0.5
	Mounting FT-295-B	" "	3.3

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Normally issued to gliders, and air base personnel as required.

INSTALLATION: Airborne and ground portable: Mounting FT-295-B used in glider operation only.

APPROXIMATE RANGE (IN MILES): Short.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRR-3, -4, -12, -28, -32; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26; AN/GRR-2, -3, -5; AN/HRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRR-3, -8, -12, -13; AN/SRT-4; AN/TRQ-1; AN/URR-10, -22, -23; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -312, -339, -342, -348, -401, -447, -610, -779, -794, -1004; MBS; MQ; OA-58/FRC, -59/FRC, -60A/FRT, -60B/FRT; R-62/PR, -80/PR, -96/PR, -129/U, -203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U, -211/U, -213/SR, -274/FRR, -320/FRC, -388/URR; RAL; RAO; RAS; RBB; RBC; RBG; RBH; RBO; RBP; RBS; RC-52; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -399, -499, -506, -536, -543, -585, -593, -694, -704; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCO; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; AR-88 (RCA); Collins 18S-4 (AF Model); Collins 32V-2, 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; Marconi TH-41-B; National HRO-50; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 3.5- 6.0 (reception and transmission) crystal-controlled on any one preset frequency.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Receiving: Voice or tone.
Transmitting: Voice.

POWER OUTPUT: Transmitter: 500 mw.
Receiver: 250 mw.

POWER REQUIREMENTS: 1 Battery BA-37 (1.5v) for filaments, and
1 Battery BA-38 (103.5 v) for B supply.

PHYSICAL CHARACTERISTICS

Radio Set SCR-585 measures 5-1/2 x 6 x 17-1/16 inches, net weight 11.5 pounds, volume 2 cu ft.
Packed for domestic or export shipment: total weight 12 pounds, total volume 2.5 cu ft. Shipped in 1 package both domestic and export.