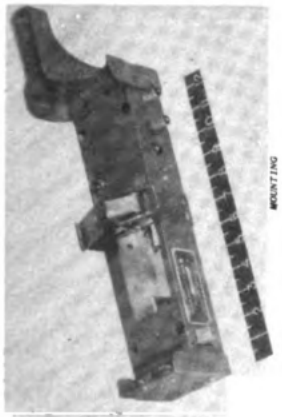
INSTRUCTIONAL LITERATURE:	STATUS:	LIMITED STANDARD 2 Dec 43	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:
(HMI) 08-10-123 (ON SCR-585-A)	CHANGE IN STATUS:			SCR-585



MOUNTING FT-295-B

RADIO CONTROL BOX BC-722-B

COMPONENTS OF RADIO SET SCR-585

RADIO RECEIVER AND TRANSMITTER BC-721-B

CONTROL SHAFT MC-355-B

EACH UNIT IS ADJUSTED TO OPERATE ON ONLY ONE FREQUENCY AT A TIME. RECEPTION AND TRANSMISSION ARE ON THE SAME FREQUENCY. RADIO SET SCR-585 BEING REPLACED BY INTERPHONE COMMUNICATION SIMILAR TO TYPES USED BY THE BRITISH.

PART A - TECHNICAL CHARACTERISTICS
(CLASSIFICATION:)

FREQUENCY RANGE: (Mc) 3.5 - 6 (Reception & Transmission) See Remarks.

NUMBER OF CRYSTALS: 2

PRESET FREQUENCIES: 1 ea. transmitting & receiving

ANTENNA: Telescopic antenna 39" long.

TUNING: (MO OR XTAL) Crystal

SENSITIVITY: SELECTIVITY:

POWER SOURCE: Self contained - "A" Battery BA-37 (1.5 V), "B" Battery BA-38 (103.5 V).

SIMILAR SETS: SCR-536

POWER OUTPUT: (Watts)

TUBES: (Type and Number)

1 - BC - 721-A: 2 - 1R5
1 - 1T4
2 - 3S4

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION:)

USE: Dual purpose radio receiver and transmitter, designed for two-way conversation. To be used in towed gliders then to be removed and used for ground communication.

RANGE: (Miles) 100 ft to 1 mile.

TO COMMUNICATE WITH: Other radio sets SCR-585.

TO REPLACE IN PART:

TRANSPORTATION: Originally for glider-tow plane intercommunication (installed)

TYPE OF SIGNAL: Voice and tone modulated reception Voice modulated transmission.

PART C - PRINCIPAL COMPONENTS
(CLASSIFICATION: RESTRICTED)

ITEM	DIMENSIONS HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
Radio Receiver and Transmitter BC-721-B	6	5 1/2	17 1/16	6.0	
Radio Control Box BC-722-B	1 13/16	5 7/8	3 1/4	.87	
Control Shaft MC-355-B	---	---	---	.5	
Mounting FT-295-B	---	---	---	3.3	
Note: Due to variations in aircraft installations both weights and volumes of complete sets vary considerable and the figures shown are therefore approximate.					
COMBINED WEIGHT OF COMPONENTS:				11 1/2#	approx.
COMBINED VOLUME:				2 cu.ft.	approx.
SHIP TONNAGE:					

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