THIS SHEET IS CLASSIFIED: RESTRICTED

RC-193, 193-Z

NOMENCLATURE DESIGNATION

NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.

STATUS:

CHANGE IN STATUS:

INSTRUCTIONAL LITERATURE:

(HMI) AN-08-10-194

PART A – TECHNICAL CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

FREQUENCY RANGE: (Mc) 75

NUMBER OF CRYSTALS: None

PRESET FREQUENCIES: (Mc) 75

ANTENNA: 1/2 wave

TUNING: (MO or XTAL) None

SENSITIVITY: About 2000 microvolts/meter

SELECTIVITY:

POWER SOURCE: Low and High Voltage supplied by Airplane 24 V. Battery. See Note*

SIMILAR SETS: RC-39, RC-43

POWER OUTPUT (WATTS)

TUBES: (Type and Number) (1) 6SH7
(1) 6SL7-GT(VT-229)
(1) 12SN7-GT

PART B - TACTICAL CHARACTERISTICS
(CLASSIFICATION: RESTRICTED)

USE: To receive 75 Mc Marker Beacon signals.

RANGE: Does not apply.

TO COMMUNICATE WITH: RC-115, AN/MRN-3

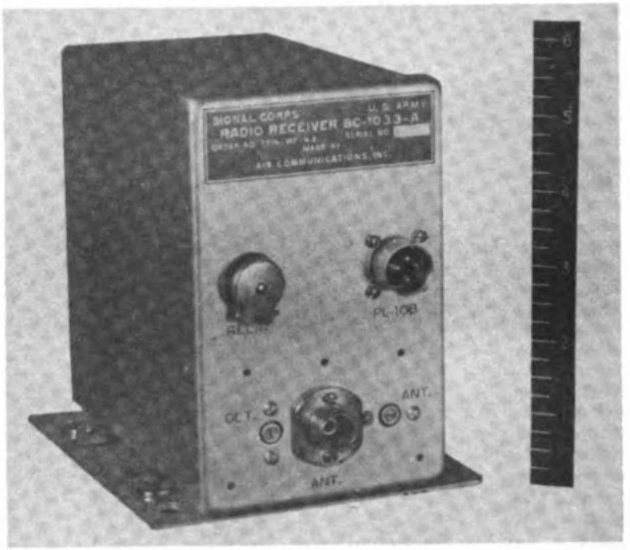
TO REPLACE IN PART: RC-39, RC-43

TRANSPORTATION: Airborne

TYPE OF SIGNAL: M.C.W.

PART C – PRINCIPAL COMPONENTS
(CLASSIFICATION: RESTRICTED)

ITEM	DIMENSIONS HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
Radio Receiver BC-1023 & 1033	5 3/8"	5 3/8"	3 7/16"	2.47#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				3.17#	
COMBINED VOLUME OF COMPONENTS:				.5 CU. FT.	
SHIP TONNAGE:				4.5 LBS. (APPROX.)	



RADIO RECEIVER BC-1033, FRONT VIEW. PART OF RC-193 AND RC-193-Z.

This Receiver differs from RC-39 and RC-43 in that it does not require any high voltage supply.

* NOTE REGARDING POWER SOURCE: RC-193 and RC-193-Z are identical except that RC-193-Z works from 12 V. Battery.

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