

~~RESTRICTED~~

# AN/ARR-11

Radio Receiving Set AN/ARR-11 is an airborne set which receives MCW or voice modulated signals within the 200 to 500 kilocycle band and the 1.5 to 18 megacycle band. It operates from a 24-volt power supply and comprises certain of the radio receiving components of the present Radio Set SCR-287-A, the principal component of which is Radio Receiver BC-348-(). Any production type of this receiver may be used except production type BC-348-B, BC-348-C or BC-348-D. Any mounting FT-154-() for this receiver may be used except FT-154-A.

Radio Receiver BC-348 is capable of receiving voice, MCW, or CW signals in the frequency range of 1.5 to 18.0 mc.

It is now being used as the companion receiver to the AN/ART-13A transmitter. The receiver and transmitter operate from a common liaison antenna AN/ARA-4. The three units together are known as Radio Set AN/ARC-8.

Test equipment required for maintenance includes general purpose testing equipment only.

Army Supply Program requirements as of 11 December 1944 were 19,401 equipments for the calendar year 1944 and 18,443 for 1945.

POWER INPUT	65 WATTS @ 28 VOLTS
POWER OUTPUT	400 MILLIWATTS
FREQUENCY	200-500 KC. 1.5-18 MC. (5 bands)
TYPE OF SIGNAL	CW; MCW; VOICE
RANGE	800 MILES (Approx.)
SENSITIVITY	LESS THAN 5 MICRO-VOLTS 1.5-18.0 MC. LESS THAN 8 MICRO-VOLTS 200-500 MC.

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
3	6K7	4	6SK7
1	6J7	1	6SA7
1	6C5	1	6SJ7
1	41	1	6SR7
1	6B8	1	6K6GT
1	6F7		
1	RCA-991 neon bulb		



Radio Receiver BC-348-R

## RADIO RECEIVING SET AN / ARR - 11

TOTAL WEIGHT 42 LBS.

Component	Nomenclature	Size	Weight
Radio Receiver	BC-348-()	10" x 18" x 11"	35 Lbs.
Mounting	FT-154-()	2" x 9" x 18"	4 Lbs.

and includes plugs, cable, and adapters.

March 1945