

Transmitting Equipment AN/APQ-2 is an airborne noise modulated transmitter for use in jamming enemy radars in the 200 to 550 mc. frequency range. It is used specifically to interfere with the enemy coast watching radar and some early warning radars operating in that frequency range between those of Transmitting Equipment AN/APT-1 and Radar Set AN/APT-2. It overlaps the frequencies of the two sets so that full coverage over the entire spectrum is available.

Frequency of the transmitter is usually pre-set prior to take-off to cover a specific channel. The equipment has a sufficiently high power output to effectively screen a large bomber within the range of the enemy radars. It is effective in creating confusion at the enemy radars as to number of bombers approaching, and in preventing successful night fighter interception.

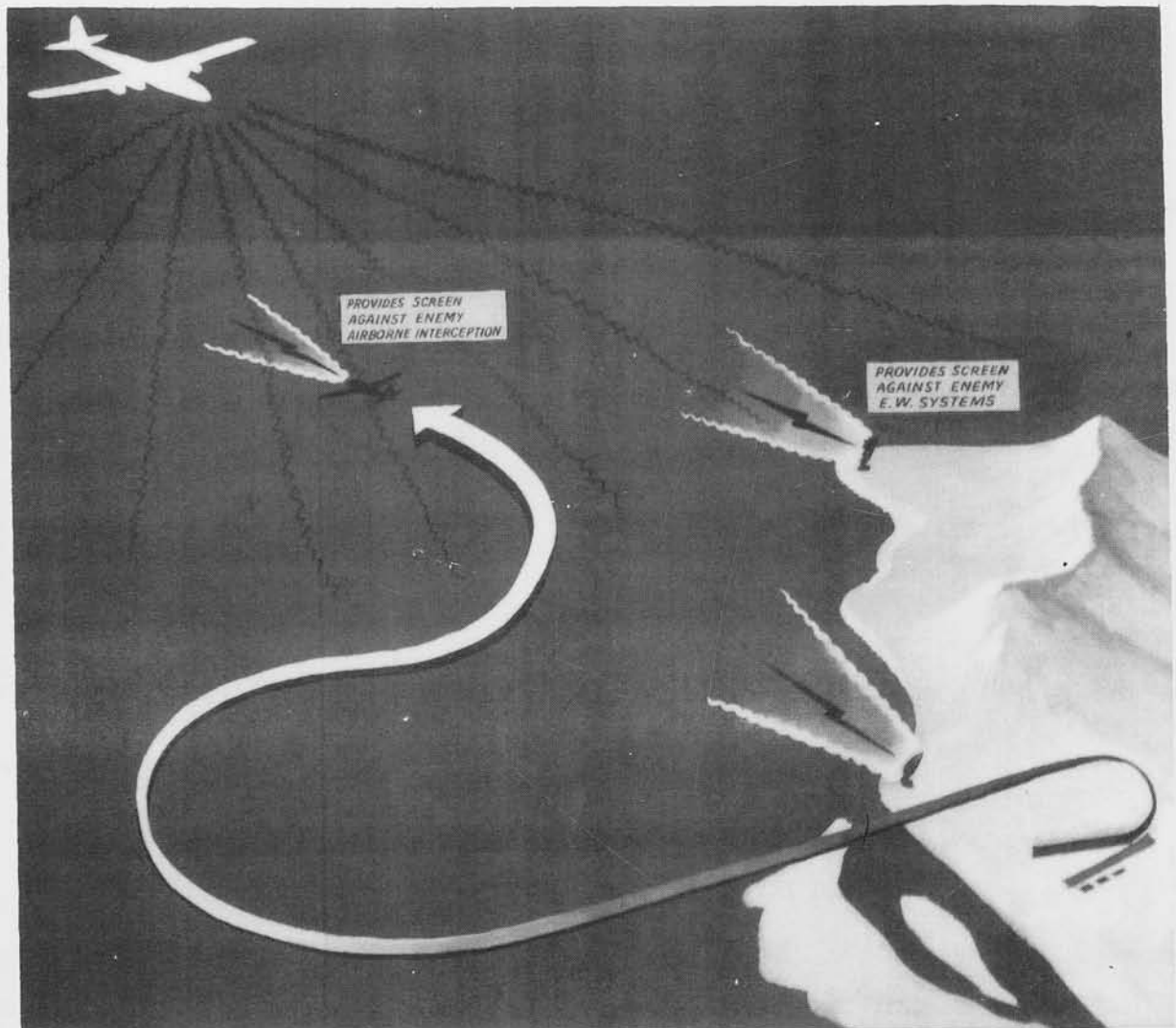
Power is obtained from an 80-115 volt, 400-2600 c.p.s., a.c. source.

Test equipment required for the maintenance and tuning of the equipment includes Test Meter I-139-A, Pickup Assembly TS-131/AP, Frequency Meter TS-175/AP, Hickok Voltmeter type 110, Radio Frequency Wattmeter TS-118/AP or TS-70/AP and Test Set I-56-K.

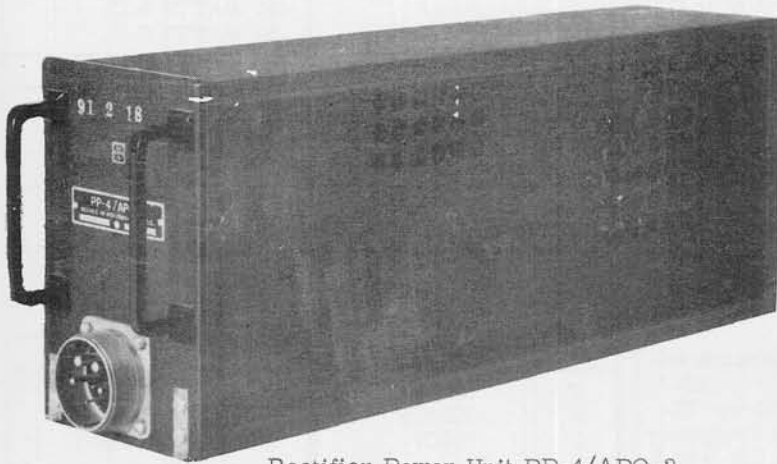
Army Supply Program requirements as of 31 July 1944 were 4,020 for the calendar year 1944, and 5,352 for 1945.

POWER INPUT	430 WATTS A.C. 35 WATTS D.C.
POWER OUTPUT	25 TO 5 WATTS
FREQUENCY RANGE	200 TO 550 MC.
TYPE OF SIGNAL	A.M. WITH NOISE AND INCIDENTAL F.M.
MODULATION BAND- WIDTH	7 MC.

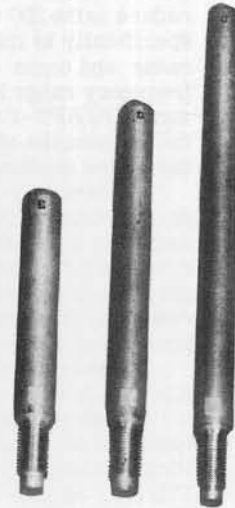
TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
2	388A	1	6AG7
4	5R4GY	2	807
2	6AC7	1	931A



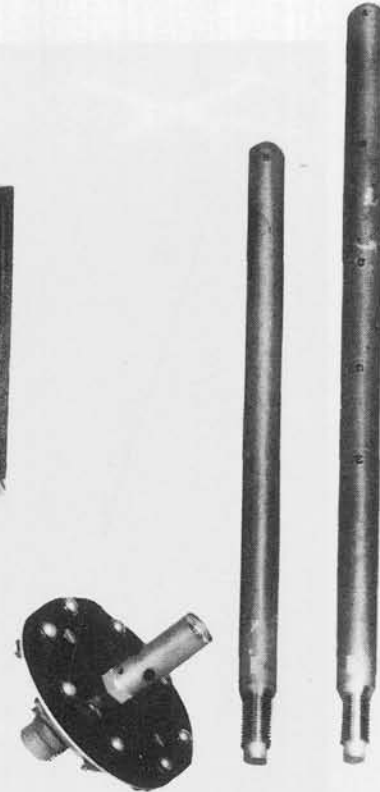
Transmitting Equipment AN/APQ-2 provides cover for bomber formations against enemy early warning and intercept radar.



Rectifier Power Unit PP-4/APQ-2



Radar Transmitter T-9/APQ-2



Antenna Assembly AS-65/APQ-2

TRANSMITTING EQUIPMENT AN/APQ-2

TOTAL WEIGHT 94 LBS.

Component	Nomenclature	Size	Weight
Radar Transmitter	T-9/APQ-2	7 3/4" x 10 1/4" x 22 "	43 LBS.
Rectifier Power Unit	PP-4/APQ-2	7 3/4" x 5 " x 22 "	36 LBS.
Antenna Assembly	AS-65/APQ-2	16 1/2" x 3 " max. diameter	8 LBS.
Mounting Base	MT-171/U	2 1/4" x 10 5/8 x 22 "	3 LBS.
Mounting Base	MT-167/U	2 1/4" x 5 1/4" x 22 "	3 LBS.

and includes mountings, plugs, adapters and cables.