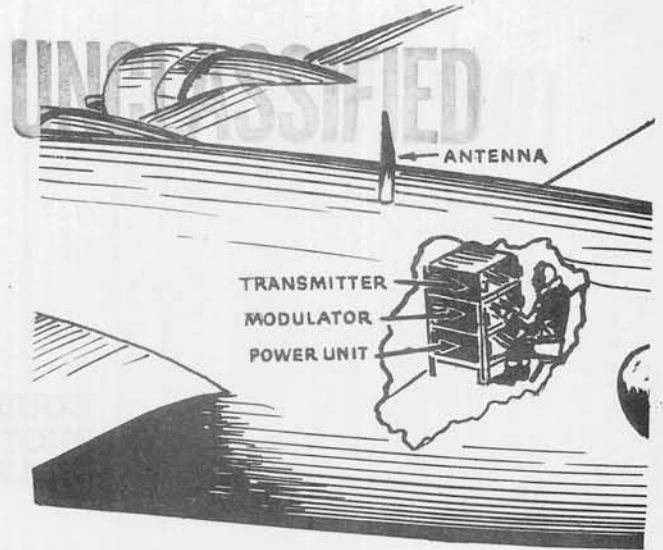


Radar Set AN/APT-6 is an airborne magnetron barrage or spot jammer for use against radar, communication, and the German GM control in the frequency range of 15 to 250 mc. Its advantages over existing communication barrage jammers are in its greater effectiveness for an equivalent amount of power especially against FM, in adjustable band width, and in the extremely wide range covered by the single unit. The frequency range is covered by a series of tuning units, each covering a band over which the transmitter is continuously tunable with one frequency and one coupling control. A single control is supplied for band width adjustment and all controls are adjustable in flight.

Power is obtained from an 80/115 volt, 400-2600 c.p.s. a.c. source and 28 volt d.c. source. The power input of 1500 watts produces an output of 150 watts over the frequency range of the transmitter. Random noise modulation with incidental frequency modulation is used for jamming the enemy signal.

Radar Set AN/APT-6 was deleted from the Army Supply Program as of 5 June 1944.

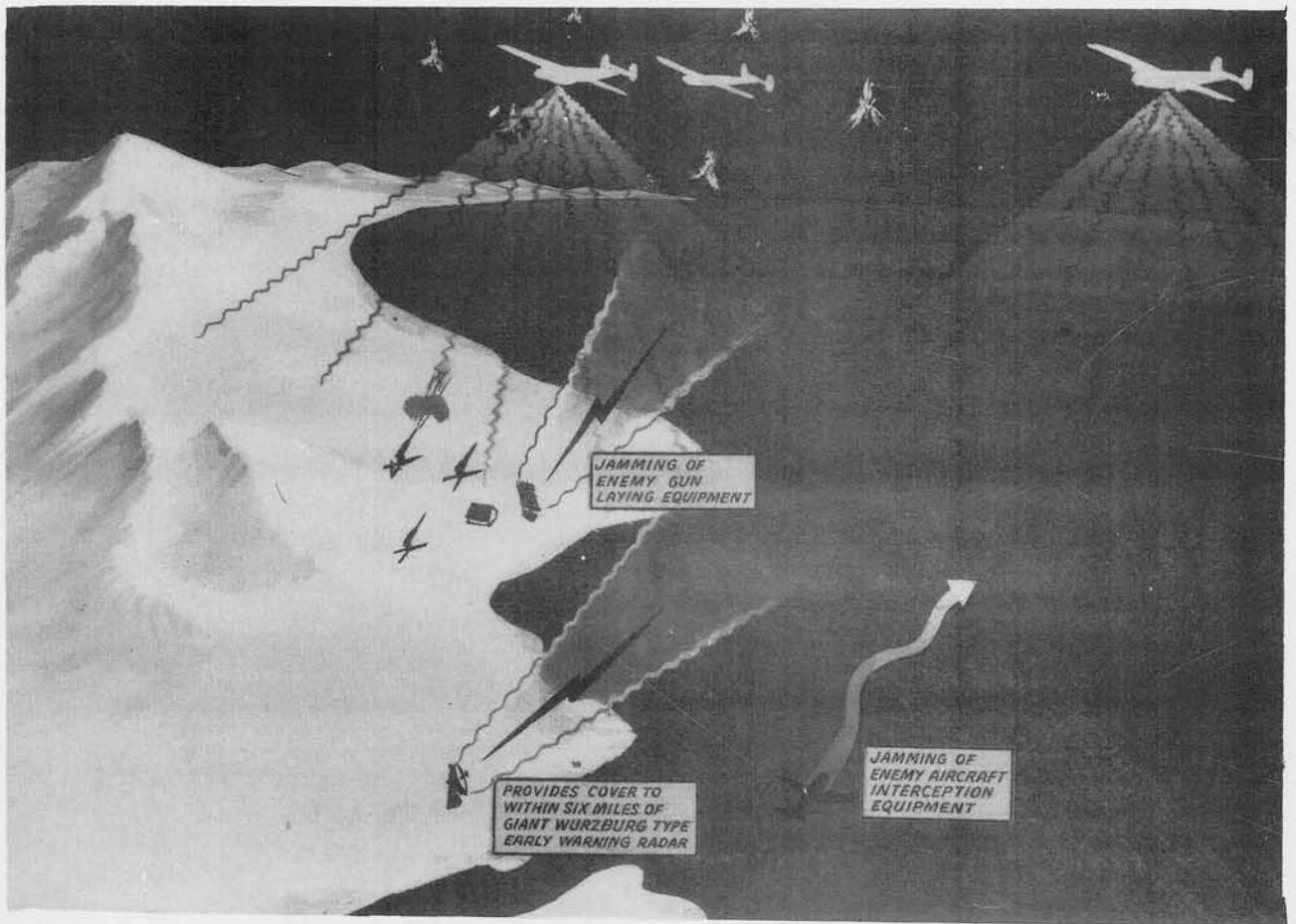
Test Equipment used in maintenance of the set includes Test Set I-139/A, Fluxmeter TS-15A/AP Analyzer TS-54/AP, Radio Frequency Wattmeter TS-131/AP, Frequency Meter TS-174/UP, and Hickok Voltmeter type 110.



Installation of Radar Set AN/APT-6 aft Co-pilots position, B-29 airplane.

POWER INPUT	1500 WATTS
POWER OUTPUT	150 WATTS
FREQUENCY RANGE	15-250 MC.

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
1	GL-5J30	1	807
1	5R4GY	1	604
2	6AG7		



Radar Set AN/APT-6 is a high power jamming transmitter of sufficient power to screen a large bomber with in six miles of a Giant Wurzburg Early Warning Radar.

AN/APT-6



UNCLASSIFIED

**EQUIPMENT
PHOTOGRAPHS
UNAVAILABLE**

RADAR SET AN/APT-6 **UNCLASSIFIED** TOTAL WEIGHT 210 LBS.

Component	Nomenclature	Size	Weight
Radar Transmitter		4 5/8" x 10 1/8" x 21 3/4"	75 Lbs.
Rectifier Power Unit		4 5/8" x 10 1/8" x 21 3/4"	50 Lbs.
Modulator		4 5/8" x 10 1/8" x 21 3/4"	75 Lbs.
Mounting	MT-171/U	2 1/4" x 10 5/8" x 22"	3 1/4 Lbs.