

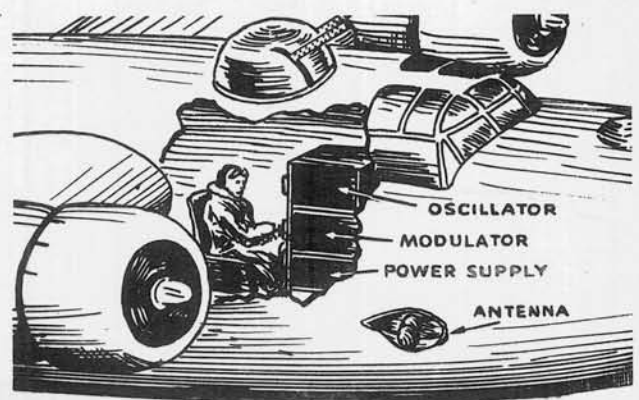
Radar Set AN/APT-8 is an airborne radar barrage jammer to cover the frequency range 700-1100 mc. It is known to the services as Broadloom.

It consists of an oscillator unit composed of a single, tuneable liquid-cooled magnetron, type ZP-584, a high voltage power supply, a modulator, low voltage supply and an autotransformer.

Power is obtained from an 80/115 volt, 400-2600 c.p.s., a.c. source and a 28 volt d.c. source.

Test equipment required for the maintenance and tuning of the equipment includes Test Set I-139-A, Fluxmeter TS-15/AP, Analyzer TS-54/AP, Radio Frequency Wattmeter TS-118/AP, Pickup Assembly TS-131/AP, Frequency Meter TS-175/U and Frequency Meter TS-213/U.

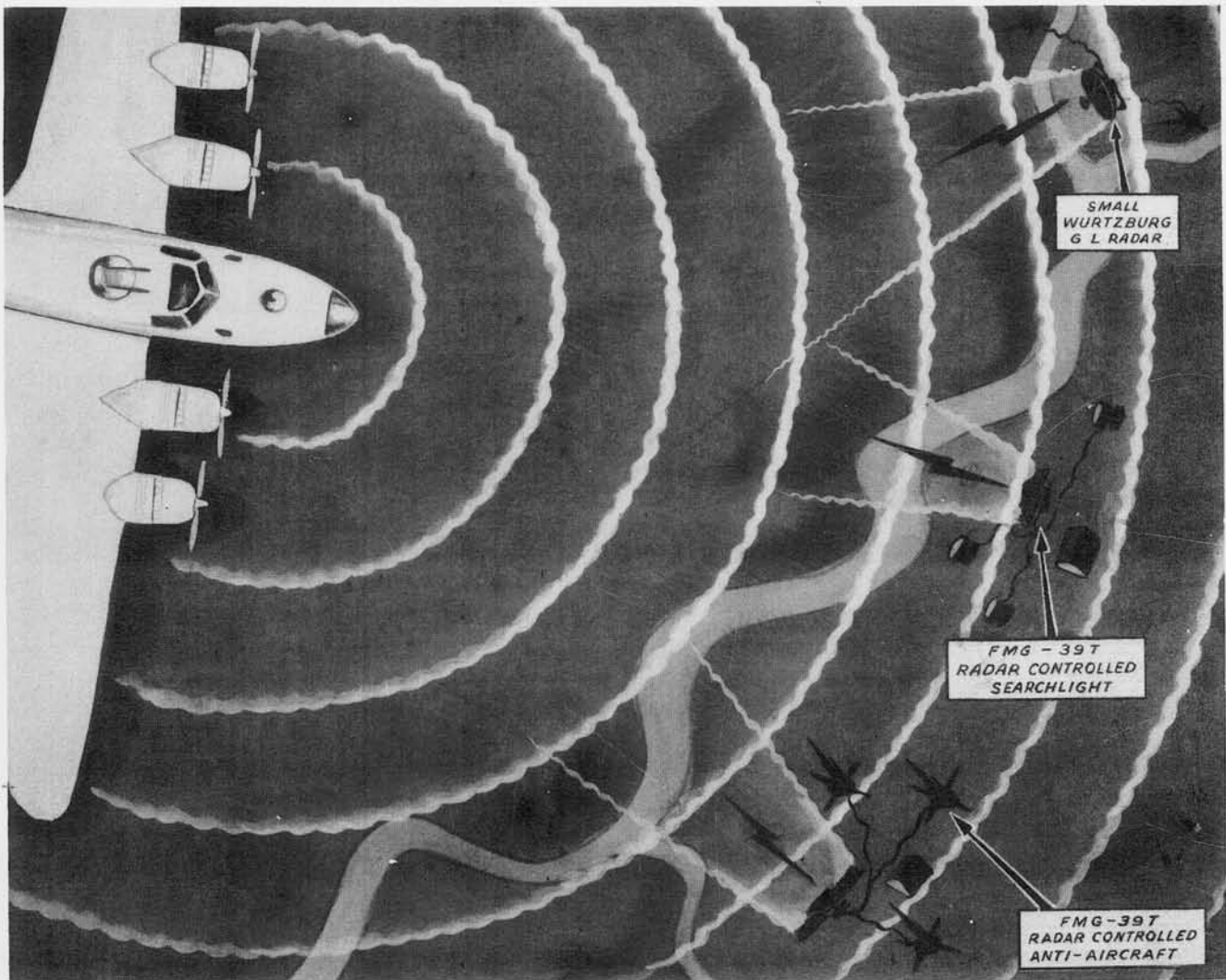
There were no Army Supply Program requirements as of 1 November 1944.



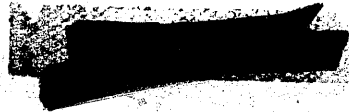
Installation of Radar Set AN/APT-8 in B-24 airplane.

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
1	ZP-584	1	6D4
4	836	2	6AG7
1	5R4GY	1	807

POWER INPUT	1500 WATTS
POWER OUTPUT	100 WATTS
FREQUENCY RANGE	700-1100 MC.



Radar Set AN/APT-8 is an high power jamming transmitter operating over the frequency range 700-1100 mc.



**EQUIPMENT
PHOTOGRAPHS
UNAVAILABLE**

UNCLASSIFIED

RADAR SET AN/APT-8

TOTAL WEIGHT 220 LBS.

Component	Nomenclature	Size	Weight
Radar Transmitter		7 5/8" x 10 1/8" x 21 3/4"	75 Lbs.
Rectifier Power Unit		7 5/8" x 10 1/8" x 21 3/4"	50 Lbs.
Modulator		7 5/8" x 10 1/8" x 21 3/4"	75 Lbs.
and includes cables, plugs and mountings.			