

RESTRICTED
UNCLASSIFIED

Army Supply Program requirements as of 31 July 1944 were 20 sets for the calendar year 1944.

Training Set AN/TPQ-T1 is a jamming transmitter designed to train operators in the use of anti-jamming equipment. It covers the frequency range 100 to 230 mc. The equipment provides sine-wave amplitude-modulated and frequency modulated signals. The equipment is set up close to the equipment to be jammed and has a low power output.

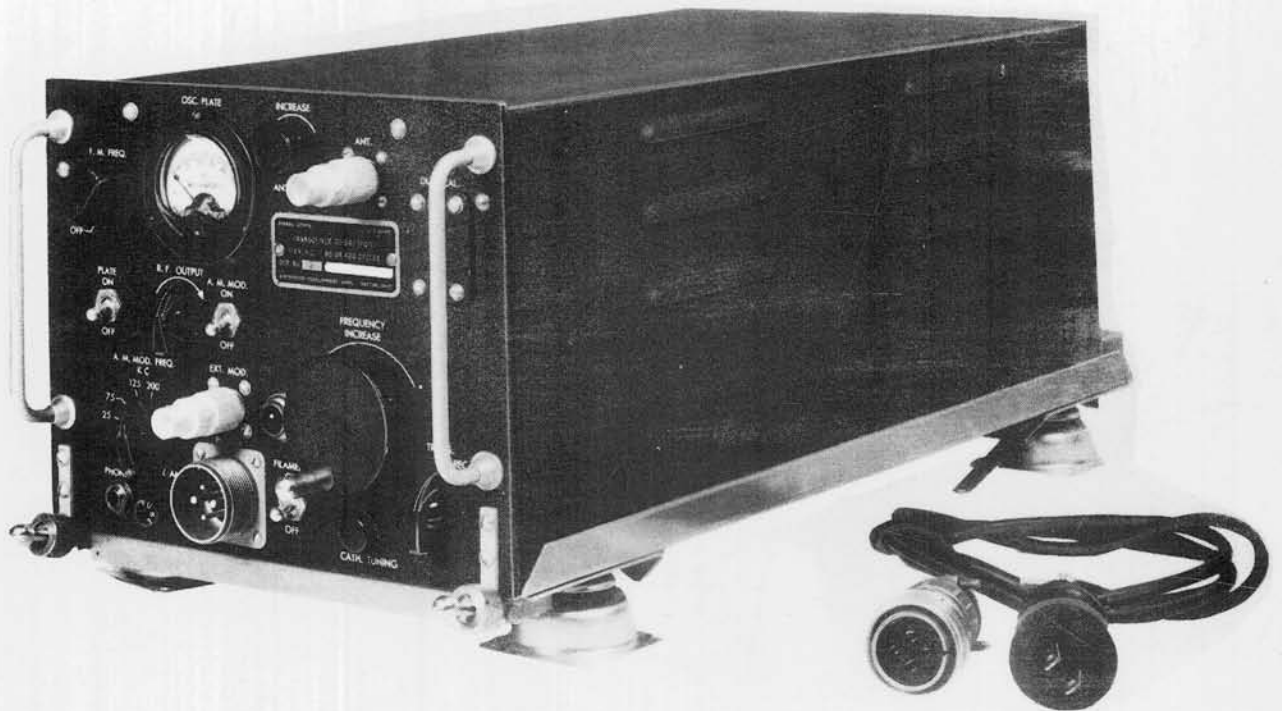
An operator is required to tune the set to the radar signal to be jammed and to select the type of jamming to be used. A trained instructor is necessary to observe and correct the reactions of the radar personnel against which the equipment is used and to outline the proper procedures to be followed in the presence of jamming signals.

The equipment is transportable and may be set up in the vicinity of the radar against which it is to be used. Any convenient simple antenna may be used with it. A 115 volt, 60-400 c.p.s., a.c. power source is required for the operation of the set.

No special test equipment is required for maintenance.

POWER INPUT	75 WATTS
POWER OUTPUT	3 WATTS
FREQUENCY RANGE	100 TO 230 MC.
TYPE OF SIGNAL	A.M. AT 25, 75, 125, 200, 500, and 1000 KC. F.M.-1MC. VARIABLE FROM 1000 C.P.S. DOWN
RECEIVER SENSITIVITY	75 MICROVOLTS PER METER

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
2	7193	1	6J5GT
1	6F6GT	1	5U4G



Transceiver RT-54/TPQ-T1

TRAINING SET AN/TPQ-T1

TOTAL WEIGHT 45 LBS.

Component
Transceiver
Mounting Base

Nomenclature
RT-54/TPQ-T1
MT-171/U

UNCLASSIFIED
7 3/4" x 10 1/4" x 21 3/4"
2-1/4" x 10 5/8" x 22"

Weight
41 Lbs.
3 Lbs.