

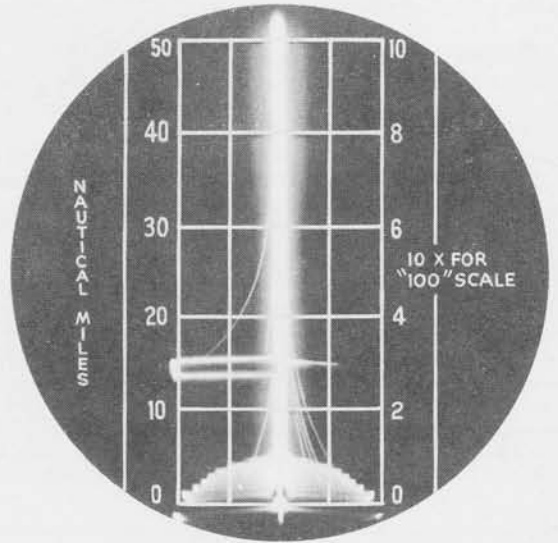
Training Equipment AN/APN-2T1 is a bench trainer designed to train students in the operation of Radio Set \*AN/APN-2. It is intended to present the conditions which may arise during actual flight. Provision is made for the selection of simulated video range, azimuth, beacon signals etc., chosen by the instructor, training the student to make the necessary adjustments or observations on the \*AN/APN-2 normally required during actual flight.

Signals furnished by the various beacons used with the \*AN/APN-2 can be simulated by the trainer. The equipment contains all the components of the \*AN/APN-2 with the addition of a Radio Frequency Oscillator O-7/APN-2T1.

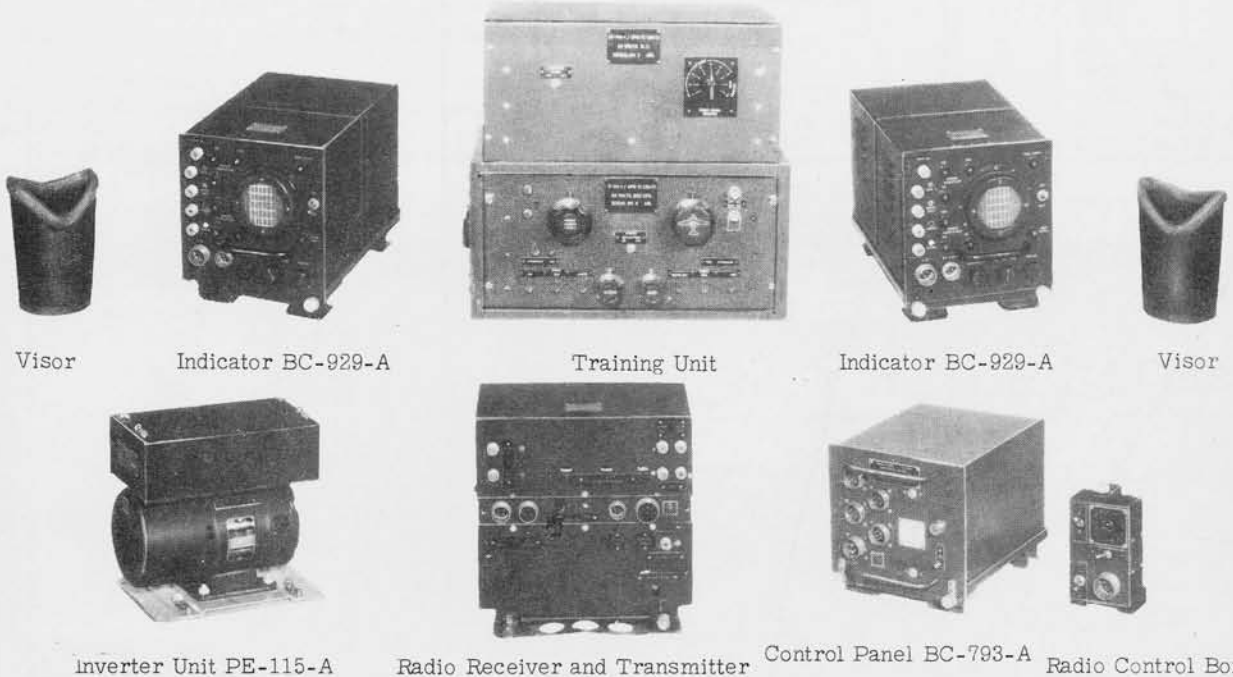
AN/APN-2T1 requires no special test equipment. There were no Army Air Force Requirements as of 1 February 1945.

POWER INPUT	160 WATTS @ 80 VOLTS A.C.
TYPE OF SIGNAL	PULSE

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
1	955	1	5Y3GT/G
2	6SN7GT		



Scope records range vertically on three scales & azimuth horizontally right or left of centerline of Beacon Response signal; above shows simulated beacon 33 miles away and approx. 30° right.



Visor

Indicator BC-929-A

Training Unit

Indicator BC-929-A

Visor

Inverter Unit PE-115-A

Radio Receiver and Transmitter

Control Panel BC-793-A

Radio Control Box

TRAINING EQUIPMENT AN/APN-2T1

TOTAL WEIGHT 200 LBS.

Component	Nomenclature	Size	Weight
Radio Receiver and Transmitter	RT-1/APN-2	13" x 12" x 9"	35 Lbs.
Mounting	FT-416-A	12" x 10" x 3"	3 Lbs.
Indicator	BC-929-A(2 each)	9" x 9" x 16"	26 Lbs.
Mounting	FT-409-A(2 each)	15" x 9" x 2"	3 Lbs.
Radio Control Box	C-3/APN-2	3" x 4" x 8"	2 Lbs.
Mounting	FT-406-A	7" x 4" x 2"	1 Lb.
Radio Frequency Oscillator	O-7/APN-2-T1	11" x 22" x 15"	65 Lbs.
Inverter Unit	PE-115-A	12" x 8" x 12"	33 Lbs.
Control Panel	BC-703-A	9" x 10" x 12"	20 Lbs.

and includes plugs and misc. cables.