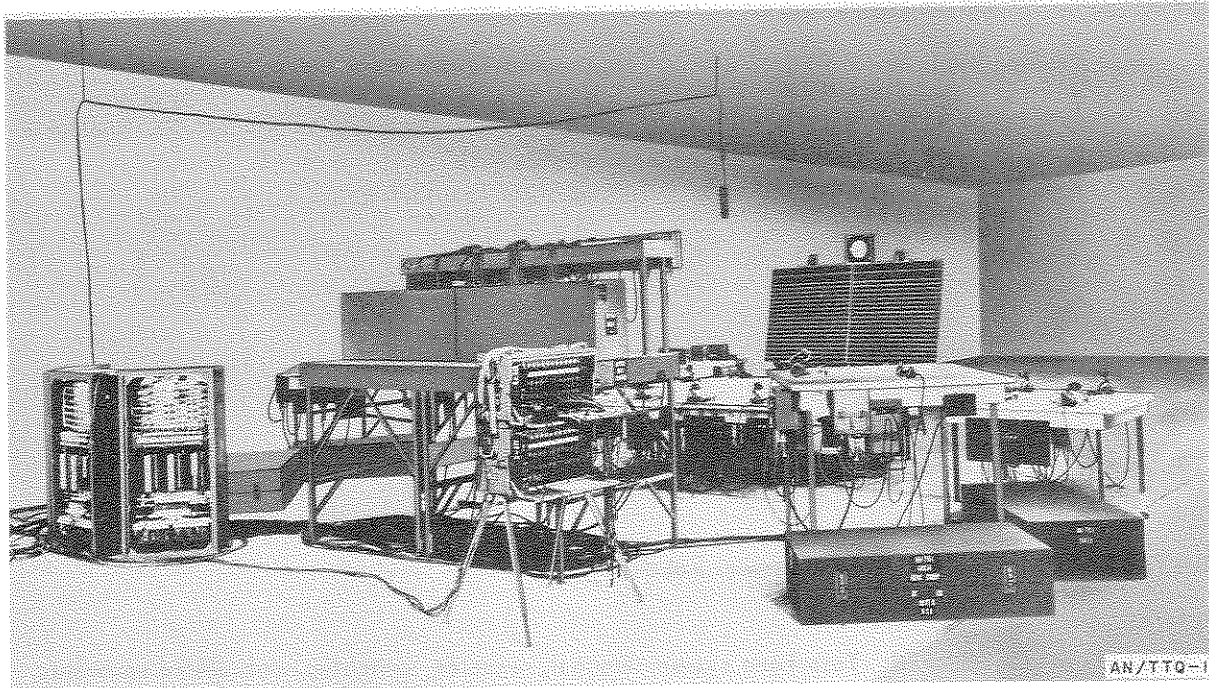


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 6 Feb 52

AN/TTQ-1

OPERATIONS CENTER



Operations Center AN/TTQ-1 is a transportable filter and operations room which may be installed as a fixed or mobile control point in an air warning system. It is used at army or higher headquarters.

This operations center can be installed in permanent or semipermanent locations for filter, fighter control, and similar purposes.

It can be mounted in two 2-1/2-ton, 6 x 6 trucks and two 1-ton trailers to form a mobile or roving control center.

Provides facilities for receiving and plotting data on filter and operations boards, recording direction finding data on intercept boards, and resolving and relaying such data over communication lines.

Can be powered by the 6.3-kva power unit component or by an equivalent source.

AN/TTQ-1	INSTRUCTION LITERATURE: TM 11-438
	CLASSIFICATION OF EQUIPMENT: Unclassified
OPERATIONS CENTER	USING SERVICE: Army
	DATE OF THIS SHEET: 6 Feb 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
4	Plotting Table FN-3/TTQ	47-3/4 x 47-3/4 x 28	255
4	Plotting Table FN-2/TTQ	46 x 12 x 28	255
2	Relay Unit RE-8/TTQ-1	19-3/4 x 8-1/2 x 5-1/2	Not Available
2	Relay Unit RE-24/TTQ	48 x 24 x 12	" "
2	Switchboard BD-72	28-1/2 x 15 x 10-1/4	137
2	Power Unit PE-197	44 x 22-1/4 x 30	770

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Support of army or higher headquarters.

INSTALLATION: Ground, fixed station or mobile.

CAN COMMUNICATE WITH: Telephone system terminal, repeater, switching, and related apparatus, and through these facilities to radio communication equipment operating in a fighter control system.

TECHNICAL CHARACTERISTICS

TYPE COMMUNICATION CIRCUITS: Conventional wire or radio.

POWER REQUIREMENTS: Power Unit PE-197 (6.3 kva, 120 v, 60 cyc).
40-amp-hr storage battery.

PHYSICAL CHARACTERISTICS

Operations Center AN/TTQ-1 packed for export shipment: total weight 6,500 pounds, total volume 260 cu ft, 6.5 ship tons. Shipped in 24 packages.