

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

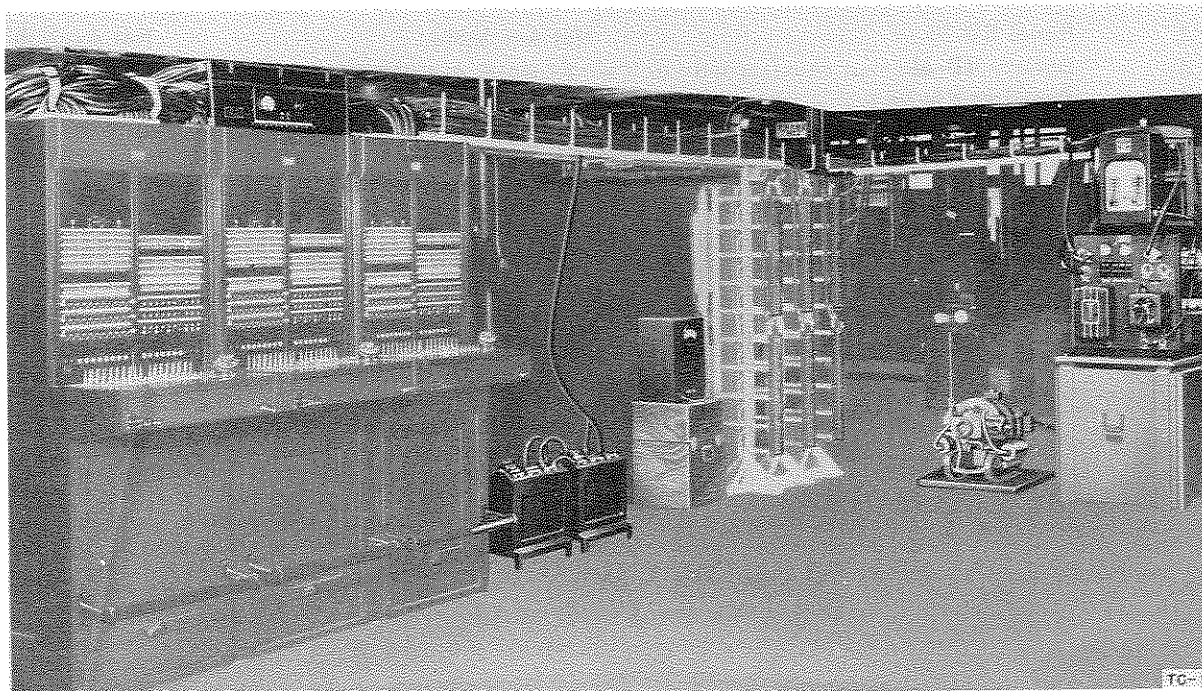
DATE OF THIS SHEET: 18 Feb 52

**AN/FTC-TYPE**

SERVICE TYPE NUMBER:

TC-5

AUXILIARY TELEPHONE CENTRAL EQUIPMENT



Auxiliary Telephone Central Equipment TC-5 is a group of installation components used to enable movement of Telephone Central Office Set TC-2 or TC-10 with a minimum of interruption of service at army or equivalent headquarters.

This equipment consists essentially of a power unit, cable racks, and related items which are installed at the new location preliminary to movement of the telephone exchange, as in a "leap-frogging" operation. Switchboards, main frame, and wire chief's test cabinet are then obtained separately and added to these installed components to complete the move.

**AN/FTC-TYPE**

TC-5

SERVICE TYPE NUMBER

AUXILIARY TELEPHONE CENTRAL EQUIPMENT

INSTRUCTION LITERATURE: None

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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Panel BD-90	Not Available	Not Available
4	Battery BB-46	" "	" "
1	Rectifier RA-36	" "	" "
1	Power Unit PE-75	" "	" "
1	Cabinet BE-75	" "	" "
1	Cabinet BE-72	" "	" "

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Army headquarters or equivalent.

INSTALLATION: Transportable.

CAN COMMUNICATE WITH: Telephone central office, repeater, and switching equipment and related station apparatus composing the system in which it is operated.

**TECHNICAL CHARACTERISTICS**

TYPE OF SIGNAL: Voice.

TYPE COMMUNICATION CIRCUITS: Telephone.

CONTROLS: Panel BD-90, Cabinet BE-75, and Cabinet BE-72.

POWER REQUIREMENTS: 2.5 kva, 115 v, 60 cyc ac (Power Unit PE-75)  
 0.0 — 65 v (Rectifier RA-36)  
 40 — 56 v (storage battery)

**PHYSICAL CHARACTERISTICS**

Auxiliary Telephone Central Equipment TC-5 weighs 1,601 pounds net. Packed for export shipment: total weight 2,531 pounds, total volume 149 cu ft, 3.7 ship tons.