STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army
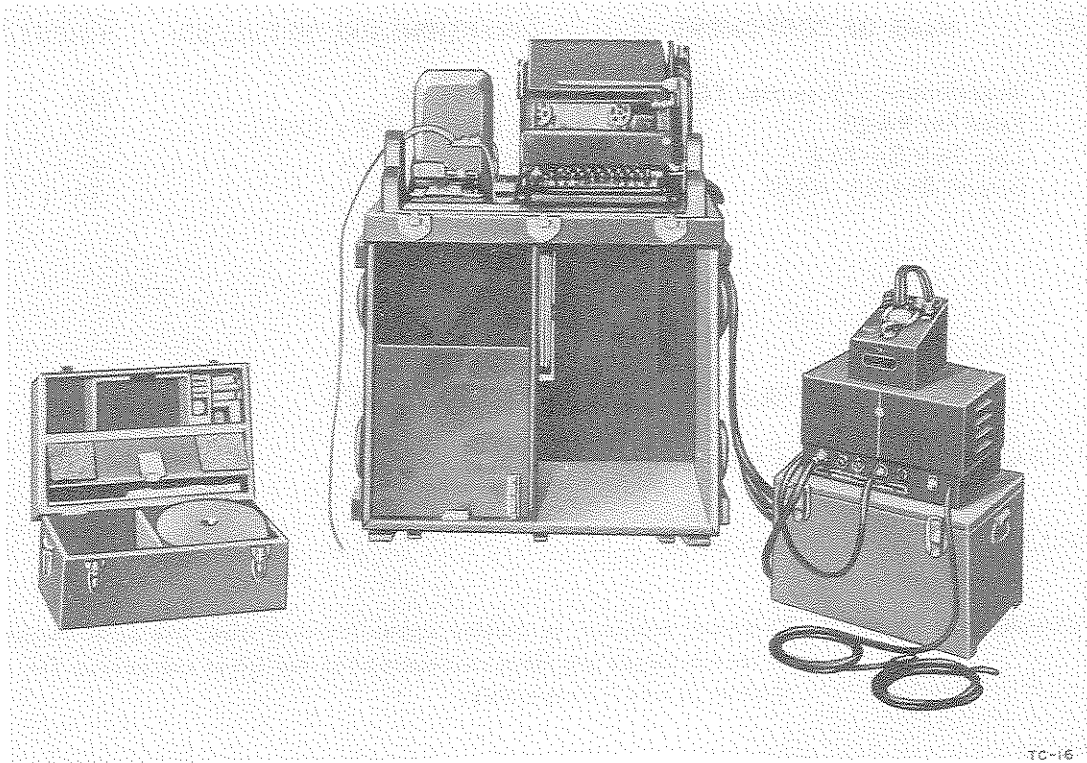
DATE OF THIS SHEET: 14 Feb 52

AN/TGC-TYPE

SERVICE TYPE NUMBER: TC-16

REPERFORATOR-TELETYPEWRITER SET

TC-16

Reperforator-Teletypewriter Set TC-16 is a field, transportable, standard communication, automatic tape sending and receiving teletypewriter station equipment used at division and higher headquarters.

This equipment consists essentially of a reperforator transmitter having standard communication keyboard and type pallets, plus a transmitter-distributor, a line unit, rectifier, and accessory items. The line unit provides a means for measuring and adjusting for bias and distortion of line signals.

Can be connected to other teletypewriters in field wire or cable, open wire, carrier, or radio systems.

Operates from sources of 300 w, 85/135 v and 170/270 v ac.

AN/TGC-TYPE

TC-16	:SERVICE TYPE NUMBER
REPERFORATOR-TELETYPEWRITER SET	

INSTRUCTION LITERATURE: TM 11-2201
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE : Army
DATE OF THIS SHEET : 14 Feb 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Reperforator-Transmitter TG-26-A	19 x 33 x 38	225
1	Rectifier RA-87	12-1/2 x 18-1/2 x 10-1/2	57
1	Line Unit BE-77-A	6 x 8-1/4 x 6-3/8	31
2	Ground Rod MX-148/G	72 long (each)	20

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Division and higher headquarters.

INSTALLATION: Ground, transportable.

CAN COMMUNICATE WITH: Terminal, repeater, or station apparatus over wire, cable, or carrier or radioteletype standard communication facilities composing the system in which it operates.

TECHNICAL CHARACTERISTICS

OPERATING SPEED: 368.1 opm and 404 opm.

MOTOR CHARACTERISTICS: Series a-c governed.

POWER REQUIREMENTS: 300 w, 85/135 v and 170/270 v, 50/60 cyc ac.

PHYSICAL CHARACTERISTICS

Reperforator-Teletypewriter Set TC-16 weighs 331 pounds net, volume 15 cu ft. Packed for export shipment: total weight 587 pounds, total volume 33 cu ft, 0.8 ship ton.