

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

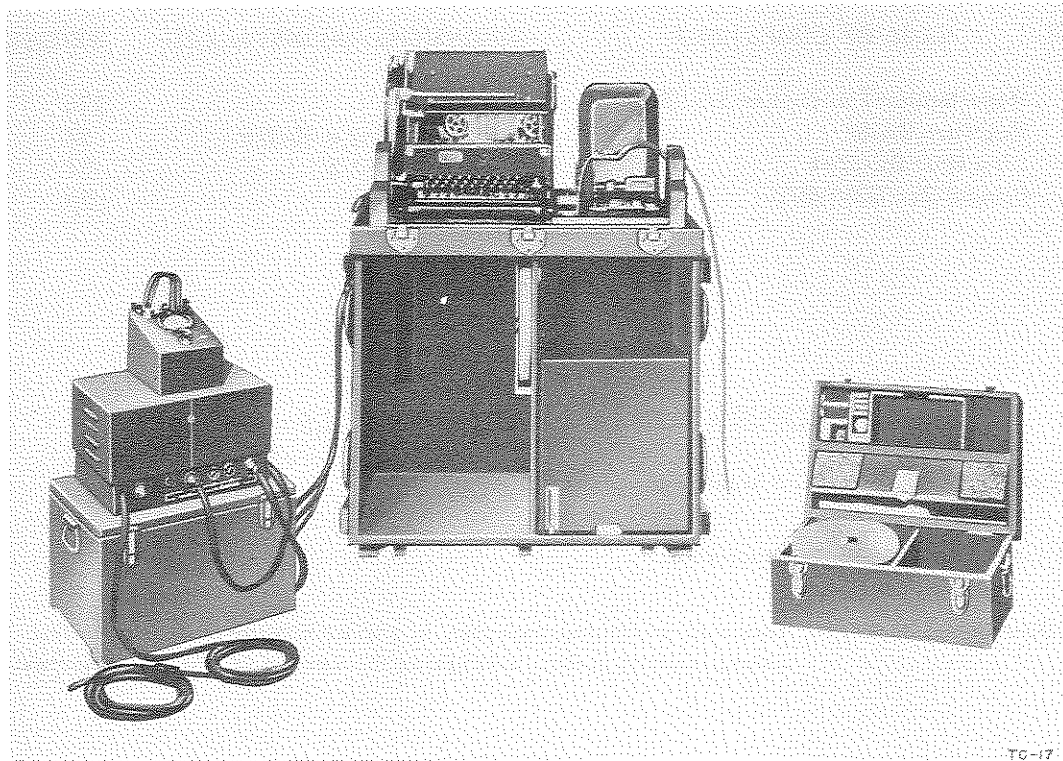
DATE OF THIS SHEET: 14 Feb 52

**AN/TGC-TYPE**

SERVICE TYPE NUMBER:

TC-17

REPERFORATOR-TELETYPEWRITER SET



Reperforator-Teletypewriter Set TC-17 (the weather communication version of Reperforator-Teletypewriter Set TC-16) is a transportable, field, automatic tape sending and receiving teletypewriter station equipment used for transmission and reception of weather data at air station of division and higher headquarters.

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

This set can be used in conjunction with other teletypewriter terminal equipment and station units and is powered by a 300-w 85/135-v or 170/270-v a-c source.

<b>AN/TGC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-2201
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Reperforator-Transmitter TG-27-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, switching, repeater, or station apparatus of the weather communication facility 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, 85/135v and 170/270 v, 50/60 cyc ac.

### PHYSICAL CHARACTERISTICS

Reperforator-Teletypewriter Set TC-17 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.