

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

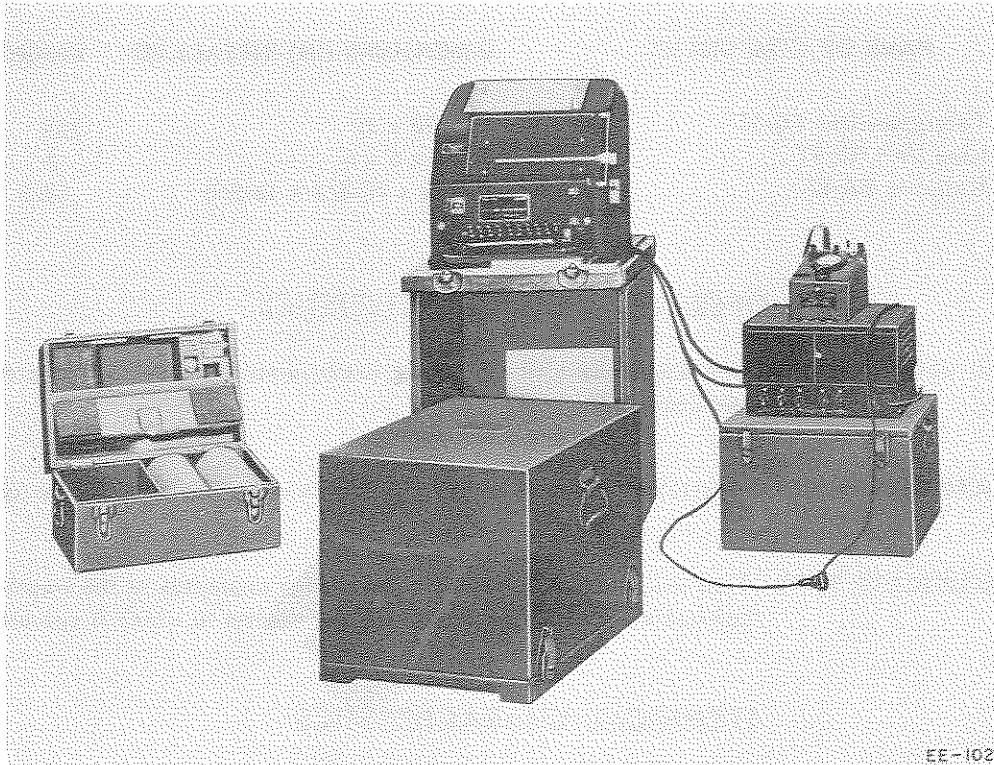
DATE OF THIS SHEET: 2 Jan 52

AN/TGC-TYPE

SERVICE TYPE NUMBER:

EE-102

TELETYPEWRITER SET



Teletypewriter Set EE-102 is a transportable field teletypewriter equipment used in weather reporting stations at division and higher headquarters, air fields, and stations of the Air Weather Command for communication of weather data.

This equipment consists primarily of a page-printing field teletypewriter having a weather symbol keyboard, a line unit, power supply, rectifier, and associated accessories contained in carrying cases.

Designed for quick installation in the open or under shelter and connected for operation by means of cords and plug connectors.

Operates on 115 v dc or 50/60 cyc ac or from 85/135 and 179/270 v ac by means of appropriate rectifier equipment.

AN/TGC-TYPE		INSTRUCTION LITERATURE: TM 11-354
EE-102	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Teletypewriter TG-37	19 x 20 x 42	225
1	Line Unit BE-77	7-3/4 x 6 x 6	6
1	Rectifier RA-87	18-1/2 x 10-3/4 x 13-5/8	58.5

OPERATIONAL CHARACTERISTICS

TACTICAL USE: At weather stations at division and higher headquarters, air fields, and stations of Air Weather Command.

INSTALLATION: Ground; transportable; operates in fixed locations under shelter or in the open.

CAN COMMUNICATE WITH: Terminal, switching, repeater, or station apparatus of the weather communication facility composing the system in which it operates.

TECHNICAL CHARACTERISTICS

OPERATING FUNCTIONS: Weather symbols; break-in key; CAR-RET; line feed; space-repeat; bell, shift and unshift.

OPERATING SPEED: 60 wpm (368 opm) adjustable to 66 wpm (404 opm).

MOTOR CHARACTERISTICS: Series governed; 115 v dc or 115 v 25/50/60 cyc ac; 87.6 vps tuning fork speed adjusting frequency; 1,800 rpm.

POWER REQUIREMENTS: 200 w, 115 v dc or 50/50 v ac; 85/135 and 179/270 v ac through Rectifier RA-87.

PHYSICAL CHARACTERISTICS

Teletypewriter Set EE-102 weighs 326 pounds net, total volume 11.75 cu ft. Packed for domestic shipment: total weight 328 pounds, total volume 12.25 cu ft, 0.6 ship ton. Shipped in 5 packages. Packed for export shipment: total weight 560 pounds, total volume 32 cu ft, 1.5 ship tons. Shipped in 8 packages.