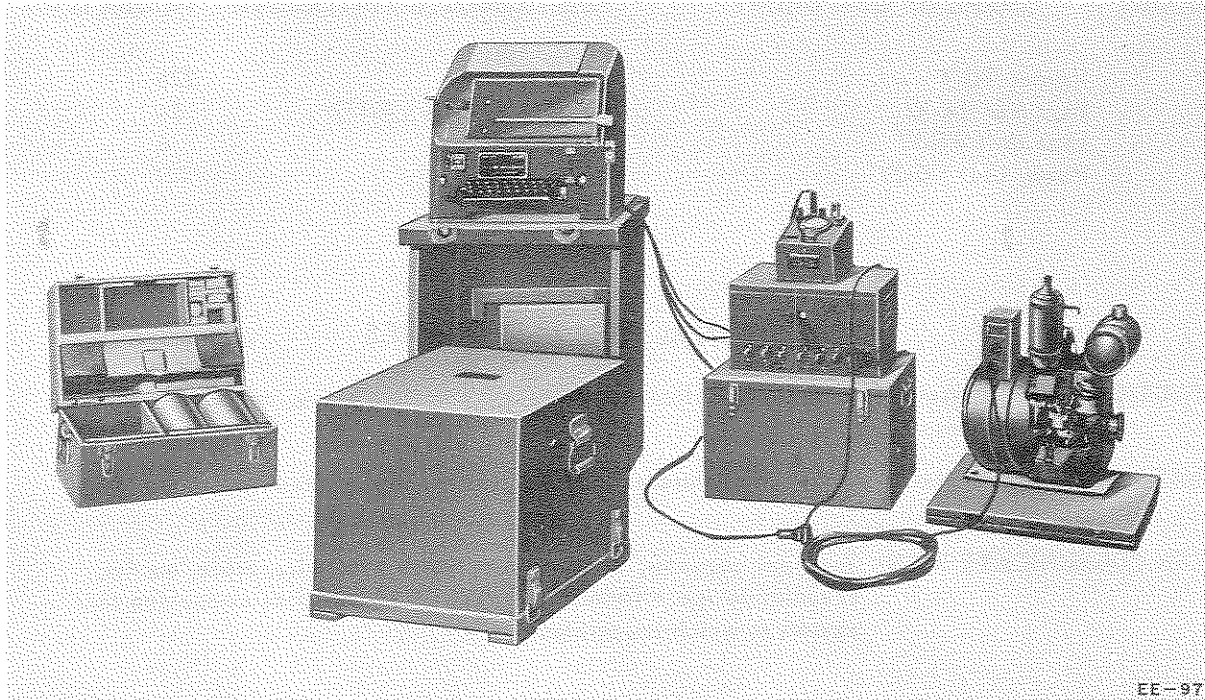


STATUS: Standard	AN/TGC-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Army	
DATE OF THIS SHEET: 2 Jan 52	
	SERVICE TYPE NUMBER: EE-97
	TELEGRAPH PRINTER SET



Telegraph Printer Set EE-97 is a complete transportable, field teletypewriter station used for transmitting and receiving telegraph communications at battalion and higher headquarters.

This equipment consists primarily of a conventional page-printing, sending and receiving teletypewriter (printer), line control unit, and power generating equipment contained in carrying cases.

Designed for quick installation in the open or under shelter, the set requires only connection to wire facilities to operate.

It operates as a teletypewriter terminal on field wire or cable facilities and radio circuits or operates in conjunction with carrier equipment.

Operates on 115v dc or 50/60 cyc ac.

AN/TGC-TYPE		INSTRUCTION LITERATURE: TM 11-354
EE-97	: SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
TELEGRAPH PRINTER SET		USING SERVICE: Army
		DATE OF THIS SHEET: 2 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Printer TG-7	19 x 20 x 42	225
1	Rectifier RA-37	12-1/2 x 8-1/4 x 6-1/2	24
1	Line Unit BE-77	7-3/4 x 6 x 6	6
1	Power Unit PE-77	22 x 12 x 22	127

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Division headquarters; infantry and armored division; corps, army.

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

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

TECHNICAL CHARACTERISTICS

OPERATING FUNCTIONS: Standard communication keyboard; break-in key; remote motor stop; shift and unshift; space-repeat; CAR-RET; line feed.

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

MOTOR CHARACTERISTICS: Series governed; 0.4 amp at 115 v dc from PE-77.

POWER REQUIREMENTS: PE-77; 250 w at 115 v dc.

PHYSICAL CHARACTERISTICS

Telegraph Printer Set EE-97 weighs 412 pounds net, volume 16 cu ft. Packed for domestic shipment: total weight 431 pounds, total volume 18 cu ft. Packed for export shipment: total weight 700 pounds, total volume 40 cu ft, 1 ship ton. Shipped in 6 packages both domestic and export.