AN/UGC-144
Communications Terminal

NSN: 5815-01-262-4611

Reference: TM-11-7025-267-12

General Information

The AN/UGC-144 provides single subscriber operation. When in a network, the unit has a full-duplex asynchronous communications capability. It operates at signaling speeds of 45.5 to 32,000 b/s at ASCII data transfer rates. The single subscriber terminal (SST) can compose, edit, display, refile, store, transmit, and receive messages. It can monitor narrative message traffic in the R, U, and Y communities and can provide terminal-to-terminal voice communications if needed. ASCII or BAUDOT modes are available with normal input keying capability. The companion printer is a portable 85 column (or optional 136 column) serial, dot matrix line printer/plotter. It is a medium speed device that includes interface data, power supply, paper supply, and control mechanisms. It produces an alphanumeric printout at 50 to 240 characters per second depending on character font and number of characters per line selected.

Technical Characteristics

TERMINAL:
Data Transfer Rate . . . . DACB rates: 2,400 to 32,000 b/s
Non DACB rates: 75X2n to 9,600, 16,000, and 32,000 b/s
BAUDOT rates: 45.5, 50, and 75

Access Time . . . . 10 msec
Primary Voltage Input . . . . 100/130 V AC, 48/63 HZ or
200/260 V AC, 48/63 HZ
Consumption 93W
Dissipation . . . . 15 W $\pm$ 10%
Battery . . . . Four 1.5-V NI-CAD, C-size
Height (Closed) . . . . 25 cm (10.0 in)
Height (Open) . . . . 43 cm(17.0 in)
Width . . . . 51 cm (20.0 in)
Depth . . . . 56 cm (22.0 in)
Weight . . . . 25 kg (55 lb)

Technical Characteristics
(Cont.)

PRINTER:
Speed . . . . 150/240 cps
Primary Voltage Input . . . . .100/130 V AC, 48/63 Hz or
                                                                        200/260 V AC, 48/63 Hz
Consumption . . . . 13 W average
Height (Closed). . . . . 15 cm (6.0 in)
Height (Open) . . . . 19 cm (7.5 in)
Width . . . . .38 cm (15.0 in)
Depth . . . . 36 cm (14.0 in)
Weight . . . . 6 kg (l3.2 lb) without paper

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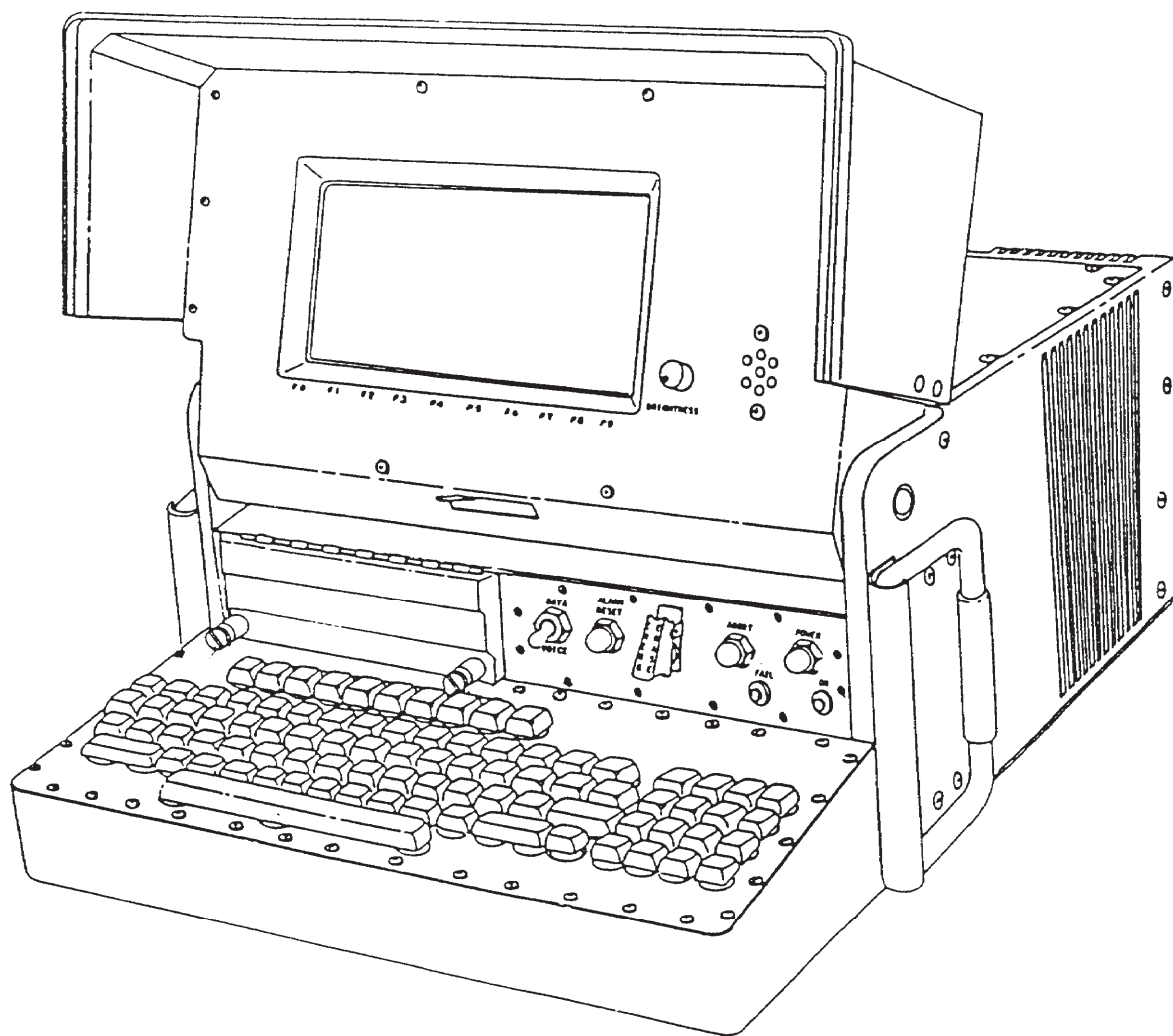
NOTE: Printer is separate.