Facsimile Recorder RD-92/UX is used to make direct recordings of copy transmitted by Facsimile Transceiver TT-41/ TXC-1B. It may be used for recording facsimile signals from either wire or radio communication circuits.

This is a self-contained unit for table or relay rack mounting.

When used with wire lines, it can be connected directly to the line, or to an AM receiver having a 500-ohm output.

For subcarrier F-M signals, Frequency Shift Converter CV-172/U is used, in addition to the associated radio receiver.
MAJOR COMPONENTS

QUANT
NAME OF COMPONENT   DIMENSIONS (IN) INSTALLED   WEIGHT (LBS)

(Equipment consists only of a single major operating component).

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Telephotograph receiving stations.

INSTALLATION: Ground.

CAN COMMUNICATE WITH: Facsimile Transceiver TT-41/TX-1B, and equivalent facsimile equipment.

TECHNICAL CHARACTERISTICS


TRANSMISSION TIME: 20 minutes.  DRUM DIAMETER: 6 inches.

DRUM SPEED: 60 rpm.  INDEX OF COOPERATION: 576 (International index).

TYPE OF RECORDING: Direct stylus.  PHASING SIGNAL: Pulses (1 per sec.).

TYPE OF MODULATION: Am; convertible to sub-carrier fm or frequency shift by addition of Frequency Shift Converter CV-172/U.

TYPE TRANSMISSION FACILITIES REQUIRED: Wire line: Voice-frequency (if less than 100 miles); greater distances require "schedule one" or "schedule two" facsimile circuit.

Radio: Am radio receiver with 500-ohm output.

POWER REQUIREMENTS: 150 w, 90-130 v, 55/65 cyc, 1 phase.  INPUT VOLTAGE LEVEL AND IMPEDANCE:

Input signal level: 0 to -40 dbm.

Input impedance: 1600 ohms.

Input frequency: 500-10,000 cps.

PHYSICAL CHARACTERISTICS

Facsimile Recorder RD-92/UX measures 14-1/2 x 20 x 16-1/2 inches.