

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 2 May 52

AN/UXH-TYPE

AN/COMP TYPE NUMBER:

RD-92/UX

FACSIMILE RECORDER



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.

AN/UXH-TYPE

INSTRUCTION LITERATURE:
NavShips 91401
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FACSIMILE RECORDER

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(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/TXC-1B, and equivalent facsimile equipment.

TECHNICAL CHARACTERISTICS

SIZE OF COPY: 12 x 18-3/4.

LINES PER INCH: 96.

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.