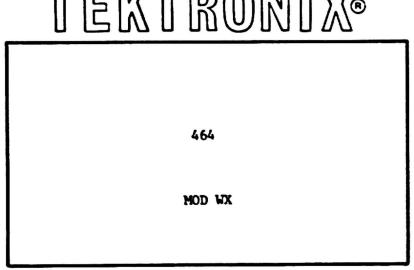
# **CUSTOM MODIFIED PRODUCTS**

PRODUCT	MOD	DESCRIPTION
464	WX	The FAST mode minimum writing speed is increased from 110 div/us to 300 div/us as measured over the center 6 x 8 div (5.4 x 7.2 cm) of the special crt. All other standard 464 crt performance characteristics remain the same.
464	COS-0535-00 Reck Adopter	This insert describes the special features of the 035-0131-00 as applies to the Tektronia 464 and 466 obc. The reckreunting instruction also apply to both the 464 and 465, with the exceptions of the dimensional drawings.

# TEKTRONIX®

This insert is provided as a supplement to the instruction manual furnished with this modified instrument. The information given in this insert supersedes that given in the manual.

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## **MODIFICATION INSERT**

Phone 644-0161 • Cables: Tektronia

Tektroniz, Inc

This manual insert describes MOD WX as it applies to the TEKTRONIX 464 Storage Oscilloscope.

The FAST mode minimum writing speed is increased from 110 div/ $\mu$ s to 300 div/ $\mu$ s as measured over the center 6 x 8 div (5.4 x 7.2 cm) of the special crt. All other standard 464 crt performance characteristics remain the same.

The non-mercuric electrochemical elapsed time indicator assembly installed provides a full-scale indication of 5000 hours of operating time (a replacement assembly may be easily installed to continue the operating time monitoring beyond the initial 5000 hours).

Two 50  $\Omega$ , bnc, 2 W, feed-through terminators, one blue crt light filter, and an extra set of current 464 operator and service manuals are added to the standard accessories complement.

#### CALIBRATION

Calibrate the 464 MOD WX according to the procedure in the 464 Service Manual; except, replace part b of step 3 in the Storage portion with the following.

#### G. Storage

#### 3. Adjust Fast Mode

b. Connect 20 MHz signal from leveled sine-wave generator to CH 1 input via 50  $\Omega$  cable and 50  $\Omega$  termination.

PARTS LIST

(Continue with parts c through y as they appear in the Service Manual.)

		Electrical	
Change To:			_
C1237	290-0807-00		CAPACITOR, FXD, ELCTLT, 1000 uF, +100-10%
V1555	037-4172-00		ELECTRON TUBE, CRT, STORAGE, T4640-1, SELECTED
		Mechanical	
Add:			
	352-0171-00	1	HOLDER, TERM. CONN, 1 TERM., BLACK
•	210-0006-00	2	WASHER, LOCK, INTERNAL, #6
	210-0407-00	2	NUT, PLAIN, HEX., 6-32 x 0.250, BRS
	211-0504-00	2	SCREW, MACHINE, 6-32 x 0.250, PNH, POSI-DRIVE

#### 464 MOD WX

#### PARTS LIST (cont)

#### Accessories

A	dd	:
••	~~	•

131-0589-00

011-0049-01 061-2749-00	2 TERMINATOR, COAXIAL, 50 Ω, 2 W, W/BNC
070-1653-01	2 INSERT, MANUAL 464 MOD WX 1 MANUAL, TECHNICAL 464 SERVICE
070-2037-00	1 MANUAL, TECHNICAL 464 OPERATORS
337-1674-00	1 SHIELD, IMPLOSION, BLUE

### ELAPSED TIME INDICATOR Etched Circuit Board Assembly

037-6351-00	COMPLETE ASSEMBLY
	Over Duty (DUMPUL

#### Electrical

M7000 R7000	149-0046-00 320-0438-00		METER, THERMAL, 5000 HOUR RESISTOR, FXD, FILM, 357 kΩ, 1%, 0.125 W
		Mechanical	

1

TERMINAL, PIN, SQUARE, 0.460 LONG

