

TB 11-6625-2713-50

CHANGE 2

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

CALIBRATION PROCEDURE FOR OSCILLOSCOPE AN/USM-296A (NSN 6625-00-115-9201)

Headquarters, Department of the Army, Washington, DC
12 December 1985

TB 11-6625-2713-50, 29 December 1978, is changed as follows:

Page 1, Reporting of Errors. Change address to read "Commander, U. S. Army TMDE Support Group, ATTN: AMXTM-LPE, Redstone Arsenal, AL 35898-5400."

Paragraph 2a. In lines 3 and 5, change "TM 38-750" to read "TB 750-25."

Page 4, paragraph 9a(5). Change "CH2" to read "CH1."

Paragraph 9a(6). Change "channel 2" to read "CH1."

Paragraph 9a(7) is superseded as follows:

(7) Set TI VERTICAL MODE switch to CH2 and connect digital voltmeter (A3) to junction of A2A3R9 and A2A3R20 (fig. 2) and chassis ground. If digital voltmeter does not indicate zero voltage ± 50 mV, perform **b**(1) below.

Page 6, table 4. In line 5 under maximum column, change "0.22846" to read "0.28846."

Page 12, paragraph 22b is superseded as follows:

b. When all parameters are within tolerance, annotate and affix DA Label 80 (U.S. Army Calibrated Instrument). When the TI receives limited or special calibration, annotate and affix DA Label 163 (U.S. Army Limited or Special Calibration). When the TI cannot be adjusted within tolerance, repair the TI in accordance with the maintenance manual. When repair is delayed for any reason or the TI cannot be repaired with local resources, annotate and affix DA Form 2417 (U.S. Army Calibration System Rejected Instrument) and inform the owner/user accordingly in accordance with TB 750-25.

PIN: 015255-002

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

MILDRED E. HEDBERG
Brigadier General, United States Army
The Adjutant General

Distribution:

To be distributed in accordance with DA Form 12-34C, Block No. 319, requirements for calibration procedures publications.

TB 11-6625-2713-50

CHANGE 1

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

CALIBRATION PROCEDURE FOR OSCILLOSCOPE AN/USM-296A (NSN 6625-00-115-9201)

Headquarters, Department of the Army, Washington, DC
17 June 1980

TB 11-6625-2713-50, 29 December 1978, is changed as follows:

Page 4, paragraph 7a(6), line 1. "CH 1" is changed to read: CH 2.

Paragraph 8a(6), line 2. "CH 1" is changed to read: CH 2.

Paragraph 8a(8), line 1. "CH 1" is changed to read: CH 2.

Paragraph 9a(2), line 2. "CH 1" is changed to read: CH 2

Paragraph 9a(3), line 1. "CH 1" is changed to read: CH 2.

Page 5, paragraph 9a(5) and (6) are superseded as follows:

(5) Set TI VERTICAL MODE to CH 2.

(6) Repeat steps (*3) and (4) above for channel 2.

(7) Connect digital voltmeter (A3) to junction of A2A3R9 and A2A3R20 (fig. 2) and chassis ground. If digital voltmeter does not indicate zero voltage ± 50 mV, perform **b(1)** below.

(8) Set TI VERTICAL MODE to CH 1. If digital voltmeter does not indicate zero voltage ± 50 mV, perform **b(2)** below.

(9) Set TI VERTICAL MODE to CH 1.

PIN: 015255-001

Paragraph 9b(1) and (2) are superseded as follows:

- (1) Adjust A2A3R1 (fig. 2) for 0.0 volts.
- (2) Adjust A2A6R56 (fig. 1) for 0.0 volts.

Page 6, table 4 is superseded as follows:

Test instrument VOLTS/DIV switch settings	Ac calibrator indications (rms)	
	Minimum	Maximum
.01	13.857 mV	14.423 mV
.02	27.714 mV	28.846 mV
.05	69.286 mV	72.120 mV
.1	0.13857 V	0.14423 V
.2	0.27714 V	0.22846 V
.5	0.69286 V	0.72120 V
1	1.3857 V	1.4423 V
2	2.7714 V	2.8846 V
5	6.9286 V	7.2120 V
10	13.857 V	14.423 V

Page 7, table 5, first column, line 5. “.5¹” is changed to read: 5¹.

Paragraph 13b, line 1. “A1A549” is changed to read: A1A5R49, and (R) is added at the end of the sentence.

Paragraph 14a(3), line 2. “10 MHz” is changed to read: 1MHz.

Page 8, paragraph 15a(4), line 2. “0.3” is changed to read: 0.5.

Paragraph 16a(3), line 2. “-0.01 and +0.01” is changed to read: +0.64 and +0.66.

Paragraph 16b(2), line 2. “0.00” is changed to read: +0.65.

Paragraph 16b(3), line 1. “+0.25” is changed to read: -0.25.

Page 9, paragraph 16B(4), line 1. “A1A1A2R12” is changed to read: A1A2R12.

Page 11, table 6, first column, lines 1 through 9. “SEC” is changed to read: μ SEC.

Table 6, second column, lines 2 through 9. “pS” is changed to read: μ S.