

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**CALIBRATION PROCEDURE FOR
ELECTRONIC VOLTIMETER
ME-262/U**

**Headquarters, Department of the Army, Washington, D.C.
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REPORTING OF ERRORS

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SECTION I

INTRODUCTION AND DESCRIPTION

1. Test Instrument Identification. This bulletin provides instruction for the calibration of Electronic Voltmeter ME-262/U. The manufacturer's instruction manual was used as the prime data source in compiling these instructions. The equipment being calibrated will be referred to as the TI (test instrument) throughout this bulletin.

a. Model Variations. Variations among models are described in text.

b. Time and Technique. The time required for this calibration is approximately 3 hours, using the dc and low frequency technique.

2. Calibration Data Card, DA Form 2416. *a.* Forms, records, and reports required for calibration personnel at all levels are prescribed by TM 38-750. DA Form 2416 must be annotated in accordance with TM 38-750 for each calibration performed.

b. Adjustments to be reported on DA Form 2416

are designated (R) at the end of the sentence in which they appear. When adjustments are in tables, the (R) will follow the designated adjustment. Report only those adjustments made and designated with (R).

3. Calibration Description. TI parameters and performance specifications which pertain to this calibration are listed in table 1.

Table 1. Calibration Description

<i>Test instrument parameters</i>	<i>Performance specifications</i>
Voltage range	1 millivolt to 1000v p-p.
Accuracy	±2%, 20 Hz to 200 kHz ±4%, 5 Hz to 500 kHz. ¹
Stability	Satisfactory performance with any line voltage between 105 and 125 v.

¹Not verified below 20 Hz.