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DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

CALIBRATION PROCEDURE FOR DYNAMOTOR TEST SET I-199 and I-199A (NSN 6625-00-229-1085)

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*This bulletin supersedes TB 11-6625-799-35/1, 12 September 1969.

SECTION I
IDENTIFICATION DESCRIPTION

1. **Test Instrument Identification.** This bulletin provides instructions for the calibration of Dynamotor Test Set I-199 and I-199A. The manufacturer's instruction manuals were 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.

calibration is approximately 3 hours per instrument, using the d.c. and low frequency technique.

2. **Calibration Data Card, DA Form 2416.** 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.

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

Table 1 Calibration Description

TI parameters	Performance specifications
Input current	0 to 60 adc ±3% full scale
Input voltage	0 to 60 vdc ±3% full scale
Input ripple,	
Model I-199	0 to 120 vac ±3% full scale
Model I-199A(1)	0 to 30 vac ±3% full scale
Model I-199A(2)	0 to 3 vac ±3% full scale
Output current	0 to 600 ma dc ±3% full scale
Output voltage	0 to 1200 vdc ±3% full scale
Output ripple	0 to 120 vac ±3% full scale