

# Calibration Certificate


ENDEVCO, a leading authority in precision dynamic measurement, certifies that this instrument meets or exceeds all published specifications.

This instrument has been calibrated using standards with accuracies traceable to the National Institute of Standards and Technology (NIST) within the limitations of their calibration services, or have been derived from accepted values or natural physical constraints, or have been derived by ratio or self-calibration techniques.

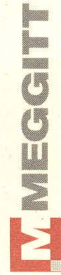
All activities performed in this calibration comply with ANSI/NCSL Z540-1-1994 (MIL-STD 45662A).



Phil Conrad  
President



Evie Milliken  
Director, Product Assurance



An ISO-9001 Certified Company

# Calibration Data

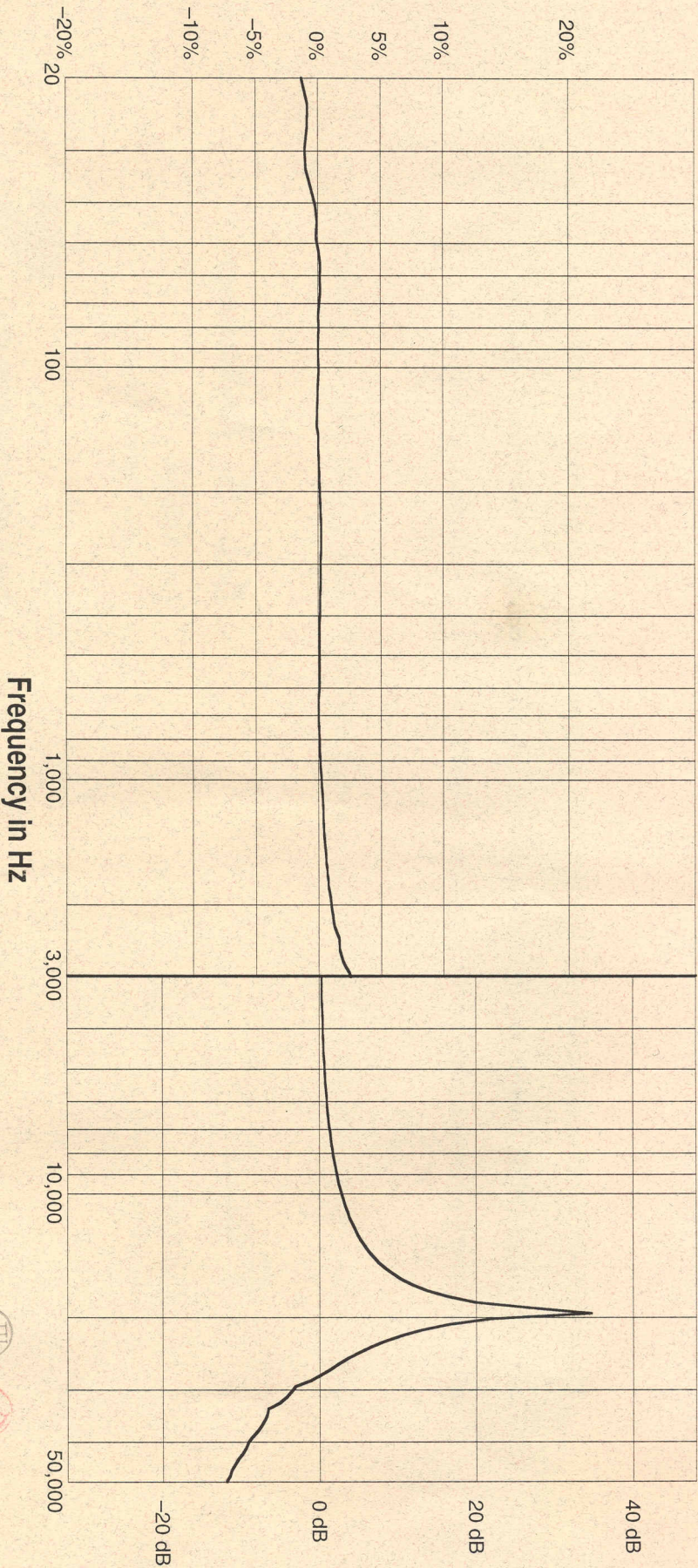
Max Transverse Sensitivity: 3.4%

Description: PR Accelerometer  
 Manufacturer: Endevco  
 Model Number: 7264B-500LC  
 Serial Number: B11251

Sensitivity: 0.5163 mV/g at 100 Hz, 10,000 g pk  
 0.05265 mV/(m/s<sup>2</sup>) at 100 Hz, 98,066 m/s<sup>2</sup> pk

### Amplitude Response

Temperature: 26°C  
 Humidity: 34%  
 Resonance Freq: 19,539 Hz  
 Input resistance: 519Ω  
 Output resistance: 519Ω  
 Excitation: 10.0 VDC  
 Polarity: Forward  
 Case: Isolated  
 ZMO: -11.0 mVDC



NIST Traceability Number: 822/260981-99

Uncertainty estimate (95% confidence, k=2)

Reference Serial: AC53  
 Console Type: 2901

±1.1% 100.0 Hz Sensitivity  
 ±1.5% 20.0 Hz < f ≤ 2,000.0 Hz  
 ±2.5% 2,000.0 Hz < f ≤ 10,000.0 Hz  
 ±4.0% 10,000.0 Hz < f ≤ 20,000.0 Hz

By:  G.G. ABBOTT, TEST TECHNICIAN  
 Date: Apr 4, 2000 8:55:59 AM

This certificate shall not be reproduced, except in full, without the written permission of Endevco, a division of Meggitt Aerospace and an ISO 9001 certified company, located at 30700 Rancho Viejo Road, San Juan Capistrano, CA. Endevco certifies that the above instrument was tested using comparison calibrations per ANSI S2.2 using Endevco IM68357. This calibration is traceable to the National Institute of Standards and Technology and is in accordance with ANSI/NCSL Z540-1-1994 (superseding MIL-STD 45662A).