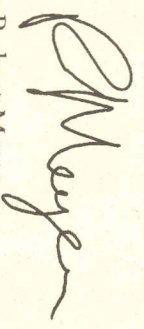


# Calibration Certificate


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 ISO/IEC 17025-2000 and ANSI/NCSL Z540-1-1994 (MIL-STD 45662A).



Robert Meyer  
President



Evie Milliken  
Director, Product Assurance



An ISO-9001 Certified Company



# Calibration Certificate

Document number: 17919

Temperature (deg C): 26  
Relative Humidity (%): 39  
Input Resistance (ohms): 782  
Output Resistance (ohms): 1118  
ZMO (mV): -1.9  
Resonance Frequency (Hz): 24435

Description: 4 Arm PR accelerometer  
Manufacturer: ENDEVCO  
Model Number: 7264B-2000LC  
Serial Number: B35105

Transverse Sensitivity(%): 1.5

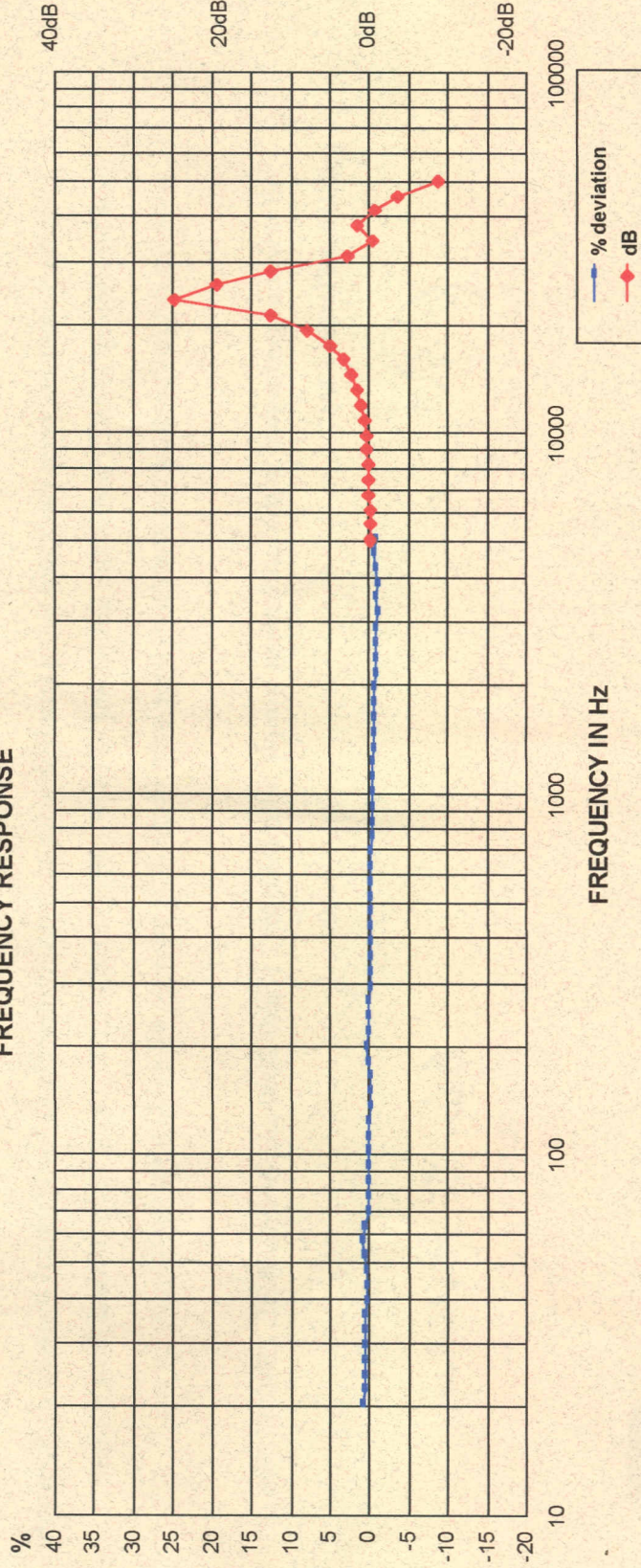
**Sensitivity:**

0.3588 mV/g @ 100 Hz, 10 g pk  
0.03658 mV/m/s<sup>2</sup> @ 100 Hz, 98 m/s<sup>2</sup> pk

Excitation: 10.0 V

Notes:

**FREQUENCY RESPONSE**



Endevco, a division of Meggitt, located at 30700 Rancho Viejo Road, San Juan Capistrano, CA, 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 (MIL-STD 45662A).

Console serial number: AC34  
Equipment used: 2901  
Ref Manufacturer: ENDEVCO  
Ref Model number: 2270M7A/2771A-10  
Ref Serial number: AC105/DW93  
NIST traceability #: 822/269551-04

**Uncertainty estimate (95% confidence, k=2)**

+/- 1.2 % 100.0 Hz Sensitivity  
+/- 1.5 % 20.0 < f <= 100.0 Hz  
+/- 1.2 % 100.0 < f <= 2500.0 Hz  
+/- 2.5 % 2500.0 < f <= 10000.0 Hz



By: N. VIGILANT  
5/11/2004 7:31 AM

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