

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Feb2023

Serial No: K5987      Temperature: 69.3 °C

Model: PR      Humidity: 28%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**383.3 mv/5000g**  
 (76.7  $\mu$ v/g)  
 R<sup>2</sup>: 0.999972 [Chip programmed]

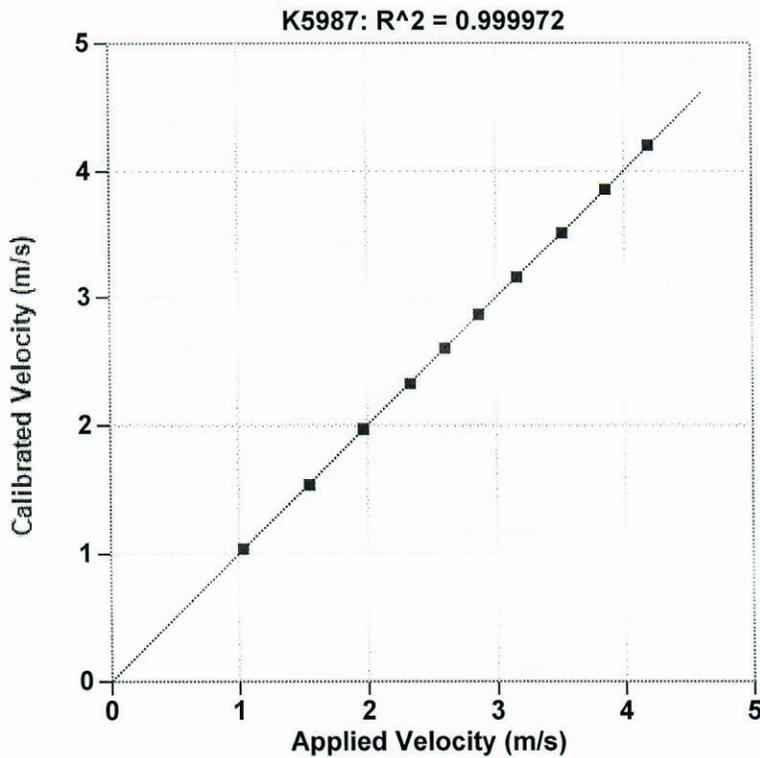
Operator: William Johnson

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt

Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

Signed

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).



Reference Velocity m/s	S/N K5987 Velocity m/s
1.035	1.040
1.549	1.543
1.970	1.969
2.333	2.323
2.603	2.602
2.866	2.864
3.164	3.160
3.517	3.519
3.855	3.858
4.193	4.201

Maximum Acceleration: 927 g's