

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K10342      Temperature: 74.0 °C  
 Model: PR      Humidity: 38%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**368.1 mv/5000g**  
 (73.6  $\mu$ v/g)  
 R<sup>2</sup>: 0.999932 [No chip]

Ref Acc 1: 72505!      Cal on: 24Mar2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 24Mar2022  
 1049 g's/volt

Operator: William Johnson

*William Johnson*  
 Signed

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



Reference Velocity m/s	S/N K10342 Velocity m/s
1.104	1.109
1.570	1.572
1.931	1.940
2.276	2.290
2.622	2.623
2.922	2.912
3.263	3.250
3.554	3.557
3.857	3.863
4.208	4.204

Maximum Acceleration: 930 g's