

Certificate of Calibration Pile Dynamics, Inc.

Calibrated by Pile Dynamics, Inc.



Serial No: A563204 Temperature: 24.0 °C
 Model: PE Humidity: 52%
 Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

95.0 g's/volt

R²: 0.999928 [Chip programmed]

Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

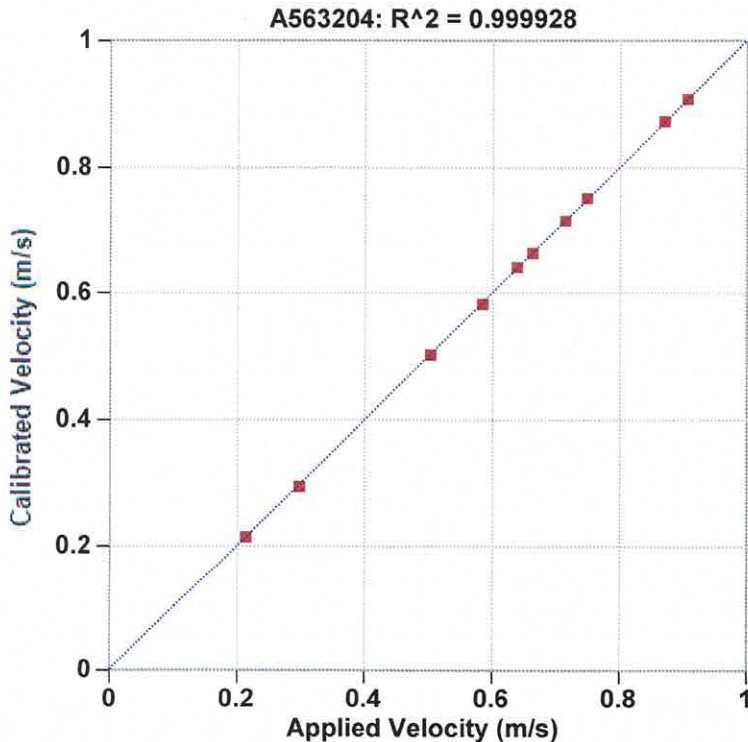
Operator: William Johnson

William Johnson
 Signed

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

Calibration valid 2 years

From: 30Aug2024



Reference Velocity	S/N A563204 Velocity
m/s	m/s
0.214	0.214
0.298	0.295
0.503	0.502
0.585	0.582
0.640	0.641
0.664	0.663
0.715	0.715
0.749	0.751
0.871	0.873
0.907	0.907

Maximum Acceleration: 141 g's

Certificate of Calibration

Pile Dynamics, Inc.

Calibrated by Pile Dynamics, Inc.



Serial No: A563199 Temperature: 24.0 °C
 Model: PE Humidity: 45%
 Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR
97.2 g's/volt
 R²: 0.999974 [Chip programmed]

Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

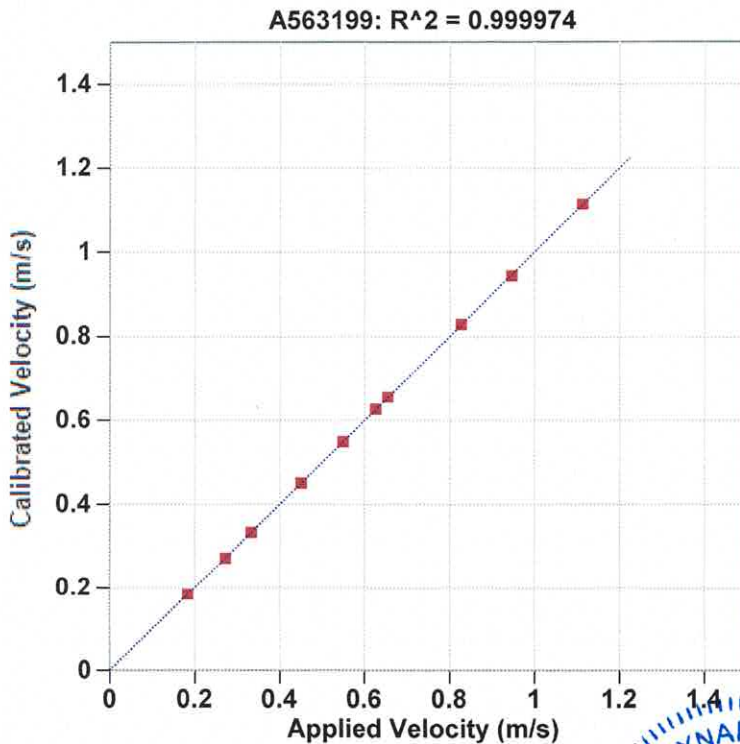
Operator: William Johnson

Signed

Calibration valid 2 years

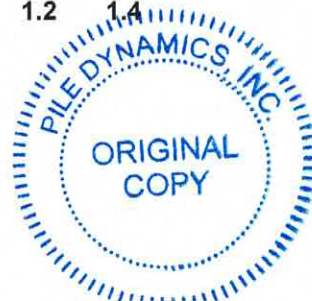
From: 29Aug2024

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



Reference Velocity	S/N A563199 Velocity
m/s	m/s
0.185	0.184
0.274	0.274
0.335	0.335
0.452	0.451
0.550	0.550
0.627	0.628
0.655	0.657
0.828	0.829
0.948	0.944
1.114	1.116

Maximum Acceleration: 182 g's



Certificate of Calibration Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Serial No: A563205 Temperature: 24.0 °C
 Model: PE Humidity: 45%
 Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR
96.7 g's/volt
 R²: 0.999917 [Chip programmed]

Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

Operator: William Johnson

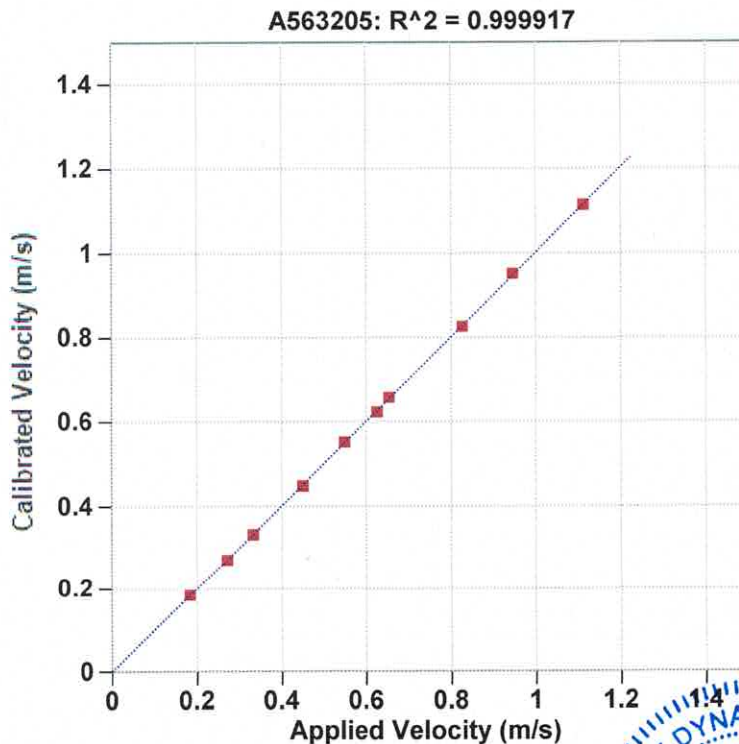


Signed

Calibration valid 2 years

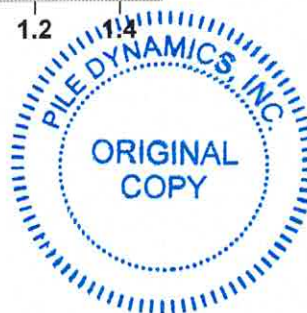
From: 29Aug2024

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



Reference Velocity	S/N A563205 Velocity
m/s	m/s
0.185	0.184
0.274	0.272
0.335	0.333
0.452	0.448
0.550	0.552
0.627	0.623
0.655	0.658
0.828	0.827
0.948	0.952
1.114	1.113

Maximum Acceleration: 182 g's



Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
Calibration performed on

Serial No: LW500763 Temperature: 24.9 °C
Model: PE Humidity: 51%
Calibrated on: Channel 4 on 8G 5161 LE

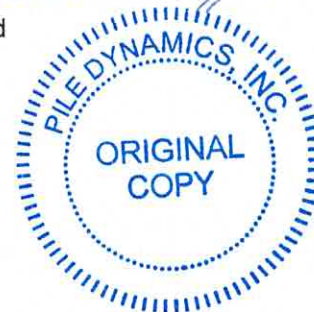
PDA CALIBRATION FACTOR

9.8 g's/volt
R²: 0.999951 [Chip programmed]

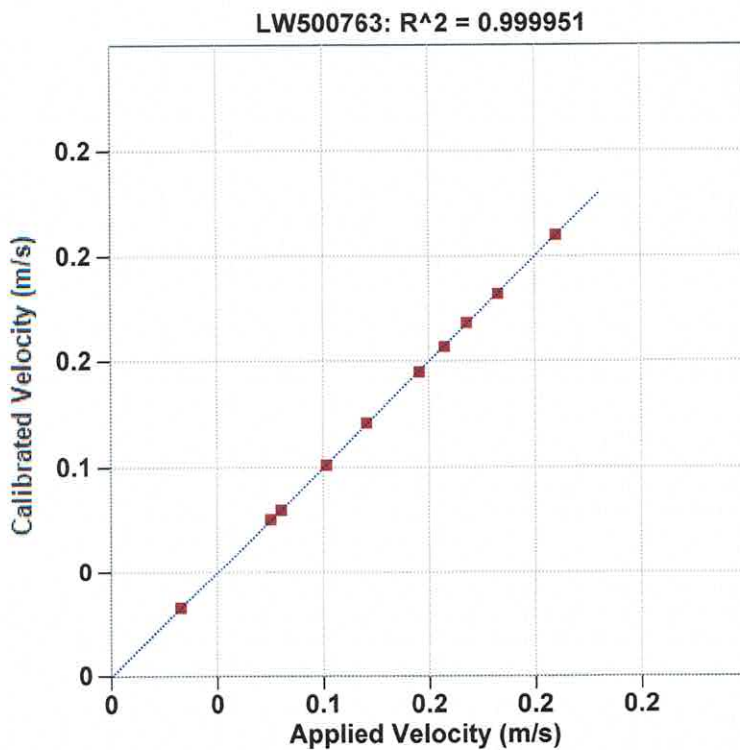
Ref Acc 1: LW423806! Cal on: 02Aug2022
10 g's/volt
Ref Acc 2: LW423794! Cal on: 28Jul2022
10 g's/volt

Operator: William Johnson

Signed



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

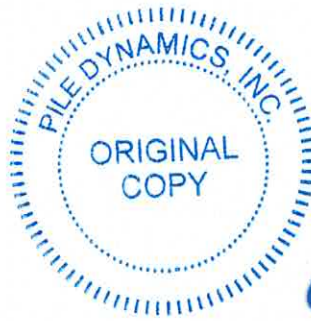


Reference Velocity	S/N LW500763 Velocity
m/s	m/s
0.033	0.033
0.075	0.076
0.080	0.080
0.101	0.101
0.121	0.121
0.145	0.145
0.157	0.157
0.168	0.168
0.183	0.182
0.210	0.210

Maximum Acceleration: 24 g's

Certificate of Calibration Pile Dynamics, Inc.

Calibrated by Pile Dynamics, Inc.



Serial No: A554204 Temperature: 23.3 °C
 Model: PE Humidity: 40%
 Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

103.0 g's/volt

R²: 0.999908 [Chip programmed]

Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

Operator: William Johnson

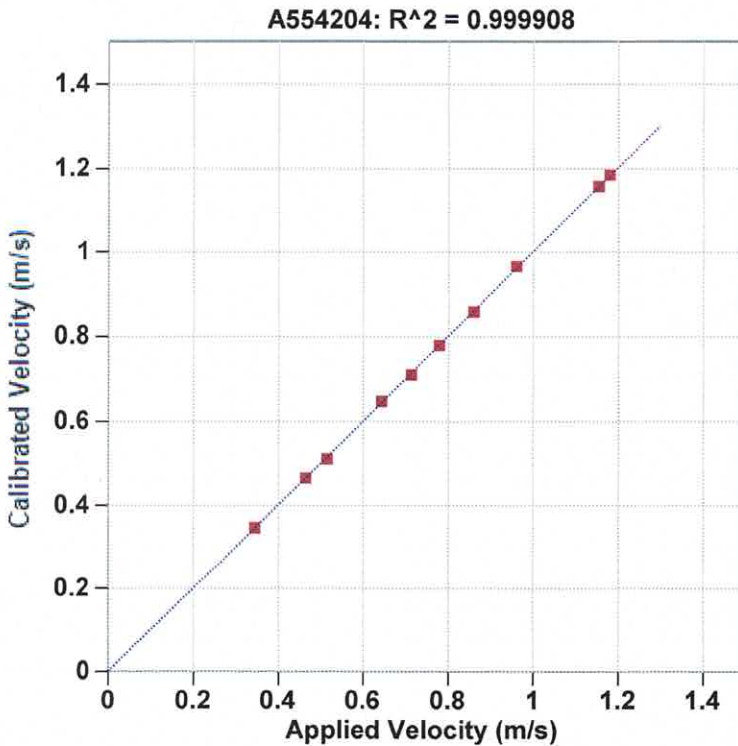
William Johnson

 Signed

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

Calibration valid 2 years

From: 09Sep2024



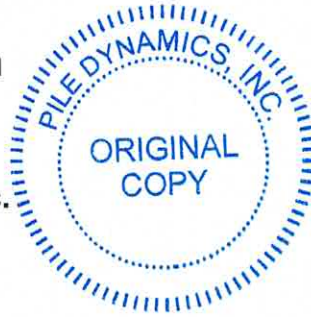
Reference Velocity	S/N A554204 Velocity
m/s	m/s
0.346	0.346
0.465	0.465
0.515	0.511
0.644	0.647
0.714	0.710
0.780	0.779
0.861	0.858
0.962	0.966
1.156	1.156
1.182	1.184

Maximum Acceleration: 197 g's

Certificate of Calibration

Pile Dynamics, Inc.

Calibrated by Pile Dynamics, Inc.




Serial No: A563203 Temperature: 24.0 °C
 Model: PE Humidity: 50%
 Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR
105.2 g's/volt
 R²: 0.999914 [Chip programmed]

Ref Acc 1: 78270! Cal on: 11Jan2024
 971 g's/volt
 Ref Acc 2: 78268! Cal on: 11Jan2024
 986 g's/volt

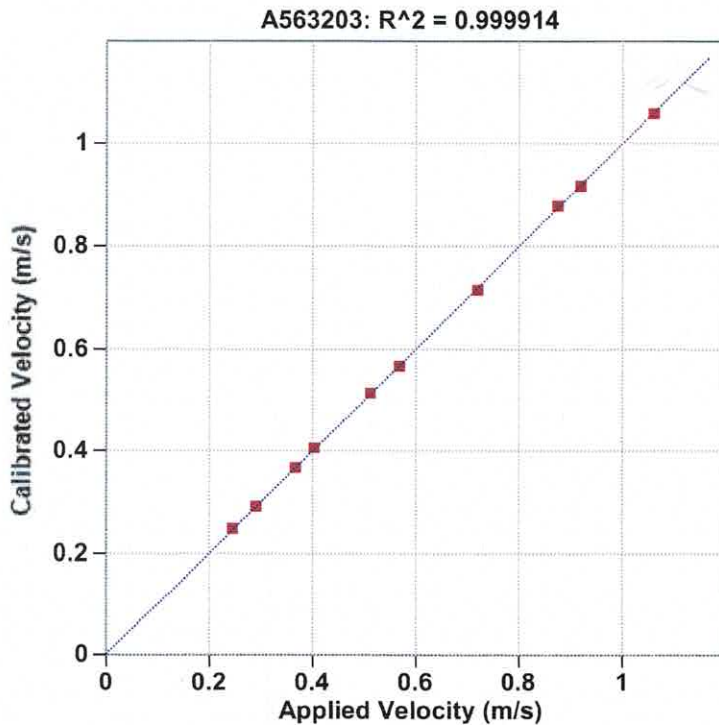
Operator: William Johnson


 Signed

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

Calibration valid 2 years

From: 11Sep2024



Reference Velocity	S/N A563203 Velocity
m/s	m/s
0.245	0.249
0.291	0.292
0.368	0.368
0.404	0.406
0.512	0.515
0.569	0.568
0.719	0.716
0.875	0.879
0.920	0.918
1.062	1.060

Maximum Acceleration: 170 g's

Certificate of Calibration Pile Dynamics, Inc.

Calibrated by Pile Dynamics, Inc.



Serial No: A554205 Temperature: 24.0 °C
 Model: PE Humidity: 50%
 Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR
101.1 g's/volt
 R²: 0.999936 [Chip programmed]

Ref Acc 1: 78270! Cal on: 11Jan2024
 971 g's/volt
 Ref Acc 2: 78268! Cal on: 11Jan2024
 986 g's/volt

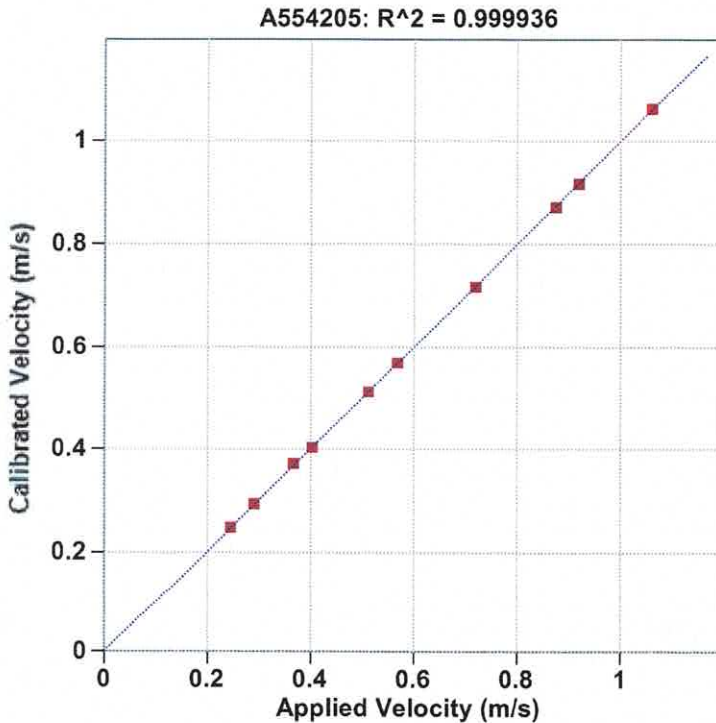
Operator: William Johnson

Signed

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

Calibration valid 2 years

From: 11Sep2024



Reference Velocity	S/N A554205 Velocity
m/s	m/s
0.245	0.248
0.291	0.293
0.368	0.372
0.404	0.403
0.512	0.512
0.569	0.570
0.719	0.719
0.875	0.873
0.920	0.918
1.062	1.064

Maximum Acceleration: 170 g's

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
 Calibration performed on August 1, 2024.

This certificate is valid for 2 years from above date

Serial No: K14056 Temperature: 24.0 °C
 Model: PR Humidity: 41%
 Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

331.7 mv/5000g
 (66.3 μv/g)
 R²: 0.999922 [Chip programmed]

Operator: William Johnson

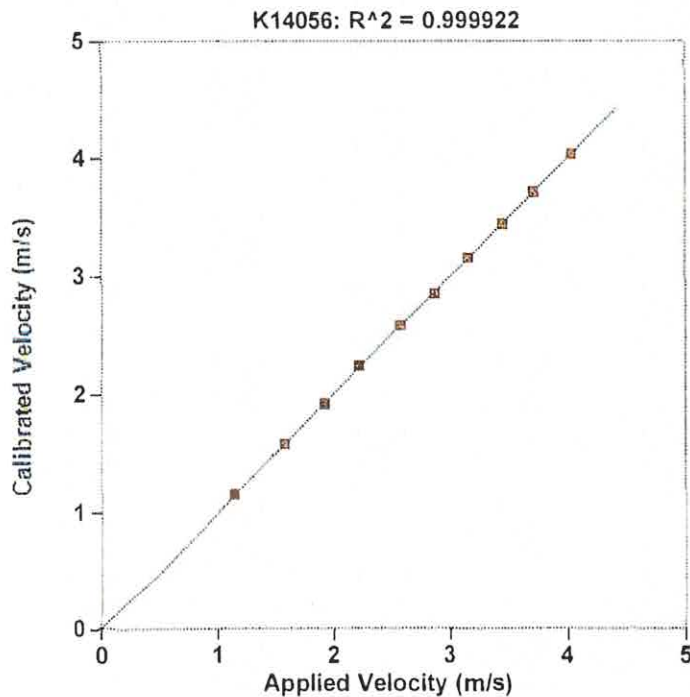
Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

William Johnson

Signed



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



Reference Velocity	S/N K14056 Velocity
m/s	m/s
1.151	1.157
1.572	1.574
1.924	1.915
2.229	2.242
2.581	2.583
2.868	2.852
3.148	3.154
3.445	3.439
3.712	3.715
4.036	4.038

Maximum Acceleration: 871 g's

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
 Calibration performed on August 1, 2024.

This certificate is valid for 2 years from above date

Serial No: K14058 Temperature: 23.8 °C
 Model: PR Humidity: 41%
 Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

339.9 mv/5000g
 (68.0 μ v/g)
 R²: 0.999921 [Chip programmed]

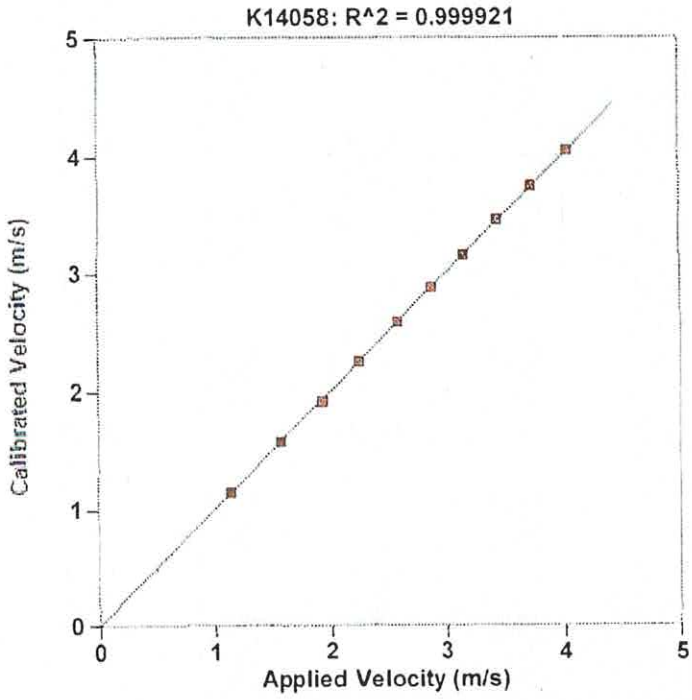
Operator: William Johnson

Ref Acc 1: 78268! Cal on: 11Jan2024
 986 g's/volt
 Ref Acc 2: 78270! Cal on: 11Jan2024
 971 g's/volt

Signed



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



Reference Velocity	S/N K14058 Velocity
m/s	m/s
1.142	1.146
1.575	1.574
1.927	1.908
2.244	2.244
2.574	2.573
2.877	2.868
3.151	3.145
3.444	3.450
3.728	3.734
4.037	4.047

Maximum Acceleration: 872 g's

File Dynamics 1999-01-23 20:43 LE 39.6 ft AR 1.7 in2 EM 30000 Ksi SP 0.492 K/ft3 WS 16815 ft/s WC 16851 ft/s JC 0.40 FM 1.00 VM 1.00 EA/C 30.3 Ks/ft UN KIPS*0.1 FR 20000 MB 90 DL -76 UT -1 IP 0.00 PK 1 TM-PEAK F1 500 F2 284 A1 1600 A2 475	FS — BN 499 5 SL 817/ 3440/ 99 PJ: PN: HOPBAR TG U1 -- US A2 F2 60.0 TS 12 U E BH PD: LW457484 LP 0.00 ft TB 8.0 T1 10.6 2L/C 4.7 VA 1000 UE 1024 LI 1.0
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ACCEPT SQ-OFF FL-OFF PR-OFF ACCEPT 	UMX= 32.6 FMX= 23 AMX= 578 EMX= 1.6 MEX= 45 FVP= 0.02 ACCELEROMETER CALIBRATION N.I.S.T. Traceable SERIAL NUMBER: LW457484 CALIBRATION FACTOR: 9.5% PAK (*5000): DATE: PDA OPERATOR: <i>Will</i>
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PIT-X Wireless Serial Number 30484-AA