



Cascade Engineering Services, Inc.



ONSITE DAILY SUMMARY LIST

ONSITE DATE: Thursday, March 06, 2025

ELLENSBURG PD

CURRENT PO:

| Asset / ID Number | MANUFACTURER | MODEL NUMBER | DESCRIPTION | DEPARTMENT | RESU |
|-------------------|-----------------------|-------------------|-------------------------------|------------|------|
| 10236 | MPH INDUSTRIES | 880010 | SPEED MEASURING DEVICE, LIDAR | N/A | PAS |
| BEE122205897 | MPH INDUSTRIES | BEE III | SPEED MEASURING DEVICE | N/A | PAS |
| FF12396 | KUSTOM SIGNALS, INC. | FALCON | SMD | N/A | PAS |
| LA005311 | APPLIED CONCEPTS INC. | STALKER LIDAR RLR | SPEED MEASURING DEVICE | N/A | PAS |
| LD079874 | APPLIED CONCEPTS INC. | BASIC | SPEED MEASURING DEVICE, LIDAR | N/A | PAS |
| PYT546004242 | MPH | PYTHON III | SMD | N/A | PAS |
| PYT546004243 | MPH | PYTHON II | SMD | N/A | PAS |
| PYT546004244 | MPH | PYTHON III | SMD | N/A | PAS |
| PYT546005120 | MPH | PYTHON II | SMD | N/A | PAS |
| PYT846003563 | MPH | PYTHON III | SMD | N/A | PAS |
| PYT846006198 | MPH | PYTHON III | SMD | N/A | PAS |

Number Processed: 11

Customer Signature: _____

Date: _____



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336182

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

SPEED MEASURING DEVICE, LIDAR

| | | | |
|---------------|-----------------------|-----------------|-----------------------------|
| ASSET #: | LD079874 | SERIAL NUMBER: | LD079874 |
| MANUFACTURER: | APPLIED CONCEPTS INC. | MODEL NUMBER: | BASIC |
| DEPARTMENT: | N/A | LOCATION: | N/A |
| ENVIRONMENT: | 69.2 °F/40.6 %RH | BASIC ACCURACY: | REFERENCE MFG SPECIFICATION |
| CAL INTERVAL: | 12 MONTHS | DUE DATE: | March 06, 2026 |

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

LASER SYSTEM OUTPUTS

PULSE REFERENCE FREQUENCY 159.7092 Hz OPTICAL POWER OUTPUT: 288.7 µW

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|--------------|----------------------|-----------------------------------|------------|
| MET1259 | NOVA-DISPLAY | OPHIR | LASER POWER METER | 04/22/2025 |
| MET1260 | PD300-SH | OPHIR | LASER POWER HEAD | 05/10/2025 |
| MET1335 | 7024707 | LASER TECHNOLOGY INC | LASER SPEED MEASUREMENT SIMULATOR | 03/29/2025 |
| MET1336 | 7005320 | LASER TECHNOLOGY INC | OPTICAL INTERFACE UNIT | |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY


SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

METROLOGY



ON-SITE CERTIFICATE #: OS3-00336181

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

SPEED MEASURING DEVICE

| | | | |
|---------------|-----------------------|-----------------|-----------------------------|
| ASSET #: | LA005311 | SERIAL NUMBER: | LA005311 |
| MANUFACTURER: | APPLIED CONCEPTS INC. | MODEL NUMBER: | STALKER LIDAR RLR |
| DEPARTMENT: | N/A | LOCATION: | N/A |
| ENVIRONMENT: | 69.2 °F/40.6 %RH | BASIC ACCURACY: | REFERENCE MFG SPECIFICATION |
| CAL INTERVAL: | 12 MONTHS | DUE DATE: | March 06, 2026 |

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

LASER SYSTEM OUTPUTS

| | | | |
|---------------------------|-------------|-----------------------|--------|
| PULSE REFERENCE FREQUENCY | 170.8885 Hz | OPTICAL POWER OUTPUT: | 340 µW |
|---------------------------|-------------|-----------------------|--------|

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|--------------|----------------------|-----------------------------------|------------|
| MET1259 | NOVA-DISPLAY | OPHIR | LASER POWER METER | 04/22/2025 |
| MET1260 | PD300-SH | OPHIR | LASER POWER HEAD | 05/10/2025 |
| MET1335 | 7024707 | LASER TECHNOLOGY INC | LASER SPEED MEASUREMENT SIMULATOR | 03/29/2025 |
| MET1336 | 7005320 | LASER TECHNOLOGY INC | OPTICAL INTERFACE UNIT | |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336180

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCCL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

SPEED MEASURING DEVICE, LIDAR

| | | | |
|---------------|------------------|-----------------|-----------------------------|
| ASSET #: | 10236 | SERIAL NUMBER: | 10236 |
| MANUFACTURER: | MPH INDUSTRIES | MODEL NUMBER: | 880010 |
| DEPARTMENT: | N/A | LOCATION: | N/A |
| ENVIRONMENT: | 69.2 °F/40.6 %RH | BASIC ACCURACY: | REFERENCE MFG SPECIFICATION |
| CAL INTERVAL: | 12 MONTHS | DUE DATE: | March 06, 2026 |

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

LASER SYSTEM OUTPUTS

PULSE REFERENCE FREQUENCY: 199.9968 Hz OPTICAL POWER OUTPUT: 160.4 µW

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|--------------|----------------------|-----------------------------------|------------|
| MET1259 | NOVA-DISPLAY | OPHIR | LASER POWER METER | 04/22/2025 |
| MET1260 | PD300-SH | OPHIR | LASER POWER HEAD | 05/10/2025 |
| MET1335 | 7024707 | LASER TECHNOLOGY INC | LASER SPEED MEASUREMENT SIMULATOR | 03/29/2025 |
| MET1336 | 7005320 | LASER TECHNOLOGY INC | OPTICAL INTERFACE UNIT | |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY


SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336179

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCCL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: FF12396
MANUFACTURER: KUSTOM SIGNALS, INC.
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: FF12396
MODEL NUMBER: FALCON
LOCATION: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 24639 | 50 M.P.H. | 3672 Hz |
| TUNING FORK TWO | N/A | | |

Antenna 1 SN: HANDHELD, Frequency: 24.173 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY


SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

METROLOGY



ON-SITE CERTIFICATE #: OS3-00336174

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

SMD

ASSET #: PYT546004242
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: PYT546004242
MODEL NUMBER: PYTHON III
LOCATION: TRAFFIC
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 978326 | 35 M.P.H. | 2534 Hz |
| TUNING FORK TWO | 978335 | 65 M.P.H. | 4704 Hz |

Antenna 1 SN: PYT315012002, Frequency: 24.162 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336173

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: PYT546004244
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: PYT546004244
MODEL NUMBER: PYTHON III
LOCATION: 11-P3
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 290101 | 35 M.P.H. | 2532 Hz |
| TUNING FORK TWO | 290554 | 65 M.P.H. | 4700 Hz |

Antenna 1 SN: PYT315012004, Frequency: 24.158 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025

THIS LABORATORY IS A2LA ACCREDITED TO ISO/IEC 17025:2017 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES), CERTIFICATE #: 2560.01

F540-1.3/REVISION M

Page 1 of 1



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336172

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: PYT846003563
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: PYT846003563
MODEL NUMBER: PYTHON III
LOCATION: 18-P6
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 077371 | 35 M.P.H. | 2538 Hz |
| TUNING FORK TWO | 077383 | 65 M.P.H. | 4710 Hz |

Antenna 1 SN: PYT855004681, Frequency: 24.182 GHz

Antenna 2 SN: PYT811016245, Frequency: 24.191 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336170

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: PYT846006198
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: PYT846006198
MODEL NUMBER: PYTHON III
LOCATION: 17-P8
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 2302 | 35 M.P.H. | 2524 Hz |
| TUNING FORK TWO | 2196 | 65 M.P.H. | 4696 Hz |

Antenna 1 SN: PYT315013697, Frequency: 24.162 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY 
SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA
CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336169

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: PYT546004243
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: PYT546004243
MODEL NUMBER: PYTHON II
LOCATION: 15-P7
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 307534 | 35 M.P.H. | 2528 Hz |
| TUNING FORK TWO | 307560 | 65 M.P.H. | 4692 Hz |

Antenna 1 SN: PYT315012003, Frequency: 24.152 GHz

Antenna 2 SN: PYT315018529, Frequency: 24.204 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336168

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

SPEED MEASURING DEVICE

| | | | |
|---------------|------------------|-----------------|-----------------------------|
| ASSET #: | BEE122205897 | SERIAL NUMBER: | BEE122205897 |
| MANUFACTURER: | MPH INDUSTRIES | MODEL NUMBER: | BEE III |
| DEPARTMENT: | N/A | LOCATION: | N/A |
| ENVIRONMENT: | 69.2 °F/40.6 %RH | BASIC ACCURACY: | REFERENCE MFG SPECIFICATION |
| CAL INTERVAL: | 12 MONTHS | DUE DATE: | March 06, 2026 |

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 74338 | 20 M.P.H. | 2022 Hz |
| TUNING FORK TWO | 74159 | 50 M.P.H. | 5050 Hz |

Antenna 1 SN: BEN663052041, Frequency: 33.843 GHz

Antenna 2 SN: BEN663052042, Frequency: 33.822 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY 
SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA
CALIBRATION DATE: Thursday, March 06, 2025



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00336167

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

ELLENSBURG POLICE DEPARTMENT

100 N. PEARL STREET ELLENSBURG, WA 98926

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is As Found data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCRIPTION:

ASSET #: PYT546005120
MANUFACTURER: MPH
DEPARTMENT: N/A
ENVIRONMENT: 69.2 °F/40.6 %RH
CAL INTERVAL: 12 MONTHS

SMD

SERIAL NUMBER: PYT546005120
MODEL NUMBER: PYTHON II
LOCATION: 16-P4
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 06, 2026

EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

TUNING FORK(S) SUPPLIED WITH THIS DEVICE

| DESCRIPTION | SERIAL NUMBER | RATED SPEED | FREQUENCY |
|-----------------|---------------|-------------|-----------|
| TUNING FORK ONE | 857240 | 35 M.P.H. | 2530 Hz |
| TUNING FORK TWO | 071109 | 65 M.P.H. | 4698 Hz |

Antenna 1 SN: PYT315013698, Frequency: 24.154 GHz

Antenna 2 SN: PYT315018527, Frequency: 24.188 GHz

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|---------------|----------------|--------------------------------------|------------|
| MET1231 | VOCAR HR | DB INNOVATIONS | HAND HELD RADAR CERTIFICATION SYSTEM | 03/26/2025 |
| MET1232 | VOCAR HR WAND | DB INNOVATIONS | VOCAR HR WAND | 03/26/2025 |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---------------------------------------|-----|------------|
| CP-SMD-001 | RADAR AND LIDAR CALIBRATION PROCEDURE | NEW | 11/14/2019 |

CERTIFICATION NOTES

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

SENIOR METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 06, 2025