



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00333464

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

CENTRAL WA UNIVERSITY

400 EAST UNIVERSITY WAY PUBLIC SAFETY-POLICE SERVICES 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 #: 86577
MANUFACTURER: DECATUR ELECTRONICS, INC
DEPARTMENT: N/A
ENVIRONMENT: 62.7 °F/67.7 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: GHD-02092
MODEL NUMBER: GENESIS HANDHELD DIRECTIONAL
PATROL CAR #: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 12, 2025

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	133926	33 M.P.H.	2396 Hz
TUNING FORK TWO	133795	78 M.P.H.	5602 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.148 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/24/2024

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

SR. METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Tuesday, March 12, 2024



Cascade Engineering Services, Inc.

6840 185th Ave NE, Redmond, WA 98052

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ON-SITE CERTIFICATE #: OS3-00333463

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

CENTRAL WA UNIVERSITY

400 EAST UNIVERSITY WAY PUBLIC SAFETY-POLICE SERVICES ELLENSBURG, WA 98926

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DESCRIPTION:

SPEED MEASURING DEVICE

ASSET #: GHD-20996
MANUFACTURER: DECATUR ELECTRONICS, INC
DEPARTMENT: N/A
ENVIRONMENT: 62.7 °F/67.7 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: GHD-20996
MODEL NUMBER: GENESIS HANDHELD DIRECTIONAL
PATROL CAR #: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 12, 2025

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	296365	33 M.P.H.	2396 Hz
TUNING FORK TWO	296790	77 M.P.H.	5598 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.142 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/24/2024

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 
SR METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA
CALIBRATION DATE: Tuesday, March 12, 2024



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ON-SITE CERTIFICATE #: OS3-00333462

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

CENTRAL WA UNIVERSITY

400 EAST UNIVERSITY WAY PUBLIC SAFETY-POLICE SERVICES ELLENSBURG, WA 98926

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DESCRIPTION:

SPEED MEASURING DEVICE

ASSET #: GHD-20698
MANUFACTURER: DECATUR ELECTRONICS, INC
DEPARTMENT: N/A
ENVIRONMENT: 62.7 °F/67.7 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: GHD-20698
MODEL NUMBER: GENESIS HANDHELD DIRECTIONAL
PATROL CAR #: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 12, 2025

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	296547	33 M.P.H.	2400 Hz
TUNING FORK TWO	297037	77 M.P.H.	5594 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.158 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/24/2024

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

SR METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Tuesday, March 12, 2024



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00333461

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

CENTRAL WA UNIVERSITY

400 EAST UNIVERSITY WAY PUBLIC SAFETY-POLICE SERVICES 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 #: GHD-19962
MANUFACTURER: DECATUR ELECTRONICS, INC
DEPARTMENT: N/A
ENVIRONMENT: 62.7 °F/67.7 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: GHD-19962
MODEL NUMBER: GENESIS HANDHELD DIRECTIONAL
PATROL CAR #: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 12, 2025

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	287921	33 M.P.H.	2400 Hz
TUNING FORK TWO	288186	77 M.P.H.	5604 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.144 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/24/2024

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

SR METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Tuesday, March 12, 2024

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



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00333460

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

CENTRAL WA UNIVERSITY

400 EAST UNIVERSITY WAY PUBLIC SAFETY-POLICE SERVICES ELLENSBURG, WA 98926

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DESCRIPTION:

SPEED MEASURING DEVICE

ASSET #: GHD-20699
MANUFACTURER: DECATUR ELECTRONICS, INC
DEPARTMENT: N/A
ENVIRONMENT: 62.7 °F/67.7 %RH
CAL INTERVAL: 12 MONTHS

SERIAL NUMBER: GHD-20699
MODEL NUMBER: GENESIS HANDHELD DIRECTIONAL
PATROL CAR #: N/A
BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
DUE DATE: March 12, 2025

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	296549	33 M.P.H.	2402 Hz
TUNING FORK TWO	297039	77 M.P.H.	5600 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.155 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/24/2024

PROCEDURE(S) USED FOR CERTIFICATION

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CP-SMD-001	RADAR AND LIDAR CALIBRATION PROCEDURE	NEW	11/14/2019

CERTIFICATION NOTES

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PERFORMED BY

SR. METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Tuesday, March 12, 2024

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

ONSITE DAILY SUMMARY LIST

ONSITE DATE: Tuesday, March 12, 2024

CENTRAL WA UNIVERSITY

CURRENT PO: _____

Asset / ID Number	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DEPARTMENT	RESU
86577	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION	SPEED MEASURING DEVICE	N/A	PAS
GHD-19962	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION	SPEED MEASURING DEVICE	N/A	PAS
GHD-20698	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION	SPEED MEASURING DEVICE	N/A	PAS
GHD-20699	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION	SPEED MEASURING DEVICE	N/A	PAS
GHD-20996	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION	SPEED MEASURING DEVICE	N/A	PAS

Number Processed: 5

Customer Signature: _____

Date: _____