

## ONSITE DAILY SUMMARY LIST

**ONSITE DATE: Thursday, March 17, 2022**

**CENTRAL WA UNIVERSTY**

**CURRENT PO:** \_\_\_\_\_

Asset / ID Number	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DEPARTMENT	RESU
86576	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:** \_\_\_\_\_



Metrology Laboratory

Cascade Engineering Services, Inc.

VOICE: 425-895-8617

FAX: 425-895-8620

6640 185th Ave NE

Redmond, WA 98052

SHIPPER/RECEIVER

COMPANY Central WA Univ. PD DATE SHIPPED 3/16/2022

ADDRESS \_\_\_\_\_

CITY Ellensburg

STATE WA ZIP \_\_\_\_\_

CALIBRATION PURCHASE ORDER \_\_\_\_\_ REPAIR PURCHASE ORDE \_\_\_\_\_

CARRIER

DHL     FEDEX     UPS     USPS     CES

OTHER: \_\_\_\_\_

	DEPARTMENT	ID NUMBER	MANUFACTURER	MODEL	SERIAL NUMBER	CALIBRATION INTERVAL	SERVICE REQUIRED			
							CAL	REPAIR	DATA	ADD
1		86577	Decatur	Genesis	GHD-02092	12	X	X		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

ACCESSORIES, SPECIAL INSTRUCTIONS, COMMENTS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CLIENT AUTHORIZED SIGNATURE \_\_\_\_\_ RECEIVED BY J. Russal Gray IV



Cascade Engineering Services, Inc.



6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS3-00327282

# 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 #:	86576	SERIAL NUMBER:	GHD-02093
MANUFACTURER:	DECATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DIRECTIONAL
DEPARTMENT:	N/A	PATROL CAR #:	N/A
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 2023

### 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	175647	33 M.P.H.	2402 Hz
TUNING FORK TWO	175474	77 M.P.H.	5606 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.16 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

### 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   
METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA  
CALIBRATION DATE: Thursday, March 17, 2022



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS3-00327281

# 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-20699	SERIAL NUMBER:	GHD-20699
MANUFACTURER:	DECATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DIRECTIONAL
DEPARTMENT:	N/A	PATROL CAR #:	N/A
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 2023

#### 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	296549	33 M.P.H.	2400 Hz
TUNING FORK TWO	297039	77 M.P.H.	5598 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.15 GHz

#### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

#### 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

METROLOGIST JOHN GRAY

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 17, 2022



Cascade Engineering Services, Inc.



6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS3-00327280

# 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-20996	SERIAL NUMBER:	GHD-20966
MANUFACTURER:	DECATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DIRECTIONAL
DEPARTMENT:	N/A	PATROL CAR #:	N/A
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 2023

### 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.	2398 Hz
TUNING FORK TWO	296790	77 M.P.H.	5600 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.094 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

### 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   
METROLOGIST- JOHN GRAY

LOCATION: ELLENSBURG, WA  
CALIBRATION DATE: Thursday, March 17, 2022



Cascade Engineering Services, Inc.



6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS3-00327279

# 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 ANSINC SL 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	SERIAL NUMBER:	GHD-19962
MANUFACTURER:	DECATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DIRECTIONAL
DEPARTMENT:	N/A	PATROL CAR #:	N/A
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 2023

#### 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.	2398 Hz
TUNING FORK TWO	288186	77 M.P.H.	5600 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.142 GHz

#### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

#### 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   
METROLOGIST- JOHN GRAY

LOCATION: ELLENSBURG, WA  
CALIBRATION DATE: Thursday, March 17, 2022



Cascade Engineering Services, Inc.



6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS3-00327278

# 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: <b>SPEED MEASURING DEVICE</b>	
ASSET #:	GHD-20698
MANUFACTURER:	DECATUR ELECTRONICS, INC
DEPARTMENT:	N/A
ENVIRONMENT:	63.0 °F/65.0 %RH
CAL INTERVAL:	12 MONTHS
SERIAL NUMBER:	GHD-20698
MODEL NUMBER:	GENESIS HANDHELD DIRECTIONAL
PATROL CAR #:	N/A
BASIC ACCURACY:	REFERENCE CAL PROCEDURE
DUE DATE:	March 17, 2023

### 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	296547	33 M.P.H.	2404 Hz
TUNING FORK TWO	297037	77 M.P.H.	5596 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.141 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

### 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   
METROLOGIST: JOHN GRAY

LOCATION: ELLENSBURG, WA  
CALIBRATION DATE: Thursday, March 17, 2022