



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 Inspectations are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

DESCE	RIPTION:	SF	PEED MEASURING DEV	ICE		
ASSET #		86577	SERIAL NUMBER:		ID-02092	
		CATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HAND	OHELD DIF	RECTIONAL
DEPART		N/A	PATROL CAR #:		N/A	
ENVIROR		62.7 °F/67.7 %RH	BASIC ACCURACY:	REFERENCE MI	FRS SPEC	IFICATIONS
CAL INT	-	12 MONTHS	DUE DATE:	Marg	ch 12, 2025	5
Initial test EQUIP! At the cor	ting found this equi MENT CONDIT I I I I I I I I I I I I I I I I I I	pment to be "IN TOLERANCE", a long AS DELIVERED bration, measured values were "	IN TOLERANCE", as defined			d above.
	and the company of th	JPPLIED WITH THIS DEV	RATED SPEED		FREQUEN	ICA
TUNING FO	DESCRIPTION ORK ONE	SERIAL NUMBER		33 M.P.H.	INEGOLI	2396 Hz
TUNING FO	ORK TWO	133795		78 M.P.H.		5602 Hz
		), Frequency: 24.148 GHz				
CTAND	ARD(S) USED	FOR CERTIFICATION				
2 I AND		BRANILICACTIDED	DESC	RIPTION		DUE DATE
I.D.	MODEL	THE RESERVE THE PROPERTY OF TH				40/04/0004
I.D. MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFI			10/24/2024 10/24/2024
I.D. MET1387 MET1388	VOCAR HR VOCAR HR WAND	DB INNOVATIONS DB INNOVATIONS				
I.D. MET1387 MET1388 PROCE	VOCAR HR VOCAR HR WAND DURE(S) USE	DB INNOVATIONS DB INNOVATIONS D FOR CERTIFICATION	HAND HELD RADAR CERTIFIC VOCAR HR WAND		REV	
I.D. MET1387 MET1388 PROCE	VOCAR HR VOCAR HR WAND DURE(S) USE UMENT ID	DB INNOVATIONS DB INNOVATIONS D FOR CERTIFICATION	HAND HELD RADAR CERTIFIC VOCAR HR WAND  DESCRIPTION		- CONTRACTOR OF THE PARTY OF TH	10/24/2024

F540-1,3/REVISION M

PERFORMED BY

ELLENSBURG, WA

Tuesday, March 12, 2024

LOCATION:

CALIBRATION DATE:



PERFORMED BY

ON-SITE CERTIFICATE #: OS3-00333463

ELLENSBURG, WA

Tuesday, March 12, 2024

LOCATION:

**CALIBRATION DATE:** 

# CERTIFICATE OF CALIBRATION

# STANDARD CALIBRATION

### **CENTRAL WA UNIVERSITY**

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

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DESCRI	PTION:	SPI	EED MEASURING DEV	ICE	
ASSET #:		GHD-20996	SERIAL NUMBER:	GHD-20	)996
MANUFAC	TURER: DECAT	UR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHEL	D DIRECTIONAL
DEPARTN		N/A	PATROL CAR #:	N/A	
ENVIRON	MENT:	62.7 °F/67.7 %RH	BASIC ACCURACY:	REFERENCE MFRS	SPECIFICATIONS
CAL INTE	RVAL:	12 MONTHS	DUE DATE:	March 12	, 2025
Initial testin	ENT CONDITION	nt to be "IN TOLERANCE", a  AS DELIVERED	s defined by the basic accura		stated above.
		LIED WITH THIS DEVI		FDF	OUENOV
TUNING FOR	ESCRIPTION	SERIAL NUMBER 296365	RATED SPEED	33 M.P.H.	QUENCY 2396 Hz
TUNING FOR		296790		77 M.P.H.	5598 Hz
Antenna 1	SN: HANDHELD, Fr	equency: 24.142 GHz			
STANDA	RD(S) USED FOR	R CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESC	RIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFI	CATION SYSTEM	10/24/2024 10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND		10/24/2024
PROCE	DURE(S) USED FO	OR CERTIFICATION			
DOCU	IMENT ID		ESCRIPTION		REV REV DATE
CP-SMD-001	RADAR A	ND LIDAR CALIBRATION PROCE	DURE		NEW 11/14/2019
CERTIFI	CATION NOTES				
1	dealers) under nonelle s	f notions under the laws of the 9	State of Washington that the abo	ve information is true an	nd correct

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



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		SPE	ED MEASURING DEV	ICE		
ASSET #:		GHD-20698	SERIAL NUMBER:	GH	D-20698	
MANUFACTURER	E DECATU	IR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HAND	HELD DIF	RECTIONAL
DEPARTMENT:		N/A	PATROL CAR #:		N/A	
ENVIRONMENT:	6	2.7 °F/67.7 %RH	BASIC ACCURACY:	REFERENCE MF	RS SPEC	IFICATIONS
CAL INTERVAL:	****	12 MONTHS	DUE DATE:	Marc	h 12, 202	5
EQUIPMENT C At the completion of	ONDITION And the calibration	AS DELIVERED n, measured values were "IN	TOLERANCE", as defined	by the basic accur	acy stated	d above.
<b>TUNNING FOR</b>	K(S) SUPPI	LIED WITH THIS DEVIC	E '			
DESCRIP	TION	SERIAL NUMBER	RATED SPEED	A STATE OF THE PARTY OF THE PAR	REQUE	
DESCRIP' TUNING FORK ONE	TION		RATED SPEED	33 M.P.H. 77 M.P.H.	REQUEN	2400 Hz
DESCRIP TUNING FORK ONE TUNING FORK TWO	TION	SERIAL NUMBER	RATED SPEED	33 M.P.H.	REQUE	2400 Hz
DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA	TION	SERIAL NUMBER 196547 197037	RATED SPEED	33 M.P.H.	REQUEN	2400 Hz
DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA	TION	SERIAL NUMBER 96547 97037 quency: 24.158 GHz	RATED SPEED	33 M.P.H.	REQUE	2400 Hz 5594 Hz
TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S)	NDHELD, Fre	SERIAL NUMBER 96547 97037 quency: 24.158 GHz CERTIFICATION MANUFACTURER DB INNOVATIONS	PATED SPEED  DESC  HAND HELD RADAR CERTIFIC	33 M.P.H. 77 M.P.H. RIPTION	REQUE	2400 Hz 5594 Hz DUE DATE 10/24/2024
TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S) I.D. MET1387 VOCAR MET1388 VOCAR	NDHELD, Fre USED FOR MODEL HR HR WAND	SERIAL NUMBER 196547 197037 194000000000000000000000000000000000000	RATED SPEED	33 M.P.H. 77 M.P.H. RIPTION	REQUE	2400 Hz 5594 Hz
TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S) I.D. MET1387 VOCAR MET1388 VOCAR	NDHELD, Fre USED FOR MODEL HR HR WAND	SERIAL NUMBER 96547 97037 quency: 24.158 GHz CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS DB INNOVATIONS PR CERTIFICATION	PATED SPEED  DESC  HAND HELD RADAR CERTIFIC  VOCAR HR WAND	33 M.P.H. 77 M.P.H. RIPTION		2400 Hz 5594 Hz 5594 Hz DUE DATE 10/24/2024 10/24/2024
TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S) I.D. MET1387 VOCAR MET1388 VOCAR	MODEL HR WAND S) USED FO	SERIAL NUMBER 96547 97037 quency: 24.158 GHz CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS DB INNOVATIONS PR CERTIFICATION	PATED SPEED  DESC  HAND HELD RADAR CERTIFIC  VOCAR HR WAND  SCRIPTION	33 M.P.H. 77 M.P.H. RIPTION	REV	2400 Hz 5594 Hz DUE DATE 10/24/2024

SR. METROLOGIST JOHN GRAY

	076	LOCATION:	ELLENSBURG, WA
DEDECRMEN RY		CALIBRATION DATE:	Tuesday, March 12, 2024

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

THIS LABORATORY IS A2LA ACCREDITED TO ISO/IEC 17025:2017 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES), CERTIFICATE #: 2560.01 Page 1 of 1 F540-1,3/REVISION M





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.

CDEED MEACHDING DEVICE

	PHON:	OI L	ED MEASOKING DEA	<u> </u>	
ASSET #:		GHD-19962	SERIAL NUMBER:	GHD-19962	
MANUFA	CTURER: DECAT	TUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DI	RECTIONAL
DEPARTI		N/A	PATROL CAR #:	N/A	
ENVIRON	IMENT:	62.7 °F/67.7 %RH	BASIC ACCURACY:	REFERENCE MFRS SPE	CIFICATIONS
CAL INTE	RVAL:	12 MONTHS	DUE DATE:	March 12, 202	5
Initial test	MENT CONDITION	I AS RECEIVED ent to be "IN TOLERANCE", as I AS DELIVERED ion, measured values were "IN			ed above.
		PLIED WITH THIS DEVICE			
	ESCRIPTION	SERIAL NUMBER	RATED SPEED	FREQUE	
TUNING FO		287921		33 M.P.H.	2400 Hz 5604 Hz
TUNING FO		288186		77 M.P.H.	3604 FIZ
Antenna <sup>1</sup>	1 SN: HANDHELD, F	requency: 24.144 GHz			
STAND	ARD(S) USED FO	R CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESC	RIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFIC	CATION SYSTEM	10/24/2024
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND		10/24/2024
PROCE	DURE(S) USED F	OR CERTIFICATION			
	UMENT ID		ESCRIPTION	REV	<b>REV DATE</b>
DOC	The second secon	AND LIDAR CALIBRATION PROCED	URE	NEW	11/14/2019
CP-SMD-00	RADAR				

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

SR METROLOGIST JOHN GRAY

PERFORMED BY

ELLENSBURG, WA

Tuesday, March 12, 2024

LOCATION:

**CALIBRATION DATE:** 





ON-SITE CERTIFICATE #: OS3-00333460

# CERTIFICATE OF CALIBRATION

# STANDARD CALIBRATION

### **CENTRAL WA UNIVERSITY**

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DESCF	RIPTION:	S	PEED MEASURING DEV	ICE	
ASSET #		GHD-20699	SERIAL NUMBER:	GHD-20699	
MANUF	ACTURER:	ECATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HANDHELD DIR	ECTIONAL
DEPAR1	MENT:	N/A	PATROL CAR #:	N/A	
ENVIRO	NMENT:	62.7 °F/67.7 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECI	FICATIONS
CAL INT		12 MONTHS	DUE DATE:	March 12, 2025	
EQUIP Initial tes	MENT CONDI	TION AS RECEIVED puipment to be "IN TOLERANCE"	', as defined by the basic accura	acy stated above.	
EQUIP At the co	MENT CONDI	TION AS DELIVERED alibration, measured values were	"IN TOLERANCE", as defined	by the basic accuracy stated	above.
TUNNI	NG FORK(S)	SUPPLIED WITH THIS DE	VICE		
	DESCRIPTION	SERIAL NUMBER			
TUNING F		296549 297039		33 M.P.H. 77 M.P.H.	2402 Hz 5600 Hz
	ORK TWO			11 W.F. Ft.	0000112
		LD, Frequency: 24.155 GHz			
STAND	ARD(S) USE	D FOR CERTIFICATION			
I.D.	MOD	EL MANUFACTURE	R DESC	RIPTION	DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFI		10/24/2024
MET1388	VOCAR HR WAI	ND DB INNOVATIONS	VOCAR HR WAND		10/24/2024
PROCE	DURE(S) US	ED FOR CERTIFICATION			
	UMENT ID		DESCRIPTION	REV	REV DATE
CP-SMD-0		ADAR AND LIDAR CALIBRATION PRO			11/14/2019
	5974				
CERTI	FICATION NO	TES			

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

F540-1,3/REVISION M

PERFORMED BY

ELLENSBURG, WA

Tuesday, March 12, 2024

LOCATION:

**CALIBRATION DATE:** 





# **ONSITE DAILY SUMMARY LIST**

ONSITE DATE: Tuesday, March 12, 2024

<b>CENTRAL WA UNIVERSTY</b>	IVERSTY			CURRENT PO:
Asset / ID Number	Asset / ID Number MANUFACTURER	MODEL NUMBER	DESCRIPTION	
86577	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION SPEED MEASURING	SPEED MEASURING DEVICE	Z
GHD-19962	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION SPEED MEASURING	SPEED MEASURING DEVICE	7
GHD-20698	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION SPEED MEASURING	SPEED MEASURING DEVICE	7
GHD-20699	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION SPEED MEASURING	SPEED MEASURING DEVICE	7
GHD-20996	DECATUR ELECTRONICS, INC	GENESIS HANDHELD DIRECTION SPEED MEASURING	SPEED MEASURING DEVICE	7

DECATOR ELECTRONICS, INC. GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE Number Processed: 5 Ā EPARTMENT RESU PAS PAS PAS PAS

**Customer Signature:** Date: