

FF12385

KUSTOM SIGNALS, INC.

6640 185th Ave NE, Redmond, WA 98052 T.425.895.8617, F.425.702.9358

DESCRIPTION:

ASSET #:

**MANUFACTURER:** 

ON-SITE CERTIFICATE #: OS3-00330285

FF12385

**FALCON** 

N/A

ELLENSBURG, WA

LOCATION:

CALIBRATION DATE: Wednesday, March 15, 2023

# 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.

SMD

SERIAL NUMBER:

MODEL NUMBER:

LOCATION:

	RENI:	131/7			
ENVIRON		72.0 °F/48.1 %RH	BASIC ACCURACY: REFEREN	CE MFRS SPEC	IFICATIONS
CAL INTE		12 MONTHS	DUE DATE:	March 15, 2024	
EQUIPN Initial testi	MENT CONDITION ing found this equipment	I AS RECEIVED ent to be "IN TOLERANCE", as	defined by the basic accuracy stated a	bove.	
EQUIPN At the con	MENT CONDITION  Inpletion of the calibrate	N AS DELIVERED tion, measured values were "IN	TOLERANCE", as defined by the basic	accuracy stated	d above.
TUNNIN	IG FORK(S) SUP	PLIED WITH THIS DEVIC	E		
D	ESCRIPTION	SERIAL NUMBER	RATED SPEED	FREQUEN	
TUNING FO	and the latest and th	748500	65 M.P.H.		4708 Hz
TUNING FO	RK TWO	N/A			
Antenna	1 SN: HANDHELD, F	requency: 24.177 GHz			
STAND	ARD(S) USED FO	R CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESCRIPTION		DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYST	TEM	12/15/2023
	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND		12/15/2023
MET1388					
	DURE(S) USED F	OR CERTIFICATION			
PROCE	- '	FOR CERTIFICATION	SCRIPTION	REV	REV DATE
PROCE	UMENT ID		ESCRIPTION URE		REV DATE 11/14/2019
PROCE DOCI CP-SMD-00	1 RADAR	DE AND LIDAR CALIBRATION PROCEDU			
PROCE DOCI CP-SMD-00	UMENT ID	DE AND LIDAR CALIBRATION PROCEDU			
PROCE DOCI CP-SMD-00	1 RADAR	DE AND LIDAR CALIBRATION PROCEDU			

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

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

ON-SITE CERTIFICATE #: OS3-00330284

# 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.

DESCRI	IPTION:		EED MEASURING DEVICE	OHD 00000
ASSET #:		86577	SERIAL NUMBER:	GHD-02092
MANUFA	CTURER: DECA	TUR ELECTRONICS, INC	MODEL NUMBER: GENESIS I	The state of the s
DEPART	MENT:	N/A	PATROL CAR #:	N/A
ENVIRON	MENT:	72.0 °F/48.1 %RH	BASIC ACCURACY: REFERENCE	
CAL INTE	RVAL:	12 MONTHS	DUE DATE:	March 15, 2024
EQUIPN At the con	ing found this equipm IENT CONDITIO INDICATION of the calibra	N AS DELIVERED ation, measured values were "If	s defined by the basic accuracy stated ab	
	IG FORK(S) SUP DESCRIPTION	PLIED WITH THIS DEVICE SERIAL NUMBER	RATED SPEED	FREQUENCY
TUNING FO		133926	33 M.P.H.	2400 H
TUNING FO	RK TWO	133795	78 M.P.H.	5612 H
		Frequency: 24.146 GHz		
		OR CERTIFICATION	DESCRIPTION	DUE DATE
I.D. MET1387	WODEL VOCAR HR	MANUFACTURER DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYST	The state of the s
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	12/15/2023
PROCE	DURE(S) USED	FOR CERTIFICATION		
	UMENT ID		ESCRIPTION	REV REV DATE
CP-SMD-00		AND LIDAR CALIBRATION PROCED	OURE	NEW 11/14/2019
	ICATION NOTES		tate of Washington that the above information	n is true and correct
ь сеппу (ог	deciare) under penalty	of perjury united the laws of the s	LOCATION:	ELLENSBURG, WA
PERFORI	MED BY	1	CALIBRATION DATE: W	ednesday, March 15, 2023

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



**DESCRIPTION:** 

ON-SITE CERTIFICATE #: OS3-00330283

# 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.

SPEED MEASURING DEVICE

ASSET #	:	GHD-20996	SERIAL NUMBER:	GHD-20996	
MANUFA	CTURER: DEC	CATUR ELECTRONICS, INC	MODEL NUMBER: GENESIS I	HANDHELD DIF	RECTIONAL
DEPART	-	N/A	PATROL CAR #:	N/A	
ENVIROR		72.0 °F/48.1 %RH	BASIC ACCURACY: REFERENCE	E MFRS SPEC	<b>IFICATIONS</b>
CAL INTI		12 MONTHS	DUE DATE:	March 15, 2024	
Initial test	ting found this equip	ON AS DELIVERED	defined by the basic accuracy stated at		Lahove
	=		TOLERANCE", as defined by the basic	accuracy states	above.
TUNNIN	NG FORK(S) SU	PPLIED WITH THIS DEVIC			C Marcolle
1	DESCRIPTION	SERIAL NUMBER	RATED SPEED	FREQUEN	
TUNING FO		296365 296790	33 M.P.H. 77 M.P.H.		2400 Hz 5604 Hz
A CONTRACTOR OF THE	52111150 (A) (B) (B) (A)	, Frequency: 24.132 GHz			
STAND	ARD(S) USED I	FOR CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESCRIPTION		
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYST		DUE DATE
MET1388		DB INNOVATIONS		EM	12/15/2023
IVIE I 1300	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	EM	
		DB INNOVATIONS		EM	12/15/2023
PROCE		DB INNOVATIONS  FOR CERTIFICATION		EM REV	12/15/2023

**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

RADAR AND LIDAR CALIBRATION PROCEDURE

		LOCATION:	ELLENSBURG, WA
PERFORMED BY	TA T	CALIBRATION DATE:	Wednesday, March 15, 2023
	METROLOGIST-JOHN-GRAY	_	

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

CP-SMD-001



THE STATES

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

**DESCRIPTION:** 

PERFORMED BY

ON-SITE CERTIFICATE #: OS3-00330282

ELLENSBURG, WA

LOCATION:

CALIBRATION DATE: Wednesday, March 15, 2023

# 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.

SPEED MEASURING DEVICE

ASSET #:	1	GHD-20699	SERIAL NUMBER:	GHD-	20699	
MANUFACT	URER: DECA	TUR ELECTRONICS, INC	MODEL NUMBER:	<b>GENESIS HANDH</b>	ELD DIF	RECTIONAL
DEPARTME		N/A	PATROL CAR #:	N	/A	
ENVIRONM		72.0 °F/48.1 %RH	BASIC ACCURACY:	REFERENCE MFR	SSPEC	IFICATIONS
CAL INTER	VAL:	12 MONTHS	DUE DATE:	March	15, 2024	1
Initial testing	found this equipm	N AS RECEIVED ent to be "IN TOLERANCE", as N AS DELIVERED tion, measured values were "If			cy stated	d above.
20022020		PLIED WITH THIS DEVICE			•	
	SCRIPTION	SERIAL NUMBER	RATED SPEED	FR	EQUEN	ICY
TUNING FORK	The state of the s	296549		33 M.P.H.		2404 Hz
TUNING FORK		297039		77 M.P.H.		5602 Hz
Antenna 1	SN: HANDHELD, F	requency: 24.143 GHz				
STANDAR	RD(S) USED FO	R CERTIFICATION				
I.D.	MODEL	MANUFACTURER		RIPTION		DUE DATE
	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFIC	CATION SYSTEM		12/15/2023
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND			12/15/2023
PROCED	URE(S) USED F	FOR CERTIFICATION				
DOCUM			ESCRIPTION		REV	<b>REV DATE</b>
CP-SMD-001		AND LIDAR CALIBRATION PROCED	OURE		NEW	11/14/2019
CERTIFIC	ATION NOTES					

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

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





ON-SITE CERTIFICATE #: OS3-00330281

# 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.

DESCRI	PTION:	SPE	ED MEASURING DEV	CE		
ASSET #:	V44	GHD-20698	SERIAL NUMBER:	GHI	D-20698	
MANUFAC	CTURER: DEC	CATUR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HAND	HELD DIF	RECTIONAL
DEPARTN	=	N/A	PATROL CAR #:		N/A	
ENVIRON	MENT:	72.0 °F/48.1 %RH	BASIC ACCURACY:	REFERENCE MF	RS SPEC	IFICATIONS
CAL INTE		12 MONTHS	DUE DATE:	March	15, 2024	ANTIFECTION OF THE SAME
EQUIPM Initial testing	IENT CONDITION  IENT CONDITION	ON AS RECEIVED oment to be "IN TOLERANCE", as	s defined by the basic accura	cy stated above.		
EQUIPM At the com	IENT CONDITION  Inpletion of the calib	ON AS DELIVERED pration, measured values were "IN	N TOLERANCE", as defined	by the basic accur	acy stated	d above.
TUNNIN	G FORK(S) SU	PPLIED WITH THIS DEVIC				101/
	ESCRIPTION	SERIAL NUMBER	RATED SPEED	33 M.P.H.	REQUEN	2404 Hz
TUNING FOR		296547 297037		77 M.P.H.		5600 Hz
I I I I I I I I I I I I I I I I I I I	THE RESERVE OF THE RE	, Frequency: 24.138 GHz				
STANDA	ARD(S) USED F	FOR CERTIFICATION				
I.D.	MODEL	MANUFACTURER		RIPTION		DUE DATE
MET1387	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFIC	CATION SYSTEM		12/15/2023
MET1388	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND			12/15/2023
PROCE	DURE(S) USEC	FOR CERTIFICATION				
	MENT ID		ESCRIPTION		REV	<b>REV DATE</b>
to the same of the			UDE		MEIM	11/14/2019
CP-SMD-001	1 RAD	AR AND LIDAR CALIBRATION PROCED	UKE		INCAA	11111111111

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

		ECOAHON.
PERFORMED BY	The state of the s	CALIBRATION DATE: Wednesday, March 15, 2023
-	METROLOGISE-JOHN-GRAY	

LOCATION-

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

FLI FNSBURG, WA





**DESCRIPTION:** 

ON-SITE CERTIFICATE #: OS3-00330279

# 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.

SPEED MEASURING DEVICE

		GHD-19962	SERIAL NUMBER:	CHL	D-19962	
ASSET #:						COTIONAL
MANUFA	CTURER:DE	CATUR ELECTRONICS, INC	MODEL NUMBER:			RECTIONAL
DEPART	MENT:	N/A	PATROL CAR #:		N/A	
ENVIRON	MENT:	72.0 °F/48.1 %RH	BASIC ACCURACY:	REFERENCE MF	RS SPEC	<b>IFICATIONS</b>
CAL INTE	RVAL:	12 MONTHS	DUE DATE:	March	n 15, 2024	
Initial testi	ng found this equi	ON AS RECEIVED prince to be "IN TOLERANCE", a	s defined by the basic accura	acy stated above.		
	THE COLUMN	AN AC DELIVEDED			. 3	1
EQUIPN At the con	npletion of the cali	ON AS DELIVERED bration, measured values were "li	N TOLERANCE", as defined	by the basic accura	acy stated	above.
At the con	npletion of the cali	bration, measured values were "li JPPLIED WITH THIS DEVI		by the basic accura	acy stated	above.
At the con	npletion of the cali G FORK(S) SI	bration, measured values were "l	CE RATED SPEED	F	REQUEN	CY
At the con	npletion of the cali G FORK(S) SU ESCRIPTION RK ONE	bration, measured values were "li JPPLIED WITH THIS DEVI	CE RATED SPEED			
TUNNIN  TUNING FO  TUNING FO	npletion of the cali G FORK(S) SI ESCRIPTION RK ONE RK TWO	bration, measured values were "li JPPLIED WITH THIS DEVI SERIAL NUMBER 287921	CE RATED SPEED	<b>F</b> 33 M.P.H.		2406 Hz
TUNNIN TUNNIN TUNING FO TUNING FO Antenna	npletion of the cali G FORK(S) SU ESCRIPTION RK ONE RK TWO I SN: HANDHELL	bration, measured values were "li JPPLIED WITH THIS DEVI- SERIAL NUMBER 287921 288186 D, Frequency: 24.149 GHz	CE RATED SPEED	<b>F</b> 33 M.P.H.		2406 Hz
TUNNIN  TUNING FO  TUNING FO  Antenna  STAND	npletion of the cali G FORK(S) SU ESCRIPTION RK ONE RK TWO I SN: HANDHELL	JPPLIED WITH THIS DEVI- SERIAL NUMBER 287921 288186  D, Frequency: 24.149 GHz FOR CERTIFICATION	CE RATED SPEED	<b>F</b> 33 M.P.H.		2406 Hz
TUNNIN TUNNIN TUNING FO TUNING FO Antenna	npletion of the cali G FORK(S) SI ESCRIPTION RK ONE RK TWO I SN: HANDHELD ARD(S) USED	JPPLIED WITH THIS DEVI- SERIAL NUMBER 287921 288186  D, Frequency: 24.149 GHz FOR CERTIFICATION	RATED SPEED  PESC HAND HELD RADAR CERTIFIC	33 M.P.H. 77 M.P.H.		2406 Hz 5616 Hz DUE DATE 12/15/2023
TUNNIN  D TUNING FO TUNING FO Antenna STAND	RESCRIPTION RESCRI	DESCRIPTION  DESCRIPTION  DESCRIPTION  DESCRIPTION  DESCRIPTION  DESCRIPTION  MANUFACTURER  DESCRIPTION  DESC	CE RATED SPEED	33 M.P.H. 77 M.P.H.		2406 Hz 5616 Hz
TUNNING FO TUNING FO Antenna STANDA I.D.  MET1387  MET1388	RESCRIPTION RESCRI	DPPLIED WITH THIS DEVI- SERIAL NUMBER 287921 288186 D, Frequency: 24.149 GHz FOR CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS	RATED SPEED  PESC HAND HELD RADAR CERTIFIC	33 M.P.H. 77 M.P.H.		2406 Hz 5616 Hz DUE DATE 12/15/2023
TUNNIN  TUNING FO TUNING FO TUNING FO Antenna STAND I.D.  MET1387 MET1388  PROCE	RESCRIPTION RESCRI	bration, measured values were "li JPPLIED WITH THIS DEVI SERIAL NUMBER 287921 288186 D, Frequency: 24.149 GHz FOR CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS DB INNOVATIONS DFOR CERTIFICATION	RATED SPEED  PESC HAND HELD RADAR CERTIFIC	33 M.P.H. 77 M.P.H.		2406 Hz 5616 Hz DUE DATE 12/15/2023

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 LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Wednesday, March 15, 2023





ON-SITE CERTIFICATE #: OS3-00330280

# 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		SPEC	D MEASURING DEV			
ASSET #:		86576	SERIAL NUMBER:		HD-02093	
MANUFACTURER	DECAT	UR ELECTRONICS, INC	MODEL NUMBER:	GENESIS HAN		RECTIONAL
DEPARTMENT:		N/A	PATROL CAR #:		N/A	
ENVIRONMENT:		72.0 °F/48.1 %RH	BASIC ACCURACY:			
CAL INTERVAL:	Mental Market	12 MONTHS	DUE DATE:	Ma	rch 15, 2024	1
_		nt to be "IN TOLERANCE", as	company the sactor assure	o, outlier alone		
At the completion of TUNNING FOR	of the calibrati K(S) SUPP	AS DELIVERED on, measured values were "IN" LIED WITH THIS DEVICE				
At the completion of TUNNING FOR DESCRIP	of the calibrati K(S) SUPP	on, measured values were "IN LIED WITH THIS DEVICI SERIAL NUMBER	RATED SPEED		curacy stated	1CY 2402 Hz
At the completion of TUNNING FOR	of the calibrati K(S) SUPP	on, measured values were "IN T LIED WITH THIS DEVICI	RATED SPEED			ICY
At the completion of TUNNING FOR DESCRIP TUNING FORK ONE TUNING FORK TWO	of the calibrati K(S) SUPF	on, measured values were "IN CLIED WITH THIS DEVICE SERIAL NUMBER 175647	RATED SPEED	33 M.P.H.		1CY 2402 Hz
At the completion of TUNNING FOR DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA	of the calibration (S) SUPF	on, measured values were "IN " LIED WITH THIS DEVICI SERIAL NUMBER 175647 175474	RATED SPEED	33 M.P.H.		2402 Hz 5617 Hz
TUNNING FOR  DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA	of the calibration (S) SUPF	on, measured values were "IN PLIED WITH THIS DEVICE SERIAL NUMBER 175647 175474 equency: 24.163 GHz	RATED SPEED DESC	33 M.P.H. 77 M.P.H.		2402 Hz 5617 Hz
At the completion of TUNNING FOR DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HASTANDARD(S)  I.D.  MET1387 VOCAR	of the calibration (K(S) SUPFITION  ANDHELD, FRUSED FOIL  HR	CLIED WITH THIS DEVICE SERIAL NUMBER 175647 175474 equency: 24.163 GHz R CERTIFICATION MANUFACTURER DB INNOVATIONS	RATED SPEED  DESC  HAND HELD RADAR CERTIFIC	33 M.P.H. 77 M.P.H.		2402 Hz 5617 Hz DUE DATE 12/15/2023
TUNNING FOR  DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S) I.D.  MET1387 VOCAR MET1388 VOCAR	of the calibration (K(S) SUPFITION (MODEL)  HR WAND	CLIED WITH THIS DEVICE SERIAL NUMBER  175647 175474 equency: 24.163 GHz R CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS	RATED SPEED DESC	33 M.P.H. 77 M.P.H.		2402 Hz 5617 Hz
At the completion of TUNNING FOR DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HASTANDARD(S) I.D.  MET1387 VOCAR MET1388 VOCAR PROCEDURE(S)	MODEL HR HR WAND HE CAlibration  K(S) SUPF TION  ANDHELD, Fr  USED FOI  MODEL HR HR WAND	CLIED WITH THIS DEVICE SERIAL NUMBER 175647 175474 equency: 24.163 GHz R CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS OR CERTIFICATION	PATED SPEED  DESC  HAND HELD RADAR CERTIFIC  VOCAR HR WAND	33 M.P.H. 77 M.P.H.	FREQUEN	2402 Hz 5617 Hz 5017 Hz DUE DATE 12/15/2023 12/15/2023
TUNNING FOR  DESCRIP TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: HA STANDARD(S) I.D.  MET1387 VOCAR MET1388 VOCAR	of the calibration (K(S) SUPFITION (NDHELD, Fr. USED FOIL HR HR WAND (S) USED FOIL (D)	CLIED WITH THIS DEVICE SERIAL NUMBER 175647 175474 equency: 24.163 GHz R CERTIFICATION MANUFACTURER DB INNOVATIONS DB INNOVATIONS OR CERTIFICATION	PATED SPEED  DESC  HAND HELD RADAR CERTIFIC  VOCAR HR WAND  SCRIPTION	33 M.P.H. 77 M.P.H.		2402 Hz 5617 Hz DUE DATE 12/15/2023

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

	095	LOCATION:	ELLENSBURG, WA
PERFORMED BY	The state of the s	CALIBRATION DATE:	Wednesday, March 15, 2023
	METROLOGIST-JOHN GRAY		





# **ONSITE DAILY SUMMARY LIST**

ONSITE DATE: Wednesday, March 15, 2023

MANUFACTURER MODEL NUMBER  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  DECATUR ELECTRONICS, INC  GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	N/A N/A N/A	Numi		
MANUFACTURER MODEL NUMBER  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  N/A	N/A N/A N/A			
MANUFACTURER MODEL NUMBER  DESCRIPTION  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A  N/A	N/A N/A	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	GHD-20996
MANUFACTURER MODEL NUMBER DESCRIPTION  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  N/A	N/A N/A	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	GHD-20699
MANUFACTURER MODEL NUMBER DESCRIPTION  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A	NIA	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	GHD-20698
MANUFACTURER MODEL NUMBER DESCRIPTION  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A  DECATUR ELECTRONICS, INC GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE N/A	NIM	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	GHD-19962
MANUFACTURER MODEL NUMBER DESCRIPTION  DECATURE ELECTRONICS, INC. GENESIS HANDHELD DIRECTION SPEED MEASURING DEVICE  N/A	NIO	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	86577
MANUFACTURER MODEL NUMBER DESCRIPTION	N/A	GENESIS HANDHELD DIRECTI	DECATUR ELECTRONICS, INC	86576
	DESCRIPTION DEPARTMENT RESU	MODEL NUMBER	MANUFACTURER	Asset / ID Number

F542-3/Revision B April - 2015