



Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS2-00040751

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

### CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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 17025:2005 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 17025:2005, 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 #:	KK13257	SERIAL NUMBER:	KK13257
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	TROOPER
DEPARTMENT:	N/A	LOCATION:	201
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	29146	35 M.P.H.	2542 Hz
TUNING FORK TWO	24640	50 M.P.H.	3654 Hz

Antenna 1 SN: CC13742, Frequency: 24.167 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



Cascade Engineering Services, Inc.

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T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS2-00040752

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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 17025:2005 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 17025:2005, 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 #:	XE15010	SERIAL NUMBER:	XE15010
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	EAGLE II
DEPARTMENT:	N/A	LOCATION:	202
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	61207	30 M.P.H.	3212 Hz
TUNING FORK TWO	61442	55 M.P.H.	5896 Hz

Antenna 1 SN: DE26973, Frequency: 35.477 GHz

Antenna 2 SN: DE27001, Frequency: 35.472 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### CERTIFICATION NOTES

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PERFORMED BY Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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ON-SITE CERTIFICATE #: OS2-00040757

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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 17025:2005 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 17025:2005, 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 #:	XE14969	SERIAL NUMBER: XE14969
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER: GOLDEN EAGLE II
DEPARTMENT:	N/A	LOCATION: 205
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE: March 22, 2020

### 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	39235	30 M.P.H.	3212 Hz
TUNING FORK TWO	41070	55 M.P.H.	5892 Hz

Antenna 1 SN: DE27103, Frequency: 35.487 GHz

Antenna 2 SN: DE27064, Frequency: 35.491 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### CERTIFICATION NOTES

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PERFORMED BY Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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ON-SITE CERTIFICATE #: OS2-00040759

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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DESCRIPTION:	SPEED MEASURING DEVICE		
ASSET #:	PYT846001765	SERIAL NUMBER:	PYT846001765
MANUFACTURER:	MPH INDUSTRIES	MODEL NUMBER:	PYTHON III
DEPARTMENT:	N/A	LOCATION:	206
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	854221	35 M.P.H.	2524 Hz
TUNING FORK TWO	854244	65 M.P.H.	4680 Hz

Antenna 1 SN: PYT831002137, Frequency: 24.186 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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ON-SITE CERTIFICATE #: OS2-00040755

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

### CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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DESCRIPTION:	SPEED MEASURING DEVICE	
ASSET #:	XE08339	SERIAL NUMBER: XE08339
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER: GOLDEN EAGLE II
DEPARTMENT:	N/A	LOCATION: 207
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE: March 22, 2020

### 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	39205	30 M.P.H.	3216 Hz
TUNING FORK TWO	41098	55 M.P.H.	5902 Hz

Antenna 1 SN: DE27085, Frequency: 35.485 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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ON-SITE CERTIFICATE #: OS2-00040754

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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### DESCRIPTION:

### SPEED MEASURING DEVICE

ASSET #:	XE15012	SERIAL NUMBER:	XE15012
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:	N/A	LOCATION:	208
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	39203	30 M.P.H.	3212 Hz
TUNING FORK TWO	41093	55 M.P.H.	5898 Hz

Antenna 1 SN: DE16732, Frequency: 35.476 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS2-00040749

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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DESCRIPTION:	SPEED MEASURING DEVICE	
ASSET #:	KK38300	SERIAL NUMBER: KK38300
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER: TROOPER
DEPARTMENT:	N/A	LOCATION: 209
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY: REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE: March 22, 2020

### 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	26717	35 M.P.H.	2524 Hz
TUNING FORK TWO	25548	65 M.P.H.	4730 Hz

Antenna 1 SN: CC39303, Frequency: 24.165 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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ON-SITE CERTIFICATE #: OS2-00040756

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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### DESCRIPTION:

### SPEED MEASURING DEVICE

ASSET #:	XE08340	SERIAL NUMBER:	XE08340
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:	N/A	LOCATION:	210
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	32821	30 M.P.H.	3216 Hz
TUNING FORK TWO	34576	55 M.P.H.	5898 Hz

Antenna 1 SN: DE16711, Frequency: 35.472 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

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SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### CERTIFICATION NOTES

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PERFORMED BY Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019





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ON-SITE CERTIFICATE #: OS2-00040753

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

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### DESCRIPTION:

### SPEED MEASURING DEVICE

ASSET #:	XE15018	SERIAL NUMBER:	XE15018
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	EAGLE II
DEPARTMENT:	N/A	LOCATION:	225
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURES
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	32829	30 M.P.H.	3214 Hz
TUNING FORK TWO	34550	55 M.P.H.	5898 Hz

Antenna 1 SN: DE16734, Frequency: 35.52 GHz

Antenna 2 SN: DE27084, Frequency: 35.489 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



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T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS2-00040760

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

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 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NC 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 17025:2005, 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 #:	FF12409	SERIAL NUMBER:	FF12409
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	FALCON
DEPARTMENT:	N/A	LOCATION:	PATROL - HANDHELD
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	26500	50 M.P.H.	3652 Hz
TUNING FORK TWO	N/A		

Antenna 1 SN: HANDHELD, Frequency: 24.154 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



Cascade Engineering Services, Inc.



6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00040761

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

CLE ELUM POLICE DEPARTMENT

807 W. 2ND STREET CLE ELUM, WA 98922

*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 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NC 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 17025:2005, 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 #:	AA11249	SERIAL NUMBER:	AA11249
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	HR-12
DEPARTMENT:	N/A	LOCATION:	PATROL - HANDHELD
ENVIRONMENT:	54.0 °F/54.0 %RH	BASIC ACCURACY:	REFERENCE MFRS SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 22, 2020

### 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	292168	35 M.P.H.	2538 Hz
TUNING FORK TWO	24719	65 M.P.H.	4732 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.176 GHz

### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	08/24/2019
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	08/24/2019

### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	A	06/01/2006

### 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 Nicolas Mowry  
METROLOGIST: NICOLAS MOWRY

LOCATION: CLE ELUM, WA  
CALIBRATION DATE: Friday, March 22, 2019



# ONSITE DAILY SUMMARY LIST

ONSITE DATE: Friday, March 22, 2019

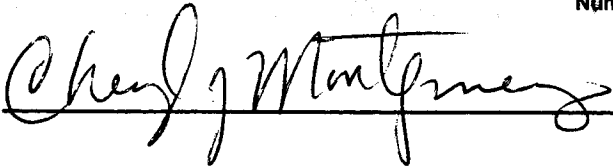
CLE ELUM POLICE DEPT

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

ID	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DEPARTMENT	RESULT
AA11249	KUSTOM SIGNALS, INC.	HR-12	SPEED MEASURING DEVICE	N/A	PASS
FF12409	KUSTOM SIGNALS, INC.	FALCON	SPEED MEASURING DEVICE	N/A	PASS
KK13257	KUSTOM SIGNALS, INC.	TROOPER	SPEED MEASURING DEVICE	N/A	PASS
KK38300	KUSTOM SIGNALS, INC.	TROOPER	SPEED MEASURING DEVICE	N/A	PASS
PYT846001765	MPH INDUSTRIES	PYTHON III	SPEED MEASURING DEVICE	N/A	PASS
XE08339	KUSTOM SIGNALS, INC.	GOLDEN EAGLE II	SPEED MEASURING DEVICE	N/A	PASS
XE08340	KUSTOM SIGNALS, INC.	GOLDEN EAGLE II	SPEED MEASURING DEVICE	N/A	PASS
XE14969	KUSTOM SIGNALS, INC.	GOLDEN EAGLE II	SPEED MEASURING DEVICE	N/A	PASS
XE15010	KUSTOM SIGNALS, INC.	EAGLE II	SPEED MEASURING DEVICE	N/A	PASS
XE15012	KUSTOM SIGNALS, INC.	GOLDEN EAGLE II	SPEED MEASURING DEVICE	N/A	PASS
XE15018	KUSTOM SIGNALS, INC.	EAGLE II	SPEED MEASURING DEVICE	N/A	PASS

Number Processed: 11

Customer Signature: \_\_\_\_\_



Date: \_\_\_\_\_

3/22/19