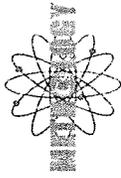




Cascade Engineering Services, Inc.



ONSITE DAILY SUMMARY LIST

ONSITE DATE: Friday, January 15, 2016

CURRENT PO: 2016

BLACK DIAMOND PD

ID	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DEPARTMENT	RESULT
AA-8476	KUSTOM	HR-12	SPEED MEASURING DEVICE		PASS
EG02886	KUSTOM	ECTIONALGOLDEN EAC	SPEED MEASURING DEVICE	N/A	PASS
FF18686	KUSTOM	FALCON	SPEED MEASURING DEVICE	MARINE UNIT	PASS
FF21128	KUSTOM	FALCON	SPEED MEASURING DEVICE		PASS
FF6630	KUSTOM	FALCON	SPEED MEASURING DEVICE		PASS
FH08200	KUSTOM	FALCON HR	SPEED MEASURING DEVICE		PASS
FH09600	KUSTOM	FALCON HR	SPEED MEASURING DEVICE		PASS
PL27232	KUSTOM	PRO LASER III	SMD		PASS
RP01593	KUSTOM	RP-1	SPEED MEASURING DEVICE		PASS
RP05744	KUSTOM	RP-1	SPEED MEASURING DEVICE		PASS
RP15985	KUSTOM	RP-1	SPEED MEASURING DEVICE		PASS
XE04281	KUSTOM	GOLDEN EAGLE II	SPEED MEASURING DEVICE		PASS
XE04286	KUSTOM	GOLDEN EAGLE II	SPEED MEASURING DEVICE		PASS
XE04293	KUSTOM	GOLDEN EAGLE II	SPEED MEASURING DEVICE		PASS
XE04298	KUSTOM	GOLDEN EAGLE II	SPEED MEASURING DEVICE		PASS
XE04310	KUSTOM	GOLDEN EAGLE II	SPEED MEASURING DEVICE		PASS

Number Processed: 16

Customer Signature: _____

Date: _____

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029182

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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 #:	RP05744	SERIAL NUMBER:	RP05744
MANUFACTURER:	KUSTOM	MODEL NUMBER:	RP-1
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	52909	35 M.P.H.	2550 Hz
TUNING FORK TWO	48682	65 M.P.H.	4746 Hz

Antenna 1 SN: RK09229, Frequency: 24.153 GHz

Antenna 2 SN: RK12626, 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	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029177

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	RP01593	SERIAL NUMBER:	RP01593
MANUFACTURER:	KUSTOM	MODEL NUMBER:	RP-1
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	45296	35 M.P.H.	2550 Hz
TUNING FORK TWO	43260	65 M.P.H.	4740 Hz

Antenna 1 SN: RK02146, Frequency: 24.118 GHz

Antenna 2 SN: RK02141, Frequency: 24.137 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034
T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029175

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	XE04310	SERIAL NUMBER:	XE04310
MANUFACTURER:	KUSTOM	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	42184	30 M.P.H.	3218 Hz
TUNING FORK TWO	41353	55 M.P.H.	5590 Hz

Antenna 1 SN: DE10057, Frequency: 35.476 GHz

Antenna 2 SN: DE10089, Frequency: 35.477 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029188

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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:

SMD

ASSET #:	PL27232	SERIAL NUMBER:	PL27232
MANUFACTURER:	KUSTOM	MODEL NUMBER:	PRO LASER III
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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.

LASER SYSTEM OUTPUTS

PULSE REFERENCE FREQUENCY 199.9968 Hz OPTICAL POWER OUTPUT: 167.5 µW

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1259	NOVA-DISPLAY	OPHIR	LASER POWER METER	06/15/2016
MET1260	PD300-SH	OPHIR	LASER POWER HEAD	06/18/2016
MET1335	7024707	LASER TECHNOLOGY INC	LASER SPEED MEASUREMENT SIMULATOR	08/10/2016
MET1336	7005320	LASER TECHNOLOGY INC	OPTICAL INTERFACE UNIT	

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029187

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	FH08200	SERIAL NUMBER:	FH08200
MANUFACTURER:	KUSTOM	MODEL NUMBER:	FALCON HR
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	59428	35 M.P.H.	2524 Hz
TUNING FORK TWO	54943	65 M.P.H.	4684 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.121 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029186

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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DESCRIPTION:		SPEED MEASURING DEVICE	
ASSET #:	FF21128	SERIAL NUMBER:	FF21128
MANUFACTURER:	KUSTOM	MODEL NUMBER:	FALCON
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	47298	65 M.P.H.	4742 Hz
TUNING FORK TWO			

Antenna 1 SN: HANDHELD, Frequency: 24.171 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029185

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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 #:	AA-8476	SERIAL NUMBER:	AA-8476
MANUFACTURER:	KUSTOM	MODEL NUMBER:	HR-12
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	966933	35 M.P.H.	2546 Hz
TUNING FORK TWO	966968	65 M.P.H.	4742 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.161 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029184

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	FF18686	SERIAL NUMBER:	FF18686
MANUFACTURER:	KUSTOM	MODEL NUMBER:	FALCON
DEPARTMENT:	MARINE UNIT	PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	16451	50 M.P.H.	3656 Hz
TUNING FORK TWO			

Antenna 1 SN: HANDHELD, Frequency: 24.158 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029183

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	XE04293	SERIAL NUMBER:	XE04293
MANUFACTURER:	KUSTOM	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	42187	30 M.P.H.	3222 Hz
TUNING FORK TWO	44196	55 M.P.H.	5920 Hz

Antenna 1 SN: DE10086, Frequency: 35.514 GHz

Antenna 2 SN: DE10080, Frequency: 35.503 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029181

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT
 25510 LAWSON STREET BLACK DIAMOND, WA 98010

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 #:	FF6630	SERIAL NUMBER:	FF6630
MANUFACTURER:	KUSTOM	MODEL NUMBER:	FALCON
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	16540	50 M.P.H.	3660 Hz
TUNING FORK TWO			

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	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029180

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	XE04298	SERIAL NUMBER:	XE04298
MANUFACTURER:	KUSTOM	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	22470	30 M.P.H.	3216 Hz
TUNING FORK TWO	24033	55 M.P.H.	5904 Hz

Antenna 1 SN: DE10019, Frequency: 35.494 GHz

Antenna 2 SN: DE10074, Frequency: 35.481 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029179

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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 #:	RP15985	SERIAL NUMBER:	RP15985
MANUFACTURER:	KUSTOM	MODEL NUMBER:	RP-1
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	63508	35 M.P.H.	2552 Hz
TUNING FORK TWO	58437	65 M.P.H.	4746 Hz

Antenna 1 SN: RK22221, Frequency: 24.128 GHz

Antenna 2 SN: RK22222, Frequency: 24.137 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029178

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT
 25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	XE04281	SERIAL NUMBER:	XE04281
MANUFACTURER:	KUSTOM	MODEL NUMBER:	GOLDEN EAGLE II
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	38175	30 M.P.H.	3216 Hz
TUNING FORK TWO	44197	55 M.P.H.	5908 Hz

Antenna 1 SN: DE10046, Frequency: 35.477 GHz

Antenna 2 SN: DE10081, Frequency: 35.528 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016



Cascade Engineering Services, Inc.



12026 115th Ave NE, Suite 102, Kirkland, WA 98034

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029174

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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 #:	FH09600	SERIAL NUMBER:	FH09600
MANUFACTURER:	KUSTOM	MODEL NUMBER:	FALCON HR
DEPARTMENT:		PATROL CAR #:	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017

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	65192	35 M.P.H.	2548 Hz
TUNING FORK TWO	59678	65 M.P.H.	4744 Hz

Antenna 1 SN: HANDHELD, Frequency: 24.125 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016

12026 115th Ave NE, Suite 102, Kirkland, WA 98034
 T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00029190

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

BLACK DIAMOND POLICE DEPARTMENT

25510 LAWSON STREET BLACK DIAMOND, WA 98010

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/NCCL 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 #:	EG02886	SERIAL NUMBER:	EG02886	
MANUFACTURER:	KUSTOM	MODEL NUMBER:	DIRECTIONALGOLDEN EAGLE	
DEPARTMENT:	N/A	PATROL CAR #:	27	
ENVIRONMENT:	69.7 °F/35.7 %RH	BASIC ACCURACY:	REFERENCE MFR SPECIFICATIONS	
CAL INTERVAL:	12 MONTHS	DUE DATE:	January 15, 2017	

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	25025	30 M.P.H.	3218 Hz
TUNING FORK TWO	26459	55 M.P.H.	5904 Hz

Antenna 1 SN: DE04789, Frequency: 35.489 GHz

Antenna 2 SN: DE04806, Frequency: 35.534 GHz

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/06/2016
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/06/2016

PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
SMD101	DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE	NEW	

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 Charlie M. Brown
 CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: BLACK DIAMOND, WA
 CALIBRATION DATE: Friday, January 15, 2016