Cascade Engineering Services, Inc.

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

T.425.895.8617, F.425.702.9358

ON-SITE CERTIFICATE #: OS2-00032681

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

KITSAP COUNTY SHERIFFS OFFICE

3951 NW RANDALL WAY SILVERDALE, WA 98383

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, DOPPLER

ASSET #:	117	**SERIAL NUMBER:**	BEE930002157
MANUFACTURER:	MPH INDUSTRIES	**MODEL NUMBER:**	BEE III
DEPARTMENT:	N/A	**PATROL CAR #:**	N/A
ENVIRONMENT:	69.1 °F/30.9 %RH	**BASIC ACCURACY:**	REFERENCE MFR SPECIFICATIONS
CAL INTERVAL:	24 MONTHS	**DUE DATE:**	January 13, 2019

EQUIPMENT CONDITION AS RECEIVED

Inital 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	964190	20 M.P.H.	2024 Hz
TUNING FORK TWO	964221	50 M.P.H.	5056 Hz

Antenna 1 SN: BEN653012571, Frequency: 33.802 GHz **Antenna 2 SN: BEN653012572, Frequency: 33.822 GHz**

STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	05/25/2017
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	05/25/2017

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 Charles M. Brown

CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: SILVERDALE, WA

CALIBRATION DATE: Friday, January 13, 2017

THIS LABORATORY IS A2LA ACCREDITED TO ISO/IEC 17025:2005 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES), CERTIFICATE #: 2560.01

Cascade Engineering Services, Inc.

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

ON-SITE CERTIFICATE #: OS2-00032681

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

KITSAP COUNTY SHERIFFS OFFICE

3951 NW RANDALL WAY SILVERDALE, WA 98383

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 Charles M. Brown
CALIBRATION TECHNICIAN: CHARLIE BROWN

LOCATION: SILVERDALE, WA
CALIBRATION DATE: Friday, January 13, 2017