



ON-SITE CERTIFICATE #: OS3-00327277

# **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.

DESCR	IPTION:	SPEED	MEASURING DEVICE,	LIDAR	
ASSET #: 10236		SERIAL NUMBER:	1023	0236	
MANUFA	CTURER:	MPH INDUSTRIES	MODEL NUMBER:	R:880010	
DEPARTI	MENT:	N/A	LOCATION:	N/A	
ENVIRON	IMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL	PROCEDURE
CAL INTERVAL: 12 MONTHS		DUE DATE:	March 17,		
Initial testi EQUIPN At the con	MENT CONDITION	ent to be "IN TOLERANCE", as AS DELIVERED ion, measured values were "IN	•		stated above.
	EFERENCE FREQUE		OPTICAL POW	ER OUTPUT:	150.3 µW
		R CERTIFICATION	OI HOAL FOR	LK OOTFOT.	130.3 μνν
			DECOR	NOTION	
I.D. MET1259	MODEL NOVA-DISPLAY	MANUFACTURER OPHIR		RIPTION	DUE DATE
MET1260	PD300-SH	OPHIR	LASER POWER METER LASER POWER HEAD		03/09/2023
MET1335	7024707	LASER TECHNOLOGY INC	LASER SPEED MEASUREMENT	COMULATOD	03/10/2023
MET1336	7005320	LASER TECHNOLOGY INC	OPTICAL INTERFACE UNIT	SIMULATOR	01/04/2023
PROCE	DURE(S) USED F	OR CERTIFICATION			
	JMENT ID		ESCRIPTION		REV REV DATE
CP-SMD-00	1 RADAR A	ND LIDAR CALIBRATION PROCED	URE		NEW 11/14/2019
CERTIF	ICATION NOTES				
I certify (or	declare) under penalty of	f perjury under the laws of the Sta	ate of Washington that the above	information is true and	correct
PERFORI	MED BY	IA (	LOCA CALIBRATION		SBURG, WA
		METROLOGIST: JOHN GRAY	- VALIDIATION	Thursday, I	VIGIOII 17, 2022
THIS LABORA F540-1.3/REVISI MARCH 2020		SO/IEC 17025:2017 (GENERAL REQUIREMENT	S FOR THE COMPETENCE OF TESTING AND	CALIBRATION LABORATORIES),	CERTIFICATE #: 2560.01 Page 1 of 1





6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

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	RIPTION:			MEASURING DEVICE,	LIDAR	-	
ASSET#	-		)79874	SERIAL NUMBER:	LD0	79874	
MANUFA	CTURER:	APPLIED CO	ONCEPTS INC.	MODEL NUMBER:_	BA	ASIC	
DEPART	MENT:		N/A	LOCATION:	l	N/A	
ENVIRON	NMENT:	63.0 °F/	/65.0 %RH	BASIC ACCURACY:	REFERENCE C	AL PRO	CEDURE
CAL INT	ERVAL:	12 M	ONTHS	DUE DATE:	March	17, 202	3
EQUIPINATE At the cor	MENT COND mpletion of the SYSTEM O	ITION AS D calibration, mea JTPUTS	ELIVERED asured values were "IN	defined by the basic accuracy TOLERANCE", as defined b	y the basic accura		
EQUIPM At the cor LASER PULSE R STANDA	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE	OITION AS Dicalibration, measurements STPUTS REQUENCY ED FOR CER	ELIVERED asured values were "IN  179.9956 Hz RTIFICATION	TOLERANCE", as defined b	y the basic accura		.8 μW
EQUIPM At the cor LASER PULSE R STANDA	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE MORE	OITION AS Discription, measurements CONTINUES	ELIVERED asured values were "IN  179.9956 Hz  TIFICATION  MANUFACTURER	TOLERANCE", as defined b OPTICAL POV	y the basic accura		.8 μW DUE DATE
EQUIPM At the cor LASER PULSE R STANDA	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE	OITION AS Discription, measurements CONTINUES	ELIVERED asured values were "IN  179.9956 Hz  RTIFICATION  MANUFACTURER HIR	TOLERANCE", as defined b	y the basic accura		.8 μW
EQUIPNAt the cor LASER PULSE R STANDA I.D. MET1259 MET1260 MET1335	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE MOI NOVA-DISPLA PD300-SH 7024707	OTTION AS D calibration, mea JTPUTS REQUENCY ED FOR CER DEL Y OPF LAS	ELIVERED asured values were "IN  179.9956 Hz  RTIFICATION  MANUFACTURER HIR HIR EER TECHNOLOGY INC	OPTICAL POV  OPTICAL POV  DESCR  LASER POWER METER  LASER POWER HEAD  LASER SPEED MEASUREMEN	y the basic accura		.8 μW <b>DUE DATE</b> 03/09/2023
EQUIPN At the cor LASER PULSE R STANDA I.D. MET1259 MET1260 MET1335 MET1336	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE MOI NOVA-DISPLA PD300-SH 7024707 7005320	DITION AS Dicalibration, measurements  JTPUTS  REQUENCY  DFOR CER  OPI  OPI  LAS	ELIVERED asured values were "IN  179.9956 Hz  TIFICATION  MANUFACTURER HIR HIR HIR HER TECHNOLOGY INC HER TECHNOLOGY INC	OPTICAL POV  DESCRETABLE POWER METER LASER POWER HEAD	y the basic accura		.8 μW <b>DUE DATE</b> 03/09/2023 03/10/2023
EQUIPNAt the cor LASER PULSE R STANDA I.D. MET1259 MET1260 MET1335 MET1336 PROCE	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE MOI NOVA-DISPLA PD300-SH 7024707 7005320  EDURE(S) US	DITION AS Dicalibration, measurements  JTPUTS  REQUENCY  DFOR CER  OPI  OPI  LAS	ELIVERED asured values were "IN  179.9956 Hz  TIFICATION  MANUFACTURER HIR HIR EER TECHNOLOGY INC EER TECHNOLOGY INC ERTIFICATION	OPTICAL POV  OPTICAL POV  DESCR  LASER POWER METER  LASER POWER HEAD  LASER SPEED MEASUREMEN  OPTICAL INTERFACE UNIT	y the basic accura		.8 μW <b>DUE DATE</b> 03/09/2023 03/10/2023
EQUIPNAt the cor LASER PULSE R STANDA I.D. MET1259 MET1260 MET1335 MET1336 PROCE	MENT CONE mpletion of the SYSTEM OF REFERENCE FI ARD(S) USE MOI NOVA-DISPLA PD300-SH 7024707 7005320  EDURE(S) US UMENT ID	DITION AS Dicalibration, medicalibration, medicalibration	ELIVERED asured values were "IN  179.9956 Hz  TIFICATION  MANUFACTURER HIR HIR EER TECHNOLOGY INC EER TECHNOLOGY INC ERTIFICATION	OPTICAL POV  OPTICAL POV  DESCRIPTION	y the basic accura	286 REV	.8 μW <b>DUE DATE</b> 03/09/2023 03/10/2023

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

LOCATION: ELLENSBURG, WA CALIBRATION DATE: Thursday, March 17, 2022





ON-SITE CERTIFICATE #: OS3-00327275

## CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

#### **ELLENSBURG POLICE DEPARTMENT**

100 N. PEARL STREET ELLENSBURG, WA 98926

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			, , , , , , , , , , , , , , , , , , , ,		
DESCRI	IPTION:		SMD		
ASSET #:		PYT846006198	SERIAL NUMBER:	PYT8460061	98
MANUFA	CTURER:	MPH	MODEL NUMBER:	PYTHON II	Con Xi defination executives of
DEPART	WENT:	N/A	LOCATION:	17-P8	
ENVIRON	MENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PR	OCEDURE
CAL INTE	RVAL:	12 MONTHS	DUE DATE:	March 17, 20	23
EQUIPN At the con	TENT CONDITION npletion of the calibration	nt to be "IN TOLERANCE", as	TOLERANCE", as defined by		ed above.
	ESCRIPTION	<b>SERIAL NUMBER</b>	RATED SPEED	FREQUE	NCY
TUNING FO		2302 2196		M.P.H. M.P.H.	2528 Hz 4702 Hz
		Frequency: 24.159 GHz	0.0	M.F.FI.	4702 Hz
STANDA	ARD(S) USED FOI	R CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESCR	IPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICA	ATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND		10/05/2022
<b>PROCEI</b>	DURE(S) USED FO	OR CERTIFICATION			
DOCU	JMENT ID	DE	SCRIPTION	RE\	REV DATE
CP-SMD-001	1 RADAR A	ND LIDAR CALIBRATION PROCEDU	JRE	NEV	/ 11/14/2019
CERTIF	ICATION 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

LOCATION: ELLENSBURG, WA

CALIBRATION DATE: Thursday, March 17, 2022





**PERFORMED BY** 

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DESCR	RIPTION:		SMD			
ASSET #		PYT546005120	SERIAL NUMBER:	PYT54	600512	0
MANUFA	CTURER:	MPH	MODEL NUMBER:	PYTI	HON II	
DEPART	MENT:	N/A	LOCATION:	16	S-P4	Markettain and San Jan Jan Jan Jan Jan Jan Jan Jan Jan J
ENVIRON	NMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE C	AL PRO	CEDURE
CAL INTI	ERVAL:	12 MONTHS	DUE DATE:	March	17, 202	3
EQUIPI At the cor	MENT CONDITION mpletion of the calibra	ent to be "IN TOLERANCE",  N AS DELIVERED  tion, measured values were '	as defined by the basic accurac		cy state	d above.
	Should be a supply and a supply of the first of the supply	PLIED WITH THIS DEV				
TUNING FO	DESCRIPTION	SERIAL NUMBER 857240	RATED SPEED		REQUE	
TUNING FO		071109		5 M.P.H. 5 M.P.H.		2526 Hz 4694 Hz
Antenna	1 SN: PYT315013698	3, Frequency: 24.166 GHz	Antenna 2 SN: PY	NAME AND DESCRIPTION OF THE PROPERTY OF THE PR	MILLENCY	
		R CERTIFICATION		1010010021,1100	querioy	. 24.174 0112
I.D.			TO AND AND AND AND A SECOND			
MET1231	MODEL VOCAR HR	MANUFACTURES DB INNOVATIONS	DECOM			DUE DATE
MET1232	VOCAR HR WAND	DB INNOVATIONS  DB INNOVATIONS	HAND HELD RADAR CERTIFICATION VOCAR HR WAND	ATION SYSTEM	***********	10/05/2022 10/05/2022
DDOCE			TOO ATTIMETY	DESCRIPTION OF THE PROPERTY OF	HARMAN MARKALLIA MARKANIA MARK	10/03/2022
		OR CERTIFICATION				
HIGH STATE CONTRACTOR	UMENT ID		DESCRIPTION		REV	<b>REV DATE</b>
CP-SMD-00	1 RADAR	AND LIDAR CALIBRATION PROCI	EDURE		NEW	11/14/2019
CERTIF	ICATION NOTES					ř
I certify (or	declare) under penalty	of perjury under the laws of the	State of Washington that the above	information is true	and corr	ect

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

LOCATION:

CALIBRATION DATE: Thursday, March 17, 2022

ELLENSBURG, WA





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DESCRIPTION:		SMD			
ASSET #:	PYT846003563	SERIAL NUMBER:	PYT8	346003563	<b>k</b>
MANUFACTURER:	MPH	MODEL NUMBER:	PY	THON III	
DEPARTMENT:	N/A	LOCATION:		18-P6	
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE	CAL PRO	CEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	Marc	h 17, 2023	
	TION AS RECEIVED puipment to be "IN TOLERANCE", as	defined by the basic accurac	v stated above.		
EQUIPMENT CONDI At the completion of the c	TION AS DELIVERED alibration, measured values were "IN			racy stated	above.
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC			racy stated	above.
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER	RATED SPEED	y the basic accur	racy stated	ICY
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC	RATED SPEED	y the basic accur	•	
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER 077371	RATED SPEED	y the basic accur	•	ICY 2536 Hz
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER 077371 077383	RATED SPEED	y the basic accur	•	ICY 2536 Hz
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER 077371 077383 04681, Frequency: 24.18 GHz D FOR CERTIFICATION	RATED SPEED  36 65	y the basic accur	•	2536 Hz 4706 Hz
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER 077371 077383 04681, Frequency: 24.18 GHz D FOR CERTIFICATION	RATED SPEED  36 65	y the basic accur	FREQUEN	ICY 2536 Hz
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER  077371 077383 04681, Frequency: 24.18 GHz D FOR CERTIFICATION EL MANUFACTURER  DB INNOVATIONS	RATED SPEED  38 68 DESCR	y the basic accur	FREQUEN	2536 Hz 4706 Hz
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVIC SERIAL NUMBER  077371 077383 04681, Frequency: 24.18 GHz D FOR CERTIFICATION EL MANUFACTURER  DB INNOVATIONS	RATED SPEED  38 68 68  DESCR	y the basic accur	FREQUEN	2536 Hz 4706 Hz DUE DATE 10/05/2022
At the completion of the compl	TION AS DELIVERED alibration, measured values were "IN SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077371 077383 04681, Frequency: 24.18 GHz D FOR CERTIFICATION EL MANUFACTURER DB INNOVATIONS ND DB INNOVATIONS ED FOR CERTIFICATION	RATED SPEED  38 68 68  DESCR	y the basic accur	FREQUEN	2536 Hz 4706 Hz DUE DATE 10/05/2022

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



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DESCRIPTION:		SMD				
ASSET #:	PYT846003562	SERIAL NUMBER:	PY	F84600356	2	
MANUFACTURER:	MPH INDUSTRIES	MODEL NUMBER:	P	YTHON III	a designate of the second	
DEPARTMENT:	N/A	LOCATION:		17-P5		
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCI	E CAL PRO	CEDURE	
CAL INTERVAL:	12 MONTHS	DUE DATE:	Mar	ch 17, 202	A STATE OF THE PARTY OF THE PAR	
	ITION AS RECEIVED quipment to be "IN TOLERANCE", a	s defined by the basic accurac	cy stated above	•		
	ITION AS DELIVERED calibration, measured values were "II	N TOLERANCE", as defined b	ov the basic acc	uracv state	d above	
At the completion of the o	ITION AS DELIVERED calibration, measured values were "II SUPPLIED WITH THIS DEVICED."		y the basic acc	uracy stated	d above.	
At the completion of the compl	calibration, measured values were "II SUPPLIED WITH THIS DEVIOUS SERIAL NUMBER		y the basic acc	uracy stated		
At the completion of the compl	calibration, measured values were "II SUPPLIED WITH THIS DEVI	CE RATED SPEED	5 M.P.H.		<b>ICY</b> 2524 Hz	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO	salibration, measured values were "II SUPPLIED WITH THIS DEVICE SERIAL NUMBER 077368	CE RATED SPEED			<b>ICY</b> 2524 Hz	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550	Salibration, measured values were "II SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375 04680, Frequency: 24.19 GHz	CE RATED SPEED	5 M.P.H.		ICY	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550	SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375 04680, Frequency: 24.19 GHz D FOR CERTIFICATION	RATED SPEED  3 6	5 M.P.H.		2524 Hz 4636 Hz	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550 STANDARD(S) USE I.D. MOD MET1231 VOCAR HR	SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375 04680, Frequency: 24.19 GHz D FOR CERTIFICATION EL MANUFACTURER  DB INNOVATIONS	RATED SPEED  3 6  DESCRIPTION  HAND HELD RADAR CERTIFIC	5 M.P.H. 5 M.P.H. RIPTION		<b>ICY</b> 2524 Hz	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550 STANDARD(S) USE I.D. MOD	SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375 04680, Frequency: 24.19 GHz D FOR CERTIFICATION EL MANUFACTURER  DB INNOVATIONS	RATED SPEED  3 6	5 M.P.H. 5 M.P.H. RIPTION		2524 Hz 2524 Hz 4636 Hz	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550 STANDARD(S) USE I.D. MOD MET1231 VOCAR HR MET1232 VOCAR HR WA	SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375 04680, Frequency: 24.19 GHz D FOR CERTIFICATION EL MANUFACTURER  DB INNOVATIONS	RATED SPEED  3 6  DESCRIPTION  HAND HELD RADAR CERTIFIC	5 M.P.H. 5 M.P.H. RIPTION		2524 Hz 4636 Hz DUE DATE 10/05/2022	
At the completion of the of TUNNING FORK(S)  DESCRIPTION TUNING FORK ONE TUNING FORK TWO Antenna 1 SN: PYT8550 STANDARD(S) USE I.D. MOD MET1231 VOCAR HR MET1232 VOCAR HR WA PROCEDURE(S) US DOCUMENT ID	SUPPLIED WITH THIS DEVICE SERIAL NUMBER  077368 077375  04680, Frequency: 24.19 GHz D FOR CERTIFICATION EL MANUFACTURER DB INNOVATIONS ND DB INNOVATIONS ED FOR CERTIFICATION	RATED SPEED  3 6  DESCRIPTION	5 M.P.H. 5 M.P.H. RIPTION		2524 Hz 4636 Hz DUE DATE 10/05/2022	

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





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ASSET #:		SMD		
AUGE I II.	PYT546004242	SERIAL NUMBER:	PYT54600424	2
MANUFACTURER:	MPH	MODEL NUMBER:	PYTHON III	
DEPARTMENT:	N/A	LOCATION:	TRAFFIC	
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PRO	CEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 202	3
EQUIPMENT CONI At the completion of the	equipment to be "IN TOLERANCE"  DITION AS DELIVERED  calibration, measured values were  SUPPLIED WITH THIS DE	"IN TOLERANCE", as defined b		d above.
DESCRIPTION			FREQUE	Control State of the last of t
TUNING FORK ONE TUNING FORK TWO	978326 978335		5 M.P.H. 5 M.P.H.	2528 H
Antenna 1 SN: PYT315	012002, Frequency: 24.157 GHz			100011
STANDARD(S) US	ED FOR CERTIFICATION			
I.D. MO	DEL MANUFACTURE	R DESCR	RIPTION	DUE DATE
MET1231 VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICA	ATION SYSTEM	10/05/2022
MET1232 VOCAR HR W	AND DB INNOVATIONS	VOCAR HR WAND		10/05/2022
PROCEDURE(S) U	SED FOR CERTIFICATION			
DOCUMENT ID		DESCRIPTION	REV	<b>REV DATE</b>
CP-SMD-001	RADAR AND LIDAR CALIBRATION PROC	PENLIDE	MEM	11/14/2019

LOCATION: ELLENSBURG, WA

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 DATE: Thursday, March 17, 2022



TI CS STATE

ON-SITE CERTIFICATE #: OS3-00327270

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358

PERFORMED BY

## **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.

DESCRIPTION:		SMD					
ASSET #:	PYT546004243	SERIAL NUMBER:_	PYT546004243				
MANUFACTURER:	MPH	MODEL NUMBER:_	PYTHON II				
DEPARTMENT:	N/A	LOCATION:	15-P7				
<b>ENVIRONMENT:</b>	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE				
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 2023				
Initial testing found to EQUIPMENT CO At the completion of	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.						
DESCRIPT	((S) SUPPLIED WITH THIS DEVI						
TUNING FORK ONE	ION SERIAL NUMBER 307534	RATED SPEED	FREQUENCY M.P.H. 2530 Hz				
TUNING FORK TWO	307560		M.P.H. 4694 Hz				
Antenna 1 SN: PYT	315012003, Frequency: 24.149 GHz	Antenna 2 SN: PY	T315018529, Frequency: 24.196 GHz				
STANDARD(S)	JSED FOR CERTIFICATION						
Commence of the Commence of th	MODEL MANUFACTURER	DESCR					
MET1231 VOCAR H		HAND HELD RADAR CERTIFICA					
MET1232 VOCAR H		VOCAR HR WAND	10/05/2022				
PROCEDURE(S	USED FOR CERTIFICATION						
DOCUMENT ID	C	ESCRIPTION	REV REV DATE				
CP-SMD-001	RADAR AND LIDAR CALIBRATION PROCE	DURE	NEW 11/14/2019				
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							

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

F340-1.3/REVISION M

LOCATION:

CALIBRATION DATE:

ELLENSBURG, WA

Thursday, March 17, 2022





ON-SITE CERTIFICATE #: OS3-00327269

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

#### **ELLENSBURG POLICE DEPARTMENT**

100 N. PEARL STREET ELLENSBURG, WA 98926

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DESCRIPTION:		SMD	
ASSET #:	PYT546004244	SERIAL NUMBER:	PYT546004244
MANUFACTURER:	MPH	MODEL NUMBER:	PYTHON III
DEPARTMENT:	N/A	LOCATION:	11-P3
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE
CAL INTERVAL:	12 MONTHS	DUE DATE:_	March 17, 2023
	ITION AS RECEIVED	as defined by the basic accurac	ry 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	290101	35 M.P.H.	2522 Hz
TUNING FORK TWO	290554	65 M.P.H.	4682 Hz

Antenna 1 SN: PYT315012004, Frequency: 24.151 GHz

#### STANDARD(S) USED FOR CERTIFICATION

I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1231	VOCAR HR	DB INNOVATIONS	HAND HELD RADAR CERTIFICATION SYSTEM	10/05/2022
MET1232	VOCAR HR WAND	DB INNOVATIONS	VOCAR HR WAND	10/05/2022

#### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV REV DATE
CP-SMD-001	RADAR AND LIDAR CALIBRATION PROCEDURE	NEW 11/14/2019

#### **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

LOCATION: ELLENSBURG, WA PERFORMED BY CALIBRATION DATE: Thursday, March 17, 2022



PERFORMED BY

ON-SITE CERTIFICATE #: OS3-00327268

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## STANDARD CALIBRATION **ELLENSBURG POLICE DEPARTMENT**

100 N. PEARL STREET ELLENSBURG, WA 98926

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DESCRIPTION:		SMD			
ASSET #:	FF12385	SERIAL NUMBER:	FF12385		
MANUFACTURER:	KUSTOM SIGNALS, INC.	MODEL NUMBER:	FALCON		
DEPARTMENT:	N/A	LOCATION:	N/A		
ENVIRONMENT:	63.0 °F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE		
CAL INTERVAL:	12 MONTHS	DUE DATE:	March 17, 202	23	
EQUIPMENT CO At the completion of t	NDITION AS DELIVERED ne calibration, measured values (S) SUPPLIED WITH THIS				
TUNING FORK ONE	748500		5 M.P.H.	4704 H	
TUNING FORK TWO Antenna 1 SN: HANI	N/A PHELD, Frequency: 24.178 GHz				
STANDARD(S) U	SED FOR CERTIFICATION	١	RIPTION	DUE DATE	
MET1231 VOCAR HR		HAND HELD RADAR CERTIFIC		10/05/2022	
MET1232 VOCAR HR	WAND DB INNOVATIONS	VOCAR HR WAND		10/05/2022	
PROCEDURE(S) DOCUMENT ID	USED FOR CERTIFICATION	ON DESCRIPTION	REV	REV DATE	
CP-SMD-001	RADAR AND LIDAR CALIBRATION		NEW		
CERTIFICATION	NOTES				

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

LOCATION:

CALIBRATION DATE: Thursday, March 17, 2022

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Page 1 of 1

ELLENSBURG, WA





**PERFORMED BY** 

ON-SITE CERTIFICATE #: OS3-00327267

# CERTIFICATE OF CALIBRATION

### STANDARD CALIBRATION

#### **ELLENSBURG POLICE DEPARTMENT**

100 N. PEARL STREET ELLENSBURG, WA 98926

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DESCRIPTION:			SMD			
ASSET #:	F	F12396	SERIAL NUMBER:		FF12396	
MANUFACTURER:	KUSTOM	SIGNALS, INC.	MODEL NUMBER:		FALCON	
DEPARTMENT:		N/A	LOCATION:	LOCATION: N/A		
ENVIRONMENT:	63.0 °	F/65.0 %RH	BASIC ACCURACY:	REFERENCE CAL PROCEDURE		
CAL INTERVAL:	12	MONTHS	DUE DATE:	March 17, 2023		
<b>EQUIPMENT CON</b>	NDITION AS I	DELIVERED				
TUNNING FORK	S) SUPPLIED	WITH THIS DEVIC		y the basic ac		
TUNNING FORK(  DESCRIPTIO  TUNING FORK ONE	S) SUPPLIED N 24639	WITH THIS DEVIC SERIAL NUMBER	E RATED SPEED	y the basic ac	curacy stated	
TUNNING FORK()  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO	S) SUPPLIED N 24639 N/A	WITH THIS DEVIC SERIAL NUMBER	E RATED SPEED			NCY
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND	S) SUPPLIED N 24639 N/A HELD, Frequer	O WITH THIS DEVIC SERIAL NUMBER ncy: 24.17 GHz	E RATED SPEED			NCY
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US	S) SUPPLIED N 24639 N/A HELD, Frequer	O WITH THIS DEVIC SERIAL NUMBER ncy: 24.17 GHz	RATED SPEED 50			NCY
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US  I.D. M  MET1231 VOCAR HR	S) SUPPLIED  24639 N/A  HELD, Frequer  SED FOR CE  ODEL	D WITH THIS DEVIC SERIAL NUMBER ncy: 24.17 GHz RTIFICATION MANUFACTURER B INNOVATIONS	RATED SPEED  50  DESCR	M.P.H.		NCY 3666 Hz
TUNNING FORK(  DESCRIPTIO  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US  I.D. M  MET1231 VOCAR HR  MET1232 VOCAR HR	S) SUPPLIED N 24639 N/A HELD, Frequer SED FOR CE ODEL DI WAND DI	NITH THIS DEVICE SERIAL NUMBER  THE SERIAL NUMBER	RATED SPEED 50	M.P.H.		NCY 3666 Hz DUE DATE
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US  I.D. M  MET1231 VOCAR HR	S) SUPPLIED  A 24639  N/A  HELD, Frequer  SED FOR CE  ODEL  DI  WAND  DI	NITH THIS DEVICE SERIAL NUMBER  THE SERIAL NUMBER	RATED SPEED  50  DESCR	M.P.H.		3666 Hz  DUE DATE 10/05/2022
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US  I.D. M  MET1231 VOCAR HR  MET1232 VOCAR HR  PROCEDURE(S) IS  DOCUMENT ID	S) SUPPLIED  24639 N/A  HELD, Frequer  SED FOR CE  ODEL  WAND  DI  USED FOR C	WITH THIS DEVICE SERIAL NUMBER  THE SERIAL NUMBER	PATED SPEED  50  DESCR  HAND HELD RADAR CERTIFICATION  SCRIPTION	M.P.H.		3666 Hz  DUE DATE 10/05/2022
TUNNING FORK(  DESCRIPTION  TUNING FORK ONE  TUNING FORK TWO  Antenna 1 SN: HAND  STANDARD(S) US  I.D. M  MET1231 VOCAR HR  MET1232 VOCAR HR  PROCEDURE(S)	S) SUPPLIED  24639 N/A  HELD, Frequer  SED FOR CE  ODEL  WAND  DI  USED FOR C	O WITH THIS DEVICE SERIAL NUMBER  THE SERIAL NUMBER	PATED SPEED  50  DESCR  HAND HELD RADAR CERTIFICATION  SCRIPTION	M.P.H.	FREQUEN	3666 Hz  DUE DATE 10/05/2022 10/05/2022

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F540-1.3/REVISION M

LOCATION:

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