



Day Management Corporation dba Day Wireless Systems
2902 Hewitt Avenue, Everett, WA 98201
Tel: 425-258-0554-Fax: 425-258-2949

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KIRKLAND
MUNICIPAL COURT

**CERTIFICATE CONCERNING DESIGN AND CONSTRUCTION
OF ELECTRONIC SPEED MEASURING DEVICES
IRLJ RULE 6.6 EFFECTIVE 1/3/2006**

I, **Tomas Wren**, do certify under penalty of perjury as follows:

I am employed with **DAY WIRELESS SYSTEMS**. My duties include supervising the maintenance and repair of Doppler and Laser speed measuring devices (SMD's) used by the **Woodinville Police Department 2 Year Cal Cycle**

<u>Manufacturer</u> Kustom	<u>LIDAR Model</u> Pro-Lite +	<u>Serial Number</u> LP05663
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I have the following qualifications with respect to the above stated SMD:

I have 7 years of experience working in the electronics and telecommunications industry in the public and private sectors. At this time, I have installed, optimized, and maintained an array of public safety and military radio systems. I have an FCC GROL license (PG00073056) and Marine Radio Operator Permit (MP00051847). I have been trained in the use and calibration procedures of both Stationary and moving Doppler radar. I have been trained in the use and calibration procedures for LIDAR SMDs.

Day Wireless Systems maintains manuals for the above stated SMD's. I am personally familiar with those manuals and how the SMD is designed and operated. All initial testing of this SMD was performed under my direction. I evaluated this unit and found it to meet or exceed existing performance standards.

The Laser Program specifies: Test Procedures consisting if (1) Self-test, initialization, and display, (2) Scope alignment test is performed by aiming at a prominent target with definitive horizontal and vertical edges. A change in the pitch of the test tone when panning over the edges of test target indicates alignment accuracy. (3) Fixed distance/Zero velocity and Delta distance tests are performed with 150' and 175' accurately measured reflective targets. (4) Reference frequency test is measured through connection of the Laser SMD download port to a frequency counter, which measures the actual timing accuracy of the SMD.

The SMD listed above was tested and calibrated for accuracy on **October 14, 2022**.

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology.

Based upon my education, training, experience, and knowledge of the SMD listed above, it is my opinion that it is so designed and constructed as to accurately employ measurement techniques based on the velocity of light in such a way that it will give accurate measurements of the speed of motor vehicles when properly calibrated and operated by a trained operator.

Certified by: **Tomas Wren**
Place: **Everett, Washington**

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **November 16**, 2022 by **Tomas Wren**

MARSHA SLYTER
Notary Public
State of Washington
License Number 21001184
My Commission Expires
December 03, 2024

Marsha Slyter
NOTARY PUBLIC in and for the State of
Washington, residing in SeaTac. My
Appointment expires December 03, 2024

Day Management Corporation dba Day Wireless Systems ~ 4700 SE International Way, Milwaukie OR 97222
Phone: 503-659-1240 / Fax: 503-659-4723

Woodinville Police Department
 2 Year Cal Cycle
 Date Calibrated 10/14/22
 Date due for Calibration 10/14/24

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<u>Manufacturer</u>	<u>Model</u>	<u>S/N</u>	<u>Value</u>	<u>Vehicle/Unit</u>	<u>Notes</u>
Applied Concepts	Stalker Patrol	EC001679			
	Antenna	EB001882	24.149 GHz		
	Antenna	EB001884	24.157 GHz		
	25.25 MPH Tuning Fork	FD100269	1728 Hz		
	40.25 MPH Tuning Fork	FE200195	2906 Hz		
Kustom	Pro-Lite +	LP05663			Pass
Kustom	Pro-Lite	LP02404			Pass
Applied Concepts	Stalker LIDAR	LD079541			Pass
Kustom	Talon	T04647	35.504 GHz		
	55 MPH Tuning Fork	9010	5906 Hz		
Kustom	HR-12	AA7752	24.146 GHz		
	35 MPH Tuning Fork	59070	2540 Hz		
	65 MPH Tuning Fork	57196	4716 Hz		
Kustom	Golden Eagle	XE03902			
	Antenna	DE09760	34.757 GHz		
	Antenna	DE10009	34.698 GHz		
	25 MPH Tuning Fork	004455	2610 Hz		
Kustom	40 MPH Tuning Fork	002030	4184 Hz		
	Pro-Lite +	LP05699			PASS
Kustom	Pro-1000DS	DS12827			
	Antenna	LA23979	24.169 GHz		
	Antenna	LA23983	24.175 GHz		
	35 MPH Tuning Fork	16453	2532 Hz		
	65 MPH Tuning Fork	16947	4700 Hz		
Kustom	Pro Laser 4	LF02140			PASS

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Manufacturer	Model	S/N	Value	Vehicle/Unit	Notes
Applied Concepts	Stalker Patrol	EC001663			
	Antenna	EB001919	24.149 GHz		
	Antenna	EB001472	24.157 GHz		
	25.25 MPH Tuning Fork	FD100227	1796 Hz		
	40.25 MPH Tuning Fork	FE200205	2904 Hz		
Kustom	Talon Directional	DT04828	35.497 GHz		
	55 MPH Tuning Fork	58192	5496 Hz		
Applied Concepts	Stalker Dual	DC103982			
	Antenna	KC041365	34.708 GHz		
	Antenna	KC041406	34.716 GHz		
	25.25 MPH Tuning Fork	FA187691	2618 Hz		
	40.25 MPH Tuning Fork	FB289294	4176 Hz		