DAY WIRELESS SYSTEMS
Day Management Corporation dba Day Wireless Systems
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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 2YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
Kustom	**Talon Directional** **55 MPH Tuning Fork**	**DT04828** **58192**

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 radars.

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 have evaluated this unit and found it to meet or exceed existing performance standards.

The Doppler program specifies: Test procedures consisting of utilizing a precision Transmitter/Receiver (VOCAR HR). The above unit tuning fork/s is tested. The MPH plus output frequency of the fork/s is displayed and recorded for accuracy. In the stationary mode a single frequency is introduced to simulate target speed. In the moving mode two frequencies are introduced simultaneously to simulate target and patrol speeds. Utilizing precision mixer test unit (VOCAR HR WAND) the frequency output/s of the listed SMD is measured for accuracy. Operational tests consist of power up, lamp test, ICT, Squelch, day/night, lock, remote, lock/release/hold, audio, low voltage, range, opp/same lane and fast mode. Above tests are recorded on a Performance report and provided for the above agency.

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: In compliance and 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 the Doppler effect 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 in and for the State of Washington, residing in SeaTac. My Appointment expires December 03, 2024

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

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

Manufacturer	Model	S/N	Value	Vehicle/Unit	Notes
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		
	40 MPH Tuning Fork	002030	4184 Hz		
Kustom	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		