



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

Vancouver Police Dept.  
 605 E. Evergreen Blvd.  
 Vancouver, WA 98661

Inventory # 491820

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

I, **Les J. Boyd**, 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 **VANCOUVER POLICE DEPT.** **2YR CAL CYCLE**

<u>Manufacturer</u>	<u>RADAR Model</u>	<u>Serial Number</u>
<b>KUSTOM</b>	<b>GOLDEN EAGLE II</b>	<b>XE35817</b>
	<b>ANTENNA</b>	<b>DE69527</b>
	<b>ANTENNA</b>	<b>DE69526</b>
	<b>30 MPH TUNING FORK</b>	<b>24294</b>
	<b>55 MPH TUNING FORK</b>	<b>24380</b>

I have the following qualifications with respect to the above stated SMD:

Washington Technical Institute for Radio/Electronics, Bell & Howell for Electronics and Advanced Schools Incorporated for Automotive/Electronics, plus numerous courses pertaining to communications and electronics through GTE/Verizon, 30 years of experience in repair, maintenance, and calibration of electronic products. Successfully completed the MPH Industry factory training course on moving and stationary Doppler SMD's and completed factory service training courses on repair/calibration of the Laser Technologies INC. (LTI) Lidar products.

Our company maintains manuals for the above stated SMD. 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 Doppler program specifies:** Test procedures consisting of utilizing a precision Transmitter/Receiver (VOACR 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 consists 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 **JULY 24, 2019**.

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracy's 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.

*Les J. Boyd*  
 Certified by: Les J. Boyd  
 Place: Everett, Washington

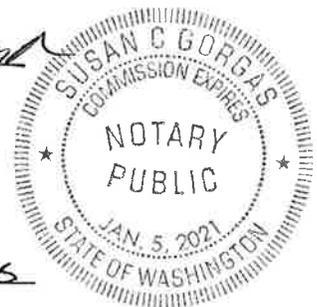
STATE OF WASHINGTON )  
 )  
 County of Snohomish ) ss.

Signed or attested before me on **JULY 30, 2019** by Les J. Boyd  
 Kustom Golden Eagle IIX Radar



4788

*Susan C. Gorgas*  
 Susan C. Gorgas  
 NOTARY PUBLIC in and for the State of  
 Washington, residing in Everett. My MP  
 Appointment expires January 5, 2021.





2902 HEWITT AVENUE  
 EVERETT, WA 98201-3822  
 www.daywireless.com  
 (425) 258-0554

# SMD PERFORMANCE REPORT RADAR

*2yr Cal Cycle*

CUSTOMER	VANCOUVER PD	MANUFACTURER	KUSTOM	BAND	KA	CUSTOMER NO.	17356	
ADDRESS		MODEL NUMBER	Golden Eagle			JOB TICKET	491820	
CITY		UNIT SERIAL NUMBER	XE 35713			DATE REC'D	7.26.19	
STATE		ANTENNA SERIAL #	DE 69262	ANTENNA SERIAL #	DE 69263	DATE CAL'D	7.26.19	
TEL		FREQUENCY GHZ	35.520	FREQUENCY GHZ	35.560	ASSET NUMBER	7.26.21	
REASON FOR SERVICE	ROUTINE CALIBRATION <input checked="" type="checkbox"/>	PERFORMANCE TESTS						
		PASS						
		LAMP TEST <input checked="" type="checkbox"/>						
		ICT <input checked="" type="checkbox"/>						
		SQUELCH <input checked="" type="checkbox"/>						
		DAY/NIGHT <input checked="" type="checkbox"/>						
		LOCK/REL <input checked="" type="checkbox"/>						
		PATROL BLANKING <input checked="" type="checkbox"/>						
		AUDIO <input checked="" type="checkbox"/>						
		LOW VOLTAGE <input checked="" type="checkbox"/>						
		RANGE <input checked="" type="checkbox"/>						
		RFI <input checked="" type="checkbox"/>						
		HOLD/STBY <input checked="" type="checkbox"/>						
		REMOTE <input checked="" type="checkbox"/>						
		COHESION DET. <input checked="" type="checkbox"/>						
		SAME LANE <input checked="" type="checkbox"/>						
COMMENTS	SPEED ACCURACY							
		SENSITIVITY		PASS		PASS <input checked="" type="checkbox"/>		
		PASS		<input checked="" type="checkbox"/>				
		STATIONARY		PASS		PASS <input checked="" type="checkbox"/>		
		MOVING		PASS		PASS <input checked="" type="checkbox"/>		
		TUNING FORK						
		MPH 30	SN 23504	HZ 3190				
		MPH 55	SN 23810	HZ 5896				
		TECHNICIAN SIGNATURE <i>Jan I. Boyd</i>						

*Could be Specs!*