



DAY WIRELESS SYSTEMS
2902 Hewitt Avenue
Everett, Washington 98201
(425) 258-0554
Inventory # 338067

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 LYNWOOD POLICE DEPARTMENT.

Table with 3 columns: Manufacturer (KUSTOM), Model (FALCON 50 MPH Tuning Fork), Serial Number (FF17575 14738)

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, trained by a State licensed technician. Thirty years experience in repair, maintenance, and calibration of electronic products.

Day Wireless Systems maintains manuals for the above stated SMD. I am personally familiar with those manuals and how the SMD is designed and operated. On JULY 1, 2013, I, Les J. Boyd, performed testing of the above SMD.

The Doppler program specifies: test procedures consisting of utilizing precision signal generators, connected to a factory waveguide assembly via coaxial cable; to simulate speeds at 5 mph increments from 20mph to 120mph to verify accuracy.

The Laser SMD sends out a series of much focused light wave pulses each time the trigger is pulled and utilizes two laws of physics, time and distance (i.e. 3.5 feet in diameter at 1000 feet). Since the speed of light is a known value, the distance of the target can be determined by calculating how long it takes for the signal to travel to the target and back.

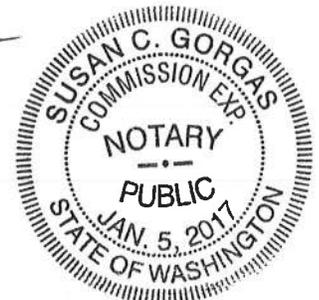
Based upon my education, training, experience, and knowledge of the SMD listed above, it is my opinion that each of these pieces of equipment is so designed and constructed as to accurately employ the Doppler effect in such a way that it will give accurate measurements of the speed of motor vehicles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

Signature of 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 1, 2013 by Les J. Boyd

Signature of Susan C. Gorgas
Susan C. Gorgas
NOTARY PUBLIC in and for the State of Washington, residing in Everett. My Appointment expires January 5, 2017.





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

SMD PERFORMANCE REPORT RADAR

CUSTOMER: <i>Lyndwood PD</i>		MANUFACTURER: <i>Custom</i>	BAND: <i>K</i>	CUSTOMER NO. <i>K361</i>
ADDRESS:		MODEL NUMBER: <i>FALCON</i>	JOB TICKET: <i>338067</i>	
CITY:	STATE:	UNIT SERIAL NUMBER: <i>FF17575</i>	DATE RECD: <i>7-1-13</i>	DATE CAL'D: <i>7-1-13</i>
ATTN:	TEL:	ANTENNA SERIAL #:	ASSET NUMBER:	DUE DATE: <i>7-1-14</i>
REASON FOR SERVICE: <input checked="" type="checkbox"/> ROUTINE CALIBRATION		FREQUENCY GHZ: <i>21.157</i>	FREQUENCY GHZ:	PERFORMANCE TESTS: <i>PASS</i>
COMMENTS:		SPEED ACCURACY		
MEETS MFR. SPECS. <input checked="" type="checkbox"/>		STATIONARY <input checked="" type="checkbox"/> MOVING <input type="checkbox"/>		
TUNING FORK		PASS <input checked="" type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
MPH <i>50</i> SN <i>14738</i>		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
MPH SN		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
HZ <i>3651</i>		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
RFI		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
HOLD/STBY		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
REMOTE		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
COHESION DET.		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
SAME LANE		PASS <input type="checkbox"/> SENSITIVITY <input type="checkbox"/>		
TECHNICIAN SIGNATURE: <i>Joe P. Boyd</i>				

RECEIVED  
 JUL 1 2013  
 TELECOMMUNICATIONS  
 DIVISION