DAY WIRELESS SYSTEMS

FILED
APR 24 2013
LYNNWOOD MUNICIPAL COURT

DAY WIRELESS SYSTEMS
2902 Hewitt Avenue
Everett, Washington 98201
(425) 258-0554
INV # 332757

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.**

Manufacturer	Model	Serial Number
APPLIED CONCEPTS	**STALKER LIDAR XLR**	**LF001151**

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. Successfully completed the MPH Ind. Factory training on the moving and stationary Doppler SMD's and was trained by a certified SMD technician on repair/calibration of the Laser Technologies INC. (LTI) Lidar 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 **APRIL 22, 2013,** I, Les J. Boyd, performed testing of the above SMD. The unit was evaluated to meet or exceed existing performance standards. Day Wireless Systems maintains a testing and certification program of this SMD.

The Laser Program specifies: Test Procedures consisting of **(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. 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 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 manner 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)
) ss.
County of Snohomish)

Signed or attested before me on **APRIL 22, 2013** by Les J. Boyd

SUSAN C. GORGAS
COMMISSION EXP.
NOTARY
PUBLIC
JAN. 5, 2017
STATE OF WASHINGTON

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

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

CUSTOMER: Lynnwood PD	MANUFACTURER: Applied Concepts	CUSTOMER NO. K361
ADDRESS:	MODEL: STALKER LIDA XLR	JOB TICKET 332757
CITY: STATE: ZIP:	UNIT SERIAL #: LF001151	DATE RECV'D: 4.22.13 / DATE CAL'D: 4.22.13
ATTN: PHONE:	ACCESSORIES: 2 Grips / charger	DUE DATE 4.22.14

REASON FOR SERVICE: ROUTINE CAL ☑

New Unit

COMMENTS: MEETS MFR SPECS ☑

Cald to Specs

Field Tested

FUNCTION AND CALIBRATION TESTS

		PASS
INITIALIZATION AND DISPLAY TEST		☑
SCOPE ALIGNMENT TEST		☑
FIXED DISTANCE / ZERO VELOCITY TEST		☑
DELTA DISTANCE TEST		☑
REFERENCE FREQUENCY	FS	☑
OPTICAL OUTPUT POWER	FS/OK	☑

Designed to meet FDA eyesafe requirements

classified as eye-safe to class 1 limits.

TECHNICIAN SIGNATURE: Jerry L Boyd