



KIRKLAND POLICE DEPARTMENT

TRAFFIC DIVISION

FILED

DEC - 4 2020

KIRKLAND
MUNICIPAL COURT

CERTIFICATION OF VEHICLE SPEEDOMETERS

Lidar Unit: Kustom Signals Pro-Lite+ #LP03383

Tuning forks: N/A

DATE/TIME: 9/30/2020 @ 1233 hrs

LIDAR OPERATOR: Ofc. Shepard #607

PATROL UNIT OPERATOR: Ofc. Spak #364

LOCATION: 10000 block of Slater Ave NE

P141

On the above date and time while employed by the City of Kirkland, certified Police Officer **Shepard** was using the above speed measuring device to certify the speedometer of Unit, P141 VIN# 1FM5K8AR9EGC38595. The Lidar unit is handheld, optically aimed and used in the stationary mode. **Officer Shepard** has been instructed on the use of Lidar units and is qualified to set up, test, and operate this Lidar unit (copy of certification on file with training unit).

During the certification of Unit **P141**, **Officer Shepard** was able to isolate the Patrol unit which was traveling at a constant speed: 30 MPH on first test and 40 MPH on second test. There were no other vehicles in the vicinity at the time of the tests. The Lidar unit was operating properly and it gave **Officer Shepard** a clear and fast staccato tone, indicating proper aiming of the unit. The Lidar unit then gave a clear and solid "target Acquisition" tone. No low battery warning was heard and RFI was not detected. **Officer Shepard** verified the Lidar unit was operating properly before and after the test by conducting an internal light check, internal circuitry check, and sight alignment test. **Officer Shepard** also tested the unit's range capabilities on an established calibrated range testing area. Range test distances used were 50ft., 75ft., and 180ft. These measurements were obtained using a steel tape measure.

PATROL Unit **P141** was operated by **Officer Spak**, a certified Police Officer with the City of Kirkland. **Officer Spak** was in radio contact with **Officer Shepard**. At the time that **Officer Spak** had the vehicle's speedometer maintained at first 30 MPH on the first test, and then 40 MPH on the second test, he notified **Officer Shepard** by radio. **Officer Shepard** took a Lidar reading at the moment **Officer Spak** gave a verbal notice over the radio. **Officer Spak** maintained the constant speed of first 30 MPH and then 40 MPH beyond the time required by **Officer Shepard** to obtain an accurate reading. Vehicle mileage: 95,446 at time of certification.

I certify or declare under the penalty of perjury under the laws of the state of Washington that the foregoing is true and correct.

Officer:

Date: 9/30/2020 Kirkland, Washington

Officer:

Date: 9/30/2020 Kirkland, Washington

Check Speed	LIDAR Speed	Officer # Initial	Vehicle Speed	Officer # Initial	Date/time	LIDAR
30 mph	30mph 188ft	607	30mph	364	9/30/2020 1233 hrs	Kustom Signals Pro-Lite+ #LP03383
40 mph	40mph 516ft	607	40mph	364	9/30/2020 1234 hrs	Kustom Signals Pro-Lite+ #LP03383