

## KIRKLAND POLICE DEPARTMENT LED TRAFFIC DIVISION

## CERTIFICATION OF VEHICLE SPEEDOMETERS

Lidar Unit: Kustom Signals Pro Laser #LF03664

Tuning forks: N/A

DATE/TIME: 10/18/2020 @ 2159 hrs LIDAR OPERATOR: Ofc Jackson #637

PATROL UNIT OPERATOR: Ofc. Hopkins #369 LOCATION: 10000 block of Slater Ave NE

P181

On the above date and time while employed by the City of Kirkland, certified Police Officer Jackson was using the above speed measuring device to certify the speedometer of Unit, P181 VIN# 1FM5K8ARXKGA31788. The Lidar unit is handheld, optically aimed and used in the stationary mode. Officer Jackson 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 P181, Officer Jackson 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 Jackson 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 Jackson 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 Jackson 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 P181 was operated by Officer Hopkins, a certified Police Officer with the City of Kirkland. Officer Hopkins was in radio contact with Officer Jackson. At the time that Officer Hopkins 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 Jackson by radio. Officer Jackson took a Lidar reading at the moment Officer Hopkins gave a verbal notice over the radio. Officer Hopkins maintained the constant speed of first 30 MPH and then 40 MPH beyond the time required by Officer Jackson to obtain an accurate reading. Vehicle mileage: 25,879 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.

Date: 10/18/2020 Kirkland, Washington

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Check Speed	LIDAR Speed	Officer # Initial	Vehicle Speed	Officer # Initial	Date/time	LIDAR
30 mph	30mph 221ft	637 PJ	30mph	369 76	10/18/2020 2159 hrs	Kustom Signals Pro-Lite+ #LP03383
40 mph	40mph 554ft	637 PX	40mph	369 <b>D</b> b	10/18/2020 2202 hrs	Kustom Signals Pro-Lite+ #LP03383

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