



KIRKLAND POLICE DEPARTMENT

TRAFFIC DIVISION

FILED
FEB 11 2020
KIRKLAND
MUNICIPAL COURT

CERTIFICATION OF VEHICLE SPEEDOMETERS

Lidar Unit: Kustom Signals Pro-Lite+ #LP03383

Tuning forks: N/A

DATE/TIME: 09/19/2019 @ 1111 hrs

LIDAR OPERATOR: Sgt. Michael Vickers #386

MOTORCYCLE UNIT OPERATOR: Ofc. Spak #364

LOCATION: 10000 block of Slater Ave NE

P126

On the above date and time while employed by the City of Kirkland as a certified Police Officer **Vickers** was using the above speed measuring device to certify the speedometer of Unit, P126 VIN# JH2SC5177BK700010. The Lidar unit is handheld, optically aimed and used in the stationary mode. **Sergeant Vickers** 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 **P126**, **Sergeant Vickers** 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 **Sergeant Vickers** 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. **Sergeant Vickers** 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. **Sergeant Vickers** 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.

MOTORCYCLE Unit **P126** was operated by **Officer Spak**, a certified Police Officer with the City of Kirkland. **Officer Spak** was in radio contact with **Sergeant Vickers**. 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 **Sergeant Vickers** by radio. **Sergeant Vickers** 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 **Sergeant Vickers** to obtain an accurate reading. Vehicle mileage: 52,740 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.

Sergeant:  Date: 09/19/2019 Kirkland, Washington

Officer:  364 Date: 09/19/2019 Kirkland, Washington

Check Speed	LIDAR Speed	Officer # Initial	Vehicle Speed	Officer # Initial	Date/time	LIDAR
30 mph	30mph 147ft	364 <i>EPS</i>	30mph	386 <i>MV</i>	09/19/2019 1111 hrs	Kustom Signals Pro-Lite+ #LP03383
40 mph	40mph 158ft	364 <i>EPS</i>	40mph	386 <i>mr</i>	09/19/2019 1112 hrs	Kustom Signals Pro-Lite+ #LP03383