



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 @ 1635 hrs

LIDAR OPERATOR: Ofc. Spak #364

PATROL UNIT OPERATOR: Ofc. Shepard #607

LOCATION: 10000 block of Slater Ave NE

P171

On the above date and time while employed by the City of Kirkland, certified Police Officer **Spak** was using the above speed measuring device to certify the speedometer of Unit, P171 VIN# 1FM5K8AR5HGD60133. The Lidar unit is handheld, optically aimed and used in the stationary mode. **Officer Spak** 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 **P171**, **Officer Spak** 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 Spak** 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 Spak** 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 Spak** 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 **P171** was operated by **Officer Shepard**, a certified Police Officer with the City of Kirkland. **Officer Shepard** was in radio contact with **Officer Spak**. At the time that **Officer Shepard** 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 Spak** by radio. **Officer Spak** took a Lidar reading at the moment **Officer Shepard** gave a verbal notice over the radio. **Officer Shepard** maintained the constant speed of first 30 MPH and then 40 MPH beyond the time required by **Officer Spak** to obtain an accurate reading. Vehicle mileage: 65,093 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 302ft | 364 GPS | 30mph | 607 PS | 9/30/2020 1635 hrs | Kustom Signals Pro-Lite+ #LP03383 |
| 40 mph | 40mph 534ft | 364 GPS | 40mph | 607 PS | 9/30/2020 1637 hrs | Kustom Signals Pro-Lite+ #LP03383 |