KIRKLAND POLICE DEPARTMENT
TRAFFIC DIVISION

CERTIFICATION OF VEHICLE SPEEDOMETERS

Lidar Unit: Kustom Signals Pro-Lite+ #LP03383
Tuning forks: N/A

P171

DATE/TIME: 09/25/2019 @ 1420 hrs
LIDAR OPERATOR: Ofc. Spak #364
PATROL UNIT OPERATOR: Sgt. Eric Karp #354
LOCATION: 10000 block of Slater Ave NE

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 **Sergeant Karp** , a certified Police Officer with the City of Kirkland. **Sergeant Karp** was in radio contact with **Officer Spak** . At the time that **Sergeant Karp** 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 **Sergeant Karp** gave a verbal notice over the radio. **Sergeant Karp** 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: 41,016 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: E KARP Date: 09/25/2019 Kirkland, Washington

Officer: [signature] Date: 09/25/2019 Kirkland, Washington

Check Speed	LIDAR Speed	Officer # Initial	Vehicle Speed	Officer # Initial	Date/time	LIDAR
30 mph	30mph 333ft	364 GPS	30mph	354 EK	09/25/2019 1420 hrs	Kustom Signals Pro-Lite+ #LP03383
40 mph	40mph 504ft	364 GPS	40mph	354 EK	09/25/2019 1423 hrs	Kustom Signals Pro-Lite+ #LP03383