



# KIRKLAND POLICE DEPARTMENT TRAFFIC DIVISION

**FILED**  
OCT 21 2021  
KIRKLAND  
MUNICIPAL COURT

## CERTIFICATION OF VEHICLE SPEEDOMETERS

**Lidar Unit:** Kustom Signals Pro-Lite+ #LP03382

**Tuning forks:** N/A

DATE/TIME: 09/28/2021 @ 1349 hrs  
LIDAR OPERATOR: Ofc Jackson #637  
PATROL UNIT OPERATOR: Ofc. King #349  
LOCATION: 11000 block of 98<sup>th</sup> AVE NE


**P182**

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, P182** VIN# 1FM5K8AR8KGB15625. 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 P182**, **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 **P182** was operated by **Officer King**, a certified Police Officer with the City of Kirkland. **Officer King** was in radio contact with **Officer Jackson**. At the time that **Officer King** 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 King** gave a verbal notice over the radio. **Officer King** 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: 53,227 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: 09/28/2021 Kirkland, Washington

Officer: R. KING Date: 09/28/2021 Kirkland, Washington

Check Speed	LIDAR Speed	Officer # Initial	Vehicle Speed	Officer # Initial	Date/time	LIDAR
30 mph	30mph 172ft	637 	30mph	349 RK	09/28/2021 1349 hrs	Kustom Signals Pro-Lite+ #LP03382
40 mph	40mph 494ft	637 	40mph	349 RK	09/28/2021 1351 hrs	Kustom Signals Pro-Lite+ #LP03382