



Mercer Island Municipal Court

RADAR UNIT # Kustom Pro Laser 4 LF29885

TUNING FORK(S):

I am the custodian of the Radar Certification records for Mercer Island Municipal Court. I certify that I maintain the above referenced record pursuant to RCW 5.44. My initials appear below the stamp on the radar certificate indicating it is kept as a public record.

I maintain under penalty of perjury under the laws of the State of Washington that the above statements are true and accurate to the best of my knowledge.

Sabina Chang
Court Clerk
Mercer Island Municipal Court

Dated this 15th day of June 2025.

Mercer Island Municipal Court
12835 Newcastle Way, Suite 301 Newcastle, WA 98056
206.275.7604 * fax 206.275.7980

**CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF THE LIDAR LASER, (LIGHT DETECTION AND RANGING);
A SPEED MEASURING DEVICE, (SMD)**

FILED

JUN 10 2026

**MERCER ISLAND
MUNICIPAL COURT**

**STATE OF WASHINGTON)
COUNTY OF KING)**

I, Edward E. Cole, swear under penalty of perjury of the laws of the State of Washington, **that the following is true and correct:**

- 1) I am employed by, and proprietor of, Wescom Communications located at 14760 Starr Rd. SE, Olalla Washington, 98359, (206) 579-6690; wescom500@msn.com
- 2) In this employment, I maintain, repair, calibrate and certify the accuracy of electronic speed measuring devices; (SMD's), Lidar Laser, and Radar.
- 3) Wescom is retained by the **City of Mercer Island Police Department** to maintain, repair, calibrate, and certify the accuracy of electronic speed measuring devices.
- 4) I have the following education, experience and qualifications with respect to maintaining, repairing, calibrating and certifying speed measuring devices:
 - a) I hold a Federal Communications Commission license with, a radar endorsement; dated August 1984, license #PG-14-1247.
 - b) I have successfully completed a two (2) year course at Clover Park Vocational Technical College and hold a Land, Mobile, Marine Communications certificate, dated July 1985.
 - c) I have successfully completed a Lidar Laser manufacturer's course and training which encompassed design, construction, repair, maintenance, calibration, and certification of the Lidar Laser speed measuring device, and received a Kustom Signals certificate dated November 1997.
 - d) I have successfully completed a radar Manufacturer's training course which encompassed the design and construction of radar instruments, the repair, maintenance, calibration and certifying of speed measuring devices, and hold Kustom Traffic Radar Safety Systems certificates from 1987 and 1997.
 - e) I have accumulated over 38 years and approximately (30,000) hours in repair, maintenance, calibration and certification of speed measuring devices, as of the date of this affidavit.
- 5) Wescom Communications is an authorized service center for speed measuring devices, and as a course of business, maintain service manuals for the Lidar Laser, of which I am personally familiar, and make these available for inspection, upon request, at the above office address, for any contest of a notice of infraction.
- 6) Through education, experience, and training, I am personally familiar with the design, construction, and operation of these speed measuring devices. In regard to the Lidar Laser, it is designed and constructed so as to accurately and reliably employ measurement techniques based on the velocity of light as a constant in such manner that each Lidar Laser speed measuring device will give accurate and reliable measurements of the speed of motor vehicles when used by a trained operator.

- 7) Wescom maintains a quality assurance testing, calibration, and certification program wherein each speed measuring device is routinely inspected and tested every 12 months by the following means;
- a) *Self-calibration Test*; wherein each instrument's self calibration is verified during the initial power on and when the self-test switch is activated,
 - b) *Scope Alignment Test*, wherein each instrument's scope aiming reticle is verified to be aligned with the Lidar Laser beam at all target distances,
 - c) *General Operation and Maintenance Check*, wherein each instrument's display and all function controls are tested for accurate operation,
 - d) *Range Accuracy Test*, wherein each instrument's range measurements are verified to be accurate to plus (+) or minus (-) six inches,
 - e) *Speed Accuracy Test*, wherein each instrument's speed readings are compared to speed readings received and displayed by a calibrated Doppler radar speed measuring device, (**Wescom's Kustom Trooper KK19794 that I personally calibrated and certified for accuracy on 01-05-2026 and 06-04-2026**), and that these speed readings are taken simultaneously on an isolated lone targeted motor vehicle and the speed ready accuracy was within (+) or (-) one mile per hour by comparison,
 - f) *Display Test*, where each instrument's display segments are verified accurate,
 - g) *Audio Test*, wherein each instrument's audio output is verified,

8) The Lidar Laser speed measuring device listed below was submitted to Wescom Communications by the **City of Mercer Island Police Department**, to be tested and evaluated by the quality assurance program noted above, and pursuant to that request, I Edward E. Cole, performed all of the program tests, and found that this speed measuring device/radar met or exceeded existing performance standards;

9) Based upon my education, training and experience, and my knowledge of the Lidar Laser speed measuring device listed below, it is my opinion that this instrument is so designed and constructed as to accurately and reliably employ measurement techniques based on the velocity of light as a constant, in such a manner that each Lidar Laser speed measuring device will give accurate measurements of the speed of motor vehicle when properly tested and operated by trained operator with an accuracy of plus (+) or minus (-) one mile per hour.

Kustom Pro Laser III PL27458.

Test Date 01-05-2026.

Kustom Pro Laser III PL33121.

Test Date 01-05-2026.

Kustom Pro Laser 4 LF29885.

Test Date 06-04-2026.

**STATE OF WASHINGTON
COUNTY OF KITSAP**

THIS DOCUMENT IS MAINTAINED
AS A PUBLIC RECORD
IN ACCORDANCE WITH RCW 5.44.

Signature: Edward E. Cole ,

Printed Name: Edward E. Cole

Date and place: 6-4-2026 , Olalla, Washington.



1010 WEST CHESTNUT, PO BOX 947 CHANUTE, KS 66720-0947

CERTIFICATE OF ACCURACY and CALIBRATION

This is to certify that on the 14th day of June, 2025, the instrument listed below was tested and found to meet the manufacturer's specifications of accuracy,

Manufacturer: Kustom Signals, Inc.

Model: ProLaser 4

Serial Number LF29885

Oscillator frequency measure 19.99968 MHz

Frequency tolerance allowed: 19.9980-20.0020 MHz

Calibration procedures verified by Jady Maloney

whose FCC license number is: PG00078608

and has an expiration date of: NO EXPIRATION DATE

The instrument(s) used to certify the accuracy of the above device has been calibrated within the previous year and is traceable to the National Institute of Standards and Technology.

I, the undersigned, certify that I have conducted the calibration and accuracy tests and found the above listed device to be accurate within the manufacturer's specifications.

Technician *J.S. Ga*

Subscribed and sworn to me this 14th day of June, 2025

JAKKI L. WADE
Notary Public - State of Kansas
My Appt. Expires 6.13.27

Jakki L. Wade
Notary Public

FILED
JUN 01 2026
MERCER ISLAND
MUNICIPAL COURT





1010 WEST CHESTNUT, PO BOX 947 CHANUTE, KS 66720-0947

ProLaser 4
Safety Test Sheet

FILED

JUN 01 2026

**MERCER ISLAND
MUNICIPAL COURT**

Lidar Serial No: **LF29885**

Date: **6/17/2025**

Detector Calibration Check

Model No. **OPHIR NOVA**

Serial No. **22170**

The instrument(s) used to certify the accuracy of the above device has been calibrated within the previous year and is traceable to the National Institute of Standards and Technology.

Laser Output (7mm APERTURE)	15.58	uWatts	Max Limit	26	uWatts	Pass
Laser Output (Total)	174.2	uWatts	Max Limit	175	uWatts	Pass
PRF	200	Hz	Spec.	200	Hz	Pass
Pulse Width	19.11	NS	Spec.	>10 NS and < 30 NS	Hz	Pass

Technician Signature and Date

Quality Signature and Date

