

### **Mercer Island Municipal Court**

### RADAR UNIT # <u>STALKER EC008627</u> TUNING FORK(S) <u>015927 25MPH</u> 020273 40MPH

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.

Pauline Lee Court Clerk

Mercer Island Municipal Court

## FILED

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MERCER ISLAND MUNICIPAL COURT

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MERCER ISLA MUNICIPAL COURT

### CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. EC008627

Antenna #1: S.N. EB015006

Frequency24.124 GHz

**Power Density** 

C .3 mw/cm²

Antenna #2: S.N. EB015004

Frequency24.124 GHz

**Power Density** 

Under my supervision, this Speed Measuring Device has been checked for accuracy and correct operation.

This STALKER® Speed Measuring Device is certified accurate within ±1 mph (±2 km/h) in stationary remode, and/or ±2 mph (±3 km/h) in moving mode.

Date: 10/16/2018

The transmitter frequency of this speed measuring radar device has been tested and found to be withir the prescribed limits as established by the Federal Communications Commission.

The measured Power Density of this speed measuring device has been tested and found to be below the ANSI Standard of 5.0 mw/cm² for this device.

All test instruments are traceable to NIST.

Technician: Hani Almikhlafi

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev N 63817

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



# TUNING FORK CERTIFICATE This Tuning Fork has been tested and found to oscillate at 2,899 ±5 Hertz at 70° F (21°C) resulting in a calibration signal of 40 mph (64 km/h) when used with a K-Band Radar operating at 24.15 GHz. The instrument used to calibrate the tuning fork is traceable to NIST. Operation from -22° F to +140° F (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0040 mph / °F (0.8 km/h, -0.0065 km/h / °C). Date 1 6 2013 Technician (signature) 1 John 1. Joh

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# TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 1,819 ±5 Hertz at 70° F (21°C) resulting in a calibration signal of 25 mph (40 km/h) when used with a K-Band Radar operating at 24.15 GHz. The instrument used to calibrate the tuning fork is traceable to NIST.

Operation from -22 to +140°F (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0025 mph/°F (0.8 km/h, -0.0041 km/h/°C).

Date \_\_\_\_\_ Technician (signature) 10dd 1. Darlar

Technician (name) Todd L. Gardner

Serial # 015927

Applied Concepts, Inc.

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Plano, Texas 75074 006-041 2-00 Rev F

Plano, Texas 75074 006-0413-00 Rev F

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