



Mercer Island Municipal Court

RADAR UNIT # STALKER EC009032
TUNING FORK(S) 015905 25MPH
020277 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

Dated this 25 day of Feb, 2019.

Mercer Island Municipal Court
9611 SE 36th Street, Mercer Island, WA 98040
206.275.7604 * fax 206.275.7980

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. EC009032

Antenna #1: S.N. EB015008

Frequency 24.123 GHz

Power Density 0.3 mw/cm²

Antenna #2: S.N. EB015005

Frequency 24.123 GHz

Power Density 0.3 mw/cm²

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 mode, and/or ± 2 mph (± 3 km/h) in moving mode.

The transmitter frequency of this speed measuring radar device has been tested and found to be within 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 (signature) *Hani Almkhlafl*

Date: 10/16/2018

Technician: Hani Almkhlafl

Technician overseen by: Roland Rickard

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev N
63814

FILED

NOV 15 2018

MERCER ISLAND
MUNICIPAL COURT

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 OCT 16 2018

Technician (signature) *Todd L. Gardner*

Technician (name) Todd L. Gardner

Serial # 020277

Applied Concepts, Inc.



Plano, Texas 75074

006-0413-00 Rev F

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 OCT 16 2018 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 015905

Applied Concepts, Inc.



Plano, Texas 75074
006-0412-00 Rev F

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NOV 15 2018

MERCER ISLAND
MUNICIPAL COURT

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

RC