



Mercer Island Municipal Court

RADAR UNIT # STALKER DD016262

**TUNING FORK(S) 371929 40MPH
264992 25MPH**

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 February, 2019.

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DD016262

Antenna #1: S.N. KC156806

Frequency 34.72 GHz

Power Density 0.5 mw/cm²

Antenna #2: S.N. KC157383

Frequency 34.72 GHz

Power Density 0.4 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)



Date: 01/22/2019

Technician: Hani Almikhlafi

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Richardson, Texas 75081

006-0147-00 Rev P
68702

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

PC

FILED
FEB 07 2019
MUNICIPAL COURT

FILED
FEB 07 2019
MERCER ISLAND
MUNICIPAL COURT

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 4,166 ±5 Hertz at 70°F (21°C) resulting in a calibration signal of 40mph (64 km/h) when used with a Ka-Band Radar operating at 34.7 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, -0.0040 mph/°F (0.8 km/h, -0.0065 km/h/°C).

Date JAN 21 2019 Technician (signature) Todd L. Gardner
Todd L. Gardner

Technician (name) _____

Serial # 371929

Applied Concepts, Inc.

Plano, Texas 75074

006-0411-00 Rev E



TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 2,614 ±5 Hertz at 70° F (21°C) resulting in a calibration signal of 25 mph (40 km/h) when used with a Ka-Band Radar operating at 34.7 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 JAN 21 2019 Technician (signature) Todd L. Gardner
Todd L. Gardner

Technician (name) _____

Serial # 264992

Applied Concepts, Inc.

Plano, Texas 75074

006-0410-00 Rev D



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