

# Verified Speedometer Service Inc.

9 Jay Street, Old Tappan, N.J. 07675  
(201) 664-7759

## - Speedometer Calibration Certificate -

MAKE Chevrolet YEAR OF MFR. 2022 CAR NO. 28 TOWN Spring Lake BOROUGH Borough MILEAGE 22881 LICENSE NUMBER 4B866MG

The speedometer head and gear train drive have been checked in the above described vehicle and compared for accuracy. The results of the test and the actual speeds of the vehicle are listed below.

Speedometer Reading	Calibration Chart	Actual Speed
25		35
30		30
35		35
40		40
45		45
50		50

Speedometer Reading	Calibration Chart	Actual Speed
55		55
60		60
65		65
70		70
75		75
80		80

Certificate Expires 8/1/24

Certified by [Signature]  
The above tests were performed on 1/31/24



## TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $2,614 \pm 5$  Hertz at  $70^\circ\text{F}$  ( $21^\circ\text{C}$ ) 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  $+140^\circ\text{F}$  ( $-30^\circ\text{C}$  to  $60^\circ\text{C}$ ) will result in a speed error of less than 0.5 mph,  $-0.0025$  mph/ $^\circ\text{F}$  (0.8 km/h,  $-0.0041$  km/h/ $^\circ\text{C}$ ).

Date FEB 06 2023 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) \_\_\_\_\_

Serial # 309263

Applied Concepts, Inc.



Richardson, Texas 75081

006-0410-00 Rev E

## TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $4,166 \pm 5$  Hertz at  $70^\circ\text{F}$  ( $21^\circ\text{C}$ ) 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  $+140^\circ\text{F}$  ( $-30^\circ\text{C}$  to  $60^\circ\text{C}$ ) will result in a speed error of less than 0.5 mph,  $-0.0040$  mph/ $^\circ\text{F}$  (0.8 km/h,  $-0.0065$  km/h/ $^\circ\text{C}$ ).

Date FEB 06 2023 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) \_\_\_\_\_

Serial # 419229

Applied Concepts, Inc.



Richardson, Texas 75081

006-0411-00 Rev F



# CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DE027351

Antenna #1: S.N. KC225862

Frequency 34.71 GHz

Power Density 0.6 mw/cm<sup>2</sup>

Antenna #2: S.N. KC225863

Frequency 34.72 GHz

Power Density 0.3 mw/cm<sup>2</sup>

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

This STALKER® Speed Measuring Device is certified accurate within  $\pm 1$  mph ( $\pm 2$  km/h) in stationary mode, and/or  $\pm 2$  mph ( $\pm 3$  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/cm<sup>2</sup> for this device.

All test instruments are traceable to NIST.

Technician (signature)



Date: 02/07/2023

Technician: Elaine Burns

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Richardson, Texas 75081

006-0147-00 Rev P  
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