

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DE012008

Antenna #1: S.N. KC142841

Frequency 34.73 GHz

Power Density 0.6 mw/cm²

Antenna #2: S.N. KC142834

Frequency 34.72 GHz

Power Density 1.2 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 Almikhlafi*

Date: 02/21/2018

Technician: Hani Almikhlafi

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev N
51690

CAR & Radar

AS of
3/27/18

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 FEB 21 2018 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) _____

Serial # 254307

Applied Concepts, Inc.



Plano, Texas 75074

006-0410-00 Rev D

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 FEB 21 2018 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) _____

Serial # 361642

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev E

Car 2

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Antenna #1: S.N. KC146946 Frequency 34.72 GHz Power Density 0.8 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) Nam Nguyen

Date: 07/17/2018

Technician: Nam Nguyen

Technician overseen by: Roland Rickard

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev N

59062

Replaces old CA
antennae
S/N KC142834

7/24/2018

Car 3

Certificate of Calibration

THIS IS TO CERTIFY THAT ALL APPLICABLE TESTS AND MEASUREMENTS HAVE BEEN MADE ON

MODEL STALKER DUAL DSBAND KA - BAND MFR APPLIED CONCEPTS, INC

SERIAL NUMBER 012008 ANT. #1 142530 ANT. #2 142532

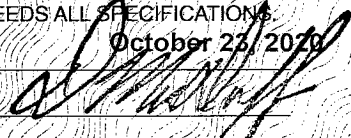
A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

DATE

October 23, 2020

SIGNED



C2

CAR 2

Certificate of Calibration

THIS IS TO CERTIFY THAT ALL APPLICABLE TESTS AND MEASUREMENTS HAVE BEEN MADE ON

MODEL STALKER DUAL DSR BAND KA - BAND MFG APPLIED CONCEPTS, INC.

SERIAL NUMBER 012008 ANT. #1 142530 ANT. #2 142532

A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

DATE September 15, 2021

SIGNED 

C2

TUNING FORK

Certificate of Accuracy

THIS IS TO CERTIFY THAT ON September 15, 2021

TUNING FORK SERIAL NUMBER 254307 WAS TESTED

AND FOUND TO OSCILLATE AT 2614 CYCLES PER SECOND.

SUCH OSCILLATION CAUSES A DOPPLER RADAR OPERATING IN THE 34.700 GHZ BAND TO

READ 25 MPH.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

SIGNED 

62

TUNING FORK
Certificate of Accuracy

THIS IS TO CERTIFY THAT ON September 15, 2021

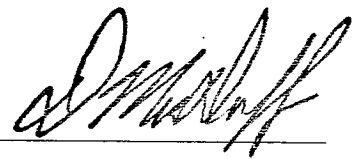
TUNING FORK SERIAL NUMBER 361642 WAS TESTED

AND FOUND TO OSCILLATE AT 4161 CYCLES PER SECOND.

SUCH OSCILLATION CAUSES A DOPPLER RADAR OPERATING IN THE 34.700 GHZ BAND TO

READ 40 MPH.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

SIGNED 

C2



Certificate of Calibration

THIS IS TO CERTIFY THAT ALL APPLICABLE TESTS AND MEASUREMENTS HAVE BEEN MADE ON

MODEL **STALKER DUAL DSR** BAND **KA - BAND** MFR **APPLIED CONCEPTS, INC.**

SERIAL NUMBER **012008** ANT. #1 **142530** ANT. #2 **142532**

A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS

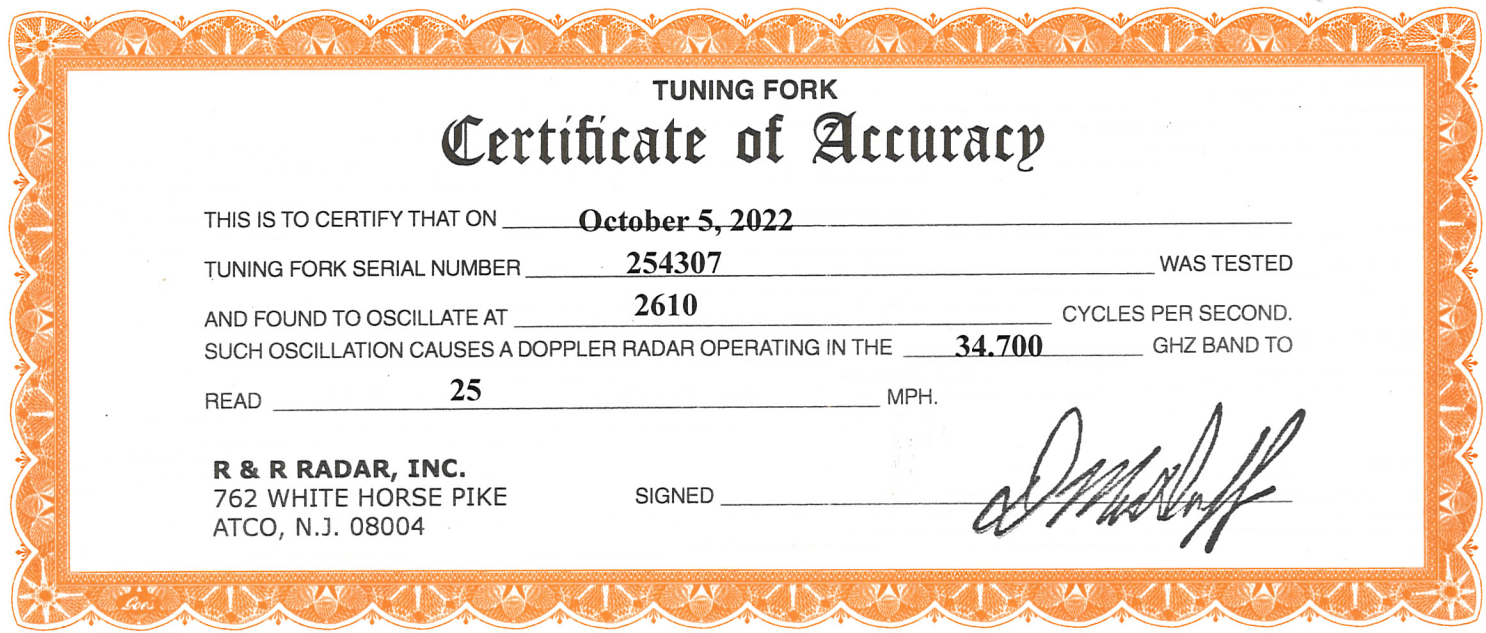
R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

DATE **October 5, 2022**
SIGNED *[Signature]*

© GOES 406

LITHO IN U.S.A.

C2



TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON **October 5, 2022**

TUNING FORK SERIAL NUMBER **254307** WAS TESTED

AND FOUND TO OSCILLATE AT **2610** CYCLES PER SECOND.

SUCH OSCILLATION CAUSES A DOPPLER RADAR OPERATING IN THE **34.700** GHZ BAND TO

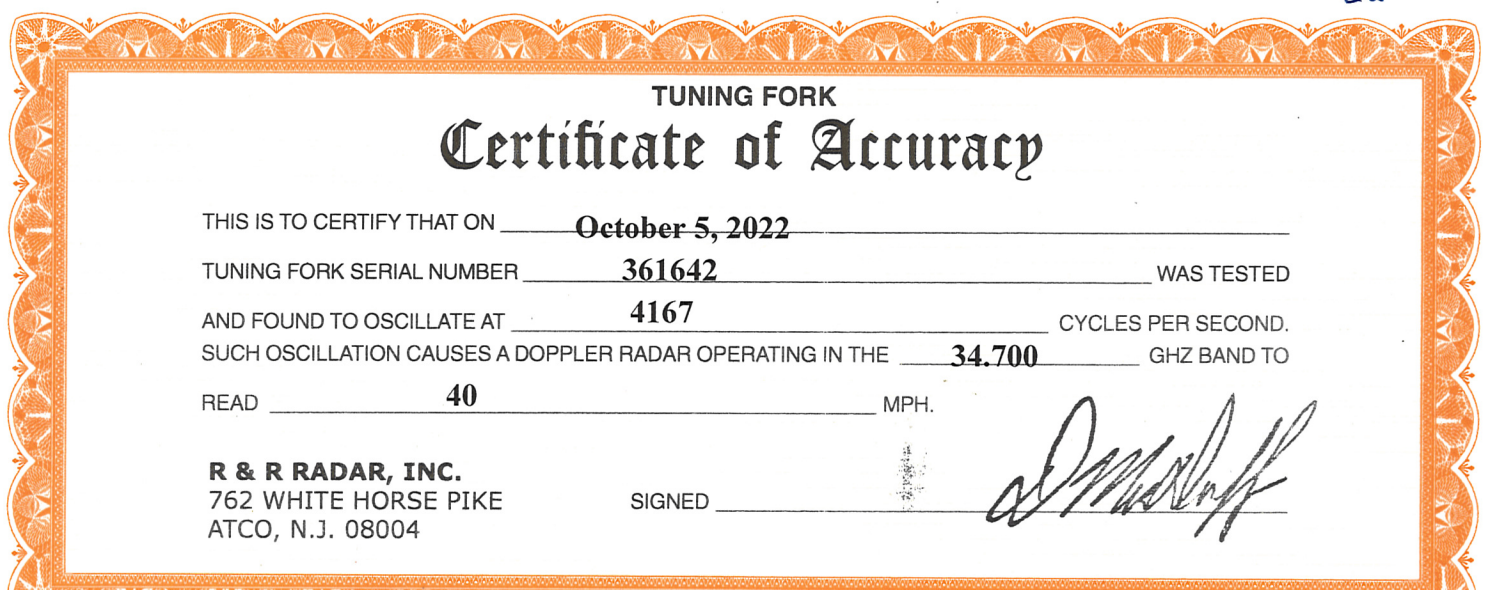
READ **25** MPH.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

SIGNED *[Signature]*

© Goes 4418

C2



TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON **October 5, 2022**

TUNING FORK SERIAL NUMBER **361642** WAS TESTED

AND FOUND TO OSCILLATE AT **4167** CYCLES PER SECOND.

SUCH OSCILLATION CAUSES A DOPPLER RADAR OPERATING IN THE **34.700** GHZ BAND TO

READ **40** MPH.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

SIGNED *[Signature]*