

Car 9

# 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 **002562** ANT. #1 **098975** ANT. #2 **098714**

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 **August 10, 2017**

SIGNED 

# TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON **August 10, 2017**

TUNING FORK SERIAL NUMBER **225179** WAS TESTED

AND FOUND TO OSCILLATE AT **2616** 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 

# TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON **August 10, 2017**

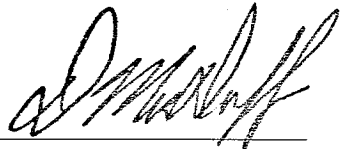
TUNING FORK SERIAL NUMBER **330296** WAS TESTED

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 

Car 9  
Radar  
3/3/16

## TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $2,614 \pm 5$  Hertz at  $70^\circ$  F resulting in a calibration signal of 25 mph (40 kph) 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  $-22^\circ$  F to  $+140^\circ$  F will result in an error of less than .5 mph (.8 kph).

Date **MAY 7 2015** Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 225178

Applied Concepts, Inc.



Plano, Texas 75074

006-0410-00 Rev C

## TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $4,166 \pm 5$  Hertz at  $70^\circ$  F resulting in a calibration signal of 40.25 mph (64.77 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  $+140^\circ$  F will result in a speed error of less than .5 mph  $-0.0040$  mph/ $^\circ$ F (.8 km/h  $-0.0065$  km/h/ $^\circ$ F).

Date **MAY 7 2015** Technician (signature) Todd L. Gardner

Todd L. Gardner

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

Serial # 330295

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev D

## Certificate of Calibration

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

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

SERIAL NUMBER 002562 ANT. #1 098975 ANT. #2 098714

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 9, 2018

SIGNED [Signature]

## TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON October 9, 2018

TUNING FORK SERIAL NUMBER 225179 WAS TESTED

AND FOUND TO OSCILLATE AT 2612 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]

## TUNING FORK Certificate of Accuracy

THIS IS TO CERTIFY THAT ON October 9, 2018

TUNING FORK SERIAL NUMBER 330296 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]

Car 9

Car 9

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### Certificate of Calibration

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

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

SERIAL NUMBER 002562 ANT #1 098975 ANT #2 098714

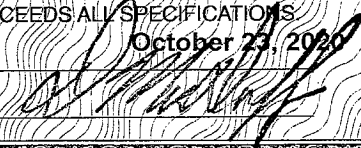
A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS

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

DATE

October 23, 2020

SIGNED



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Car 9

### 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 002562 ANT. #1 098975 ANT. #2 098714

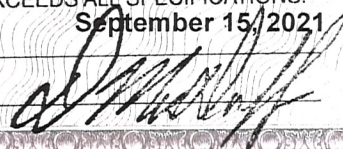
A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS.

DATE September 15, 2021

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

DATE \_\_\_\_\_

SIGNED \_\_\_\_\_




C9

TUNING FORK  
**Certificate of Accuracy**

THIS IS TO CERTIFY THAT ON September 15, 2021  
TUNING FORK SERIAL NUMBER 288400 WAS TESTED  
AND FOUND TO OSCILLATE AT 2612 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 

C9

TUNING FORK  
**Certificate of Accuracy**

THIS IS TO CERTIFY THAT ON September 15, 2021

TUNING FORK SERIAL NUMBER 396996 WAS TESTED

AND FOUND TO OSCILLATE AT 4162 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 

C9



# 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 002562 ANT. #1 098975 ANT. #2 098714

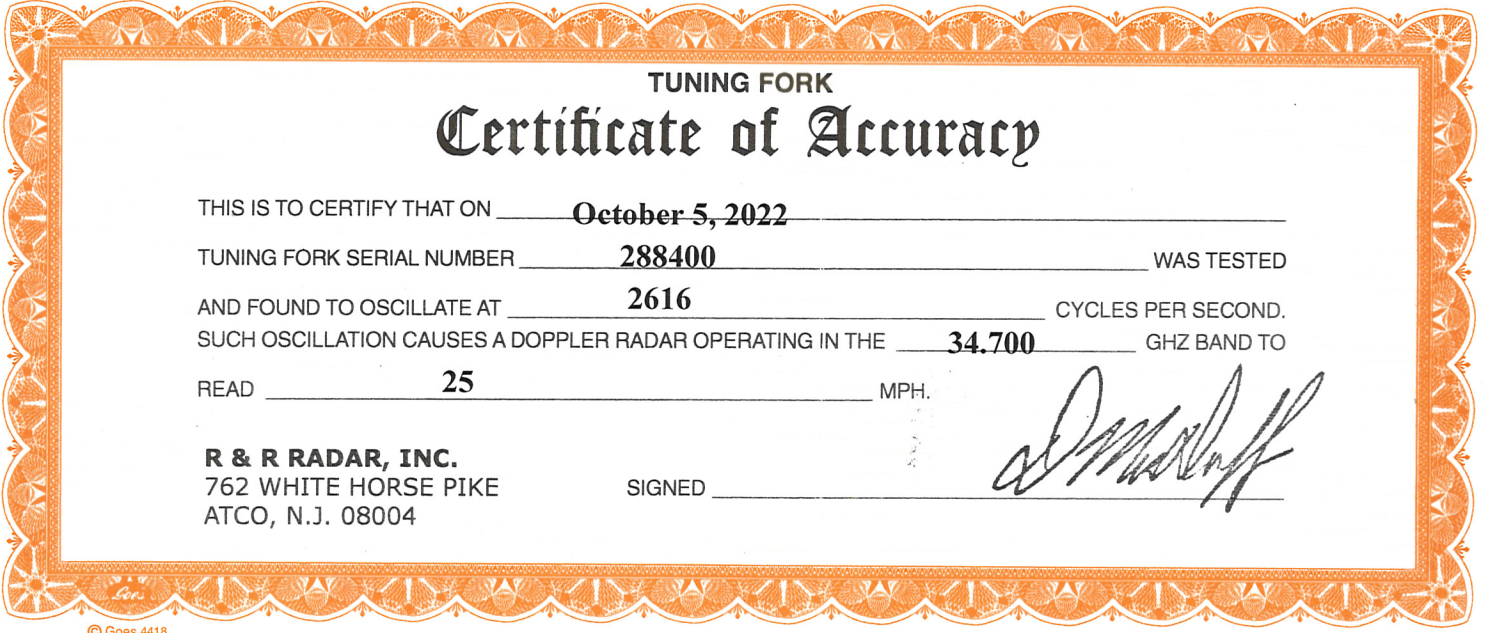
A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS  
 DATE October 5, 2022  
 SIGNED [Signature]

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

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LITHO IN U.S.A.

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## TUNING FORK

# Certificate of Accuracy

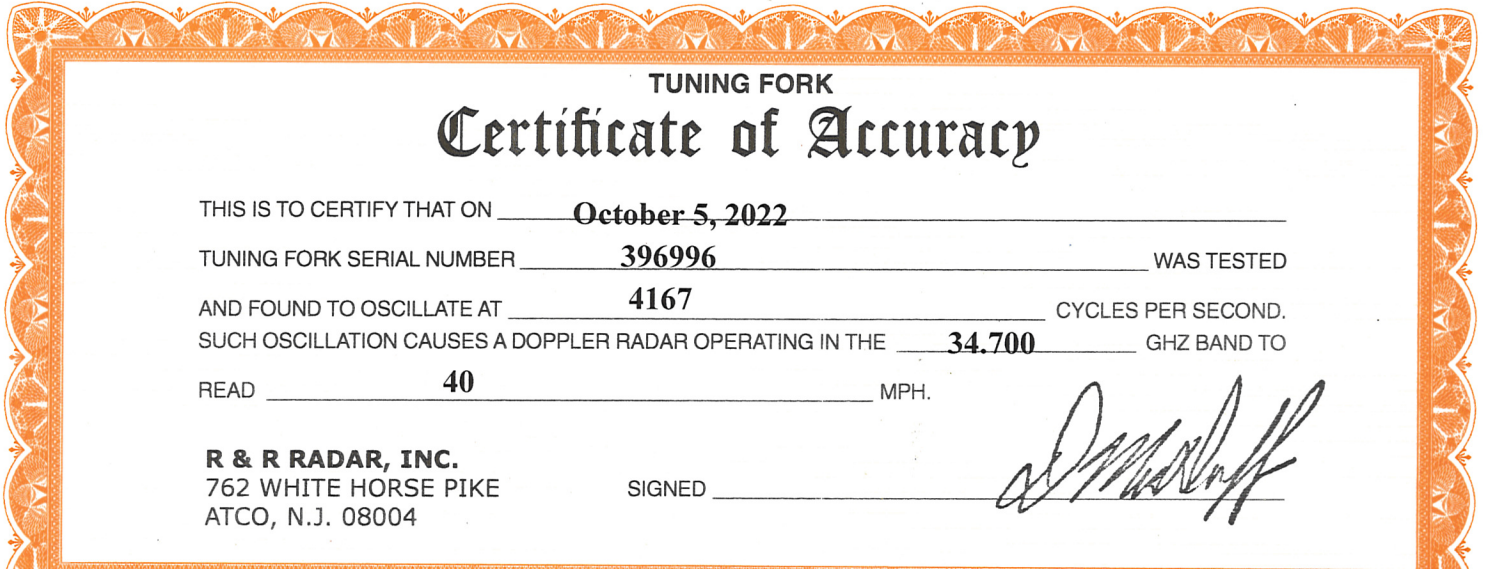
THIS IS TO CERTIFY THAT ON October 5, 2022  
 TUNING FORK SERIAL NUMBER 288400 WAS TESTED  
 AND FOUND TO OSCILLATE AT 2616 CYCLES PER SECOND.  
 SUCH OSCILLATION CAUSES A DOPPLER RADAR OPERATING IN THE 34.700 GHZ BAND TO  
 READ 25 MPH.

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

SIGNED [Signature]

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## TUNING FORK

# Certificate of Accuracy

THIS IS TO CERTIFY THAT ON October 5, 2022  
 TUNING FORK SERIAL NUMBER 396996 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]