

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210991 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Camporelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

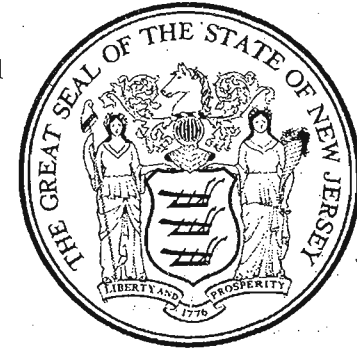
This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315781 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Camporelli  
State Superintendent

Gloucester County

Date 2/19/2014



I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS044339 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC075940 Frequency 34.72 GHz Power Density 1.2 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC074804 Frequency 34.72 GHz Power Density 1.0 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 ( $\pm 2$  kph) in stationary mode, and/or  $\pm 2$  mph ( $\pm 3$  kph) 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.

Date AUG - 2 2013

Technician (signature) [Signature]

Technician (name) DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit 1101

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214627

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319356

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev C

**Unit 1104**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214627 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319356 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



**CERTIFICATE OF ACCURACY**

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045107 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC080688 Frequency 34.73 GHz Power Density 1.5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC080674 Frequency 34.72 GHz Power Density 2 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) [Signature]

Technician (name) CHRIS TRAVILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

**Unit #1104**

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214478

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319357

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev C

**Unit 1105**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

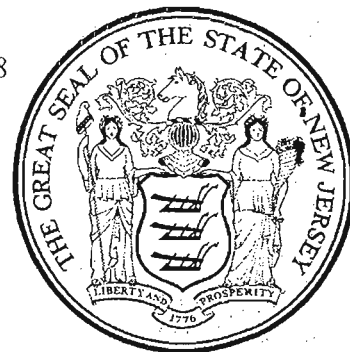
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214478 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert J. Camparelli*  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319357 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert J. Camparelli*  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045060 Frequency — GHz Power Density — mw/cm<sup>2</sup>

Antenna #1: S.N. KC080623 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>

Antenna #2: S.N. KC080613 Frequency 34.71 GHz Power Density 1 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) *Chris Truillo*

Technician (name) CHRIS TRUILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1105

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA185032 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB287353 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



Certificate of Calibration

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

MODEL STALKER DSR BAND KA - BAND MFR APPLIED CONCEPTS, INC.  
SERIAL NUMBER 32445 ANT. #1 023862 ANT. #2 023868

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 25, 2014

SIGNED *[Signature]*

Unit #1106/Stalker

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

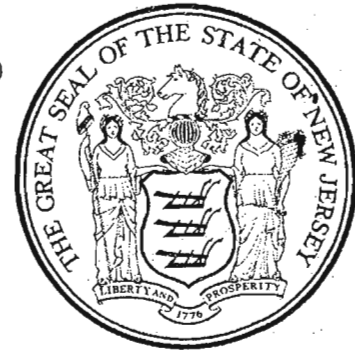
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210990 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315780 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS 044396 Frequency — GHz Power Density — mw/cm<sup>2</sup>

Antenna #1: S.N. K074828 Frequency 34.71 GHz Power Density 1.0 mw/cm<sup>2</sup>

Antenna #2: S.N. K075949 Frequency 34.72 GHz Power Density 1.0 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 ( $\pm 2$  kph) in stationary mode, and/or  $\pm 2$  mph ( $\pm 3$  kph) 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.

Date AUG - 2 2013

Technician (signature) *[Signature]*

Technician (name) DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1107

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.3 m.p.h. Tuning Fork Serial Number FA159971 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.



Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.3 m.p.h. Tuning Fork Serial Number FB261551 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.



Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014

Certificate of Calibration

THIS IS TO CERTIFY THAT ALL APPLICABLE TESTS AND MEASUREMENTS HAVE BEEN MADE ON  
MODEL STALKER DSR BAND KA - BAND MFTB APPLIED CONCEPTS, INC.  
SERIAL NUMBER 32342 ANT #1 010945 ANT #2 013210

A 'DOPPLER' TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS.  
R & R RADAR, INC. DATE October 25, 2012  
762 WHITE HORSE PIKE  
ATCO, N.J. 08004 SIGNED *[Signature]*

Unit #1108/Stalker



## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214625

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 320052

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev C

**Unit 1109**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

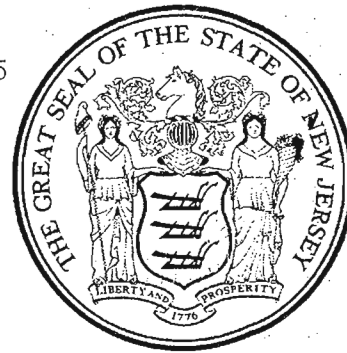
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214625 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert f. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

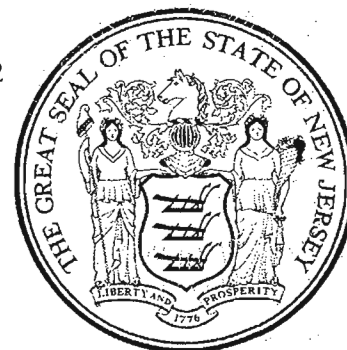
This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB320052 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert f. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045061 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC080675 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC080615 Frequency 34.72 GHz Power Density 1.5 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 ( $\pm 2$  kph) in stationary mode, and/or  $\pm 2$  mph ( $\pm 3$  kph) 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.

Date JAN - 9 2014

Technician (signature) *Chris Trujillo*

Technician (name) CHRIS TRUJILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

# Unit #1109

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

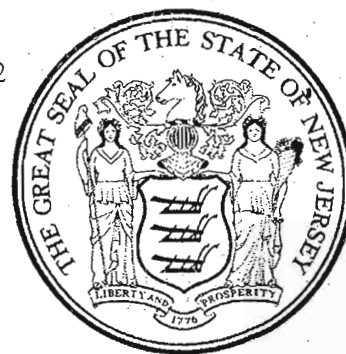
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210992 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert f. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number - FB315782 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert f. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS044342 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. K075937 Frequency 34.72 GHz Power Density 0.8 mw/cm<sup>2</sup>  
Antenna #2: S.N. K074800 Frequency 34.72 GHz Power Density 0.8 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date AUG - 2 2013

Technician (signature) *[Signature]*

Technician (name) DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1110

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214479

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319355

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev C

**Unit 1111**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number- FA214479 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319355 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045062 Frequency — GHz Power Density — mw/cm<sup>2</sup>

Antenna #1: S.N. BC080629 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>

Antenna #2: S.N. BC080630 Frequency 34.72 GHz Power Density 2 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) [Signature]

Technician (name) CARLOS TRUJILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1111

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

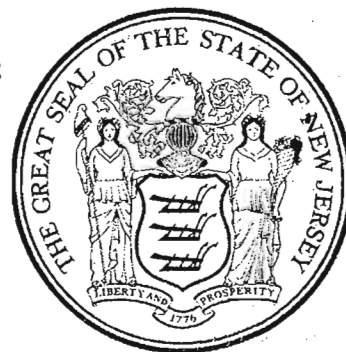
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210988 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert f. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315778 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert f. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS044285 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC074834 Frequency 34.72 GHz Power Density 0.7 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC075483 Frequency 34.73 GHz Power Density 1.0 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date AUG - 2 2013

Technician (signature) \_\_\_\_\_

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

DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

# Unit #1112

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210989  
has been compared with standards of the State of New Jersey in possession  
of the State Superintendent of Weights and Measures. The above  
tuning fork when used with Radar traffic units operating at 34.7 GHz  
KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315779  
has been compared with standards of the State of New Jersey in possession  
of the State Superintendent of Weights and Measures. The above  
tuning fork when used with Radar traffic units operating at 34.7 GHz  
KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DC504289 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. K6075759 Frequency 34.72 GHz Power Density 0.6 mw/cm<sup>2</sup>  
Antenna #2: S.N. K6075750 Frequency 34.72 GHz Power Density 1.0 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 ( $\pm 2$  kph) in stationary mode,  
and/or  $\pm 2$  mph ( $\pm 3$  kph) 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.

Date AUG - 2 2013

Technician (signature) *[Signature]*

Technician (name) DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

# Unit #1113

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210986 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

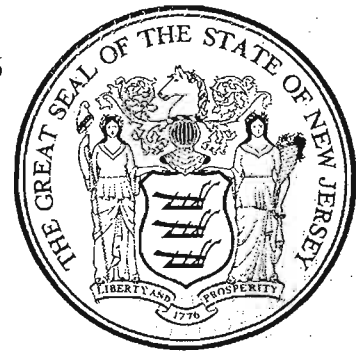
This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315776 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS044263 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. K075494 Frequency 34.72 GHz Power Density 1.0 mw/cm<sup>2</sup>  
Antenna #2: S.N. K074B36 Frequency 34.72 GHz Power Density 1.0 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date AUG - 2 2013

Technician (signature) \_\_\_\_\_

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

*DONG NGUYEN*

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

**Unit 1114**



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

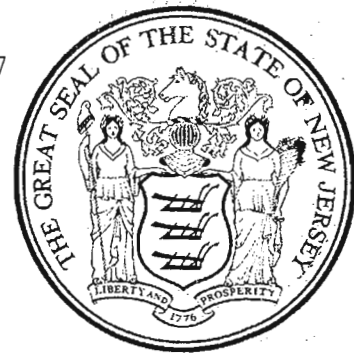
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA210987 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert f. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB315777 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert f. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS044288 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC075757 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC075758 Frequency 34.72 GHz Power Density 0.9 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date AUG - 2 2013

Technician (signature) \_\_\_\_\_

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

DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit 1115

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214481

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319354

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev.C

**Unit 1116**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214481 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert J. Camparelli*  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

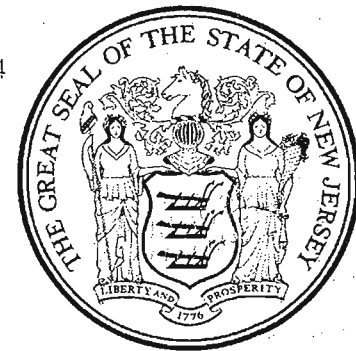
This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319354 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at KA - Band will result in the stated m.p.h. value. 34.7 GHz

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert J. Camparelli*  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. D5045069 Frequency — GHz Power Density — mw/cm<sup>2</sup>

Antenna #1: S.N. KC080685 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>

Antenna #2: S.N. KC080683 Frequency 34.73 GHz Power Density 1.5 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) *Chris Trujillo*

Technician (name) CHRIS TRUJILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1116

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214626

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319358

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev.C

**Unit 1117**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214626 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319358 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045103 Frequency ✓ GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC080622 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC080628 Frequency 34.72 GHz Power Density 1 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) [Signature]

Technician (name) CHRIS TRUILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1117

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 35 m.p.h. Tuning Fork Serial Number 292935  
has been compared with standards of the State of New Jersey in posses-  
sion of the State Superintendent of Weights and Measures. The above  
tuning fork when used with Radar traffic units operating at 10,525 MHz  
X - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/20/2013



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 80 m.p.h. Tuning Fork Serial Number 297275  
has been compared with standards of the State of New Jersey in posses-  
sion of the State Superintendent of Weights and Measures. The above  
tuning fork when used with Radar traffic units operating at 10,525 MHz  
X - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

*Robert F. Campanelli*  
State Superintendent

Gloucester County

Date 2/20/2013



Certificate of Calibration

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

MODEL K-55 BAND X-BAND MFT# MPH/IND  
SERIAL NUMBER 266003847 ANT. #1 097005191 ANT. #2 097005192

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 26, 2012  
SIGNED *[Signature]*

Unit #1118

## 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 214480

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 mph (64 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 JAN - 9 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319353

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev C

**Unit 1119**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

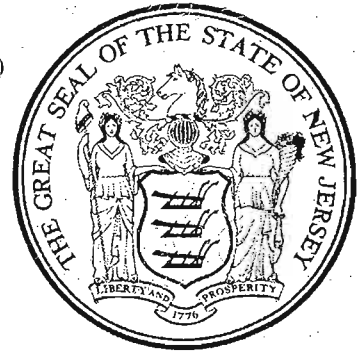
This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA214480 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

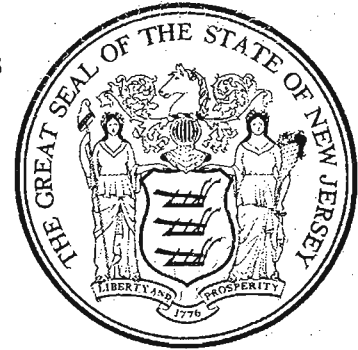
This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319353 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



## CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS045104 Frequency      GHz Power Density      mw/cm<sup>2</sup>  
Antenna #1: S.N. KC080687 Frequency 34.72 GHz Power Density 2 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC080689 Frequency 34.73 GHz Power Density 1.5 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 9 2014

Technician (signature) [Signature]

Technician (name) CHRIS TRUJILLO

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

# Unit #1119



## 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 JAN - 8 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 215386

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 mph (64 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 JAN - 8 2014 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 319401

Applied Concepts, Inc.



Plano, Texas 75074

006-0411-00 Rev.C

**Unit 1120**

STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA215386 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES

This certifies that 40.25 m.p.h. Tuning Fork Serial Number FB319401 has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The above tuning fork when used with Radar traffic units operating at 34.7 GHz KA - Band will result in the stated m.p.h. value.

Agency certified for FRANKLIN TWP. POLICE DEPT.

Robert F. Campanelli  
State Superintendent

Gloucester County

Date 2/19/2014



CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS04512 Frequency — GHz Power Density — mw/cm<sup>2</sup>  
Antenna #1: S.N. KC080610 Frequency 34.72 GHz Power Density 1.5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KC080458 Frequency 34.72 GHz Power Density 1.0 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 ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) 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.

Date JAN - 8 2014

Technician (signature) \_\_\_\_\_

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

DONG NGUYEN

Applied Concepts, Inc. | Plano, Texas 75074

006-0147-00 Rev M

Unit #1120