

## 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 007495 ANT. #1 011795 ANT. #2 011781

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 May 19, 2011

SIGNED [Signature]

# CAR 34

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 FA138090 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 LONGPORT BORO POLICE DEPT.

*Louis E. Grunberg*  
State Superintendent

Atlantic County

Date

2/28/2008



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 FB239448 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 LONGPORT BORO POLICE DEPT.

*Louis E. Grunberg*  
State Superintendent

Atlantic County

Date

2/28/2008



### TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $2,613 \pm 5$  Hertz at 70°F resulting in a calibration signal of 25 mph (40 kph) when used with a Ka Band Radar operating at 34.7 GHz.

Operation from -22°F to +140°F will result in an error of less than .35 mph (.6 kph).

Technician *[Signature]* Date 11-25-03 Serial # 138090

Applied Concepts, Inc.

Plano, Texas 75074

### TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $4165.5 \pm 5$  Hertz at 70°F resulting in a calibration signal of 40 mph (64 kph) when used with a Ka Band Radar operating at 34.7 GHz.

Operation from -22° F to +140° F will result in an error of less than .5 mph (.8 kph).

Technician *[Signature]* Date 11-25-03 Serial # 239448

Applied Concepts, Inc.



Plano, Texas 75074

### CERTIFICATE OF ACCURACY

I hereby certify the following STALKER DUAL speed measuring radar device:

Counting/Display: S.N. DS 007495  
 Antenna #1: S.N. KC011781 Frequency 34.72 GHz Power Density .3 mw/cm<sup>2</sup>  
 Antenna #2: S.N. KC011795 Frequency 34.73 GHz Power Density .5 mw/cm<sup>2</sup>

Under my supervision, this speed measuring radar device has been checked for accuracy and correct operation.

This STALKER DUAL speed measuring radar device is certified accurate within  $\pm 1$  mph ( $\pm 1$  kph) in stationary mode, and/or  $\pm 2$  mph ( $\pm 2$  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.

Date 11-25-03  
Applied Concepts, Inc.

Technician [Signature]

Plano, Texas 75074  
006-0147-00 REV D