

# CAR 35

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 FA138092 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 FB239445 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  $70^{\circ}\text{F}$  resulting in a calibration signal of 25 mph (40 kph) when used with a Ka Band Radar operating at 34.7 GHz.

Operation from  $-22^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$  will result in an error of less than .35 mph (.6 kph).

Technician *[Signature]* Date 11-25-03 Serial # 138092

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  $70^{\circ}\text{F}$  resulting in a calibration signal of 40 mph (64 kph) when used with a Ka Band Radar operating at 34.7 GHz.

Operation from  $-22^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$  will result in an error of less than .5 mph (.8 kph).

Technician *[Signature]* Date 11-25-03 Serial # 239445

Applied Concepts, Inc.



Plano, Texas 75074

### CERTIFICATE OF ACCURACY

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

Counting/Display: S.N. DS007473  
Antenna #1: S.N. KCO11804 Frequency 34.74 GHz / Power Density .5 mw/cm<sup>2</sup>  
Antenna #2: S.N. KCO11799 Frequency 34.72 GHz / Power Density .3 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

Technician *Henry Elder*

Applied Concepts, Inc.

Piano, Texas 75074  
006-0147-00 REV D