

SPARE

**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 FA138088 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 FB239443 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



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

Technician *[Signature]* Date 11-25-03 Serial # 138088

Applied Concepts, Inc.

Plano, Texas 75074

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at $4,165.5 \pm 5$ 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 $+140^{\circ}\text{F}$ will result in an error of less than .5 mph (.8 kph).

Technician *[Signature]* Date 11-25-03 Serial # 239443

Applied Concepts, Inc.



200020200

Plano, Texas 75074

CERTIFICATE OF ACCURACY

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

Counting/Display: S.N. 08007472

Antenna #1: S.N. KC011803 Frequency 34.74GHz Power Density .4 mw/cm²

Antenna #2: S.N. KC011809 Frequency 34.74GHz Power Density .4 mw/cm²

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 ± 1 mph (± 1 kph) in stationary mode, and/or ± 2 mph (± 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/cm² for this device.

Date 11-25-03

Applied Concepts, Inc.

Technician *[Signature]*

Plano, Texas 75074

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