

# # FA165054

## TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $2613 \pm 5$  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 .5 mph (.8 kph)

Technician Todd L. Gardner Date 7/19/07 Serial # 165054  
Todd L. Gardner

Applied Concepts, Inc.



Plano, Texas 75074

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### 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 FA165054 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 WILLINGBORO TWP. POLICE DEPT.

Burlington County

Louis E. Grunleif  
State Superintendent

Date

2/18/2009

