

# # FA175709

**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.

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

Date 12/31/2008 Technician (signature) *Todd L. Gardner*  
Technician (name) Todd L. Gardner

Serial # 175709

Applied Concepts, Inc. Plano, Texas 75074  006-0410-00 Rev A

LITHO. IN U.S.A.

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**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 FA175709 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 34.7GHz KA - Band will result in the stated m.p.h. value.

Agency certified for **WILLINGBORO TWP. POLICE DEPT.**

*Louis E. Gunkeluf*  
State Superintendent

Burlington County

Date

2/18/2009

