

# # FB276893

**TUNING-FORK CERTIFICATE**

This Tuning Fork has been tested and found to oscillate at  $4,166 \pm 5$  Hertz at  $70^{\circ}$  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  $-22^{\circ}$  F to  $+140^{\circ}$  F will result in an error of less than .5 mph (.8 kph).

Technician Todd L. Gardner Date 1.14.2009  
Todd L. Gardner

Serial # 276893

Applied Concepts, Inc. Plano, Texas 75074  
006-0411-00 Rev A

  
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**STATE OF NEW JERSEY  
OFFICE OF THE  
STATE SUPERINTENDENT OF WEIGHTS AND MEASURES**

This certifies that **40.25** m.p.h. Tuning Fork Serial Number **FB276893** 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.**

Louis E. Grenleaf  
State Superintendent

Burlington County

Date

2/18/2009

