

FB276766

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at $4,166 \pm 5$ 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 $+140^{\circ}$ 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 # 276766 Plano, Texas 75074
Applied Concepts, Inc. 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 FB276766 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. Grunleaf
State Superintendent

Burlington County

Date

2/18/2009

