

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at $2,614 \pm 5$ Hertz at 70°F (21°C) resulting in a calibration signal of 25 mph (40 km/h) when used with a Ka-Band Radar operating at 34.7 GHz. The instrument used to calibrate the tuning fork is traceable to NIST.

Operation from -22 to $+140^\circ\text{F}$ (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0025 mph/ $^\circ\text{F}$ (0.8 km/h, -0.0041 km/h/ $^\circ\text{C}$).

Date JUL 05 2023 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) _____

Serial # 315986

Applied Concepts, Inc.



Richardson, Texas 75081

006-0410-00 Rev E

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at $4,166 \pm 5$ Hertz at 70°F (21°C) resulting in a calibration signal of 40mph (64 km/h) when used with a Ka-Band Radar operating at 34.7 GHz. The instrument used to calibrate the tuning fork is traceable to NIST.

Operation from -22 to $+140^\circ\text{F}$ (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0040 mph/ $^\circ\text{F}$ (0.8 km/h, -0.0065 km/h/ $^\circ\text{C}$).

Date JUL 05 2023 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) _____

Serial # 425498

Applied Concepts, Inc.



Richardson, Texas 75081

006-0411-00 Rev F