

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°F (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0040 mph/°F (0.8 km/h, -0.0065 km/h/°C).

Date DEC 16 2025 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FB462938

Applied Concepts, Inc.
Richardson, Texas 75081

200-0770-00



006-0411-00 Rev G

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°F (-30°C to 60°C) will result in a speed error of less than 0.5 mph, -0.0025 mph/°F (0.8 km/h, -0.0041 km/h/°C).

Date DEC 16 2025 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FA351470

Applied Concepts, Inc.
Richardson, Texas 75081

200-0769-00



006-0410-00 Rev F

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 DEC 16 2025 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FA351476

Applied Concepts, Inc.
Richardson, Texas 75081

200-0769-00



006-0410-00 Rev F

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 DEC 16 2025 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FB462964

Applied Concepts, Inc.
Richardson, Texas 75081

200-0770-00



006-0411-00 Rev G