

### TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at  $4,166 \pm 5$  Hertz at  $70^{\circ}\text{F}$  ( $21^{\circ}\text{C}$ ) 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  $+140^{\circ}\text{F}$  ( $-30^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ ) 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 30 JUN 2026 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FB473649

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  $70^{\circ}\text{F}$  ( $21^{\circ}\text{C}$ ) 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  $+140^{\circ}\text{F}$  ( $-30^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ ) 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 30 JUN 2026 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # FA361485

Applied Concepts, Inc.  
Richardson, Texas 75081

200-0769-00



006-0410-00 Rev F