

This Tuning Fork has been tested and found to oscillate at 2,614 ±5 Hertz at 70° F resulting in a calibration signal of 25 mph (40 kph) 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° F to +140° F will result in an error of less than 5 mph (.8 kph).

Date JUN - 6 2013 Technician (signature) Toda 2. Barlan

Technician (name) Todd L. Gardner

Serial # 208650

Applied Concepts, Inc.



Plano, Texas 75074 006-0410-00 Rev C

### TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 4,166 ±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. The instrument used to calibrate the tuning fork is traceable to NIST.

Operation from -22° F to +140° F will result in an error of less than .5 mph (.8 kph).

DateJUN - 6 2013 Technician (signature) Toda 1. Barlan

Technician (name) Todd L. Gardner

Serial # 313755

Applied Concepts, Inc.

Plano, Texas 75074 006-0411-00 Rev C



	CERTIF	ICATE OF ACCURA	ACY			
hereby certify th	is STALKER® Speed Measu	ring Device.				
Intenna #1:		Frequency — GHz Frequency 22 GHz Frequency 22 GHz		m²		
Inder my superv	ision, this Speed Measuring	Device has been checked for	accuracy and correct operation	n.		
	Speed Measuring Device is £3 kph) in moving mode.	certified accurate within ±1 m	ph (±2 kph) in stationary mod	e.		
	NOTE TO THE COLUMN TO THE COLUMN TO A STATE OF THE COLUMN TO A STATE OF THE COLUMN TO A STATE OF THE COLUMN TO	auring radar device has been to al Communications Commission		he		
	ower Density of this speed m nw/cm² for this device.	neasuring device has been tes	ted and found to be below the	ANS		
III test instrumen	its are traceable to NIST.		01			
oate JUN -	6 2013 Technician	2013 Technician (signature)				
	Technician	(Iname)	NG NGUYEN			

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

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA180082 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 KA - Band will result in the stated m.p.h. value.

Agency certified for

WESTAMPTON TWP. POLICE DEPT.

State Superintendent

**Burlington County** 

Date

2/17/2010

**Unit Copy** 

# 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 FB281981 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

WESTAMPTON TWP. POLICE DEPT.

**Burlington County** 

State Superintendent

Date

2/17/2010





## **STALKER** Certified Pre-Owned Certificate

						200 - 2000
Unit Name:	DVAL	52	Serial Number:	048532	Technician: Scott Mechan Dale:	SEP 0 3 2009

This is to certify that all settings have been restored to the latest factory settings for the model being certified. This includes up to 13 checks and resets. This unit has been bench checked relative to the latest quality checks for new units. This includes at least 5 critical tests; powering up, display and light segment performance, calibration of voltage, tuning fork test, and an antenna check.

#### All Antennas:

- Frequency tested and recalibrated if needed.
- Tested in a "Real World Simulator" making sure the unit is functional under real world conditions.
- Lens are replaced if scratched.
- All mounting inserts are inspected and replaced as needed.

#### All Counting Units:

- Software upgraded to the current production release.
- Tested to meet current production standards.
- Verified that the front and rear ports read the entenna and tuning fork tested.
- Verify the unit has mechanical integrity and repair as needed.
- All mounting inserts are inspected and replaced as needed.

#### All Displays:

- Overlays are replaced if scratched.
- LEDs are checked for brightness.
- LEDs are checked for function.
- Display salf-check mode is tested.
- All mounting inserts are inspected and replaced as needed.

Each unit is read-tested to ensure it is performing properly in a police like environment and that the unit performs in both stationary and moving modes. is checked for signs of doubling and or other anomalies and delivers the range and consistent readings for which our products are known.

All units are certified with a 90-day factory warranty. The units in the Certified Pre-Owned Program may show some normal cosmetic wear and tear including: chipped or discolored paint, scratches, gouges, and damaged or missing serial number tags. Units with missing (or illegible) serial number tags will have an engraved serial number.

> applied concepts, inc. / 2609 Technology Drive / Plano, Texas 75074. 800-STALKER. 005-0390-00 Rev A

### CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. 48532 Frequency —— GHz Power Density —— mw/cm² S.N. 2/60 Frequency 34.7/GHz Power Density 6 mw/cm<sup>2</sup> Antenna #1: S.N. 3004 Frequency3469GHz Power Density .5 mw/cm<sup>2</sup> Antenna #2:

Under my supervision, this Speed Measuring Device has been checked for accuracy and correct operation.

This STALKER® Speed Measuring Device is certified accurate within ±1 mph (±2 kph) in stationary mode, and/or ±2 mph (±3 kph) in moving mode.

The transmitter frequency of this speed measuring radar device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission.

The measured Power Density of this speed measuring device has been tested and found to be below the ANSI Standard of 5.0 mw/cm2 for this device.

Technician (signature) Scott Kleckner

Technician (name) Scott Kleckner Date SEP 0 3 2009

Applied Concepts, Inc. Plano, Texas 75074

006-0147-00 Res

