RADAR Unit Inventory

As of 11/15/19

Active – Stalker Dual DSR 34.7 GHZ

Vehicle No.	Counting Display	Antenna (Ft)	Antenna (Rr)	Tuning Fork	Tuning Fork
32	DE014665	KC160015	KC160004	FA265629	FB373026
33	DE012735	KC145201	KC145332	FA255591	FB362609
34	DS007498	KC011795	KC011781	FA138088	FB239443
35	DE012740	KC145068	KC145054	FA255206	FB362607
36	DE014678	KC158450	KC160093	FA265636	FB373024
37	DE016483	KC168904	KC168907	FA271112	FB380049
Cycle #3	DS038934	KC047830	KC047837	FA178901	278789

Spare - Stalker Dual DSR 34.7, Complete Unit

DS007487	KC011790	KC011791	FA138089	FB239447

Stalker II Handheld	05792	Battery #1: BL012289	Battery #2 BL012053	FA194180	FB296783

Spare – Stalker Dual D5R – Tuning Forks

25 mph	FA138090	FA138092	FA138093	FA132720	
40 mph	FB239448	FB239445	FB239446	FB233551	

Spare – Stalker Dual DSR34.7 GHZ – Antennas

Clear Glass Lens	KC011809	KC011803
Clear Glass Lens	KC011810	KC011806
Clear Glass Lens	009017	009043
Black Plastic Lens	KR011804	

Decommissioned **Counting Displays** **Antennas**

Stalker Dual DSR 34.7	DS007495	KC011799
Stalker Dual DSR 34.7	DS007472	
Stalker Dual DSR 34.7	DS007484	
Stalker Dual DSR 34.7	005667	
Stalker Dual DSR 34.7	DS007473	KC011801/KC0011797

Certificate of Accuracy

11/15/2019

Counting Display: S.N. DE016483

Antenna #1: S.N. KC168904

Antenna #2: S.N. KC168907

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DE016483

Antenna #1: S.N. KC168904 Frequency 34.73 GHz Power Density 0.4 mw/cm²

Antenna #2: S.N. KC168907 Frequency 34.73 GHz Power Density 0.3 mw/cm²

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 km/h) in stationary mode, and/or ±2 mph (±3 km/h) 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.

All test instruments are traceable to NIST.

Date: 09/10/2019

Technician (signature) Nam Nguyen

Technician: Nam Nguyen

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Richardson, Texas 75081

006-0147-00 Rev P
79815

Tuning Fork Certification

40.25 m.p.h. 37.7 GHz

Serial #: FB380049

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 4,166 ±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 SEP 09 2019 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 380049

Applied Concepts, Inc. Richardson, Texas 75081

006-0411-00 Rev F

Tuning Fork Certification

25.25 m.p.h. 37.7 GHz

Serial #: FA271112

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 2,614 ±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 SEP 09 2019 Technician (signature) Todd L. Gardner

Technician (name) Todd L. Gardner

Serial # 271112

Applied Concepts, Inc. Plano, Texas 75074

006-0410-00 Rev.D

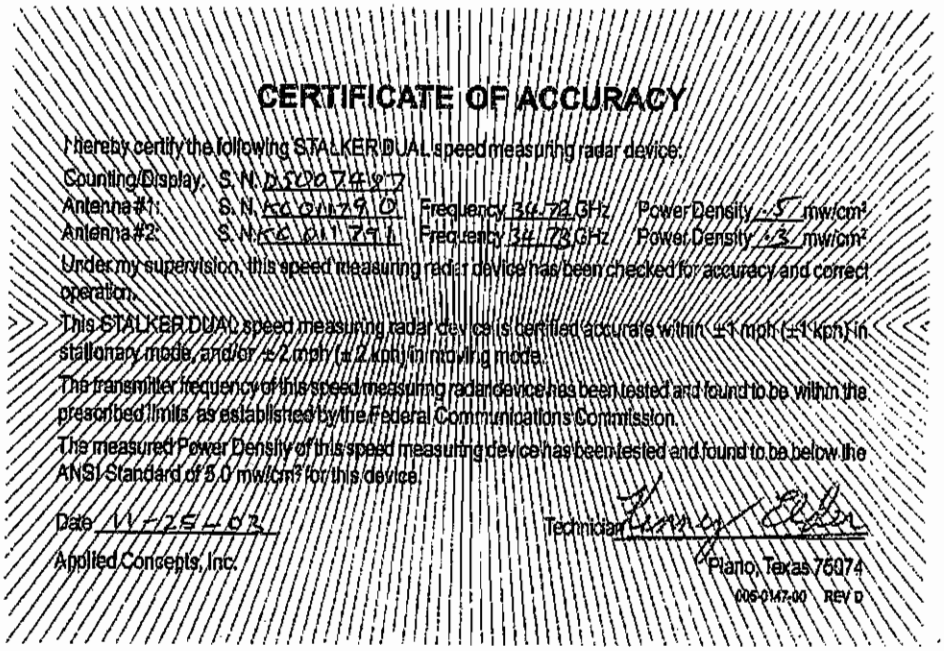
Spare - Stalker Dual DSR 34.7, Complete Unit

Counting Display: DS007487

Antenna #1: KC011790

Antenna #2: KC011791

Tuning Forks: FA138089 / FB239447



CERTIFICATE OF ACCURACY

I hereby certify the following STALKER DUAL speed measuring radar device:

Counting/Display: S. N. DS007487

Antenna #1: S. N. KC011790 Frequency 34.72 GHz Power Density .57 mw/cm²

Antenna #2: S. N. KC011791 Frequency 34.78 GHz Power Density .43 mw/cm²

Under my supervision, this speed measuring radar device has been checked for accuracy and correct operation.

This STALKER DUAL speed measuring radar device is certified accurate within ±1 mph (±1 kph) in stationary mode, and/or ±2 mph (±2 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.

Date 11-25-02 Technician

Applied Concepts, Inc. Plano, Texas 75074

006-0147-00 REV D

RADAR Unit Inventory

As of 08/01/19

Active – Stalker Dual DSR 34.7 GHZ

Vehicle No.	Counting Display	Antenna #1	Antenna #2	Tuning Fork	Tuning Fork
32	DE014665	KC160015	KC160004	FA265629	FB373026
33	DE012735	KC145201	KC145332	FA255591	FB362609
34	DS007498	KC011795	KC011781	FA138088	FB239443
35	DE012740	KC145068	KC145054	FA255206	FB362607
36	DE014678	KC158450	KC160093	FA265636	FB373024
37	DS007487	KC011790	KC011791	FA138089	FB239447

Stalker DSR 2x

Cycle #3	DS038934	KC047830	KC047837	FA178901	FB278789

Stalker II Handheld	05792	Battery #1: BL012289	Battery #2 BL012053	FA194180	FB296783

Spare – Stalker Dual DSR – Tuning Forks

25.3	FA138090	FA138092	FA138091		
40.3	FB239445	FB239446	FB239444		

Spare – Stalker Dual DSR34.7 GHZ – Antennas

Clear Glass Lens	KC011809	KC011803
Clear Glass Lens	KC011810	KC011806
Clear Glass Lens	009017	009043
Black Plastic Lens	KR011804	

Decommissioned	Counting Displays	Antennas
Stalker Dual DSR 34.7	DS007495	KC011799
Stalker Dual DSR 34.7	DS007472	
Stalker Dual DSR 34.7	DS007484	
Stalker Dual DSR 34.7	005667	
Stalker Dual DSR 34.7	DS007473	KC011801 / KC0011797

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DE014665

Antenna #1: S.N. KC160015 Frequency 34.73 GHz Power Density 0.3 mw/cm²

Antenna #2: S.N. KC160004 Frequency 34.72 GHz Power Density 0.3 mw/cm²

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 km/h) in stationary mode, and/or ±2 mph (±3 km/h) 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.

All test instruments are traceable to NIST.

Technician (signature)

Date: 02/25/2019

Technician: Hani Almikhlafi

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Richardson, Texas 75081

006-0147-00 Rev P
-70411

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 4,166 ±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 FEB 2 1 2019 Technician (signature) Todd L. Gardner

Todd L. Gardner

Technician (name) _____

Serial # 373026

Applied Concepts, Inc. Richardson, Texas 75081

006-0411-00 Rev F

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 2,614 ±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 FEB 2 1 2019 Technician (signature) Todd L Gardner

Technician (name) Todd L. Gardner

Serial # 265629

Applied Concepts, Inc. Plano, Texas 75074

006-0410-00 Rev D