414

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

Unit Copy

This certifies that 40.3 m.p.h. Tuning Fork Serial Number FB266751 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 FLORENCE TWP. POLICE DEPT.

Louis E. Greenberg
State Superintendent

Burlington County

Date 10/2/2009

LS

414

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

This certifies that 25.3 m.p.h. Tuning Fork Serial Number FA167058 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 FLORENCE TWP. POLICE DEPT.

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Agency certified for FLORENCE TWP. POLICE DEPT.

Louis E. Greenberg
State Superintendent

Burlington County

Date 3/10/2008

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STATE OF NEW JERSEY
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Unit Copy

This certifies that 25.3 m.p.h. Tuning Fork Serial Number FA167058 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 FLORENCE TWP. POLICE DEPT.

Louis E. Greenberg
State Superintendent

Burlington County

Date 3/10/2008

LS

CERTIFICATE OF ACCURACY

I hereby certify this STALKER® Speed Measuring Device.

Computing Unit: S.N. DS33106 Frequency — GHz Power Density — mw/cm²
Antenna #1: S.N. 26902 Frequency 34.7 GHz Power Density .7 mw/cm²
Antenna #2: S.N. 26864 Frequency 34.7 GHz Power Density .7 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 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.

Date NOV 29 2007 Technician (signature) Scott Kleckner

Technician (name) Scott Kleckner

Applied Concepts, Inc. Plano, Texas 75074 006-0147-00 Rev K

Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: FLORENCE, TOWNSHIP OF

FLORENCE, TOWNSHIP OF
711 BROAD ST
FLORENCE NJ 08518

Call Sign	File Number
KEA396	0000896829

Radio Service
PW - Public Safety Pool, Conventional

Regulatory Status
PMRS

Grant Date	Effective Date	Expiration Date	Print Date
05-23-2002	05-23-2002	08-17-2012	05-23-2002

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of Operation
Other VIC FLORENCE NJ

Loc. 2 Address
MUNICIPAL BLDG BROAD ST
City: FLORENCE County: BURLINGTON State: NJ
Lat (NAD83): 40-7-0.4 N Long (NAD83): 74-48-28.6 W ASR No.: Ground Elev: 9.0

Antennas

Loc. No.	Ant. No.	Frequencies (MHZ)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	154.80000	MO	15	0	20K0F3E	35.000				
1	1	155.49000	MO	15	0	20K0F3E	35.000				
2	1	154.80000	FB	1	0	20K0F3E	35.000		23.0		
2	1	155.49000	FB	1	0	20K0F3E	35.000		23.0		

Control Points

Control Address Pt. No.
1 MUNICIPAL BLDG BROAD ST
City: FLORENCE County: State: NJ Telephone Number: (609)499-3131

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 4165.5 ± 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.

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

Technician Todd L. Gardner Date NOV 29 2007 Serial # 266751

Applied Concepts, Inc. *200020200* Plano, Texas 75074

TUNING FORK CERTIFICATE

This Tuning Fork has been tested and found to oscillate at 2613 ± 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.

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

Technician Todd L. Gardner Date NOV 29 2007 Serial # 167058

Applied Concepts, Inc. *200020400* Plano, Texas 75074

Florence Township Police Department
Stalker Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
05/11/2009	**Ptl. Nick Czepiel**	**DS33133**	**0115 HRS.**

5. Turn the RADAR on. ☒

6. Push self test button, unit should read 888/888/188 Pass__X__ Fail_____. ☒

7. With Unit in stationary mode struck 25mph fork # 167059 IFO antenna. ☒
(You should receive a reading of 25 in the target window.)

8. Struck 40mph fork # 266759 IFO antenna. ☒
(You should receive a reading of 40 in the target window.)

09. Vehicle Speed	10. RADAR Speed	11. Difference	12. Direction Vehicle/RADAR	13. Vehicle Driver	14. Vehicle Number	15. Vehicle Registration	16 .Vehicle Year	17. Vehicle Type
20 MPH	**20 MPH**	**-1**	**SB / NB**	**4035**	**414**	**MG77832**	**2007**	**Tahoe**
30 MPH	**30 MPH**	**0**	**SB / NB**	SAME	SAME	SAME	SAME	SAME
40 MPH	**40 MPH**	**0**	**SB / NB**	SAME	SAME	SAME	SAME	SAME
50 MPH	**50 MPH**	**-1**	**NB / NB**	SAME	SAME	SAME	SAME	SAME
60 MPH	**60 MPH**	**0**	**NB / NB**	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

18. RADAR Operator: **Ptl. Nick Czepiel**

19. Vehicle Operator: **Ptl. TJ Sadar**

FTPD-SPDCAL.DOC (Rev. 12/07)

Florence Township Police Department
Stalker Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
01/11/2009	**Sgt. Brian Boldizar**	**DS33133**	**0100 hrs.**

5. Turn the RADAR on. ☒

6. Push self test button, unit should read 888/888/188 Pass ✓ Fail____. ☒

7. With Unit in stationary mode struck 25mph fork # 167059 IFO antenna. ☒
(You should receive a reading of 25 in the target window.)

8. Struck 40mph fork # 266759 IFO antenna. ☒
(You should receive a reading of 40 in the target window.)

09. Vehicle Speed	10. RADAR Speed	11. Difference	12. Direction Vehicle/RADAR	13. Vehicle Driver	14. Vehicle Number	15. Vehicle Registration	16 .Vehicle Year	17. Vehicle Type
20 MPH	**21 MPH**	**+ 1**	**SB / SB**	**4034**	**414**	**MG77832**	**2007**	**Tahoe**
30 MPH	**29 MPH**	**- 1**	**SB / SB**	SAME	SAME	SAME	SAME	SAME
40 MPH	**40 MPH**	**0**	**NB / SB**	SAME	SAME	SAME	SAME	SAME
50 MPH	**50 MPH**	**0**	**NB / SB**	SAME	SAME	SAME	SAME	SAME
60 MPH	**60 MPH**	**0**	**SB / SB**	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

18. RADAR Operator: **Sgt. Brian Boldizar**

Sgt. B Boldizar

19. Vehicle Operator: **Ptl. Brian Young**

B Young

FTPD-SPDCAL.DOC (Rev. 12/07)

Florence Township Police Department
Stalker Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
10/23/2008	Sgt. Benjamin Palombi III	DS33133	1845hrs

5. Turn the RADAR on. ☒

6. Push self test button, unit should read 888/888/188 Pass_____ Fail_____. ☒

7. With Unit in stationary mode struck 25mph fork #_167059_ IFO antenna. ☒
(You should receive a reading of 25 in the target window.)

8. Struck 40mph fork #__266759____IFO antenna. ☒
(You should receive a reading of 40 in the target window.)

09. Vehicle Speed	10. RADAR Speed	11. Difference	12. Direction Vehicle/RADAR	13. Vehicle Driver	14. Vehicle Number	15. Vehicle Registration	16 .Vehicle Year	17. Vehicle Type
20 MPH	21 MPH	1 (-)	E / E	4065	414	MG77832	2008	Tahoe
30 MPH	30 MPH	()	E / E	SAME	SAME	SAME	SAME	SAME
40 MPH	40 MPH	()	E / E	SAME	SAME	SAME	SAME	SAME
50 MPH	50 MPH	()	E / E	SAME	SAME	SAME	SAME	SAME
60 MPH	60 MPH	()	E / E	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

18. RADAR Operator	19. Vehicle Operator: -
Sgt Ben Palombi III	PM Daniel Mally

FTPD-SPDCAL.DOC (Rev. 12/07)

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
12/29/2007	**Sgt. Benjamin Palombi III**	**266000631**	**1615 hrs**

5. Turn the K-55 RADAR on. ☒
6. Place The Stationary/Moving switch into the Stationary (STA) position. ☒
7. Place the CAL/ICT-L/T switch into the DOWN position. ☒
   (You should receive a reading of 88 in the patrol window and 188 in the target window.)
8. Place the CAL/ICT-L/T switch into the UP position. ☒
   (You should receive a reading of 32 in the target window.)
9. Then strike the 35 MPH tuning fork (SERIAL # 827782) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) ☒
   Then strike the 35 MPH tuning fork (SERIAL # 269756) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) ☒
10. Then strike the 80 MPH tuning fork (SERIAL # 826439) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) ☒
    Then strike the 80 MPH tuning fork (SERIAL # 271003) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) ☒

11. Vehicle Speed	12. RADAR Speed	13. Difference	14. Direction Vehicle/RADAR	15. Vehicle Driver	16. Vehicle Number	17. Vehicle Registration	18. Vehicle Year	19. Vehicle Type
20 MPH	20 MPH	(0)	NB / NB	4033	414	MG77832	2007	TAHOE
30 MPH	30 MPH	(0)	NB / NB	SAME	SAME	SAME	SAME	SAME
40 MPH	40 MPH	(0)	NB / NB	SAME	SAME	SAME	SAME	SAME
50 MPH	50 MPH	(0)	SB / NB	SAME	SAME	SAME	SAME	SAME
60 MPH	60 MPH	(0)	SB / NB	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

20. RADAR Operator **Sgt. Benjamin Palombi III**
Sgt Ben Palombi III

21. Vehicle Operator: - **Ptl Dave Filippine**
Ptl. Dave Filippine 4033

FTPD-SPDCAL.DOC (Rev. 8/96)

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
04/28/2006	**Ptl. Brian Boldizar**	**R266002943**	**0145 HRS.**

5. Turn the K-55 RADAR on. ☒
6. Place The Stationary/Moving switch into the Stationary (STA) position. ☒
7. Place the CAL/ICT-L/T switch into the DOWN position. ☒
   (You should receive a reading of 88 in the patrol window and 188 in the target window.)
8. Place the CAL/ICT-L/T switch into the UP position. ☒
   (You should receive a reading of 32 in the target window.)
9. Then strike the 35 MPH tuning fork (SERIAL # 269666) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) ☒
   Then strike the 35 MPH tuning fork (SERIAL # 271018) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) ☒
10. Then strike the 80 MPH tuning fork (SERIAL # 070483) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) ☒
    Then strike the 80 MPH tuning fork (SERIAL # 070058) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) ☒

11. Vehicle Speed	12. RADAR Speed	13. Difference	14. Direction Vehicle/RADAR	15. Vehicle Driver	16. Vehicle Number	17. Vehicle Registration	18 .Vehicle Year	19. Vehicle Type
20 MPH	**20 MPH**	( )	SB / SB	**4039**	**414**	**MG44945**	**2001**	**Ford C/V**
30 MPH	**29 MPH**	- (1)	SB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	**40 MPH**	( )	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	**49 MPH**	- (1)	NB / SB	SAME	SAME	SAME	SAME	SAME
60 MPH	**60 MPH**	( )	NB / SB	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

20. RADAR Operator - **Ptl. Brian Boldizar**

Ptl. B Boldizar

21. Vehicle Operator: **Ptl. James Ford**

Pt. [signature]

FTPD-SPDCAL.DOC (Rev. 8/96)

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
06/11/2005	Ptl. Brian Boldizar	R266002943	2120 hrs.

5. Turn the K-55 RADAR on. [X]
6. Place The Stationary/Moving switch into the Stationary (STA) position. [X]
7. Place the CAL/ICT-L/T switch into the DOWN position. [X]
   (You should receive a reading of 88 in the patrol window and 188 in the target window.)
8. Place the CAL/ICT-L/T switch into the UP position. [X]
   (You should receive a reading of 32 in the target window.)
9. Then strike the 35 MPH tuning fork (SERIAL # 26966) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) [X]
   Thel strike the 80 MPH tuning fork (SERIAL # 271018) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) [X]
10. Then strike the 35 MPH tuning fork (SERIAL # 001148) against a Non-Metallic surface,and place it in front of the RADAR Antenna. (You should receive a reading of 35 in the target window.) [X]
    Then strike the 80 MPH tuning fork (SERIAL # 001294) against a Non-Metallic surface, and place it in front of the RADAR Antenna. (You should receive a reading of 80 in the target window.) [X]

11. Vehicle Speed	12. RADAR Speed	13. Difference	14. Direction Vehicle/RADAR	15. Vehicle Driver	16. Vehicle Number	17. Vehicle Registration	18 .Vehicle Year	19. Vehicle Type
20 MPH	20 MPH	( ) 0	SB / SB	4025	414	MG44945	2001	Ford
30 MPH	29 MPH	(-) 1	SB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	38 MPH	(-) 2	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	51 MPH	( ) 0	SB / SB	SAME	SAME	SAME	SAME	SAME
60 MPH	59 MPH	(-) 1	SB / SB	SAME	SAME	SAME	SAME	SAME

(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

20. RADAR Operator: Ptl. B Boldy

21. Vehicle Operator: