412

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 FB272018 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

412

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

Unit Copy

This certifies that 25.25 m.p.h. Tuning Fork Serial Number FA171711 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

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	County	State	
FLORENCE	BURLINGTON	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 Pt. No. 1 — Address
MUNICIPAL BLDG BROAD ST

City	County	State	Telephone Number
FLORENCE		NJ	(609)499-3131

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 JUL 10 2008 Serial # 171711

Todd L. Gardner

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

LITHO IN U.S.A

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 JUL 10 2008 Serial # 272018

Todd L. Gardner

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

LITHO. IN U.S.A

Certificate of Calibration

THIS IS TO CERTIFY THAT ALL APPLICABLE TESTS AND MEASUREMENTS HAVE BEEN MADE ON

MODEL K-55 BAND X-BAND MFTR MPH IND., INC.

SERIAL NUMBER 266002944 ANT #1 097004136 ANT #2 XXXXX

A "DOPPLER" TRAFFIC RADAR. THE AFORESTATED RADAR MEETS AND EXCEEDS ALL SPECIFICATIONS.

R & R RADAR, INC.
762 WHITE HORSE PIKE
ATCO, N.J. 08004

DATE JULY 27, 2007

SIGNED

©GOES400 LITHO IN U.S.A.

old 412

STATE OF NEW JERSEY
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Unit Copy

This certifies that 35 m.p.h. Tuning Fork Serial Number 269756 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 10,525 MHz X - Band will result in the stated m.p.h. value.

Agency certified for FLORENCE TWP. POLICE DEPT.

Burlington County

Louis E. Greenleaf
State Superintendent

Date 3/10/2008

LS

old 412

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

Unit Copy

This certifies that 80 m.p.h. Tuning Fork Serial Number 271003 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 10,525 MHz X - Band will result in the stated m.p.h. value.

Agency certified for FLORENCE TWP. POLICE DEPT.

Burlington County

Louis E. Greenleaf
State Superintendent

Date 3/10/2008

LS

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
02/02/2009	**Sgt. Brian Boldizar**	**266000630**	**0200 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 # 826439) 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 # 288061) 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 # 288233) 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**	( )	NB / NB	**4018**	**412**	**MG80776**	**2008**	**Ford C/V**
30 MPH	**31 MPH**	+ (1)	NB / NB	SAME	SAME	SAME	SAME	SAME
40 MPH	**41 MPH**	+ (1)	SB / NB	SAME	SAME	SAME	SAME	SAME
50 MPH	**50 MPH**	( )	NB / NB	SAME	SAME	SAME	SAME	SAME
60 MPH	**60 MPH**	( )	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. **Brian Boldizar**
Sgt. B Boldizar

21. Vehicle Operator: **Ptl. Darryl Scott**
Ptl Darryl Scott

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

Florence Township Police Department
Stalker Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
7/21/08	SGt. Benjamin Palombi III	DS33133	0238hrs

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	19 MPH	- (1)	E / E	4018	412	MG80776	2008	C/V
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	()	W / E	SAME	SAME	SAME	SAME	SAME
60 MPH	60 MPH	()	W / E	SAME	SAME	SAME	SAME	SAME

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

18. RADAR Operator **SGt. Benjamin Palombi III**
Sgt Ben Palombi III

19. Vehicle Operator: - **Ptl. Darryl Scott**
Ptl Darryl Scott

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

NEW CAR #
412

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
08/13/2007	**Ptl. Brian Boldizar**	**39471**	**0200 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 # 32852) 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 # 25916) 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 # 288064) 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 # 288233) 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**	( )	NB / NB	**4018**	**412**	**MG58483**	**2003**	**Ford C/V**
30 MPH	**29 MPH**	- (1)	NB / NB	SAME	SAME	SAME	SAME	SAME
40 MPH	**40 MPH**	( )	NB / NB	SAME	SAME	SAME	SAME	SAME
50 MPH	**49 MPH**	- (1)	SB / NB	SAME	SAME	SAME	SAME	SAME
60 MPH	**60 MPH**	( )	SB / NB	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. Darryl Scott**

Ptl Darryl Scott

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

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
02/24/2007	Ptl. Brian Boldizar	1806-2263	0200 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 # 073424) 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 # 969947u should receive a reading of 35 in the target window.) ☒
10. Then strike the 80 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 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	19 MPH	- (1)	SB / SB	4018	412	MG58483	2003	Ford C/V
30 MPH	30 MPH	( )	SB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	40 MPH	( )	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	50 MPH	( )	NB / SB	SAME	SAME	SAME	SAME	SAME
60 MPH	61 MPH	+ (1)	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. Darryl Scott**
Ptl Darryl Scott

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

S-4 3/26/07
BJ

Florence Township Police Department
Speed Calibration Sheet

Date:	2. Officer:	3. Radar Unit:	4. Time:
12/22/2006	Sgt. Benjamin Palombi III	1806-2263	0330 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 # 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.) [X]
   Thel 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.) [X]
10. Then strike the 35 MPH tuning fork (SERIAL # 073424) 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 # 969947) 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	19 MPH	1 (-)	SB / SB	4018	412	MG58483	2003	Ford
30 MPH	MPH	( )	SB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	MPH	( )	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	MPH	( )	NB / SB	SAME	SAME	SAME	SAME	SAME
60 MPH	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: Sgt Ben Palombi III

21. Vehicle Operator: Ptl David M. Scott

S-S 3/26/10