

CAC 407

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

Unit Copy

This certifies that 35 m.p.h. Tuning Fork Serial Number 003090
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.

Louis E. Grunberg
State Superintendent

Burlington County

Date 10/2/2009

LS

CAC 407

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 004005
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.

Louis E. Grunberg
State Superintendent

Burlington County

Date 10/2/2009

LS


Certificate of Calibration

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

MODEL	<u>K-55</u>	BAND	<u>X-BAND</u>	METR	<u>MPH/IND</u>
SERIAL NUMBER	<u>266003708</u>	ANT. #1	<u>097004935</u>	ANT. #2	<u>XXXXX</u>

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 October 5, 2008
SIGNED 

© GOES 406 LITHO IN U.S.A.

Car 407



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: FLORENCE, TOWNSHIP OF

FLORENCE, TOWNSHIP OF
711 BROAD ST
FLORENCE NJ 08518

Call Sign KEA396	File Number 0000896829
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	

Grant Date 05-23-2002	Effective Date 05-23-2002	Expiration Date 08-17-2012	Print Date 05-23-2002
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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 Pt. No. 1 Address
MUNICIPAL BLDG BROAD ST
City FLORENCE County State NJ Telephone Number (609)499-3131

Certificate of Calibration

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

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

SERIAL NUMBER 266003708 ANT #1 097004935 ANT #2 XXXXXX

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

R & R ELECTRONICS
920 MAYS LANDING ROAD
HAMMONTON, N.J. 08037

DATE NOVEMBER 21, 2008

SIGNED 

© GOES 400

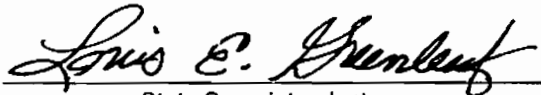
LITHO IN U.S.A.

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

Unit Copy

This certifies that 35 m.p.h. Tuning Fork Serial Number 288064 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.


State Superintendent

Burlington County

Date 3/10/2008



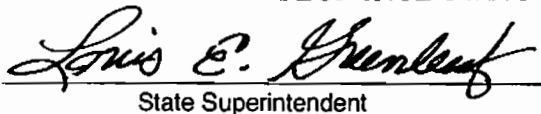
LS

**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 288233 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.


State Superintendent

Burlington County

Date 3/10/2008



LS

Florence Township Police Department Stalker Speed Calibration Sheet

Date: 02/08/2009	2. Officer: SGt. Benjamin Palombi III	3. Radar Unit: DS33133	4. Time: 1140hrs
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- 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	()	N / N	4029	407	MG58892	2004	C/V
30 MPH	28 MPH	(-) 2	N / N	SAME	SAME	SAME	SAME	SAME
40 MPH	39 MPH	(-) 1	N / N	SAME	SAME	SAME	SAME	SAME
50 MPH	50 MPH	()	N / N	SAME	SAME	SAME	SAME	SAME
60 MPH	60 MPH	()	S / N	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 	19. Vehicle Operator: - Ptl. Charles Levach
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Florence Township Police Department Speed Calibration Sheet

Date: **08/13/2007** 2. Officer: **Ptl. Brian Boldizar** 3. Radar Unit: **39471** 4. Time: **0140 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	19 MPH	- (1)	NB / NB	4032	407	MG58892	2005	Ford C/V
30 MPH	29 MPH	- (1)	NB / NB	SAME	SAME	SAME	SAME	SAME
40 MPH	39 MPH	- (1)	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

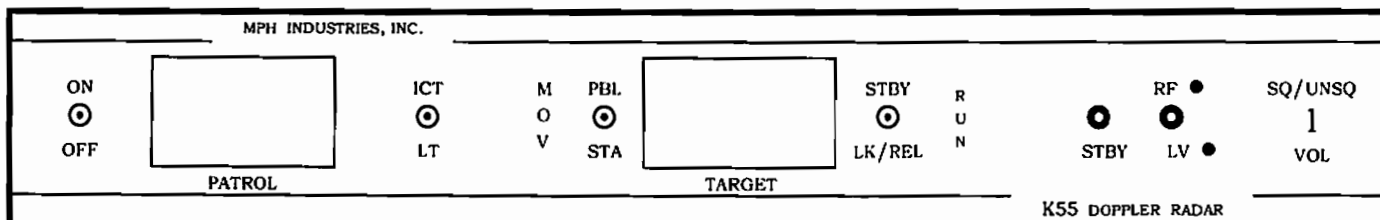
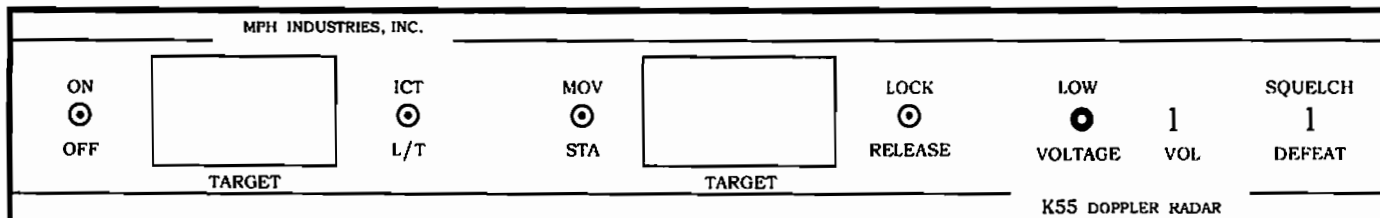
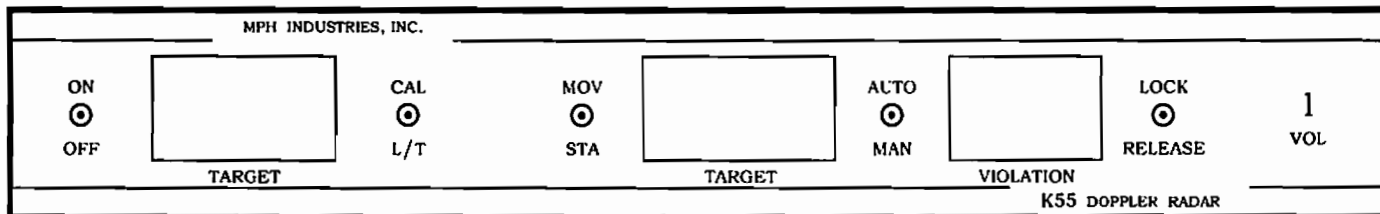
(+) Speedometer reads faster than actual vehicle speed. (-) Speedometer reads slower than actual vehicle speed.

20. RADAR Operator - **Ptl. Brian Boldizar** 21. Vehicle Operator: **Ptl. Brian Panaro**
Ptl. B. Boldizar *Ptl. Brian Panaro*

Florence Township Police Department Speed Calibration Sheet

Date: 04/12/2006	2. Officer: SGT. John A. Bunce	3. Radar Unit: 1806-2263	4. Time: 0243 hrs								
21. Turn the K-55 RADAR on. <input checked="" type="checkbox"/> 21. Place The Stationary/Moving switch into the Stationary (STA) position. <input checked="" type="checkbox"/> 21. Place the CAL/ICT-L/T switch into the DOWN position. <input checked="" type="checkbox"/> (You should receive a reading of 88 in the patrol window and 188 in the target window.) 21. Place the CAL/ICT-L/T switch into the UP position. <input checked="" type="checkbox"/> (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.) <input checked="" type="checkbox"/> Then strike the 35 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 35 in the target window.) <input checked="" type="checkbox"/> 10. 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.) <input checked="" type="checkbox"/> 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.) <input checked="" type="checkbox"/>											
21. Vehicle Speed	21. RADAR Speed	13. Difference	14. Direction Vehicle/RADAR	15. Vehicle Driver	16. Vehicle Number	17. Vehicle Registration	18. Vehicle Year	19. Vehicle Type			
25 MPH	25 MPH	0 ()	SB / SB	4035	407	MG58892	2005	Ford			
35 MPH	35 MPH	0 ()	SB / SB	SAME	SAME	SAME	SAME	SAME			
45 MPH	44 MPH	1 (-)	NB / SB	SAME	SAME	SAME	SAME	SAME			
55 MPH	55 MPH	0 ()	NB / SB	SAME	SAME	SAME	SAME	SAME			
65 MPH	65 MPH	0 ()	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. John A. Bunce					21. Vehicle Operator: Ptl. Timothy Sadar						

K55 RADAR FRONT PANEL CONTROLS



Florence Township Police Department Speed Calibration Sheet

Date: 02/11/2006	2. Officer: Sgt. Benjamin Palombi III	3. Radar Unit: 1806-2263	4. Time: 1045 hrs
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- | | |
|--|-------------------------------------|
| 5. Turn the K-55 RADAR on. | <input checked="" type="checkbox"/> |
| 6. Place The Stationary/Moving switch into the Stationary (STA) position. | <input checked="" type="checkbox"/> |
| 7. Place the CAL/ICT-L/T switch into the DOWN position.
<small>(You should receive a reading of 88 in the patrol window and 188 in the target window.)</small> | <input checked="" type="checkbox"/> |
| 8. Place the CAL/ICT-L/T switch into the UP position.
<small>(You should receive a reading of 32 in the target window.)</small> | <input checked="" type="checkbox"/> |
| 9. Then strike the 35 MPH tuning fork (SERIAL # <u>073424</u>) against a Non-Metallic surface, and place it in front of the RADAR Antenna. <small>(You should receive a reading of 35 in the target window.)</small>
Then strike the 35 MPH tuning fork (SERIAL # <u>288064</u>) against a Non-Metallic surface, and place it in front of the RADAR Antenna. <small>(You should receive a reading of 35 in the target window.)</small> | <input checked="" type="checkbox"/> |
| 10. Then strike the 80 MPH tuning fork (SERIAL # <u>969947</u>) against a Non-Metallic surface, and place it in front of the RADAR Antenna. <small>(You should receive a reading of 80 in the target window.)</small>
Then strike the 80 MPH tuning fork (SERIAL # <u>288233</u>) against a Non-Metallic surface, and place it in front of the RADAR Antenna. <small>(You should receive a reading of 80 in the target window.)</small> | <input checked="" type="checkbox"/> |

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)	WB / WB	4035	407	MG58892	2004	Ford C/V
30 MPH	30 MPH	()	WB / WB	SAME	SAME	SAME	SAME	SAME
40 MPH	40 MPH	()	WB / WB	SAME	SAME	SAME	SAME	SAME
50 MPH	51 MPH	+ (1)	EB / WB	SAME	SAME	SAME	SAME	SAME
60 MPH	60 MPH	()	EB / WB	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 	21. Vehicle Operator: Ptl. T.J.Sadar
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Florence Township Police Department Speed Calibration Sheet

Date: 12/31/2005	2. Officer: SGT. B. Palombi	3. Radar Unit: 1806-2263	4. Time: 1020 hrs.
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- 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 # **288064**) 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 # **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.)
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
25 MPH	25 MPH	0 ()	EB / WB	4030	407	MG58892	2004	FORD
35 MPH	35 MPH	0 ()	EB / WB	SAME	SAME	SAME	SAME	SAME
45 MPH	43 MPH	2 (--)	EB / WB	SAME	SAME	SAME	SAME	SAME
55 MPH	55 MPH	0 ()	EB / WB	SAME	SAME	SAME	SAME	SAME
65 MPH	65 MPH	0 ()	EB / WB	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:

M. D. Fisto

K55 RADAR FRONT PANEL CONTROLS

MPH INDUSTRIES, INC.

ON <input checked="" type="radio"/> OFF	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> TARGET	CAL <input checked="" type="radio"/> L/T	MOV <input checked="" type="radio"/> STA	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> TARGET	AUTO <input checked="" type="radio"/> MAN	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> VIOLATION	LOCK <input checked="" type="radio"/> RELEASE	1 VOL
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K55 DOPPLER RADAR

MPH INDUSTRIES, INC.

ON <input checked="" type="radio"/> OFF	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> TARGET	ICT <input checked="" type="radio"/> L/T	MOV <input checked="" type="radio"/> STA	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> TARGET	LOCK <input checked="" type="radio"/> RELEASE	LOW <input checked="" type="radio"/> VOLTAGE	1 VOL	SQUELCH 1 DEFEAT
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K55 DOPPLER RADAR

MPH INDUSTRIES, INC.

ON <input checked="" type="radio"/> OFF	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> PATROL	ICT <input checked="" type="radio"/> LT	M O V STA	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> TARGET	STBY <input checked="" type="radio"/> LK/REL	R U N	RF <input checked="" type="radio"/> LV	SQ/UNSQ 1 VOL
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K55 DOPPLER RADAR

Florence Township Police Department Speed Calibration Sheet

Date: 06/11/2005	2. Officer: Ptl. Brian Boldizar	3. Radar Unit: R266002943	4. Time: 2100 hrs.
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- | | |
|---|-----|
| 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.
(You should receive a reading of 88 in the patrol window and 188 in the target window.) | [X] |
| 8. Place the CAL/ICT-L/T switch into the UP position.
(You should receive a reading of 32 in the target window.) | [X] |
| 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] |
| The1 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 # 288064) 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 # 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.) | [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	21 MPH	(+) 1	SB / SB	4033	407	MG58892	2004	Ford
30 MPH	30 MPH	() 0	SB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	40 MPH	() 0	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	51 MPH	(+) 1	SB / 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.

20. RADAR Operator: <i>Ptl. B. Boldizar 4028</i>	21. Vehicle Operator: <i>Ptl. D.M. Filippis 4033</i>
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Florence Township Police Department Speed Calibration Sheet

Date: 08/10/04	2. Officer: Sgt. Alvin Scully	3. Radar Unit: 1806/2263	4. Time: 0416
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- | | |
|--|-------------------------------------|
| 5. Turn the K-55 RADAR on. | <input checked="" type="checkbox"/> |
| 6. Place The Stationary/Moving switch into the Stationary (STA) position. | <input checked="" type="checkbox"/> |
| 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.) | <input checked="" type="checkbox"/> |
| 8. Place the CAL/ICT-L/T switch into the UP position.
(You should receive a reading of 32 in the target window.) | <input checked="" type="checkbox"/> |
| 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 #288064) 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.) | <input checked="" type="checkbox"/> |
| 10. 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.)
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.) | <input checked="" type="checkbox"/> |

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	NB / SB	4017	407	MG58892 NJ	2004	Ford
30 MPH	29 MPH	(+) 1	NB / SB	SAME	SAME	SAME	SAME	SAME
40 MPH	39 MPH	(+) 1	SB / SB	SAME	SAME	SAME	SAME	SAME
50 MPH	50 MPH	() 0	SB / 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.

20. RADAR Operator: SGT. Alvin Scully <i>Alvin Scully</i>	21. Vehicle Operator: Ptl. Kenneth Link <i>Kenneth Link</i>
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K55 RADAR FRONT PANEL CONTROLS

