

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 [Signature]

© GOES 400

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**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.

[Signature]  
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.

[Signature]  
State Superintendent

Burlington County

Date 3/10/2008



LS



# Florence Township Police Department Stalker Speed Calibration Sheet

Date: <b>02/08/2009</b>	2. Officer: <b>SGt. Benjamin Palombi III</b>	3. Radar Unit: <b>DS33133</b>	4. Time: <b>1140hrs</b>
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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 <b>SGt. Benjamin Palombi III</b> 	19. Vehicle Operator: - <b>Ptl. Charles Levach</b> 
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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

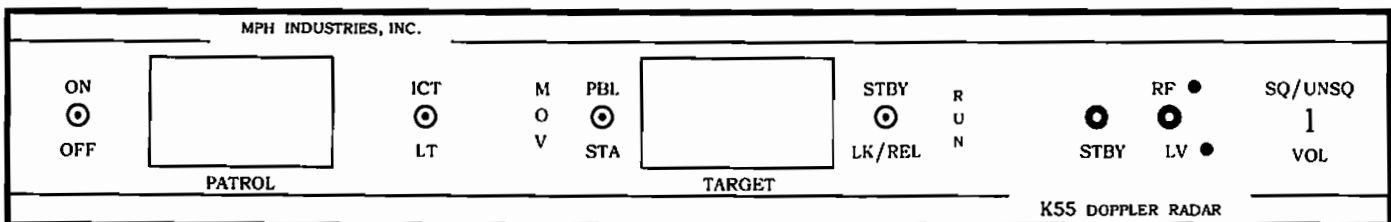
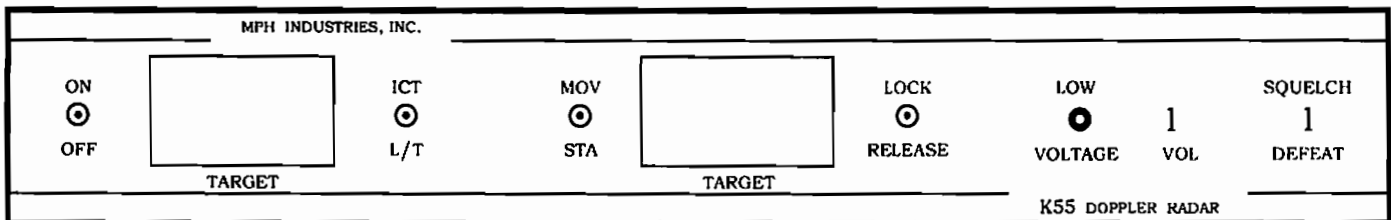
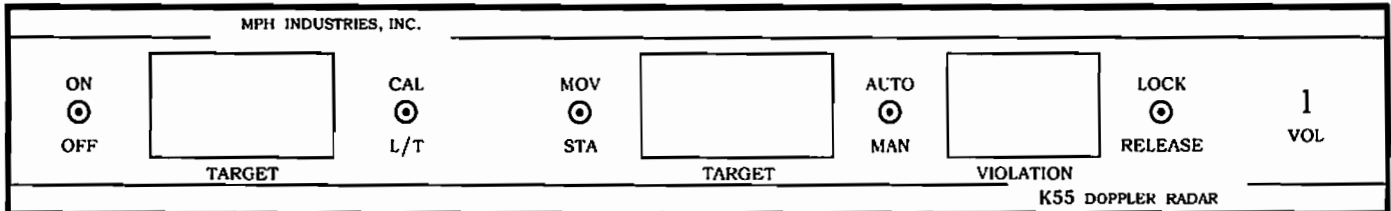
(+) Speedometer reads faster than actual vehicle speed.      (-) Speedometer reads slower than actual vehicle speed.

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: <b>04/12/2006</b>	2. Officer: <b>SGT. John A. Bunce</b>	3. Radar Unit: <b>1806-2263</b>	4. Time: <b>0243 hrs</b>						
21. Turn the K-55 RADAR on. <span style="float: right;"><input checked="" type="checkbox"/></span> 21. Place The Stationary/Moving switch into the Stationary (STA) position. <span style="float: right;"><input checked="" type="checkbox"/></span> 21. Place the CAL/ICT-L/T switch into the DOWN position. <span style="float: right;"><input checked="" type="checkbox"/></span> (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. <span style="float: right;"><input checked="" type="checkbox"/></span> (You should receive a reading of 32 in the target window.) 9. Then strike the 35 MPH tuning fork (SERIAL # <b>073424</b> ) 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.) <span style="float: right;"><input checked="" type="checkbox"/></span> Then strike the 35 MPH tuning fork (SERIAL # <b>288064</b> ) 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.) <span style="float: right;"><input checked="" type="checkbox"/></span> 10. Then strike the 80 MPH tuning fork (SERIAL # <b>969947</b> ) 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.) <span style="float: right;"><input checked="" type="checkbox"/></span> Then strike the 80 MPH tuning fork (SERIAL # <b>288233</b> ) 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.) <span style="float: right;"><input checked="" type="checkbox"/></span>									
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: <b>SGT. John A. Bunce</b>					21. Vehicle Operator: <b>Ptl. Timothy Sadar</b>				

## K55 RADAR FRONT PANEL CONTROLS



# Florence Township Police Department Speed Calibration Sheet

Date: <b>02/11/2006</b>	2. Officer: <b>Sgt. Benjamin Palombi III</b>	3. Radar Unit: <b>1806-2263</b>	4. Time: <b>1045 hrs</b>
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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.<br><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.<br><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><br>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><br>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 - <b>Sgt. Benjamin Palombi III</b> 	21. Vehicle Operator: <b>Ptl. T.J.Sadar</b> 
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# Florence Township Police Department Speed Calibration Sheet

Date: <b>12/31/2005</b>	2. Officer: <b>SGT. B. Palombi</b>	3. Radar Unit: <b>1806-2263</b>	4. Time: <b>1020 hrs.</b>
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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	<b>4030</b>	<b>407</b>	<b>MG58892</b>	<b>2004</b>	<b>FORD</b>
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	CAL <input checked="" type="radio"/> L/T	MOV <input checked="" type="radio"/> STA	AUTO <input checked="" type="radio"/> MAN	LOCK <input checked="" type="radio"/> RELEASE	1 VOL
TARGET	TARGET	TARGET	VIOLATION		

K55 DOPPLER RADAR

MPH INDUSTRIES, INC.

ON <input checked="" type="radio"/> OFF	ICT <input checked="" type="radio"/> L/T	MOV <input checked="" type="radio"/> STA	LOCK <input checked="" type="radio"/> RELEASE	LOW <input checked="" type="radio"/> VOLTAGE	1 VOL	SQUELCH 1 DEFEAT
TARGET	TARGET					

K55 DOPPLER RADAR

MPH INDUSTRIES, INC.

ON <input checked="" type="radio"/> OFF	ICT <input checked="" type="radio"/> LT	M O V STA	PBL <input checked="" type="radio"/> STA	STBY <input checked="" type="radio"/> LK/REL	R U N	RF <input checked="" type="radio"/> LV	SQ/UNSQ 1 VOL
PATROL	TARGET						

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.<br>(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.<br>(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: <b>08/10/04</b>	2. Officer: <b>Sgt. Alvin Scully</b>	3. Radar Unit: <b>1806/2263</b>	4. Time: <b>0416</b>
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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.<br>(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.<br>(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.)<br>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.)<br>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: <b>SGT. Alvin Scully</b> <i>Alvin Scully</i>	21. Vehicle Operator: <b>Ptl. Kenneth Link</b> <i>Kenneth Link</i>
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## K55 RADAR FRONT PANEL CONTROLS

