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WASHINGTON, D C

Jacobs Field
Quarterly Sound
Monitoring Report

March – May 2024



Jacobs Field Audio Equipment and Sound Measurement Standard Operating Protocol and Procedure Checklist

Created Date: 5/10/23, Last Revision: 10/24/23

Audio Equipment			
	Yes	No	Notes
Approved audio equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY the approved equipment located in the cabinet stored at Jacobs Field shall be used.
Approved laptop in place and connected directly to designated mixer port?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY laptop labelled "Approved for Use at Jacobs Field" may be used.
Speakers placed and facing proper direction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All speakers shall face directly away from the adjacent property ONLY and be placed at ground level per diagram.
Mixer channels set to marked levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Knobs shall not be turned past the red markings for each input.
No external sources of amplified sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All sources of amplified sound shall ONLY be connected to the mixer.
Digital signal processor power on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amplified sound shall ONLY be used when DSP is powered on.
Meter			
	Yes	No	Notes
Compliant meter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY NOR139 model meter shall be used.
Approved location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meter shall be in approved location for the entire monitoring period and mounted on a tripod at a height of approximately 5 feet.
Battery check completed and meter clock synced to time source?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Battery type: internal <input type="checkbox"/> external <input checked="" type="checkbox"/> NOTE: If battery low, replace prior to taking of measurements. Time source (e.g. phone, watch, etc...): <u>Angie's iPhone</u>
Calibration completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date and Time of Calibration: <u>2/23/24 4:32pm</u> Sensitivity Settings: <u>-26.7</u>
Meter setup complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Time weighting = Slow , Frequency weighting = A
Windscreen on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windscreen must be on prior to taking readings.
Wind speed and direction noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind speed: <u>4mph</u> Wind direction: <u>SE</u>



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Measurements						
	Yes	No				
Date and type of event noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: <u>2/29/24</u> Event type: <u>AU WLAX vs George Mason</u>			
Name of operator noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name: <u>Angela Rookey</u>			
Pregame startup test completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Source	Average (dBA)	Maximum (slow)	Duration (secs)
			Music	47.3	54.6	21
			PA	47.7	70.1	17
			Shot Clock			
			Horn	59.2	70.5	20
National Anthem start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>1:56pm</u> End time: <u>1:58pm</u>			
Team introductions start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>1:54pm</u> End time: <u>1:56pm</u>			
End time of each quarter noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Q1 end time: <u>2:28pm</u> Other:			
			Q2 end time: <u>2:57pm</u>			
			Q3 end time: <u>3:36pm</u>			
			Q4 end time: <u>4:08pm</u>			
Post-event battery voltage noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Voltage: <u>12.4</u>			
Meter data and raw data saved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	File name for measurements: <u>240229</u>			
Summary report generated and saved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Notes (e.g., reasons for answering "No" to any above, problems encountered, corrections needed, etc...):

NOTE: THE BELOW SHALL BE SIGNED AND DATED AFTER THE CHECKLIST HAS BEEN FULLY COMPLETED. AN ELECTRONIC COPY OF THIS CHECKLIST SHALL BE SAVED TO FILE.

Signature: Angela Rookey Date: 2/29/24

4710 Woodway Lane NW Residence ↑

MONITORING LOCATION →

Jacobs Field Reference Diagram 5/10/23

Horn Speaker

Bench Podium Bench

ASPHALT PATH

All speakers to be placed at ground level.

SCOREBOARD

Fixed Horns Height = ~ 8"
Pointed towards ground.

GREEN TURF

Fixed Horn Height = ~ 12"
Pointed towards ground.

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

NOT TO SCALE

Directory: C:\Users\chepulis\AppData\Local\Temp\Norsor File version v1.0/6.1.1.51

File	Date Wlaxv. George Mason	Duration	Status	LAeq	LAFmax	LASmax	LAFmin	LASmin	LAF,Perc2	LAF,Perc3	LAF,Perc4	LAF,Perc5	LAF,Perc6	LAF,Perc7	LAF,Perc8	
NOR139_7984499_240229_0001.NBF	(2024/02/29 13:33:43.00)	(0:0:21.0)	Anthem	N/A	47.3	60.2	54.6	42.5	44.2	57	49.7	47.9	45.7	43.9	43.5	42.8
NOR139_7984499_240229_0002.NBF	(2024/02/29 13:38:15.00)	(0:0:17.0)	PA	N/A	47.7	68.4	70.1	39.6	42.4	61.6	54.9	49.2	44.9	41.8	40.9	40.4
NOR139_7984499_240229_0003.NBF	(2024/02/29 13:40:37.00)	(0:0:5.0)	Horn	N/A	68.3	72.2	70.3	58.9	64.9	-	71.6	70.7	67.8	64.1	61.4	59.1
NOR139_7984499_240229_0005.NBF	(2024/02/29 13:43:32.00)	(0:0:20.0)		N/A	59.2	76.2	70.5	41.5	48	73.8	61.5	58.3	50.8	43	42.4	41.9
NOR139_7984499_240229_0006.NBF	(2024/02/29 13:44:17.00)	(0:0:15.0)	N/A	64.3	77.3	70.4	46.2	57.7	73.7	68.2	67.6	58.8	48.3	47.8	46.4	
NOR139_7984499_240229_0007.NBF	(2024/02/29 14:52:57.00)	(0:0:4.0)	N/A	69.2	75.6	72	58.3	65.2	-	73.9	72.8	66.6	62.1	61.1	58.9	
NOR139_7984499_240229_0008.NBF	(2024/02/29 14:53:21.00)	(0:1:38.0)	N/A	76	88	85.2	53.8	62	85.5	83.1	81.3	69.9	61.6	59.6	57.2	
NOR139_7984499_240229_0009.NBF	(2024/02/29 14:55:01.00)	(0:4:58.0)	N/A	69.3	86.3	82.4	41.5	47.7	81.7	75.4	71.6	63.5	53.8	51.1	44.4	
NOR139_7984499_240229_0010.NBF	(2024/02/29 15:00:01.00)	(0:4:58.0)	N/A	73.8	89.4	87	43.2	55.1	84.4	80.7	77.4	67.7	58	55.1	50.4	
NOR139_7984499_240229_0011.NBF	(2024/02/29 15:05:01.00)	(0:4:58.0)	N/A	72.6	86.8	84.4	47.1	55.8	83.2	79.1	76.2	67	59	56.6	52	
NOR139_7984499_240229_0012.NBF	(2024/02/29 15:10:01.00)	(0:4:58.0)	N/A	72	87.3	84	44.7	55.4	82.5	78.4	75.6	66.6	57.7	55.1	50.8	
NOR139_7984499_240229_0013.NBF	(2024/02/29 15:15:02.00)	(0:4:57.0)	N/A	69.8	84.3	80.8	43.4	47.3	80.6	76.3	74	62.4	49.8	47.8	45.7	
NOR139_7984499_240229_0014.NBF	(2024/02/29 15:20:02.00)	(0:4:57.0)	N/A	71.8	86	83.1	47.8	53.7	82.3	77.8	75.6	66.8	57.8	55	51.4	
NOR139_7984499_240229_0015.NBF	(2024/02/29 15:25:02.00)	(0:4:57.0)	N/A	69.8	85.7	81.1	45.5	50.1	80.5	76.3	73.7	63.4	53.4	51.1	48.5	
NOR139_7984499_240229_0016.NBF	(2024/02/29 15:30:02.00)	(0:4:57.0)	N/A	70.9	87.1	82.5	45.6	49.4	82.1	77.4	74.4	64.7	51.5	49.9	47.9	
NOR139_7984499_240229_0017.NBF	(2024/02/29 15:35:02.00)	(0:4:57.0)	N/A	73.9	91.1	87.3	43.9	50.9	85.9	80	77.1	65.3	55.9	53.8	49.6	
NOR139_7984499_240229_0018.NBF	(2024/02/29 15:40:01.00)	(0:4:58.0)	N/A	70.3	86.5	81.5	47	55.7	80	76.5	73.6	65.5	57.2	55.4	52	
NOR139_7984499_240229_0019.NBF	(2024/02/29 15:45:01.00)	(0:4:58.0)	N/A	73.2	89.7	86.7	45.1	57.4	82.8	78.9	76.8	68.5	59.6	56.9	51.6	
NOR139_7984499_240229_0020.NBF	(2024/02/29 15:50:02.00)	(0:4:57.0)	N/A	70.9	85.7	81.5	40.8	45.8	81.5	77.6	74.8	64.4	52.9	50.2	43.3	
NOR139_7984499_240229_0021.NBF	(2024/02/29 15:55:01.00)	(0:4:58.0)	N/A	68	84	80.5	39.4	41.3	79.1	75.4	72.4	53.8	42.8	42.1	41.1	
NOR139_7984499_240229_0022.NBF	(2024/02/29 16:00:02.00)	(0:4:57.0)	N/A	48.1	62.9	58.3	39.9	41.7	55.3	52.6	51.4	45.6	42.5	42.1	41.1	
NOR139_7984499_240229_0023.NBF	(2024/02/29 16:05:02.00)	(0:4:57.0)	N/A	68.1	86.6	82	44.1	45.6	78.8	75	72.5	56.6	48.1	47.1	45.4	
NOR139_7984499_240229_0024.NBF	(2024/02/29 16:10:01.00)	(0:4:58.0)	N/A	71.8	87.9	84.3	49.4	57.6	82.4	78.1	75.5	66.3	58.2	56.2	52.7	
NOR139_7984499_240229_0025.NBF	(2024/02/29 16:15:02.00)	(0:4:57.0)	N/A	73.7	87.2	83.2	46.9	56.2	83.3	79.8	77.7	69.7	61.4	58.5	52.7	
NOR139_7984499_240229_0026.NBF	(2024/02/29 16:20:02.00)	(0:4:57.0)	N/A	72.3	89.9	87.2	43.3	46.4	83.2	78.6	75.9	63.9	49.7	47.7	45.3	
NOR139_7984499_240229_0027.NBF	(2024/02/29 16:25:02.00)	(0:4:57.0)	N/A	73.6	90.7	87.1	47.6	51	85.3	80.3	77.2	66.2	56.1	53.3	50.1	
NOR139_7984499_240229_0028.NBF	(2024/02/29 16:30:02.00)	(0:4:57.0)	N/A	70.5	86.6	83.5	42.4	45.3	82.3	77.7	74.5	58.8	49.6	47.6	45.2	
NOR139_7984499_240229_0029.NBF	(2024/02/29 16:35:01.00)	(0:4:58.0)	N/A	68.2	87	82.6	41.9	45.3	79.4	74.4	71.5	60.8	51.8	48.9	44.8	
NOR139_7984499_240229_0030.NBF	(2024/02/29 16:40:02.00)	(0:4:57.0)	N/A	71.1	85.1	82.5	48.2	55.5	81.5	77.6	74.7	66.4	58.5	56.3	52.3	
NOR139_7984499_240229_0031.NBF	(2024/02/29 16:45:02.00)	(0:4:57.0)	N/A	75.7	87.4	85.5	43.6	46.2	85.5	82.6	80.3	69.6	56.6	51.2	45.2	
NOR139_7984499_240229_0032.NBF	(2024/02/29 16:50:02.00)	(0:4:57.0)	N/A	70.1	85.8	80.4	44.4	49.3	81.1	76.8	74.1	63.4	52.7	50.6	47	
NOR139_7984499_240229_0033.NBF	(2024/02/29 16:55:01.00)	(0:4:58.0)	N/A	71.6	83.5	81.1	48.7	54.8	81.6	77.3	75.3	68	58.7	56.2	51.9	
NOR139_7984499_240229_0034.NBF	(2024/02/29 17:00:02.00)	(0:4:57.0)	N/A	72.3	86.6	84.9	41.9	45	83.9	79.3	76	60.9	47.2	45.8	43.9	
NOR139_7984499_240229_0035.NBF	(2024/02/29 17:05:02.00)	(0:4:57.0)	N/A	72	90.6	87.8	41.8	44	83.7	77.8	74.9	63.1	48.7	46.2	43.6	
NOR139_7984499_240229_0036.NBF	(2024/02/29 17:10:02.00)	(0:4:57.0)	N/A	54.9	74.1	68.7	42.4	45.1	65.1	60.1	57.8	51.2	46.2	45.4	44.3	
NOR139_7984499_240229_0037.NBF	(2024/02/29 17:15:02.00)	(0:4:0.0)	N/A	52.4	72.3	66.8	41.3	43.6	61.6	56	54.3	49.7	46	44.6	42.6	



Jacobs Field Audio Equipment and Sound Measurement Standard Operating Protocol and Procedure Checklist

Created Date: 5/10/23, Last Revision: 10/24/23

Audio Equipment			
	Yes	No	Notes
Approved audio equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY the approved equipment located in the cabinet stored at Jacobs Field shall be used.
Approved laptop in place and connected directly to designated mixer port?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY laptop labelled "Approved for Use at Jacobs Field" may be used.
Speakers placed and facing proper direction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All speakers shall face directly away from the adjacent property ONLY and be placed at ground level per diagram.
Mixer channels set to marked levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Knobs shall not be turned past the red markings for each input.
No external sources of amplified sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All sources of amplified sound shall ONLY be connected to the mixer.
Digital signal processor power on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amplified sound shall ONLY be used when DSP is powered on.
Meter			
	Yes	No	Notes
Compliant meter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY NOR139 model meter shall be used.
Approved location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meter shall be in approved location for the entire monitoring period and mounted on a tripod at a height of approximately 5 feet.
Battery check completed and meter clock synced to time source?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Battery type: internal <input type="checkbox"/> external <input checked="" type="checkbox"/> NOTE: If battery low, replace prior to taking of measurements. Time source (e.g. phone, watch, etc...): <u>Angie's iPhone</u>
Calibration completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date and Time of Calibration: <u>3/15/24 5:05pm</u> Sensitivity Settings: <u>-27.6</u>
Meter setup complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Time weighting = Slow , Frequency weighting = A
Windscreen on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windscreen must be on prior to taking readings.
Wind speed and direction noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind speed: <u>6mph</u> Wind direction: <u>S</u>



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Measurements																							
	Yes	No																					
Date and type of event noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: <u>3/16/24</u> Event type: <u>AU WLAX vs Siena</u>																				
Name of operator noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name: <u>Angela Rookey</u>																				
Pregame startup test completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <thead> <tr> <th>Source</th> <th>Average (dBA)</th> <th>Maximum (slow)</th> <th>Duration (secs)</th> </tr> </thead> <tbody> <tr> <td>Music</td> <td>59.7</td> <td>67.8</td> <td>18</td> </tr> <tr> <td>PA</td> <td>62</td> <td>72.2</td> <td>18</td> </tr> <tr> <td>Shot Clock</td> <td>65</td> <td>72.6</td> <td>17</td> </tr> <tr> <td>Horn</td> <td>51.3</td> <td>56.1</td> <td>8</td> </tr> </tbody> </table>	Source	Average (dBA)	Maximum (slow)	Duration (secs)	Music	59.7	67.8	18	PA	62	72.2	18	Shot Clock	65	72.6	17	Horn	51.3	56.1	8
Source	Average (dBA)	Maximum (slow)	Duration (secs)																				
Music	59.7	67.8	18																				
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Shot Clock	65	72.6	17																				
Horn	51.3	56.1	8																				
National Anthem start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:58am</u> End time: <u>11:59am</u>																				
Team introductions start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:54am</u> End time: <u>11:57am</u>																				
End time of each quarter noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Q1 end time: <u>12:30pm</u> Other: _____ Q2 end time: <u>12:57pm</u> Q3 end time: <u>1:33pm</u> Q4 end time: <u>2:04pm</u>																				
Post-event battery voltage noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Voltage: <u>12.3</u>																				
Meter data and raw data saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	File name for measurements: <u>240316</u>																				
Summary report generated and saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					

Notes (e.g., reasons for answering "No" to any above, problems encountered, corrections needed, etc...):
 The calibration and pregame start up test were completed correctly but game data was not saved to the device due to operator error. Staff regrets the error and has received additional training to ensure proper operation in the future.

NOTE: THE BELOW SHALL BE SIGNED AND DATED AFTER THE CHECKLIST HAS BEEN FULLY COMPLETED. AN ELECTRONIC COPY OF THIS CHECKLIST SHALL BE SAVED TO FILE.

Signature: Angela Rookey Date: 3/16/24

4710 Woodway Lane NW Residence ↑

MONITORING LOCATION →

Jacobs Field Reference Diagram 5/10/23

Horn Speaker

Bench

Podium

Bench

ASPHALT PATH

All speakers to be placed at ground level.

SCOREBOARD

Fixed Horns Height = ~ 8"
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Bleacher

Bleacher

NOT TO SCALE

Directory:		C:\Users\chepulis\AppData\Local\Temp\Norsor File version v1.0/6.1.1.51														
File	Date Wlax v. Siena	Duration	Status	LAEq	LAFmax	LASmax	LAFmin	LASmin	LAF,Perc2	LAF,Perc3	LAF,Perc4	LAF,Perc5	LAF,Perc6	LAF,Perc7	LAF,Perc8	
NOR139_7984499_240316_0001.NBF	(2024/03/16 10:20:06.00)	(0:0:18.0) Anthem	N/A	59.7	64.7	67.8	48.3	57	64.4	62.7	62.1	59.3	55.8	54.6	49.8	
NOR139_7984499_240316_0002.NBF	(2024/03/16 10:20:38.00)	(0:0:18.0) PA	N/A	62	78.1	72.2	46.7	55.2	77	63.2	61.4	57	53.7	52.2	48.6	
NOR139_7984499_240316_0003.NBF	(2024/03/16 10:21:12.00)	(0:0:17.0) Shot Clock	N/A	65	79.5	72.6	47.3	56.2	76.5	68.4	68	59.7	50.1	49.1	47.7	
NOR139_7984499_240316_0004.NBF	(2024/03/16 10:21:50.00)	(0:0:8.0) Horn	N/A	51.3	55.5	56.1	47.4	49.6	-	53.6	53.1	51	48.9	48.1	47.4	



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	Yes	No	Notes
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Meter setup complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Time weighting = Slow , Frequency weighting = A
Windscreen on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windscreen must be on prior to taking readings.
Wind speed and direction noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind speed: <u>5mph</u> Wind direction: <u>SE</u>



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W A S H I N G T O N , D C

Measurements						
	Yes	No				
Date and type of event noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: <u>3/23/24</u> Event type: <u>AU WLAX vs Colgate</u>			
Name of operator noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name: <u>Angela Rookey</u>			
Pregame startup test completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Source	Average (dBA)	Maximum (slow)	Duration (secs)
			Music	61.2	63.1	12
			PA	74.1	82.4	15
			Shot Clock			
			Horn			
National Anthem start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>12:57pm</u> End time: <u>12:58pm</u>			
Team introductions start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>12:54pm</u> End time: <u>12:57pm</u>			
End time of each quarter noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Q1 end time: <u>1:22pm</u> Other:			
			Q2 end time: <u>1:50pm</u>			
			Q3 end time: <u>2:27pm</u>			
			Q4 end time: <u>3:05pm</u>			
Post-event battery voltage noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Voltage: <u>12.5</u>			
Meter data and raw data saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	File name for measurements: <u>240323</u>			
Summary report generated and saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Notes (e.g., reasons for answering "No" to any above, problems encountered, corrections needed, etc...):

The calibration and pregame start up test were completed correctly but game data was not saved to the device due to operator error. Staff regrets the error and has received additional training to ensure proper operation in the future.

NOTE: THE BELOW SHALL BE SIGNED AND DATED AFTER THE CHECKLIST HAS BEEN FULLY COMPLETED. AN ELECTRONIC COPY OF THIS CHECKLIST SHALL BE SAVED TO FILE.

Signature: Angela Rookey Date: 3/23/24

4710 Woodway Lane NW Residence ↑

MONITORING LOCATION → ★

Jacobs Field Reference Diagram 5/10/23

Horn Speaker

Bench

Podium

Bench

ASPHALT PATH

All speakers to be placed at ground level.

SCOREBOARD

Fixed Horns Height = ~ 8"
Pointed towards ground.

GREEN TURF

Fixed Horn Height = ~ 12"
Pointed towards ground.

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

NOT TO SCALE

Directory:

C:\Users\chepulis\AppData\Local\Temp\Norson File version v1.0/6.1.1.51

File	Date Wlax v Colgate	Duration	Status	LAeq	LAFmax	LASmax	LAFmin	LASmin	LAF,Perc2	LAF,Perc3	LAF,Perc4	LAF,Perc5	LAF,Perc6	LAF,Perc7	LAF,Perc8
NOR139_7984499_240323_0002.NBF	(2024/03/23 12:06:40.00)	(0:0:12.0) Anthem	N/A	61.2	66.4	63.1	52.2	56.8	65	64.2	63.1	60.9	57.7	56.9	52.7
NOR139_7984499_240323_0003.NBF	(2024/03/23 12:07:02.00)	(0:0:15.0) PA	N/A	74.1	88	82.4	44.9	62.1	87.1	82.3	72.6	69	49.4	46.7	45.3



Jacobs Field Audio Equipment and Sound Measurement Standard Operating Protocol and Procedure Checklist

Created Date: 5/10/23, Last Revision: 10/24/23

Audio Equipment			
	Yes	No	Notes
Approved audio equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY the approved equipment located in the cabinet stored at Jacobs Field shall be used.
Approved laptop in place and connected directly to designated mixer port?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY laptop labelled "Approved for Use at Jacobs Field" may be used.
Speakers placed and facing proper direction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All speakers shall face directly away from the adjacent property ONLY and be placed at ground level per diagram.
Mixer channels set to marked levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Knobs shall not be turned past the red markings for each input.
No external sources of amplified sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All sources of amplified sound shall ONLY be connected to the mixer.
Digital signal processor power on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amplified sound shall ONLY be used when DSP is powered on.
Meter			
	Yes	No	Notes
Compliant meter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY NOR139 model meter shall be used.
Approved location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meter shall be in approved location for the entire monitoring period and mounted on a tripod at a height of approximately 5 feet.
Battery check completed and meter clock synced to time source?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Battery type: internal <input type="checkbox"/> external <input checked="" type="checkbox"/> NOTE: If battery low, replace prior to taking of measurements. Time source (e.g. phone, watch, etc...): <u>Angie's iPhone</u>
Calibration completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date and Time of Calibration: <u>3/29/24 3:30pm</u> Sensitivity Settings: <u>-27.6</u>
Meter setup complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Time weighting = Slow , Frequency weighting = A
Windscreen on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windscreen must be on prior to taking readings.
Wind speed and direction noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind speed: <u>7mph</u> Wind direction: <u>SW</u>



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W A S H I N G T O N , D C

Measurements						
	Yes	No				
Date and type of event noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: <u>3/30/24</u> Event type: <u>AU WLAX vs Holy Cross</u>			
Name of operator noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name: <u>Angela Rookey</u>			
Pregame startup test completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Source	Average (dBA)	Maximum (slow)	Duration (secs)
			Music	61.6	64.4	26
			PA	52.2	68	23
			Shot Clock			
			Horn	69.8	71.7	11
National Anthem start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:57am</u> End time: <u>11:58am</u>			
Team introductions start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:54am</u> End time: <u>11:57am</u>			
End time of each quarter noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Q1 end time: <u>12:30pm</u> Other: _____ Q2 end time: <u>12:55pm</u> Q3 end time: <u>1:30pm</u> Q4 end time: <u>2:10pm</u>			
Post-event battery voltage noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Voltage: <u>12.4</u>			
Meter data and raw data saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	File name for measurements: <u>240330</u>			
Summary report generated and saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Notes (e.g., reasons for answering "No" to any above, problems encountered, corrections needed, etc...):

The calibration and pregame start up test were completed correctly but game data was not saved to the device due to operator error. Staff regrets the error and has received additional training to ensure proper operation in the future.

NOTE: THE BELOW SHALL BE SIGNED AND DATED AFTER THE CHECKLIST HAS BEEN FULLY COMPLETED. AN ELECTRONIC COPY OF THIS CHECKLIST SHALL BE SAVED TO FILE.

Signature: Angela Rookey Date: 3/30/24

4710 Woodway Lane NW Residence ↑

MONITORING LOCATION →

Jacobs Field Reference Diagram 5/10/23

Horn Speaker

Bench

Podium

Bench

ASPHALT PATH

All speakers to be placed at ground level.

SCOREBOARD

Fixed Horns Height = ~ 8"
Pointed towards ground.

GREEN TURF

Fixed Horn Height = ~ 12"
Pointed towards ground.

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

NOT TO SCALE

Directory:

C:\Users\chepulis\AppData\Local\Temp\Nors File version v1.0/6.1.1.51

File	Date Wlax v Holy Cross	Duration	Status	LAeq	LAFmax	LASmax	LAFmin	LASmin	LAF,Perc2	LAF,Perc3	LAF,Perc4	LAF,Perc5	LAF,Perc6	LAF,Perc7	LAF,Perc8	
NOR139_7984499_240330_0001.NBF	(2024/03/30 10:03:06.00)	(0:0:26.0)	Anthem	N/A	61.6	66.5	64.4	38	40.9	66.1	65.3	64.7	61.7	40	39.3	38.5
NOR139_7984499_240330_0002.NBF	(2024/03/30 10:03:45.00)	(0:0:23.0)	PA	N/A	52.2	68.8	68	39.8	45.4	62.3	56.4	54.7	47.8	42.8	41.9	40.1
NOR139_7984499_240330_0003.NBF	(2024/03/30 10:04:18.00)	(0:0:11.0)	Horn	N/A	69.8	74.2	71.7	43.3	63.1	74	73.6	73.5	67.1	49.6	48	44.8



Jacobs Field Audio Equipment and Sound Measurement Standard Operating Protocol and Procedure Checklist

Created Date: 5/10/23, Last Revision: 10/24/23

Audio Equipment			
	Yes	No	Notes
Approved audio equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY the approved equipment located in the cabinet stored at Jacobs Field shall be used.
Approved laptop in place and connected directly to designated mixer port?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY laptop labelled "Approved for Use at Jacobs Field" may be used.
Speakers placed and facing proper direction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All speakers shall face directly away from the adjacent property ONLY and be placed at ground level per diagram.
Mixer channels set to marked levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Knobs shall not be turned past the red markings for each input.
No external sources of amplified sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All sources of amplified sound shall ONLY be connected to the mixer.
Digital signal processor power on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amplified sound shall ONLY be used when DSP is powered on.
Meter			
	Yes	No	Notes
Compliant meter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ONLY NOR139 model meter shall be used.
Approved location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meter shall be in approved location for the entire monitoring period and mounted on a tripod at a height of approximately 5 feet.
Battery check completed and meter clock synced to time source?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Battery type: internal <input type="checkbox"/> external <input checked="" type="checkbox"/> NOTE: If battery low, replace prior to taking of measurements. Time source (e.g. phone, watch, etc...): <u>Angie's iPhone</u>
Calibration completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date and Time of Calibration: <u>4/12/24 5:05pm</u> Sensitivity Settings: <u>-27.6</u>
Meter setup complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Time weighting = Slow , Frequency weighting = A
Windscreen on?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windscreen must be on prior to taking readings.
Wind speed and direction noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind speed: <u>6mph</u> Wind direction: <u>S</u>



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W A S H I N G T O N , D C

Measurements						
	Yes	No				
Date and type of event noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: <u>4/13/24</u> Event type: <u>AU WLAX vs Bucknell</u>			
Name of operator noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name: <u>Angela Rookey</u>			
Pregame startup test completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Source	Average (dBA)	Maximum (slow)	Duration (secs)
			Music	57.4	67.8	16
			PA	47.6	67.6	17
			Shot Clock			
			Horn	67.5	78.2	16
National Anthem start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:58am</u> End time: <u>12:00pm</u>			
Team introductions start and end times noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Start time: <u>11:55am</u> End time: <u>11:58am</u>			
End time of each quarter noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Q1 end time: <u>12:30pm</u> Other: _____ Q2 end time: <u>12:59pm</u> Q3 end time: <u>1:37pm</u> Q4 end time: <u>2:07pm</u>			
Post-event battery voltage noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Voltage: <u>12.3</u>			
Meter data and raw data saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	File name for measurements: <u>240413</u>			
Summary report generated and saved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Notes (e.g., reasons for answering "No" to any above, problems encountered, corrections needed, etc...):

The calibration and pregame start up test were completed correctly but game data was not saved to the device due to operator error. Staff regrets the error and has received additional training to ensure proper operation in the future.

NOTE: THE BELOW SHALL BE SIGNED AND DATED AFTER THE CHECKLIST HAS BEEN FULLY COMPLETED. AN ELECTRONIC COPY OF THIS CHECKLIST SHALL BE SAVED TO FILE.

Signature: Angela Rookey Date: 4/13/24

4710 Woodway Lane NW Residence ↑

MONITORING LOCATION →

Jacobs Field Reference Diagram 5/10/23

Horn Speaker

Bench

Podium

Bench

ASPHALT PATH

All speakers to be placed at ground level.

SCOREBOARD

Fixed Horns Height = ~ 8"
Pointed towards ground.

GREEN TURF

Fixed Horn Height = ~ 12"
Pointed towards ground.

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

Bleacher

NOT TO SCALE

Directory:

C:\Users\chepulis\AppData\Local\Temp\Nors\ File version v1.0/6.1.1.51

File	Date WLAX v Bucknell	Duration	Status	LAeq	LAFmax	LASmax	LAFmin	LASmin	LAF,Perc2	LAF,Perc3	LAF,Perc4	LAF,Perc5	LAF,Perc6	LAF,Perc7	LAF,Perc8
NOR139_7984499_240413_0001.NBF	(2024/04/13 10:03:52.00)	(0:0:16.0)	Anthem	N/A	57.4	63	67.8	49.1	55.7	61.7	60.7	59.2	57	54.8	51.5
NOR139_7984499_240413_0002.NBF	(2024/04/13 10:04:31.00)	(0:0:17.0)	PA	N/A	47.6	55.5	67.6	43.1	44.5	52.9	51.5	50.3	46.4	43.7	43.2
NOR139_7984499_240413_0003.NBF	(2024/04/13 10:05:03.00)	(0:0:16.0)	Horn	N/A	67.5	84.1	78.2	43.8	51.7	82.5	66.6	65.7	56.6	44.6	44