

# APPENDIX A

## Time History Noise Event Plots

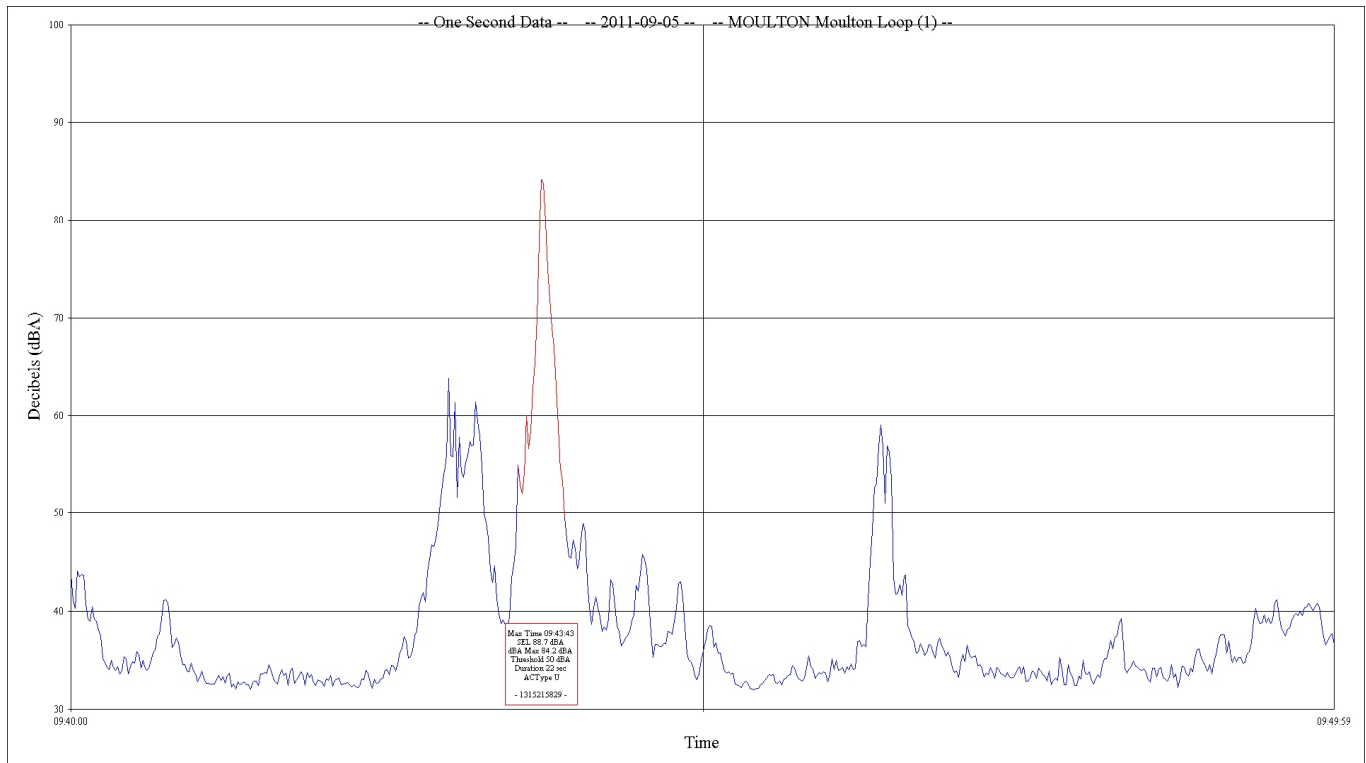
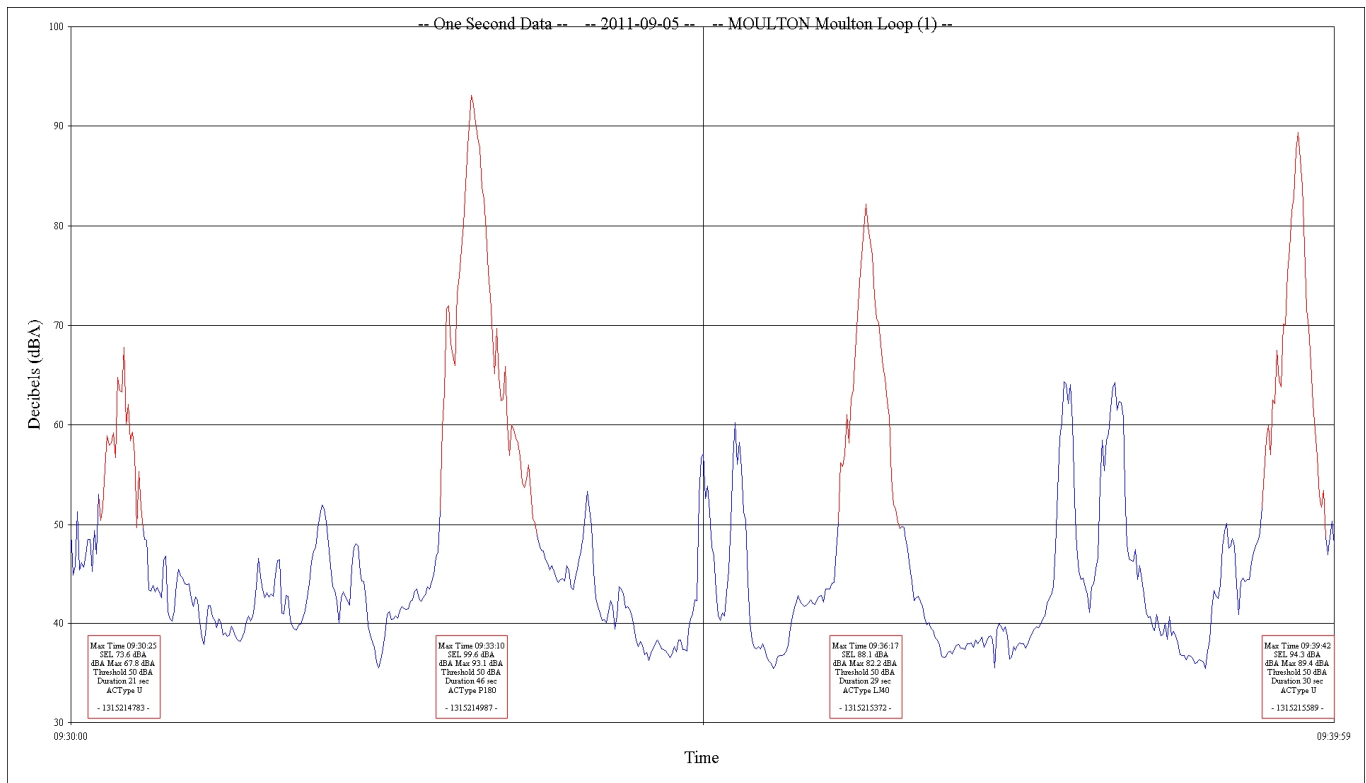


# Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 5, 2011 09:30:00 to September 5, 2011 09:49:59

Site: Moulton Loop

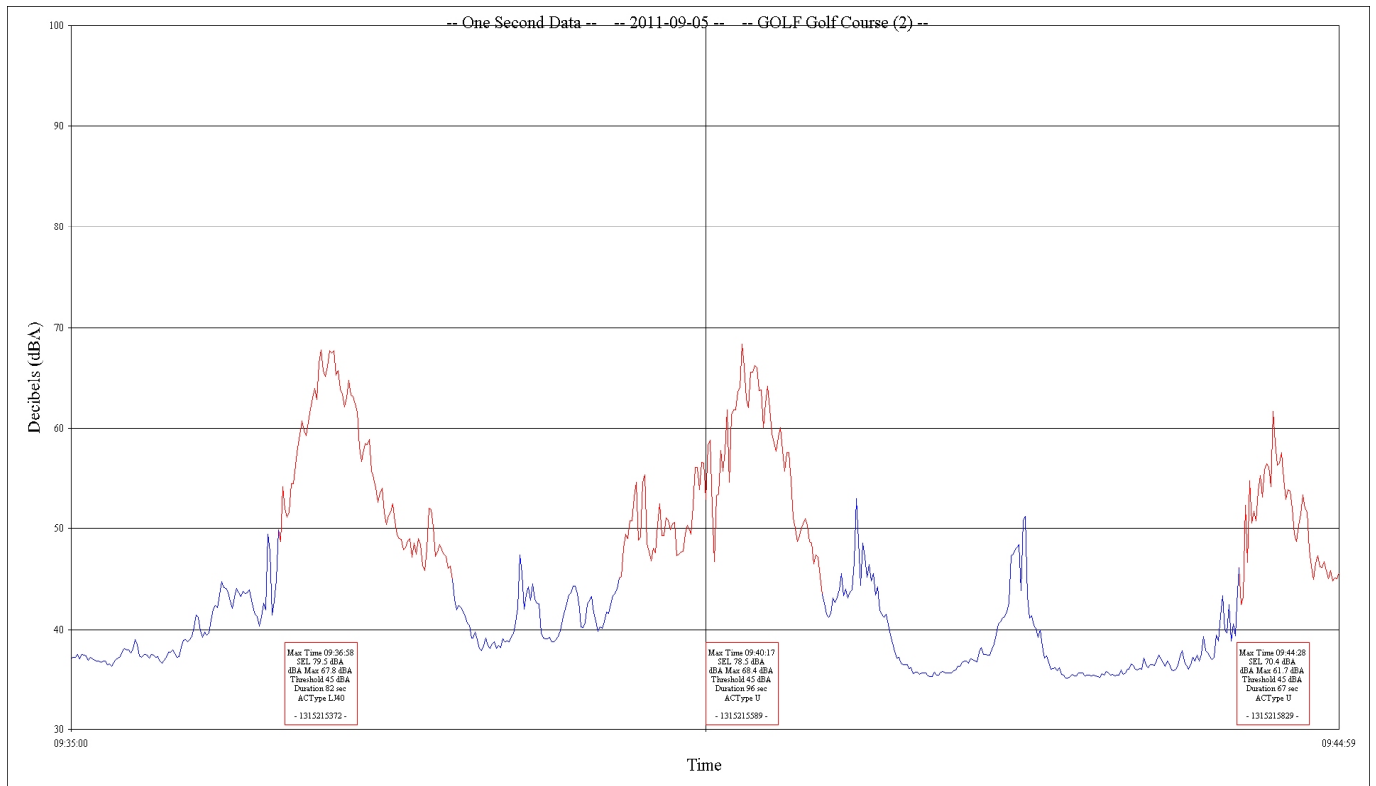
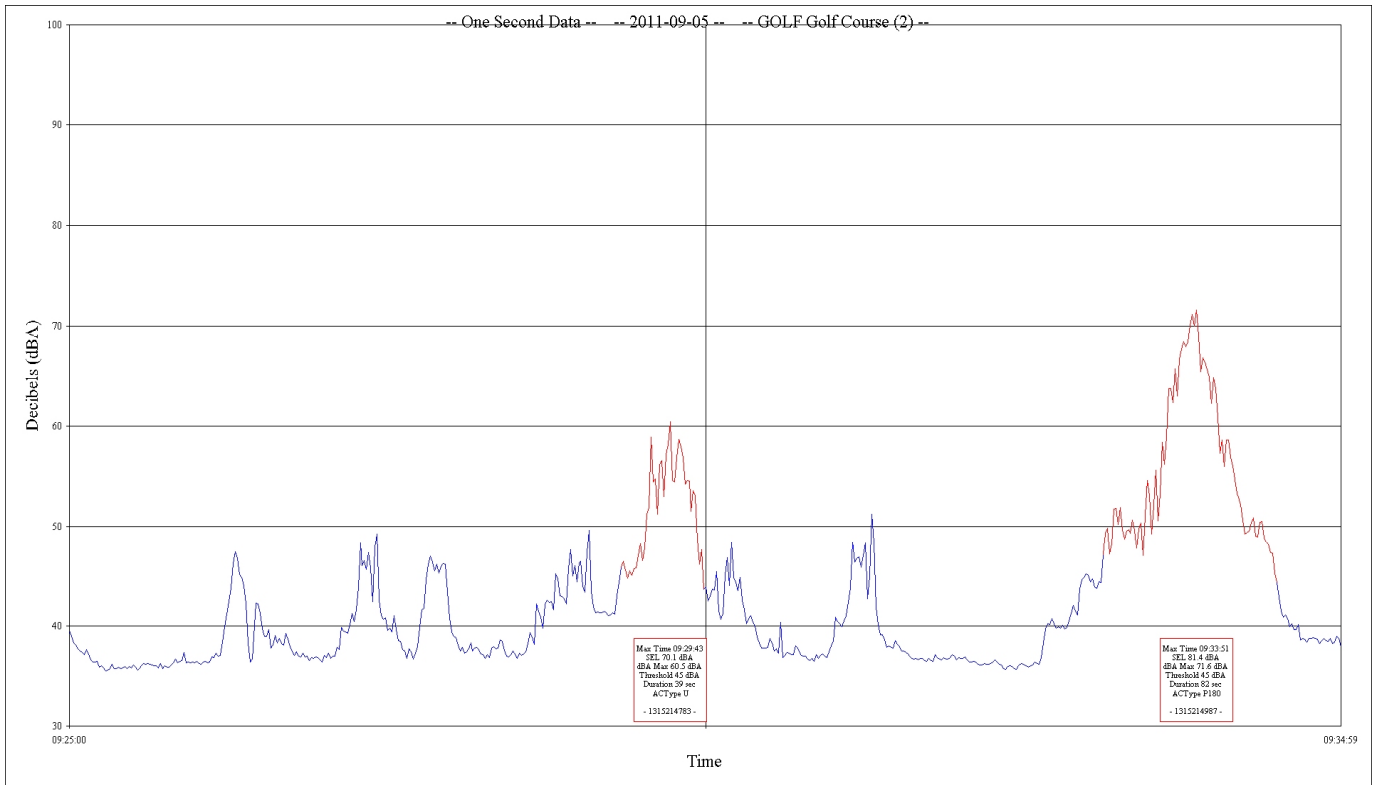


# Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 5, 2011 09:25:00 to September 5, 2011 09:44:59

Site: Golf Course

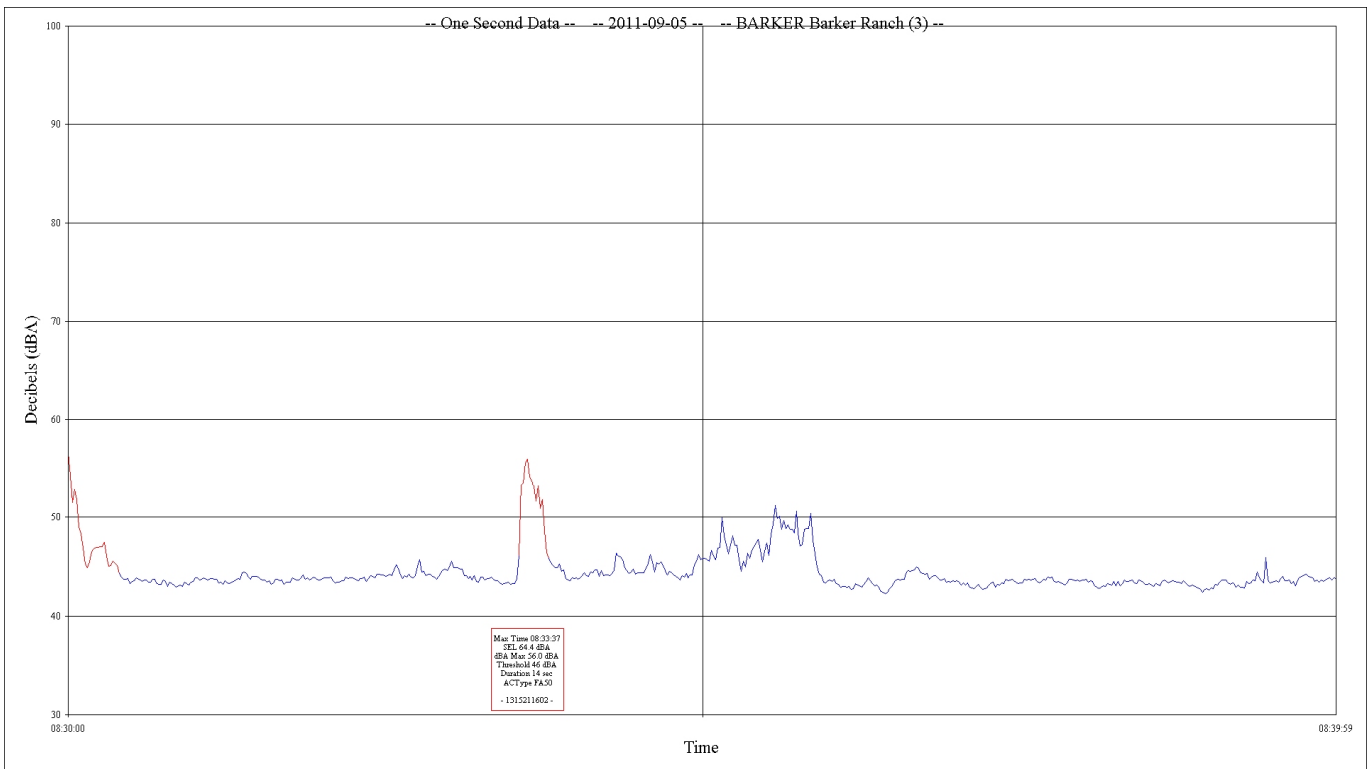
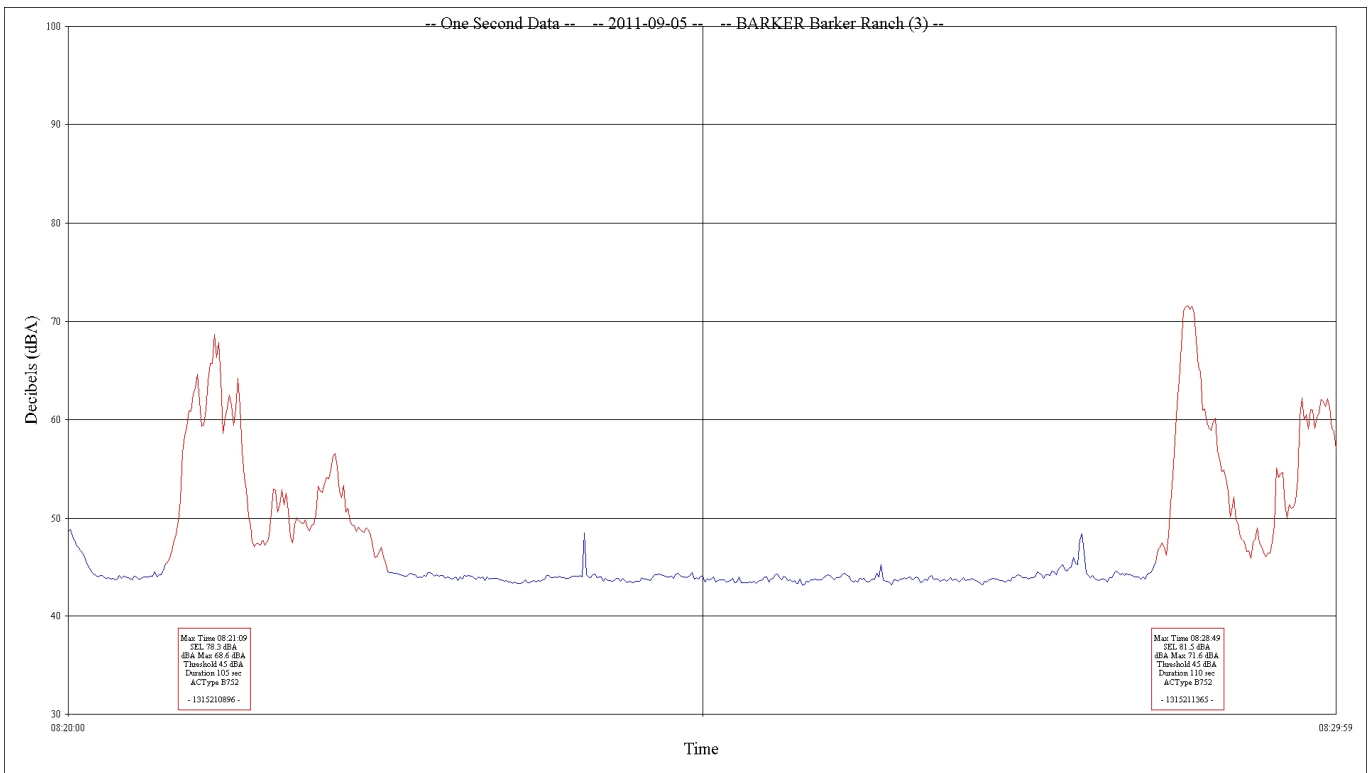


# Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 05, 2011 08:20:00 to September 05, 2011 08:39:59

Site: Barker Ranch

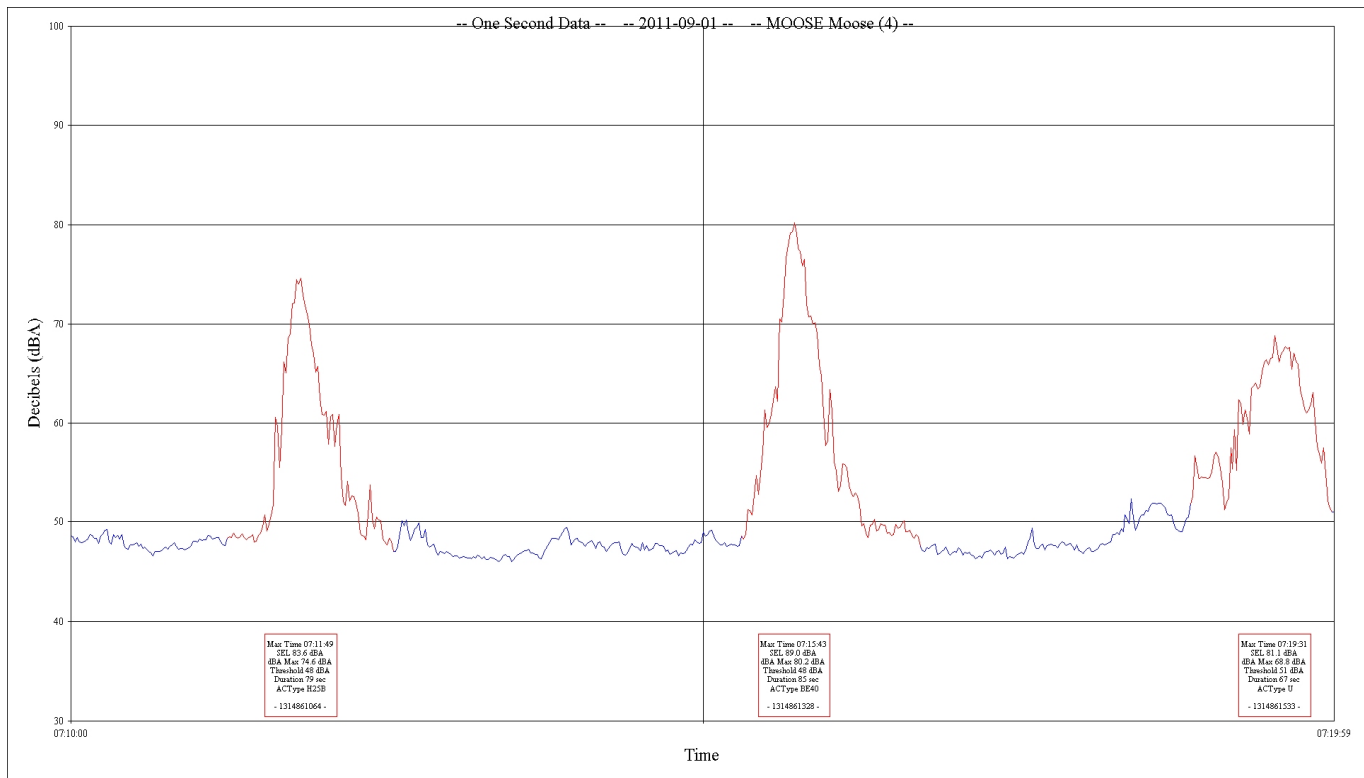
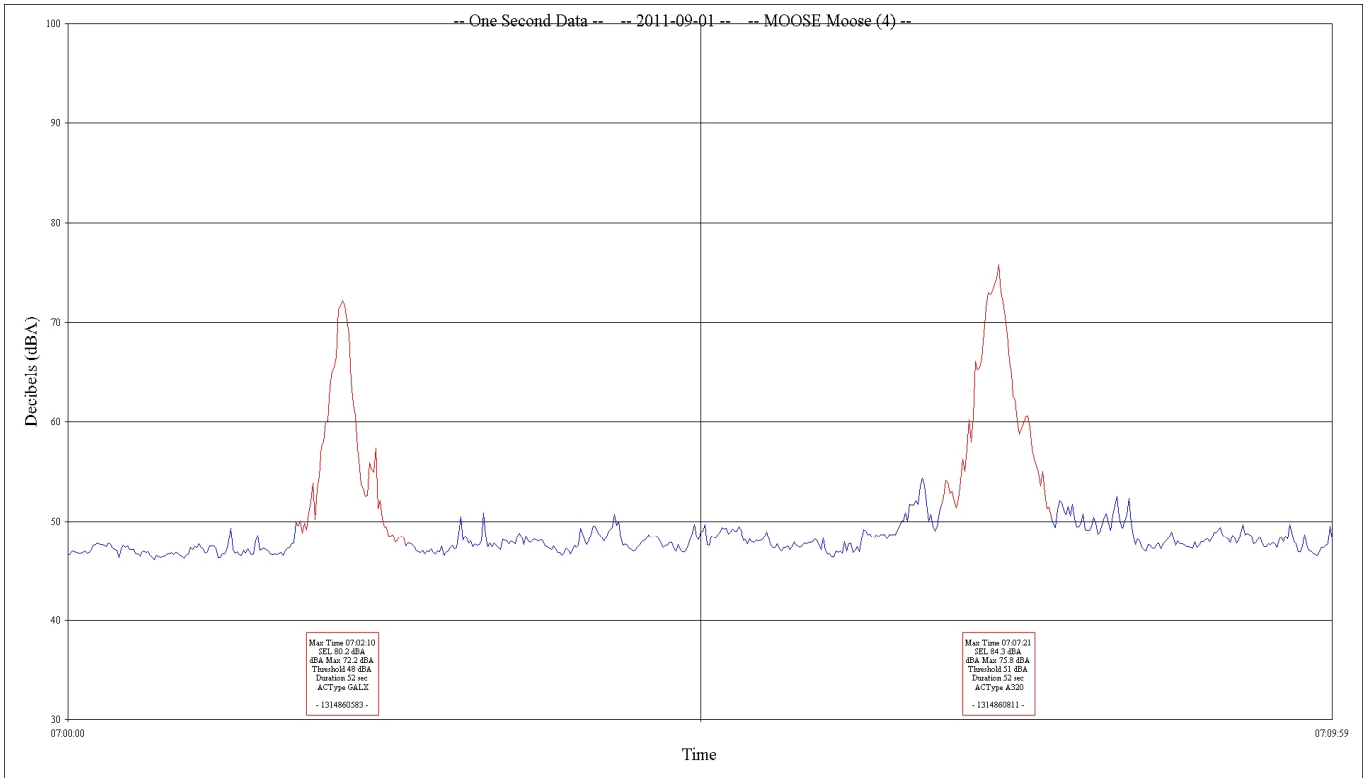


# Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 01, 2011 7:00:00 to September 01, 2011 7:19:59

Site: Moose

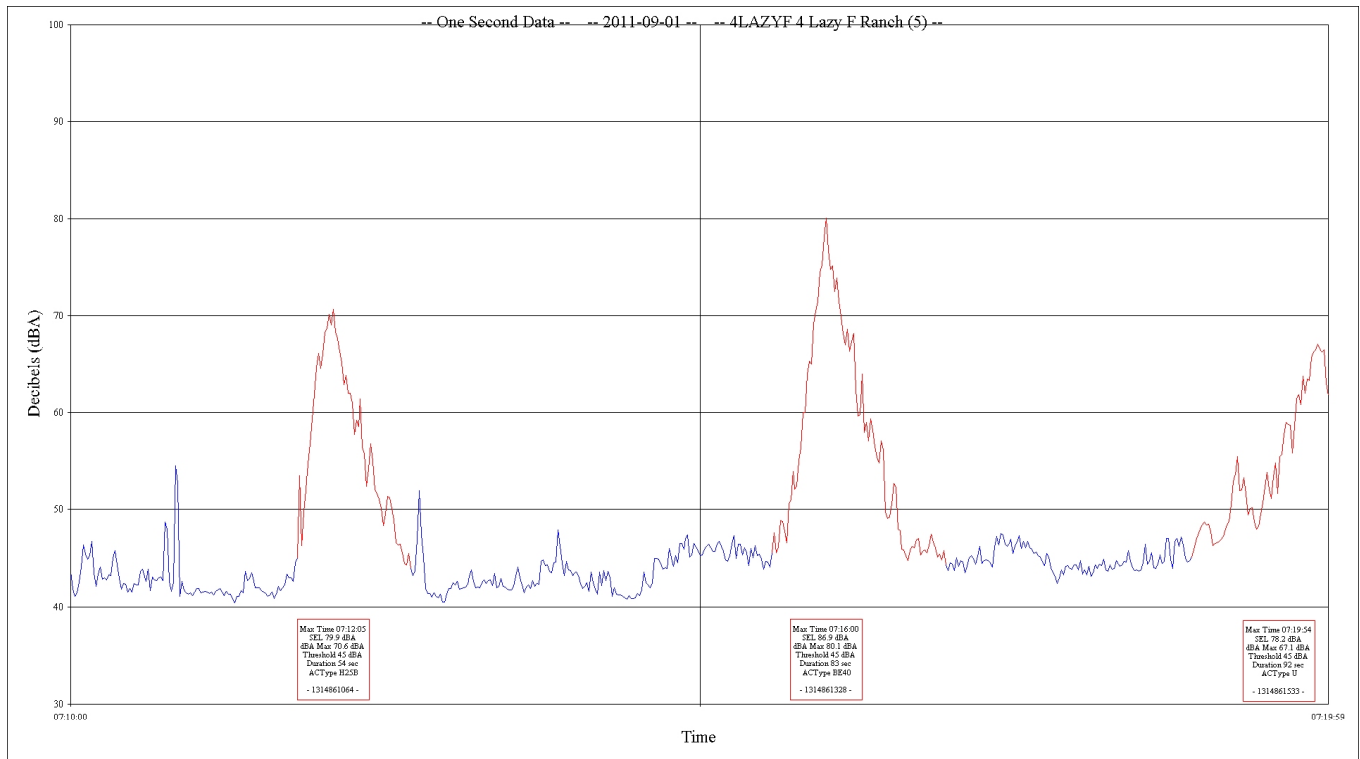
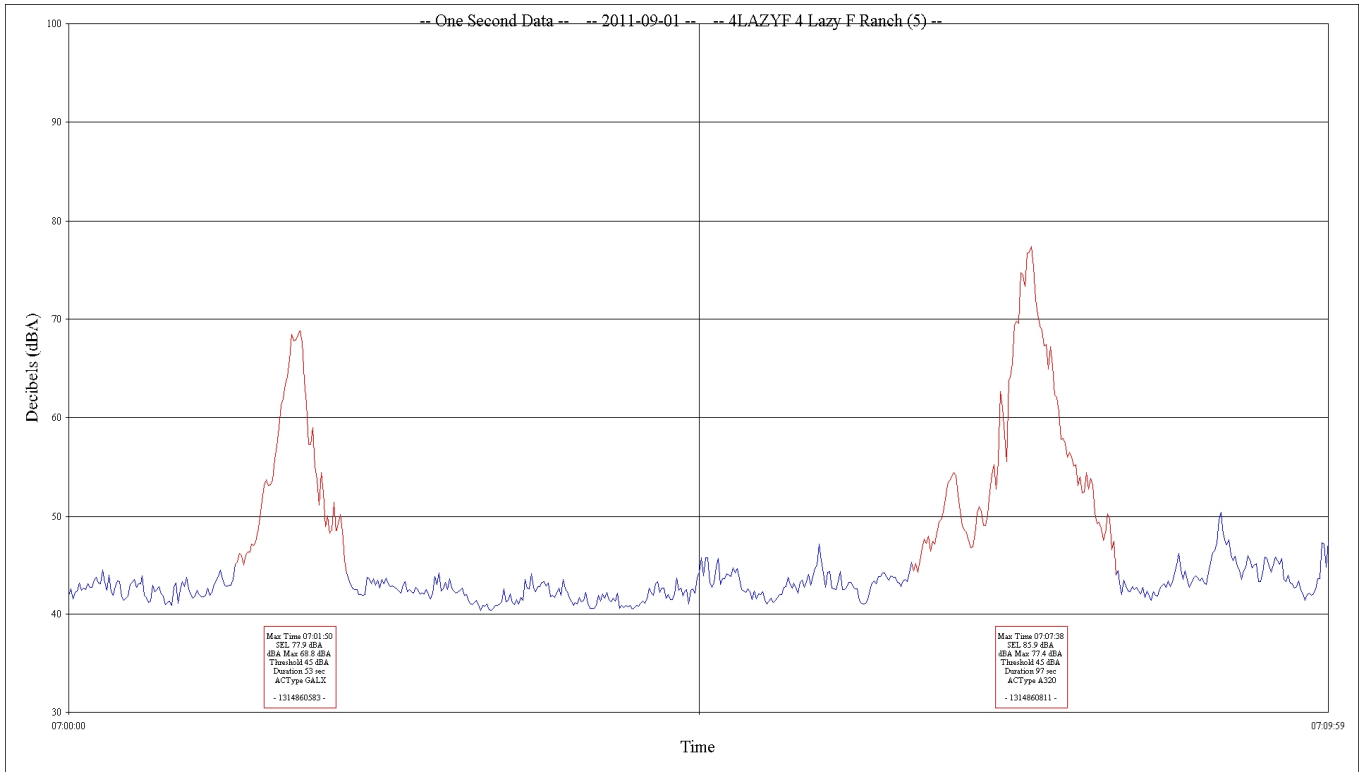


### Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 01, 2011 7:00:00 to September 01, 2011 7:19:59

Site: 4 Lazy F Ranch

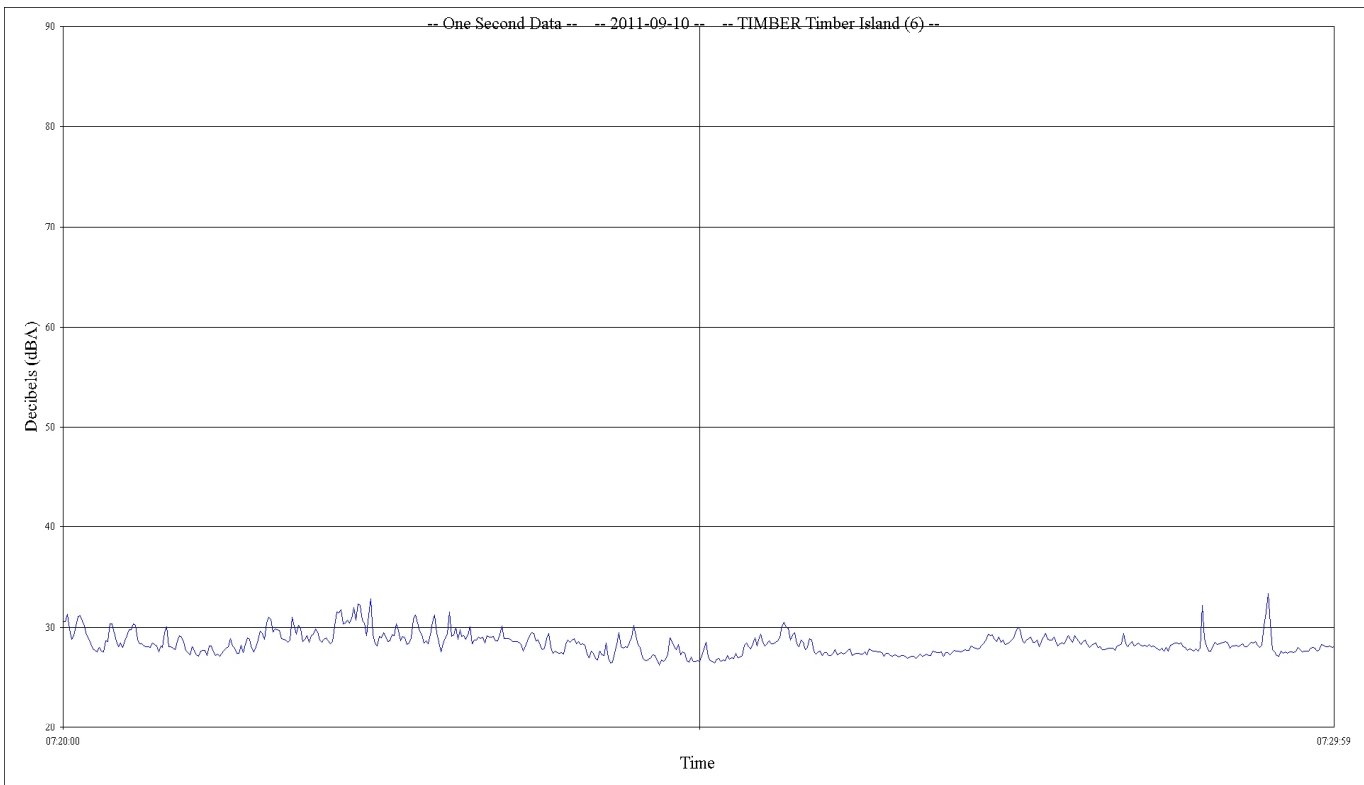
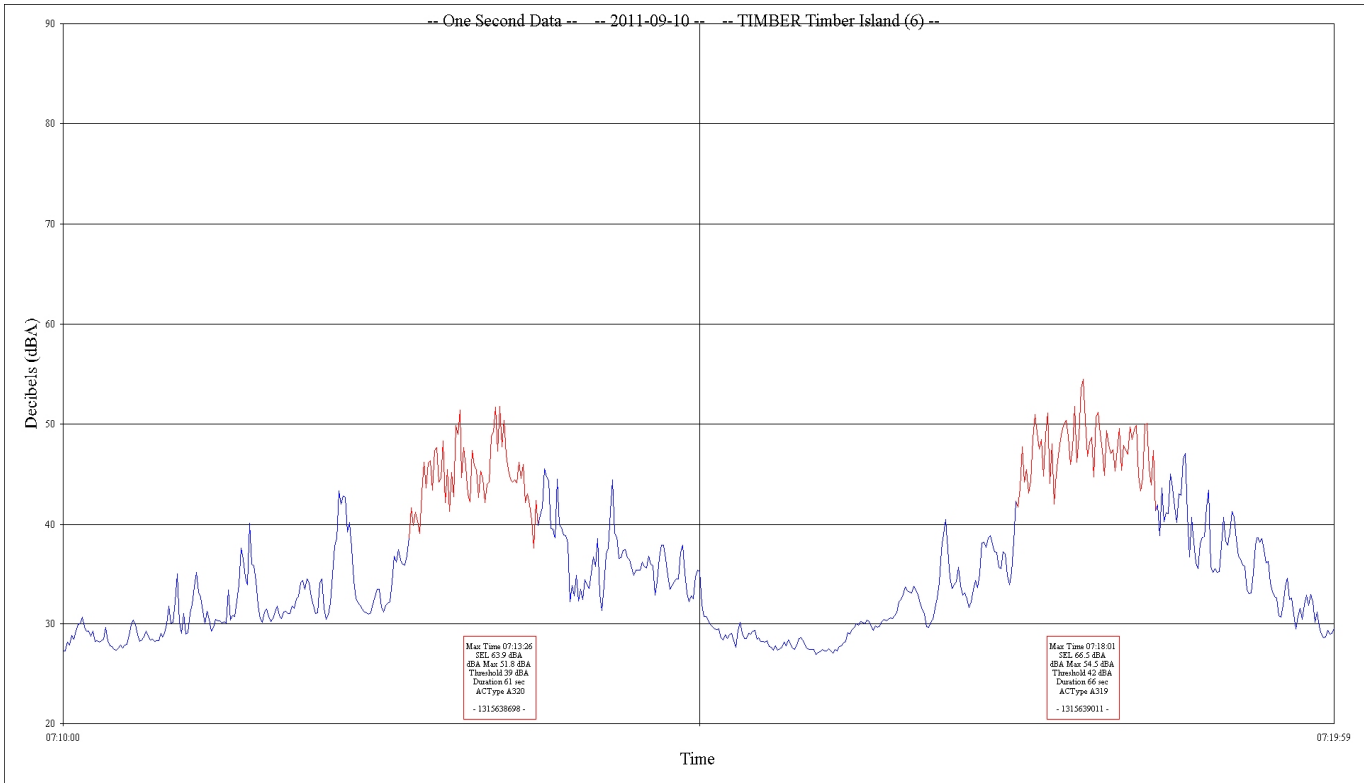


# Sample Time History Noise Plot of Aircraft and Ambient Noise

Jackson Hole Airport

Period: September 10, 2011 07:10:00 to September 10, 2011 07:29:59

Site: Timber Island





# APPENDIX B

## **Ambient Noise Measurement Results**

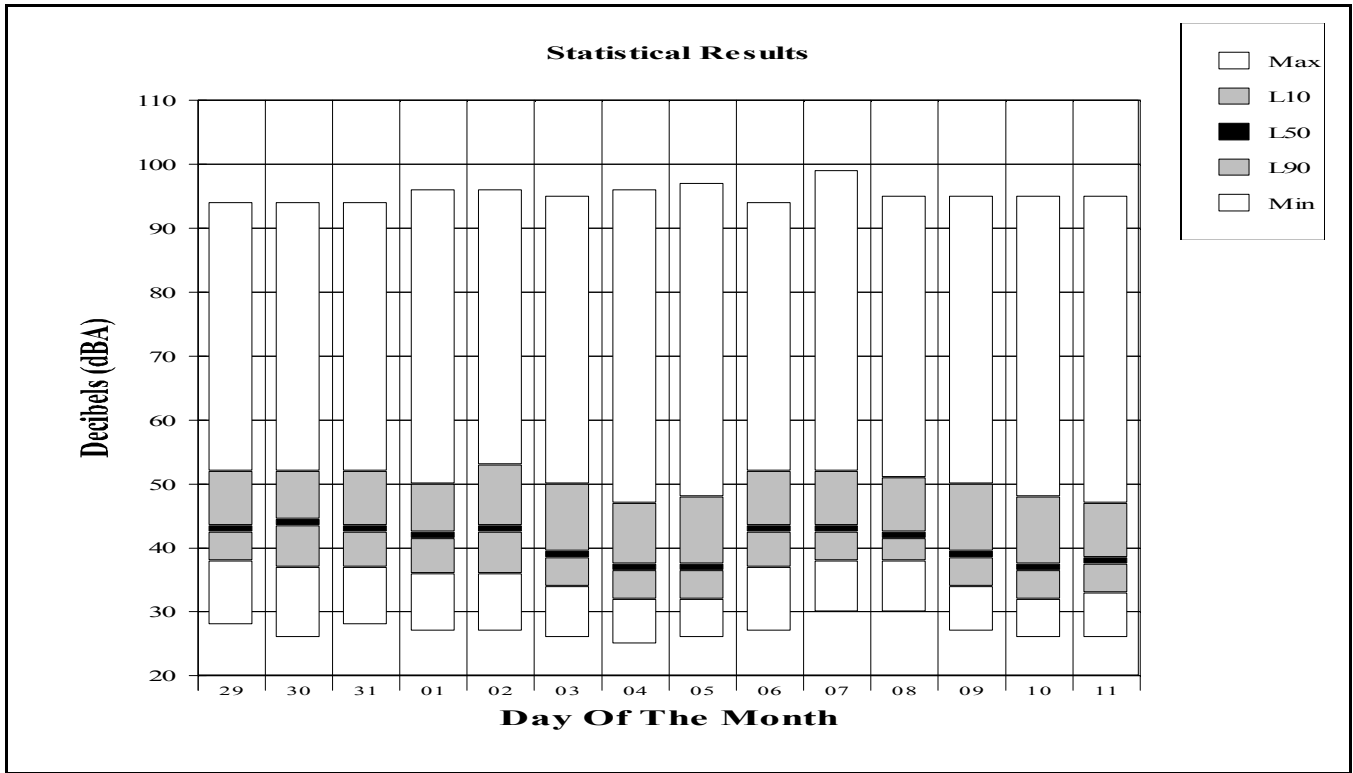


**Ambient Noise Measurement Results**

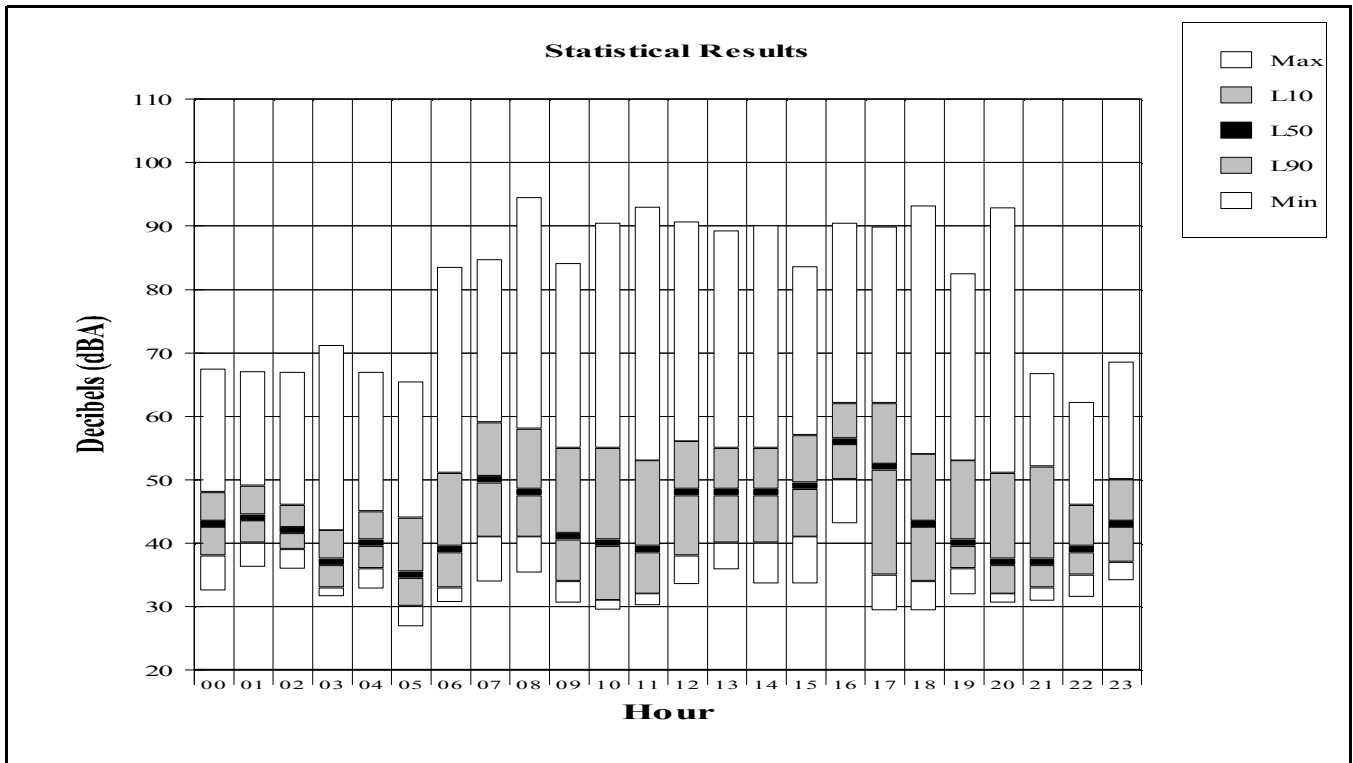
Jackson Hole Airport

Site: Moulton Loop

**Period: August 29, 2011 to September 11, 2011**



**Period: September 6, 2011**

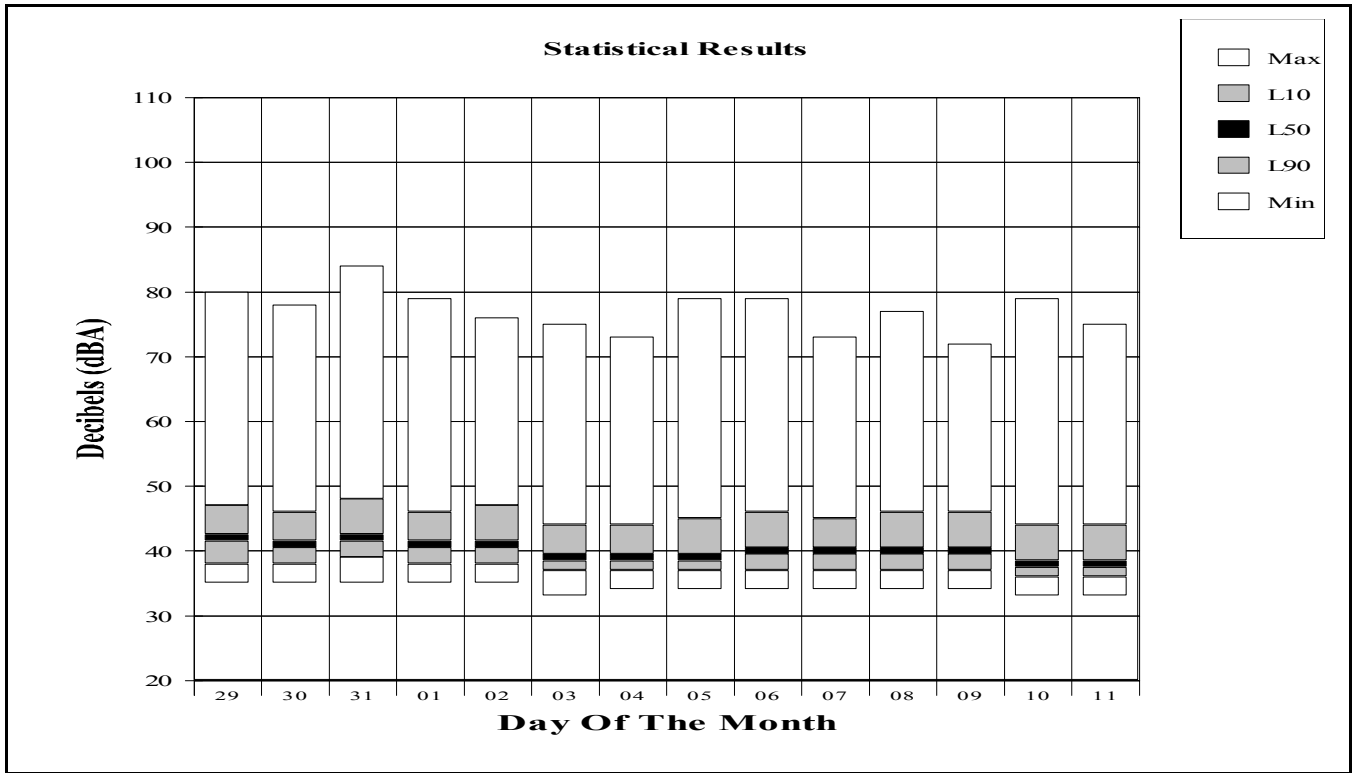


**Ambient Noise Measurement Results**

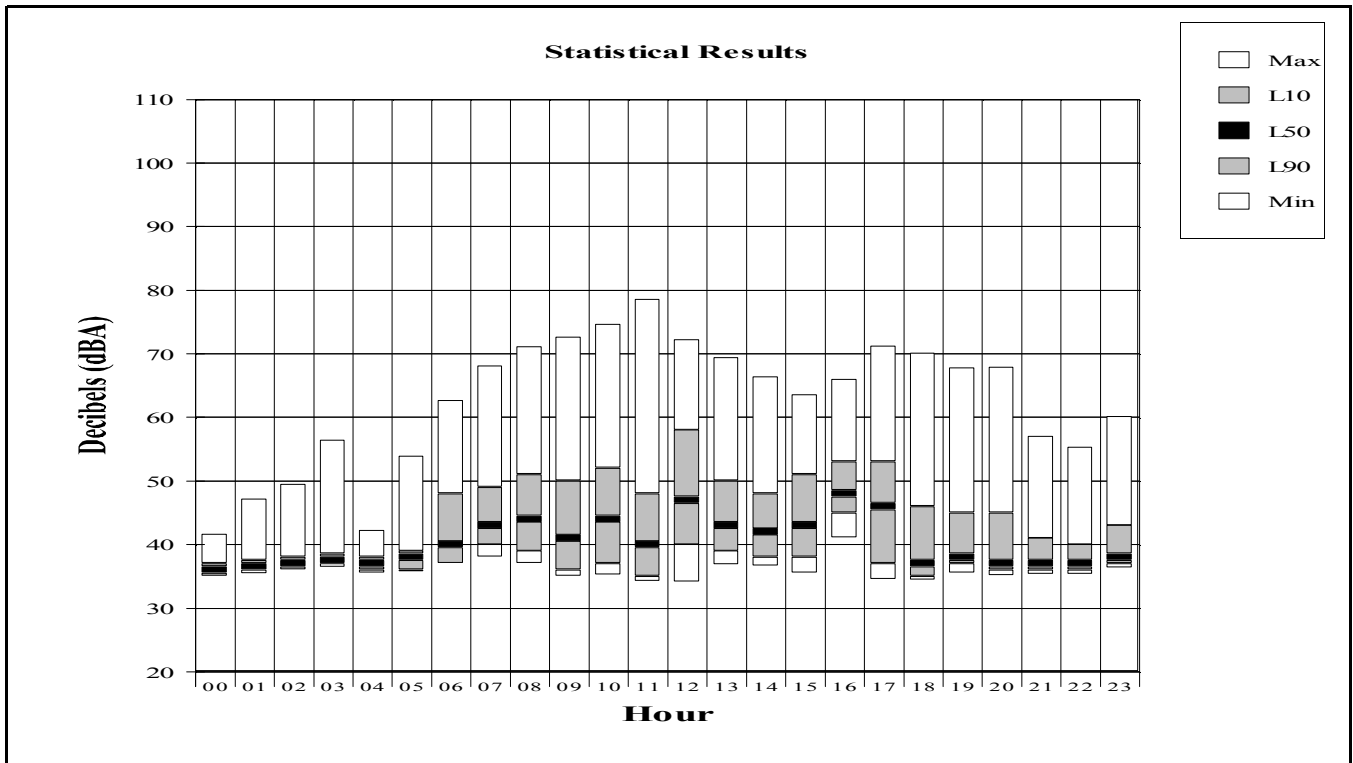
Jackson Hole Airport

Site: Golf Course

**Period: August 29, 2011 to September 11, 2011**



**Period: September 6, 2011**

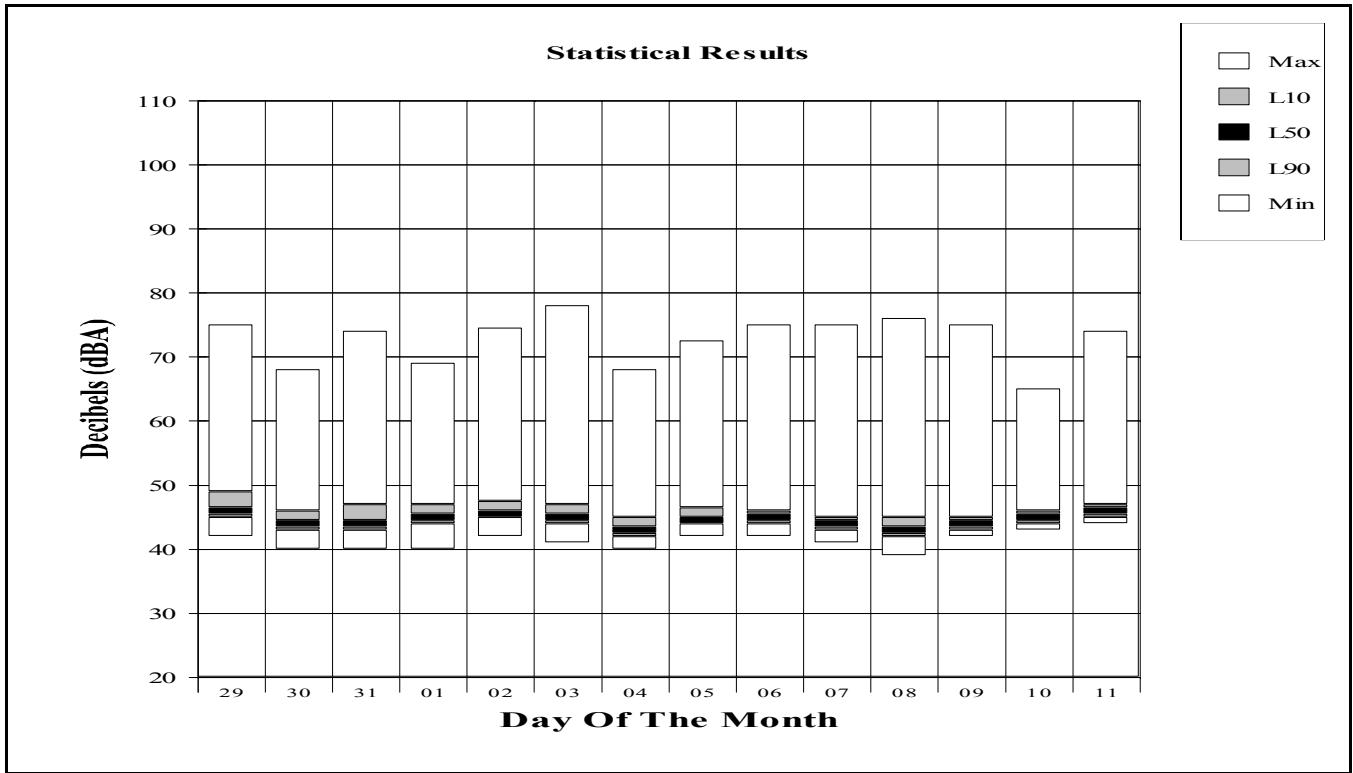


**Ambient Noise Measurement Results**

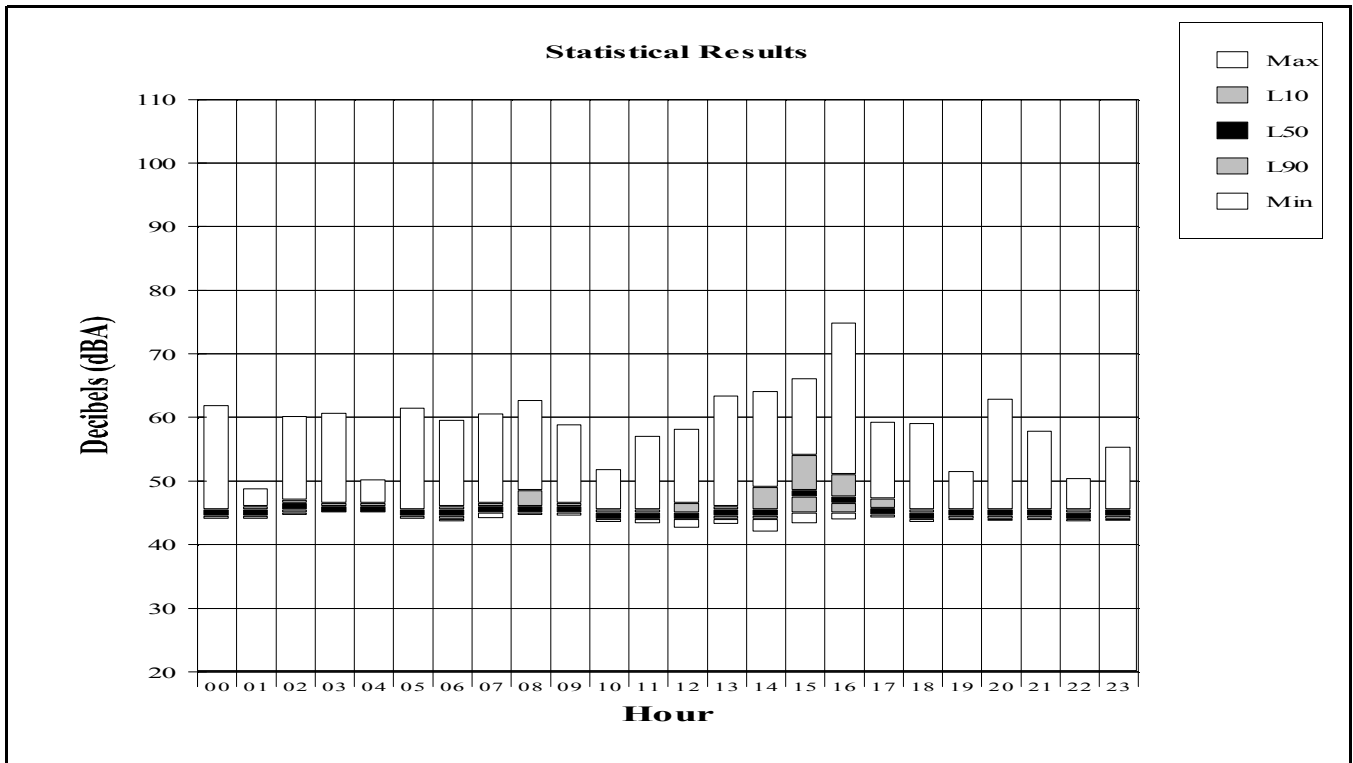
Jackson Hole Airport

Site: Barkers Ranch

**Period: August 29, 2011 to September 11, 2011**



**Period: September 6, 2011**

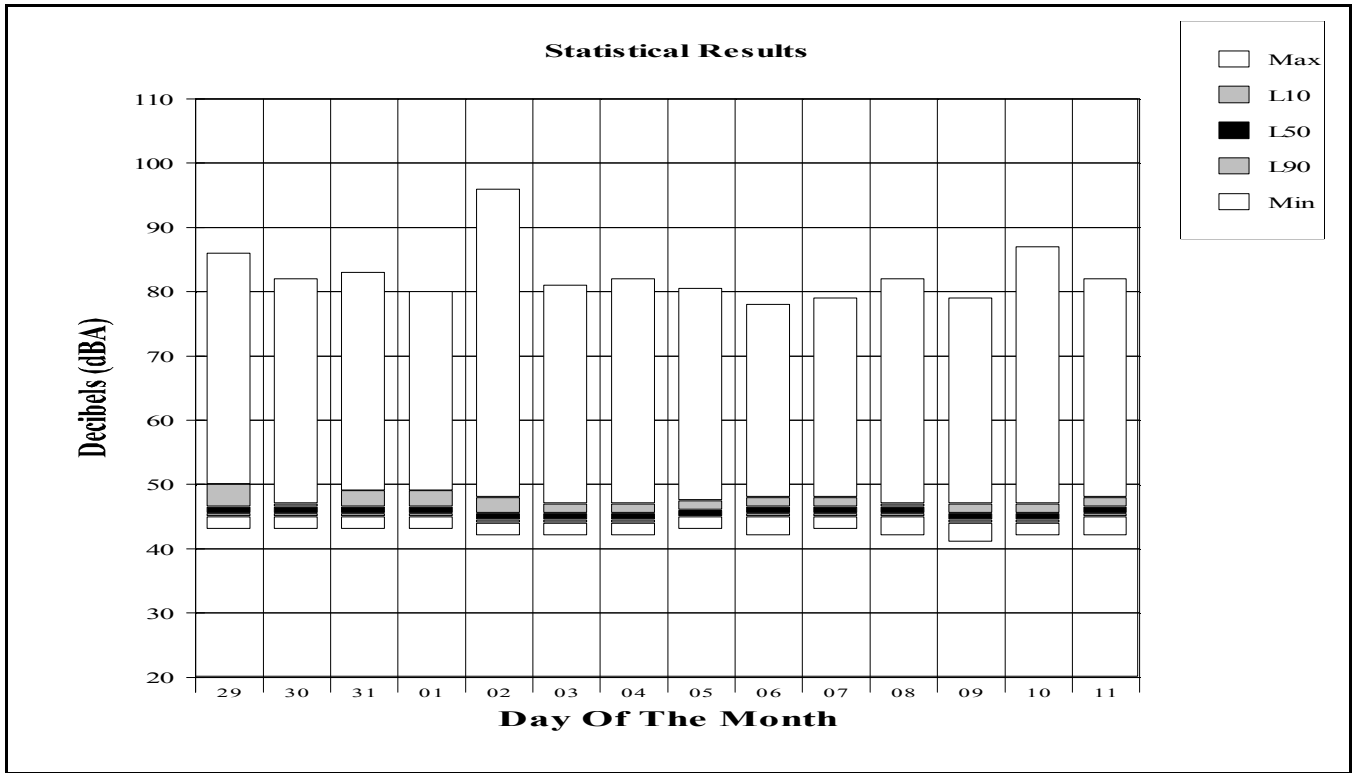


**Ambient Noise Measurement Results**

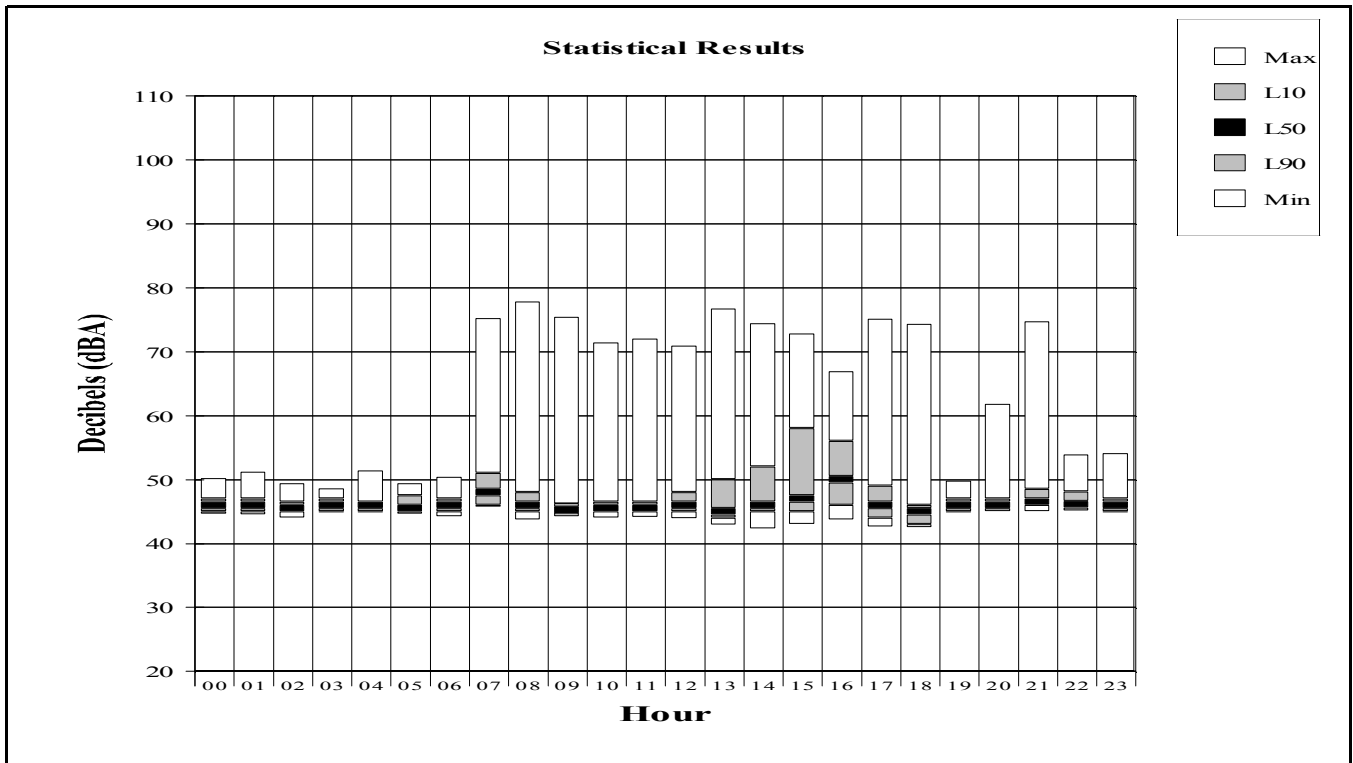
Jackson Hole Airport

Site: Moose

**Period: August 29, 2011 to September 11, 2011**



**Period: September 6, 2011**

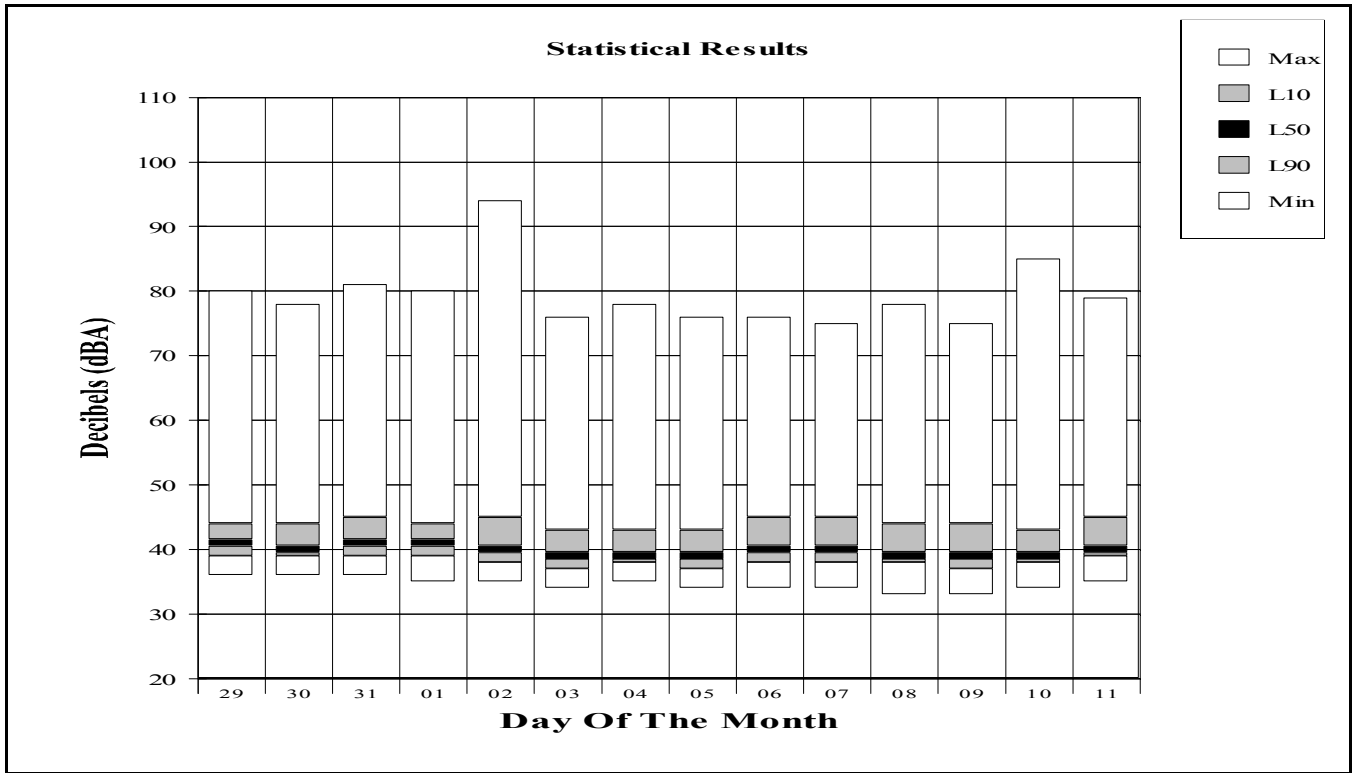


**Ambient Noise Measurement Results**

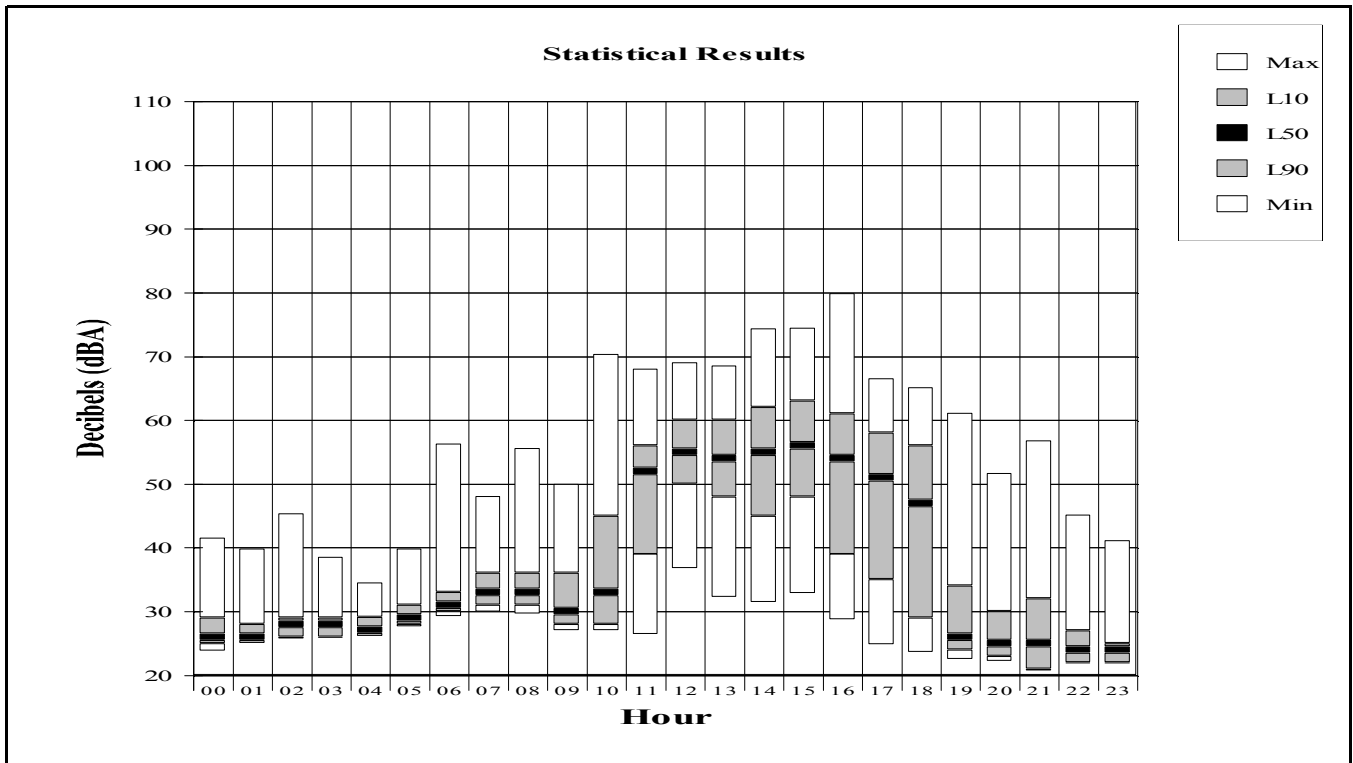
Jackson Hole Airport

Site: 4 Lazy F Ranch

**Period: August 29, 2011 to September 11, 2011**



**Period: September 2, 2011**

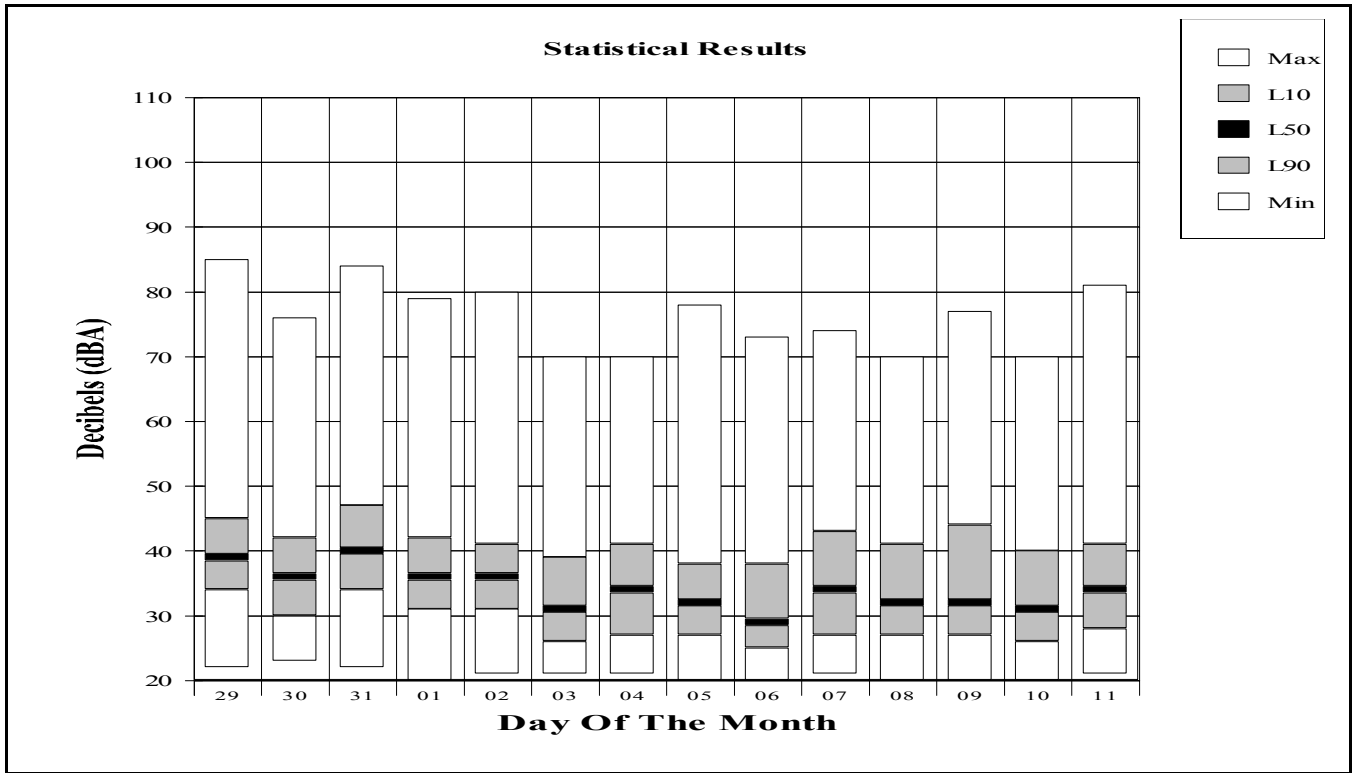


**Ambient Noise Measurement Results**

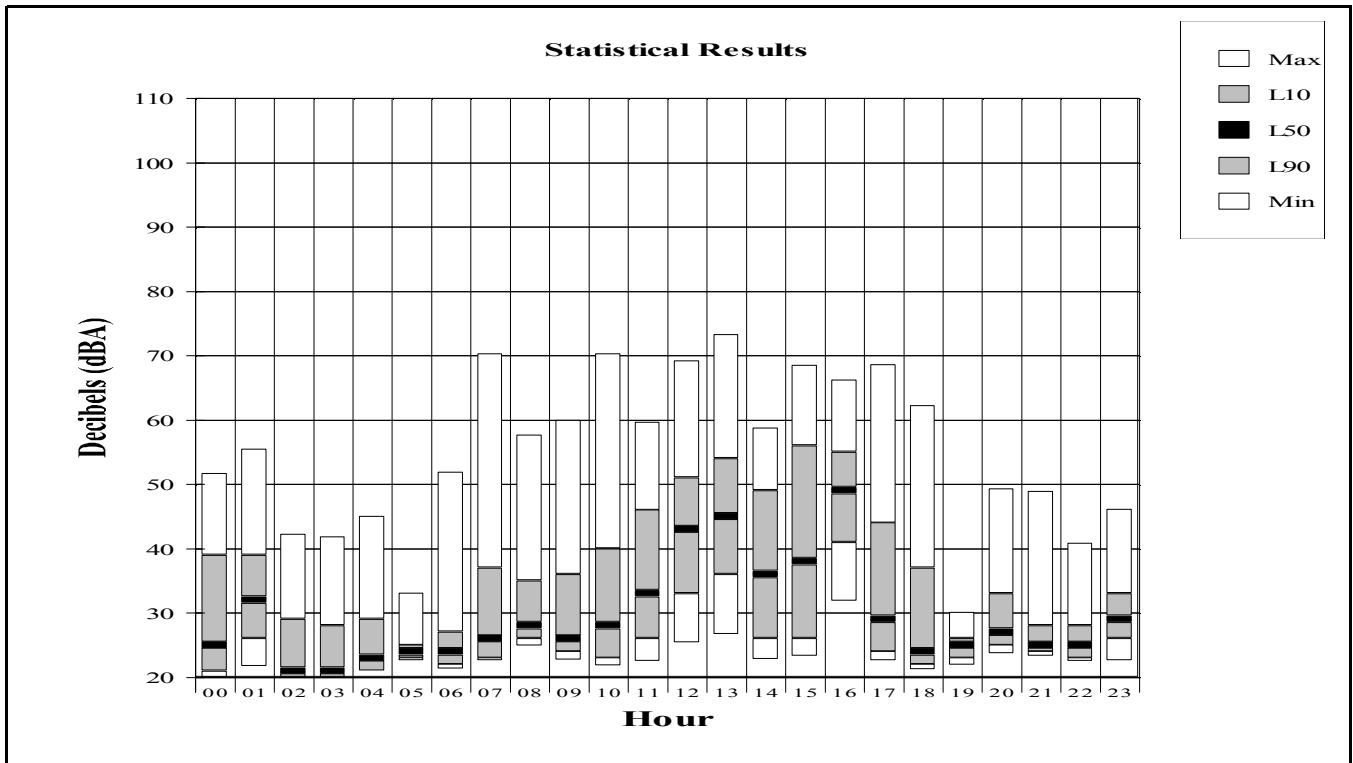
Jackson Hole Airport

Site: Timber Island

**Period: August 29, 2011 to September 11, 2011**



**Period: September 6, 2011**





# APPENDIX C

## **One Day of Measured Aircraft Noise Events**



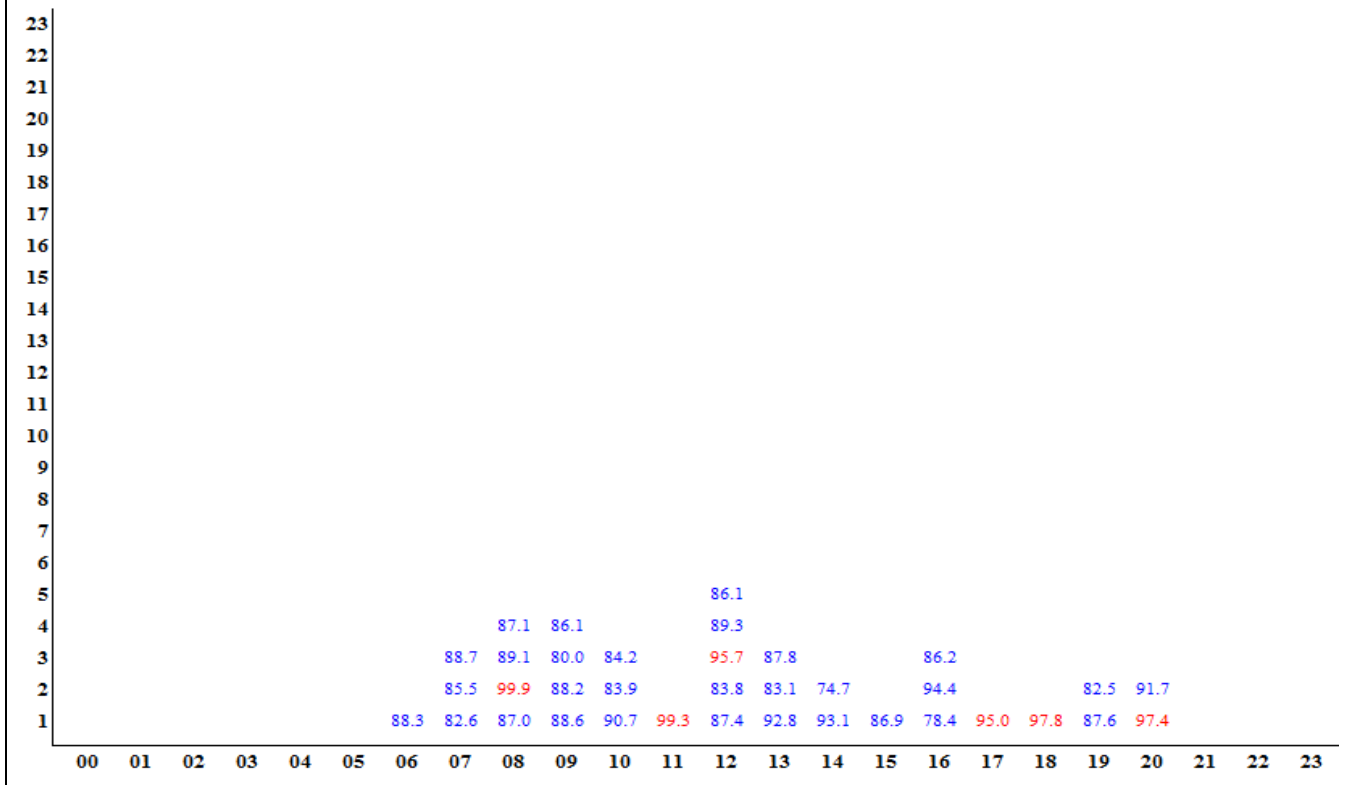
**Sample One Day of Measured Aircraft Noise Events**

Jackson Hole Airport

Period: September 6, 2011

Site: Moulton Loop

This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.



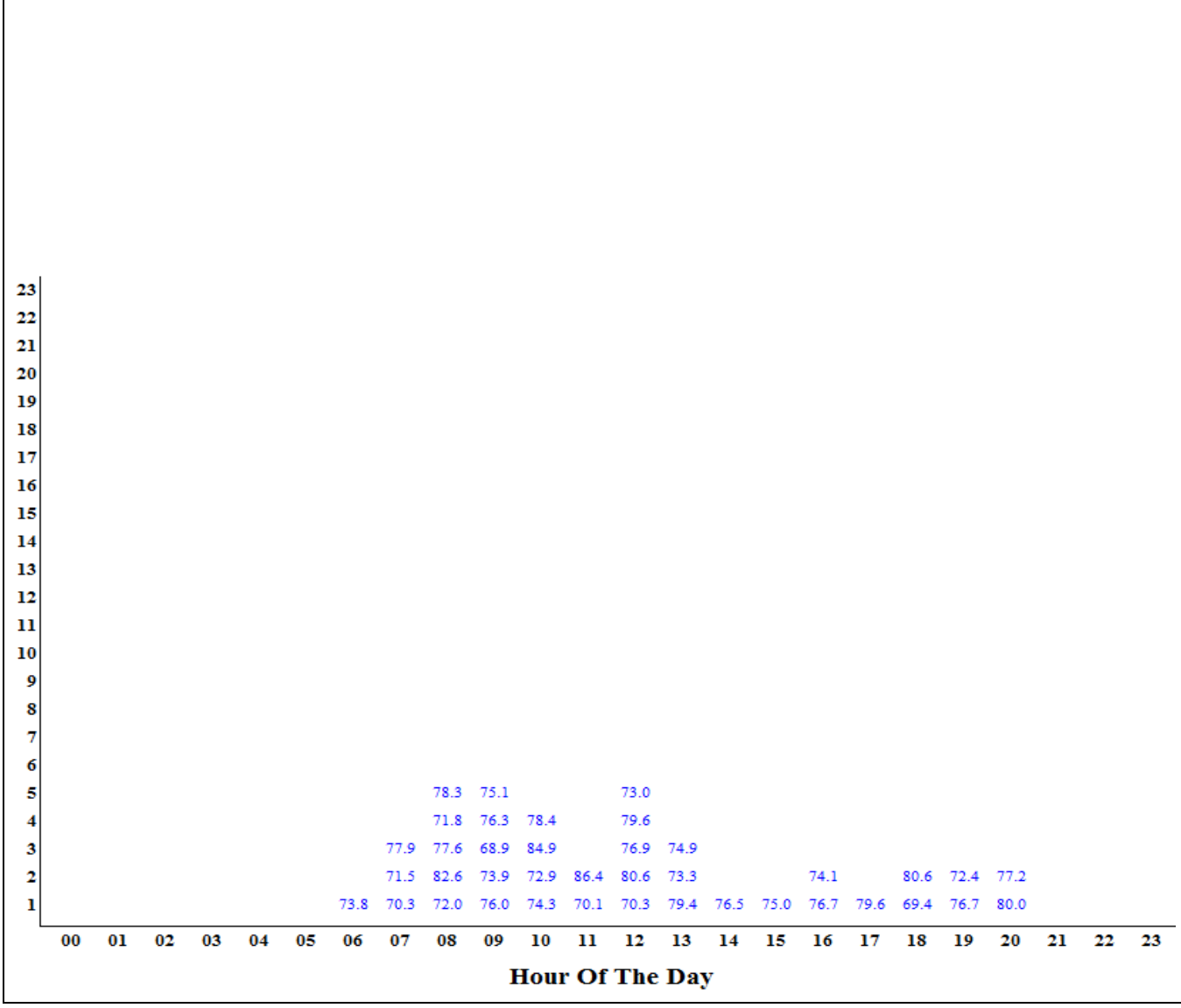
**Sample One Day of Measured Aircraft Noise Events**

Jackson Hole Airport

Period: September 6, 2011

Site: Golf Course

This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.



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### Sample One Day of Measured Aircraft Noise Events

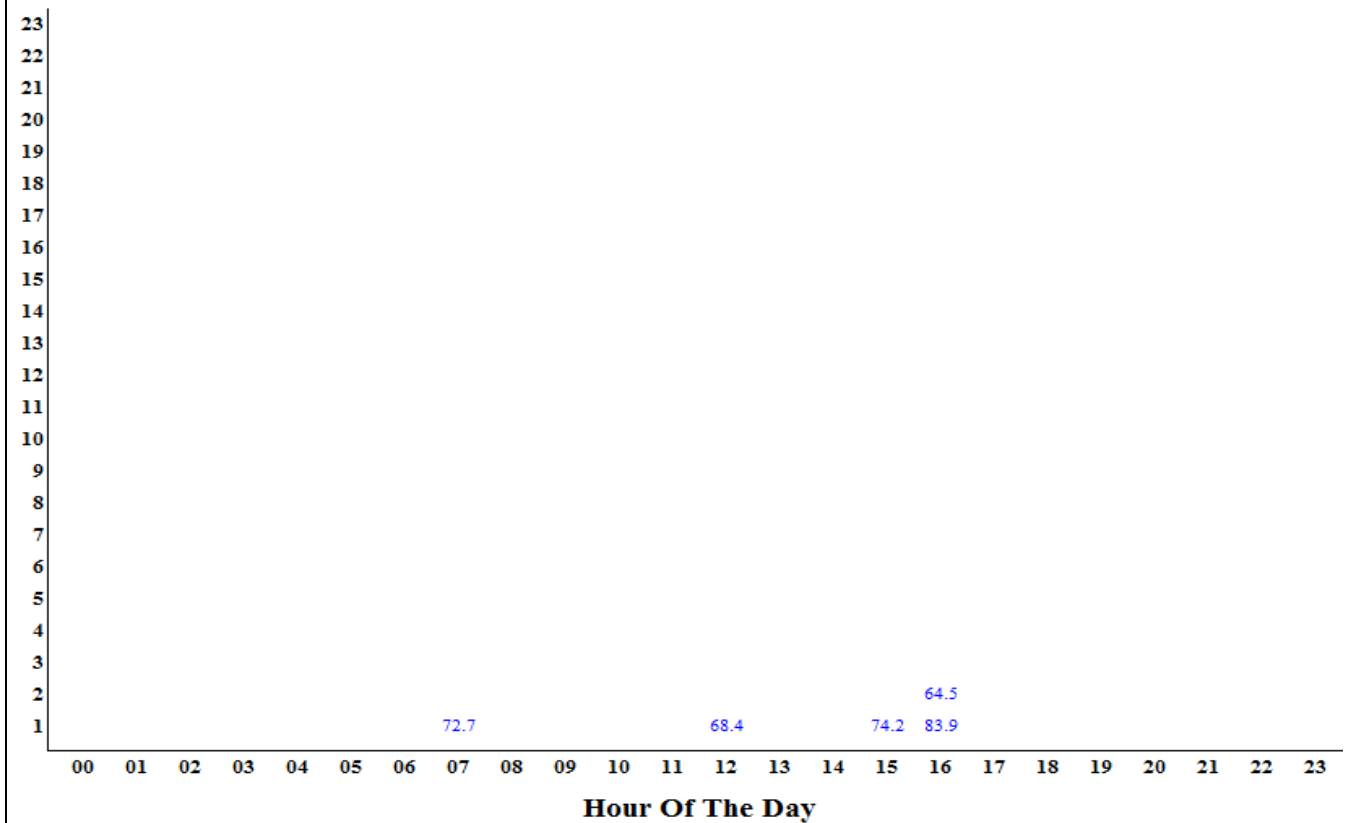
Jackson Hole Airport

Period: September 6, 2011

Site: Barkers Ranch

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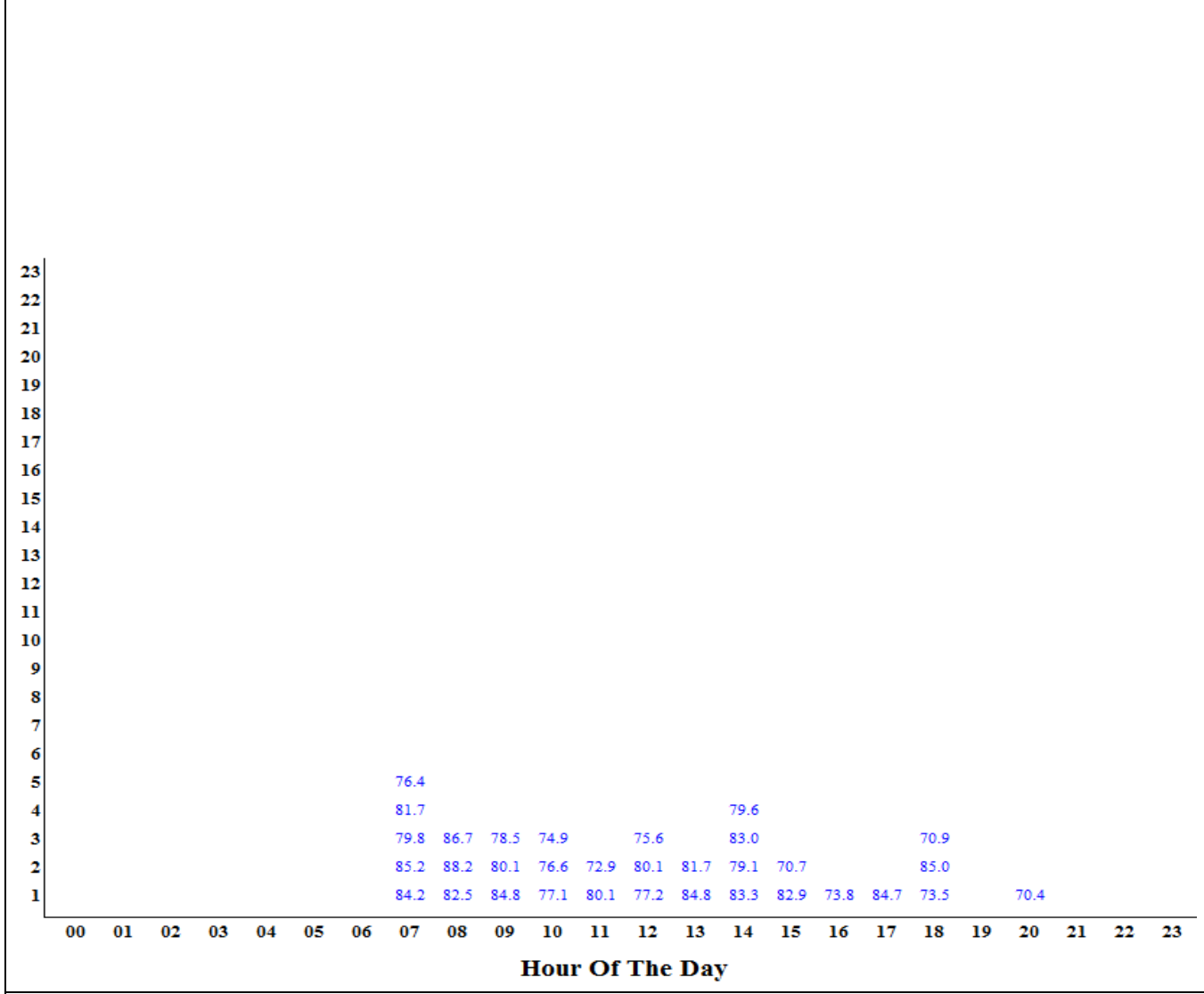
This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.



**Sample One Day of Measured Aircraft Noise Events**

Jackson Hole Airport  
 Period: September 6, 2011  
 Site: Moose

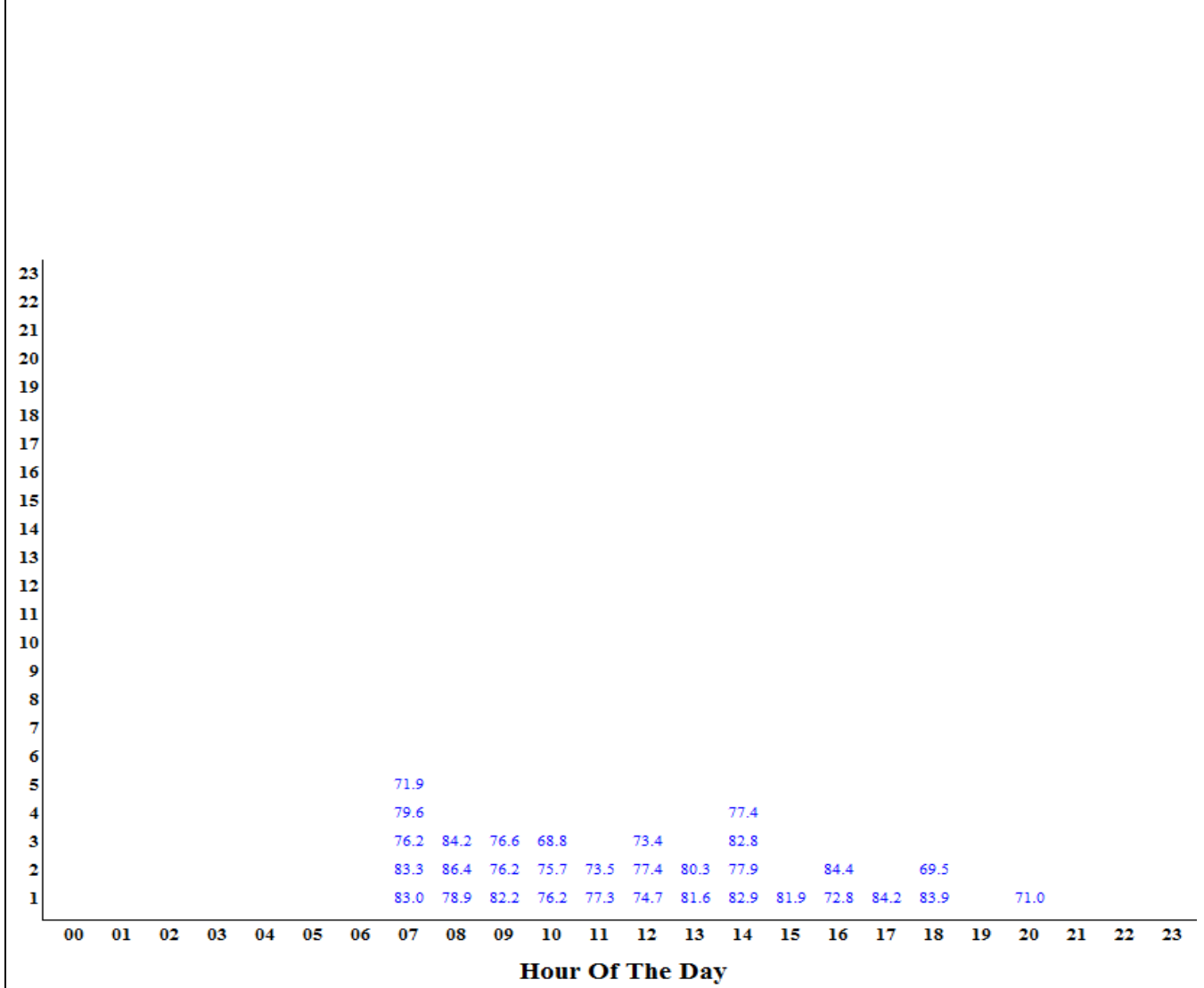
This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.



**Sample One Day of Measured Aircraft Noise Events**

Jackson Hole Airport  
 Period: September 6, 2011  
 Site: 4 Lazy F Ranch

This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.



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### Sample One Day of Measured Aircraft Noise Events

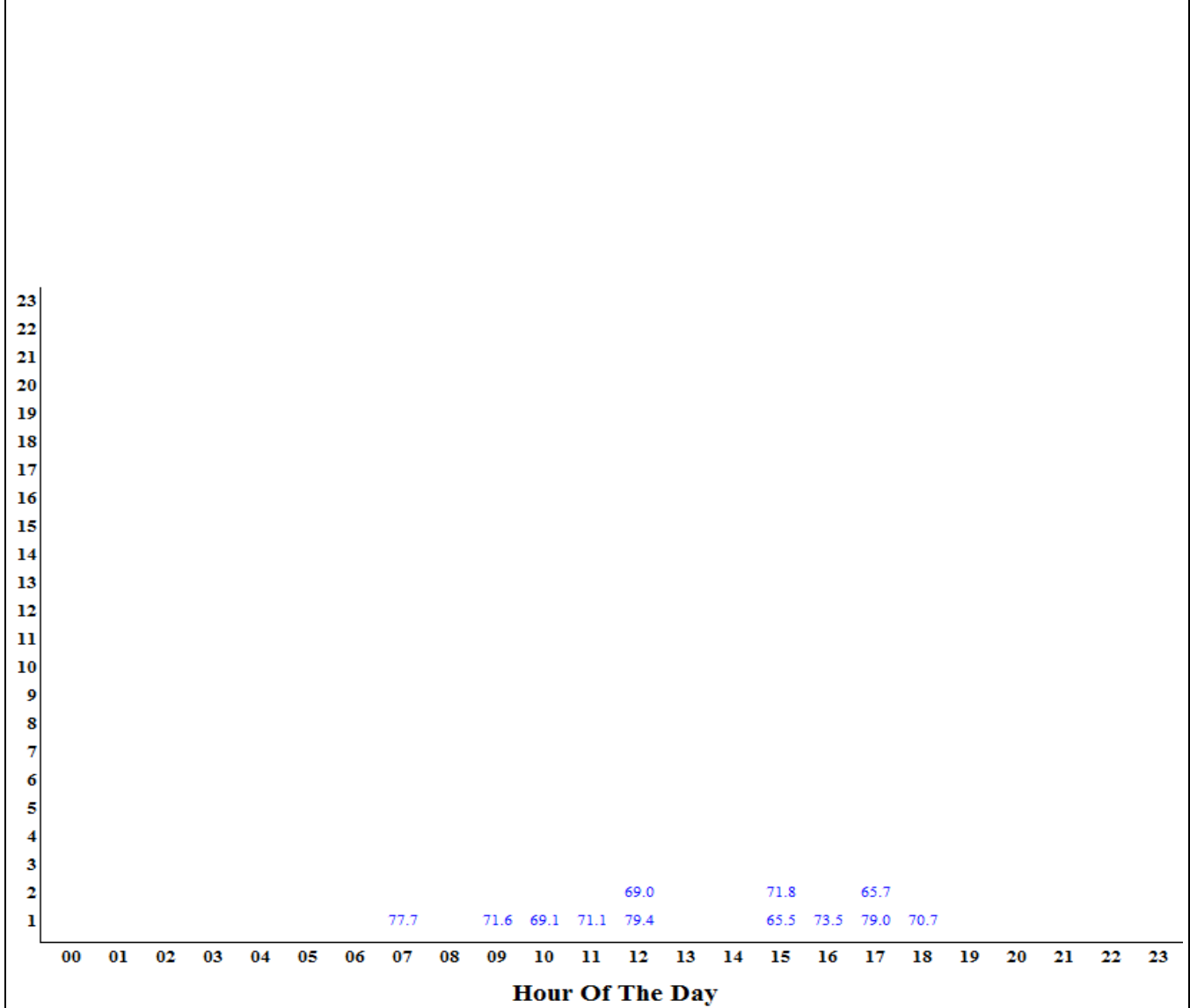
Jackson Hole Airport

Period: September 6, 2011

Site: Timber Island

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This table presents one day of events for one measurement site. The table presents the SEL noise value plotted as a histogram. The vertical axis presents the number of events in each hour. The horizontal axis is the hour of the day. The SEL values are plotted vertically for each event in each hour. The data shows that the noise events generally occur during peak times of the day. This peak period varies from day to day and is not always the same hours. Numbers in Red are higher noise level events when the SEL exceeds 94.5 dBA.





# APPENDIX D

## Single Departure Noise Level by Aircraft



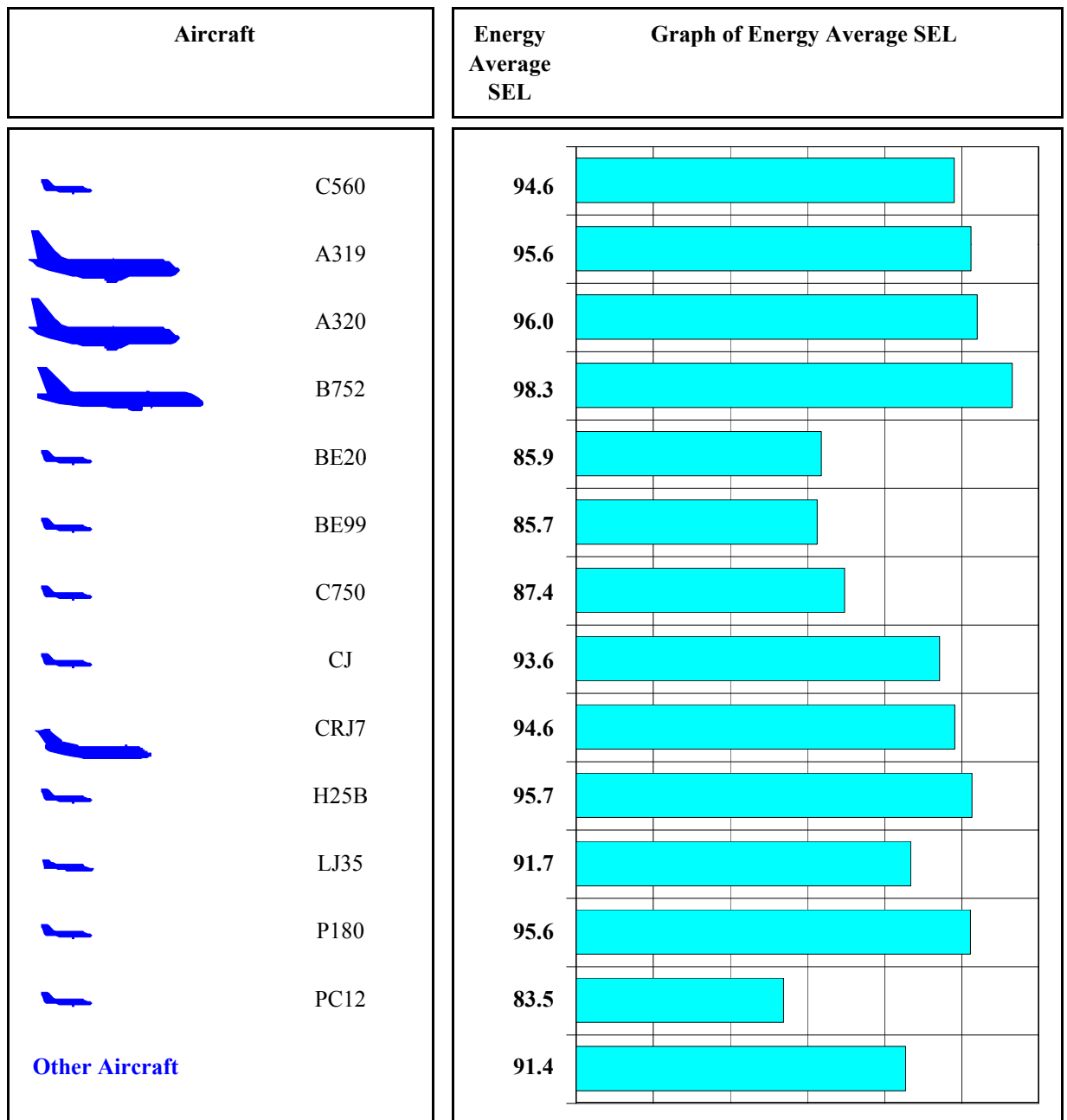
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Moulton Loop - Zenith Drive and Spring Gulch Road

Operations: Departure Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

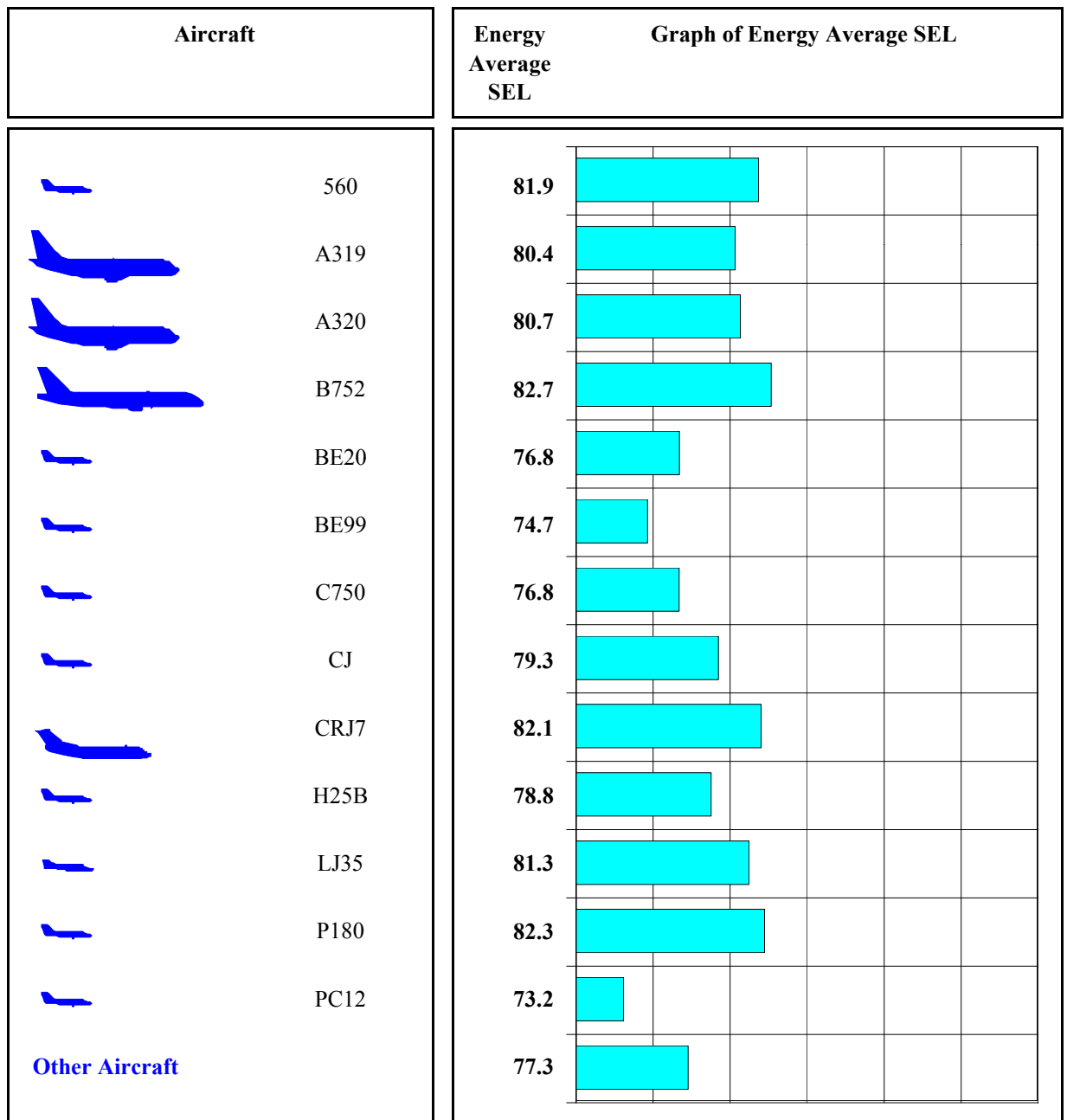
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Golf Course - Jackson Hole Golf & Tennis Club

Operations: Departure Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

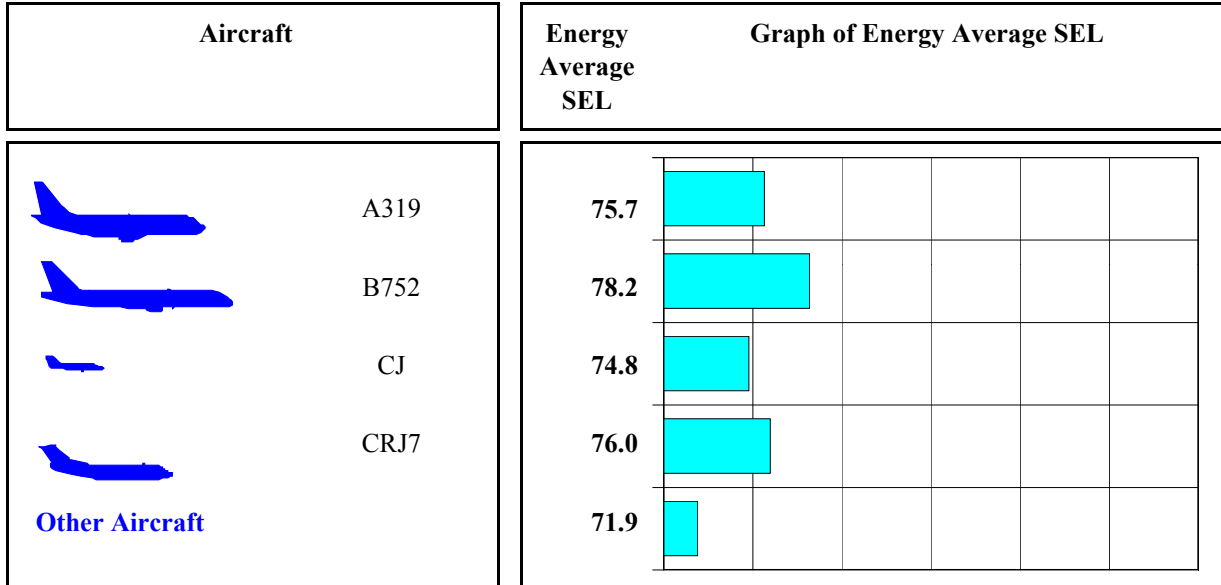
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

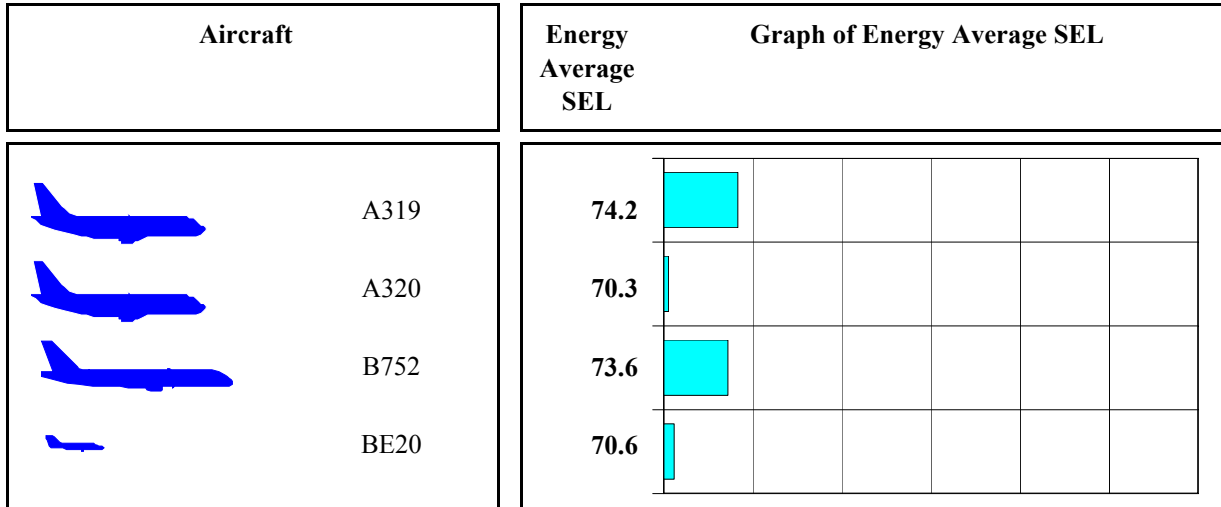
Period: August 2011 to September 2011

Site: Barker Ranch - Circle H Ranch (Barker's Residence)

Operations: Departure Runway: 19 Tracks: ALL



Operations: D Runways: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

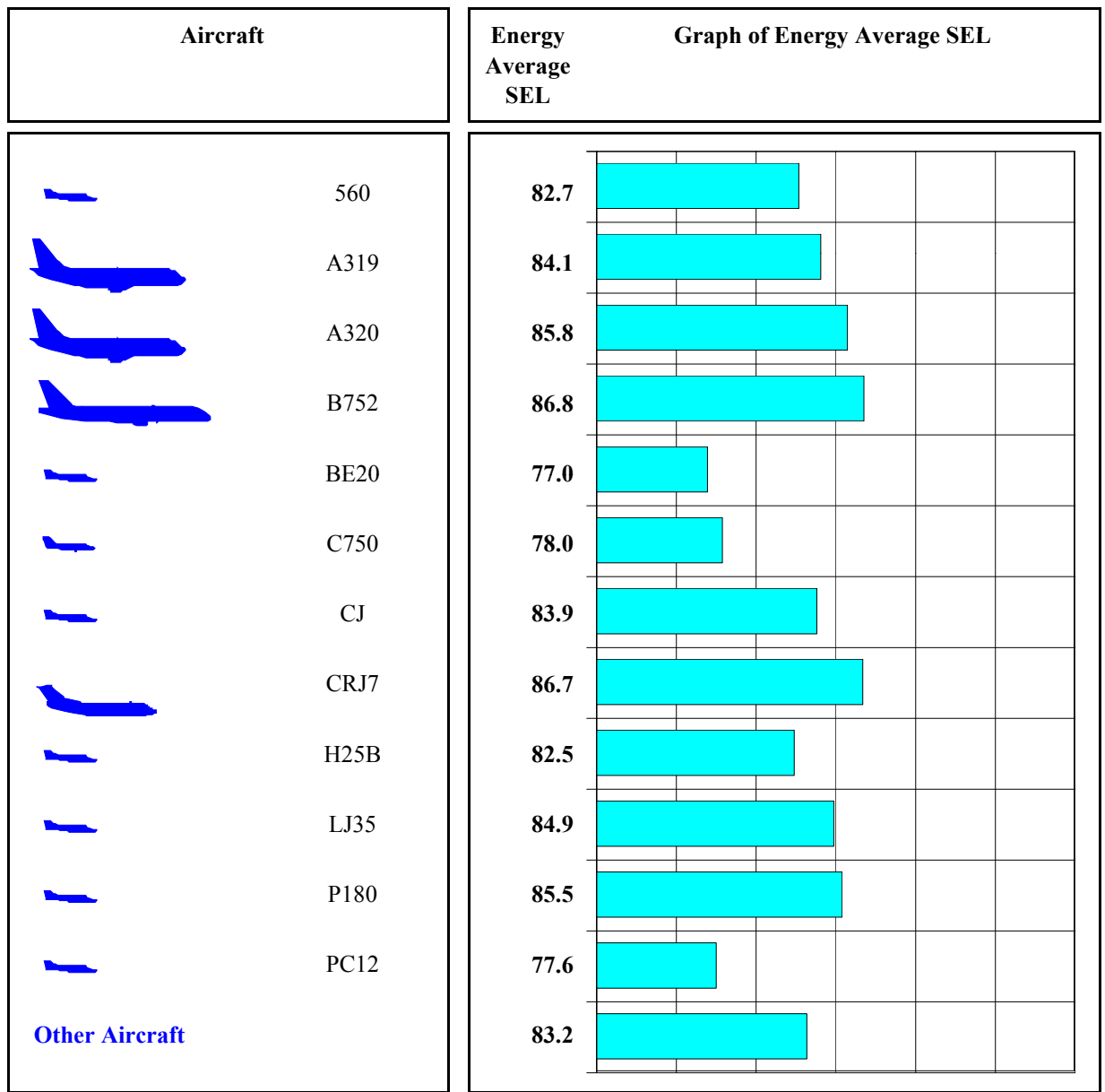
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Moose - Moose Entrance

Operations: Departure Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

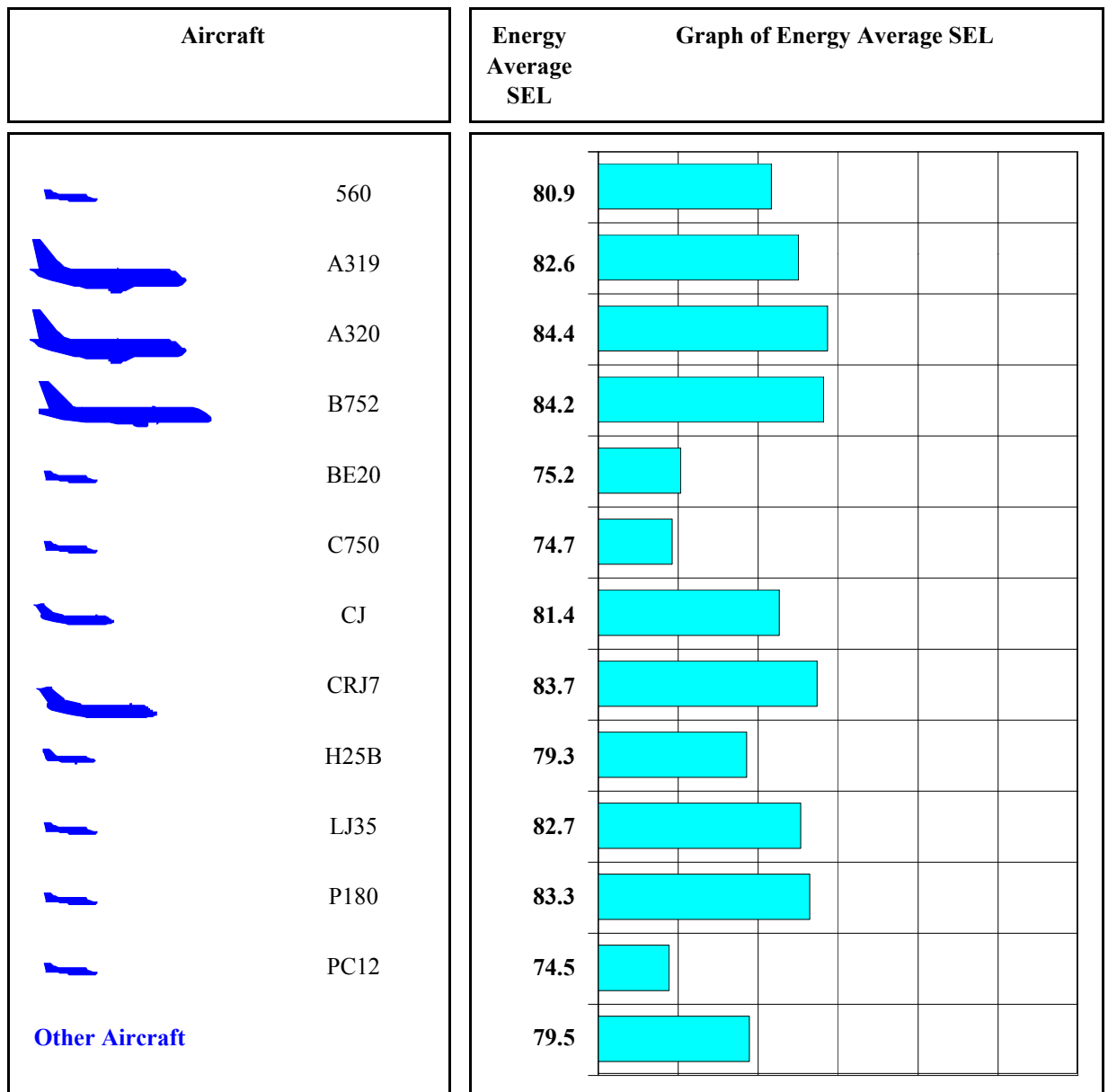
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: 4 Lazy F Ranch - 4 Lazy F Ranch

Operations: Departure Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

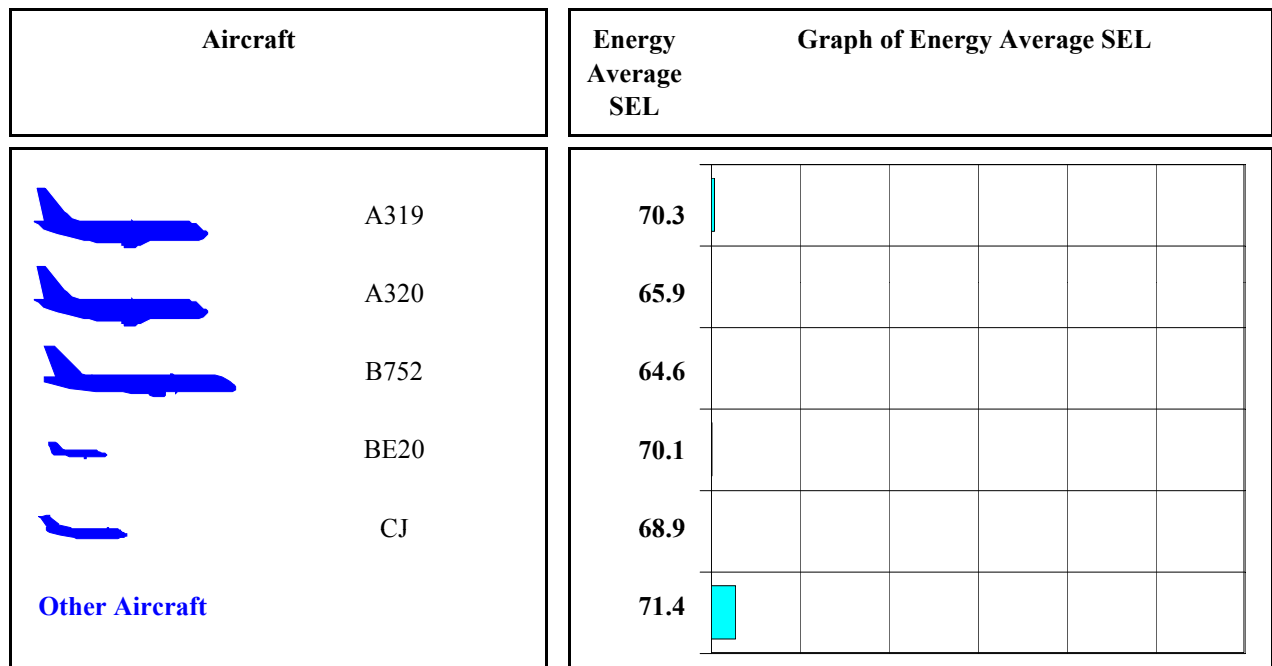
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Timber Island - East of Timber Island

Operations: Departure Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.



# APPENDIX E

## Single Arrival Noise Level by Aircraft



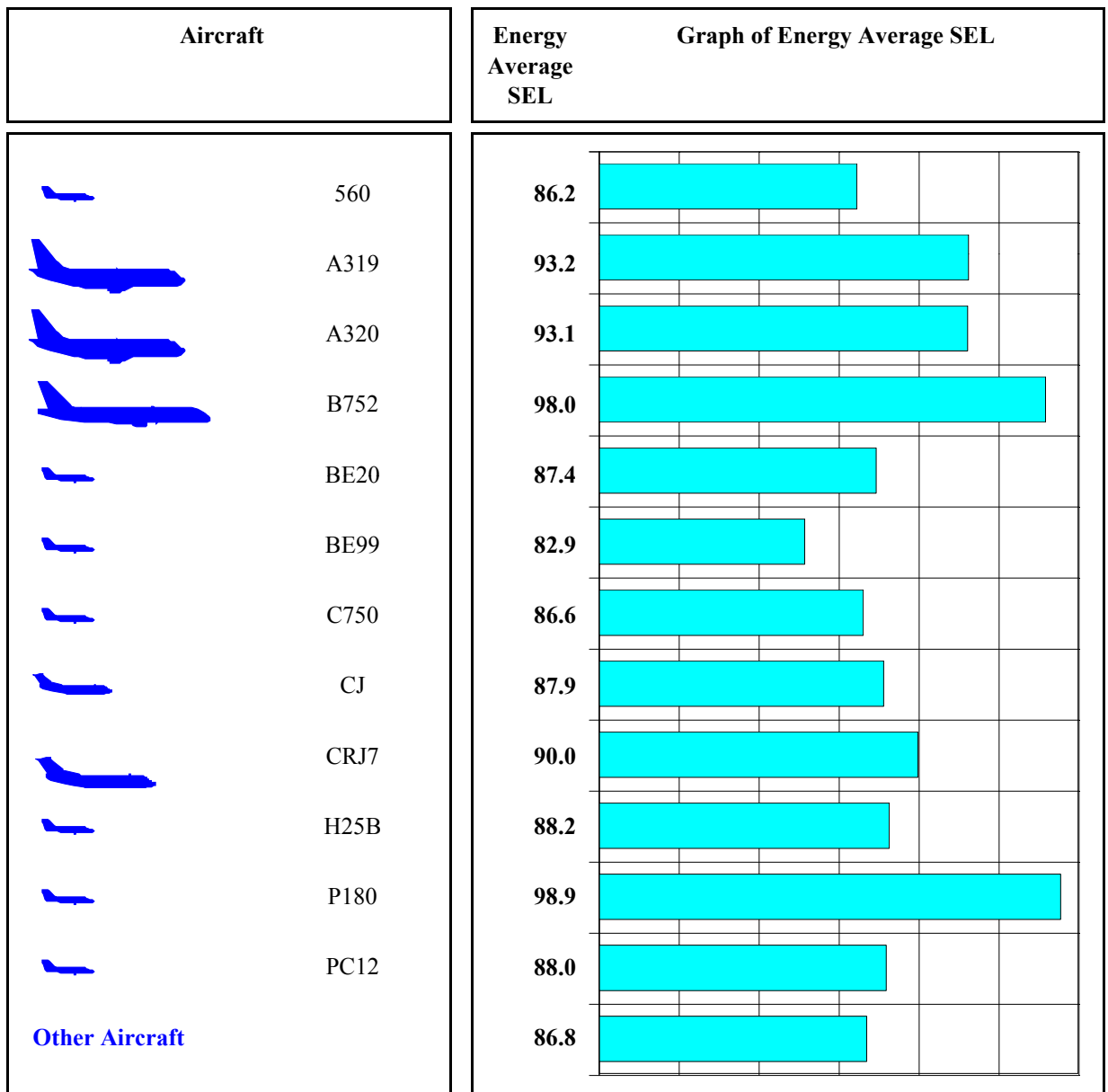
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Moulton Loop - Zenith Drive and Spring Gulch Road

Operations: Arrivals Runway: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

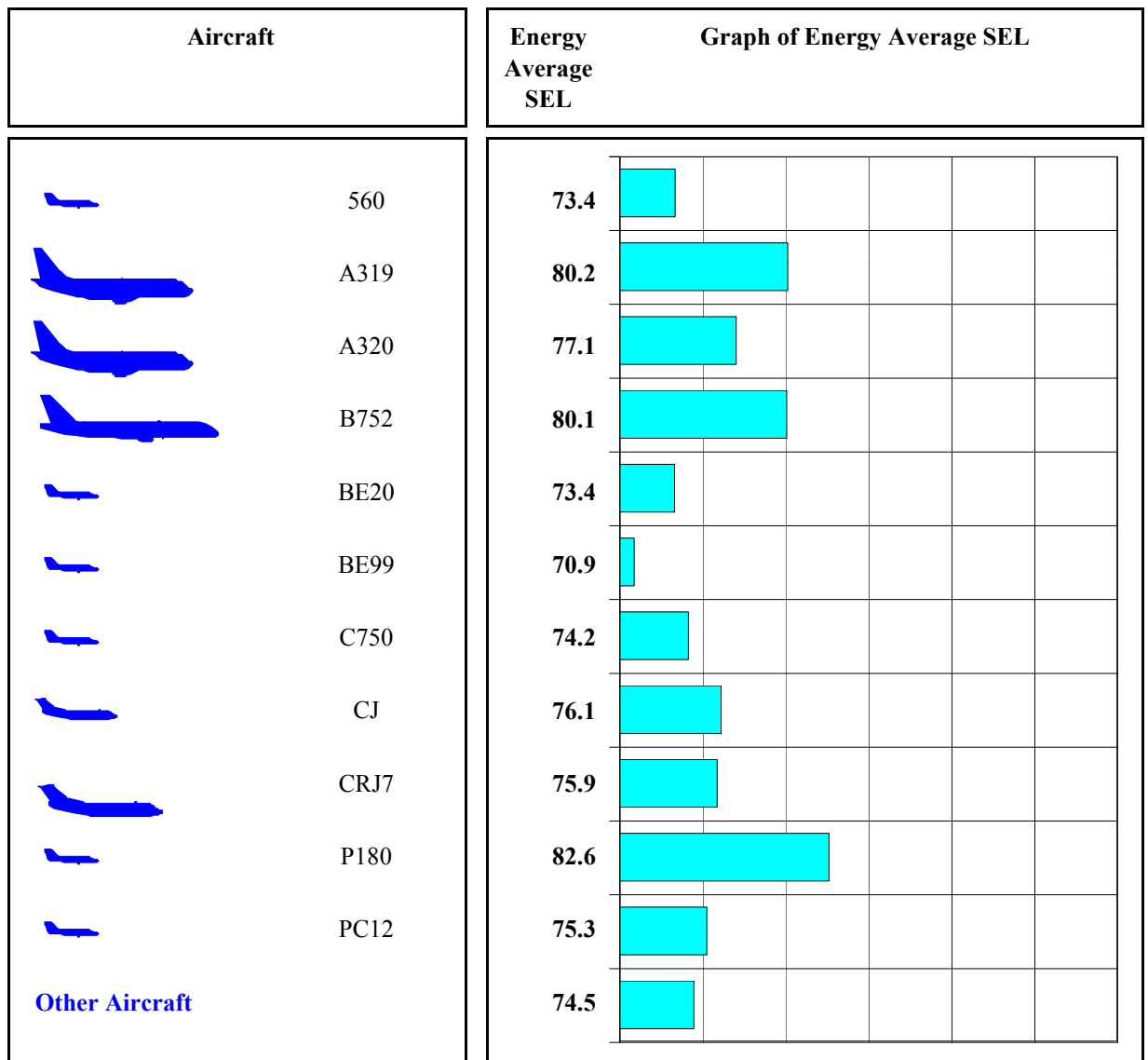
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: GOLF - Golf Course - Jackson Hole Golf & Tennis Club

Operations: Arrivals Runway: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

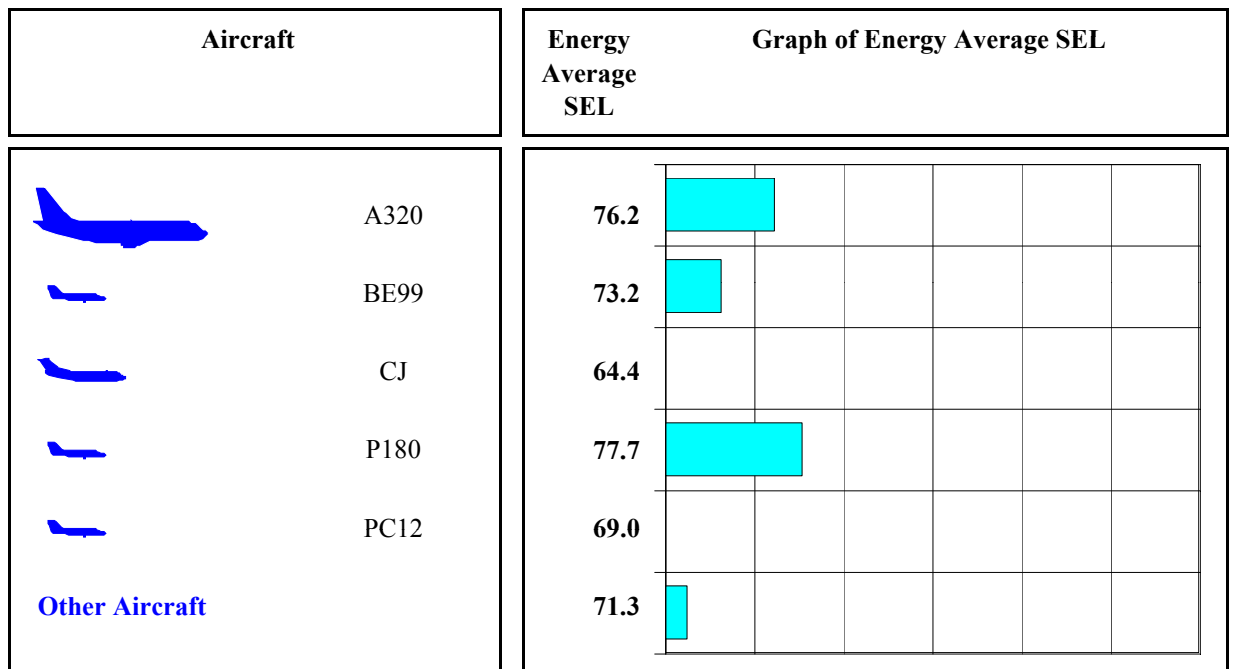
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Barker Ranch - Circle H Ranch (Barker's Residence)

Operations: Arrivals Runway: 19 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

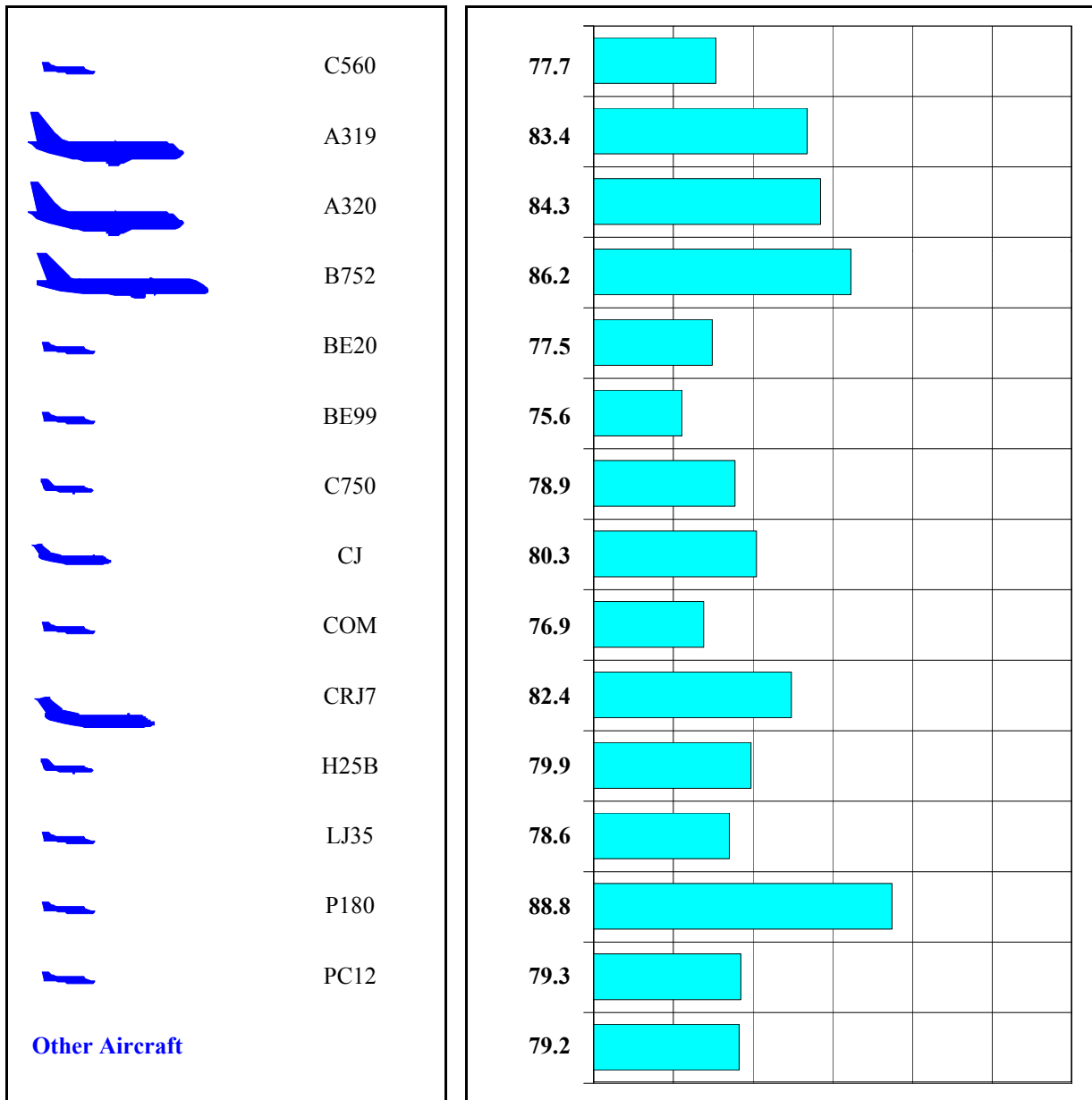
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: MOOSE - Moose Entrance

Operations: Arrivals Runway: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

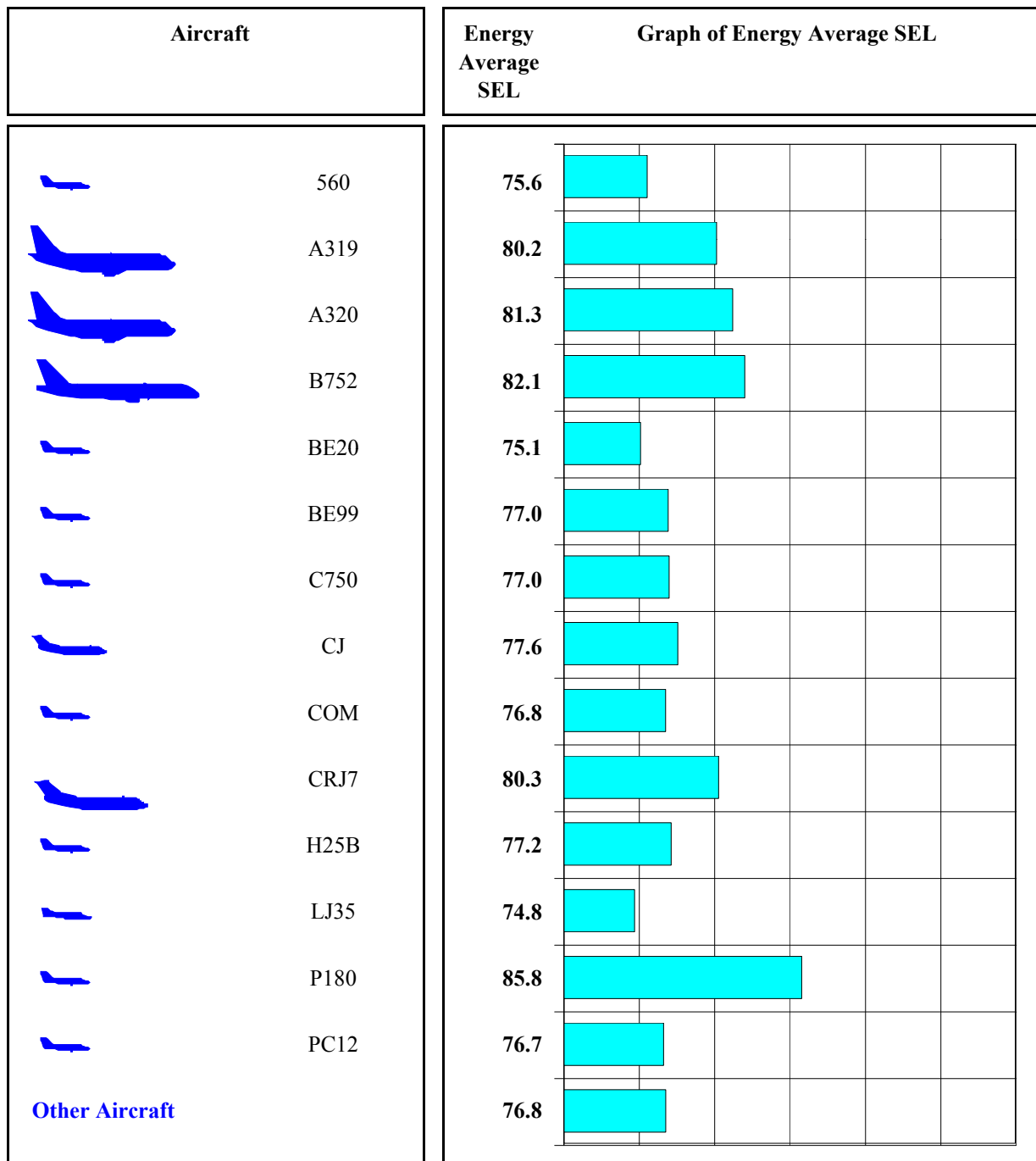
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: 4LAZYF - 4 Lazy F Ranch - 4 Lazy F Ranch

Operations: Arrivals Runway: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.

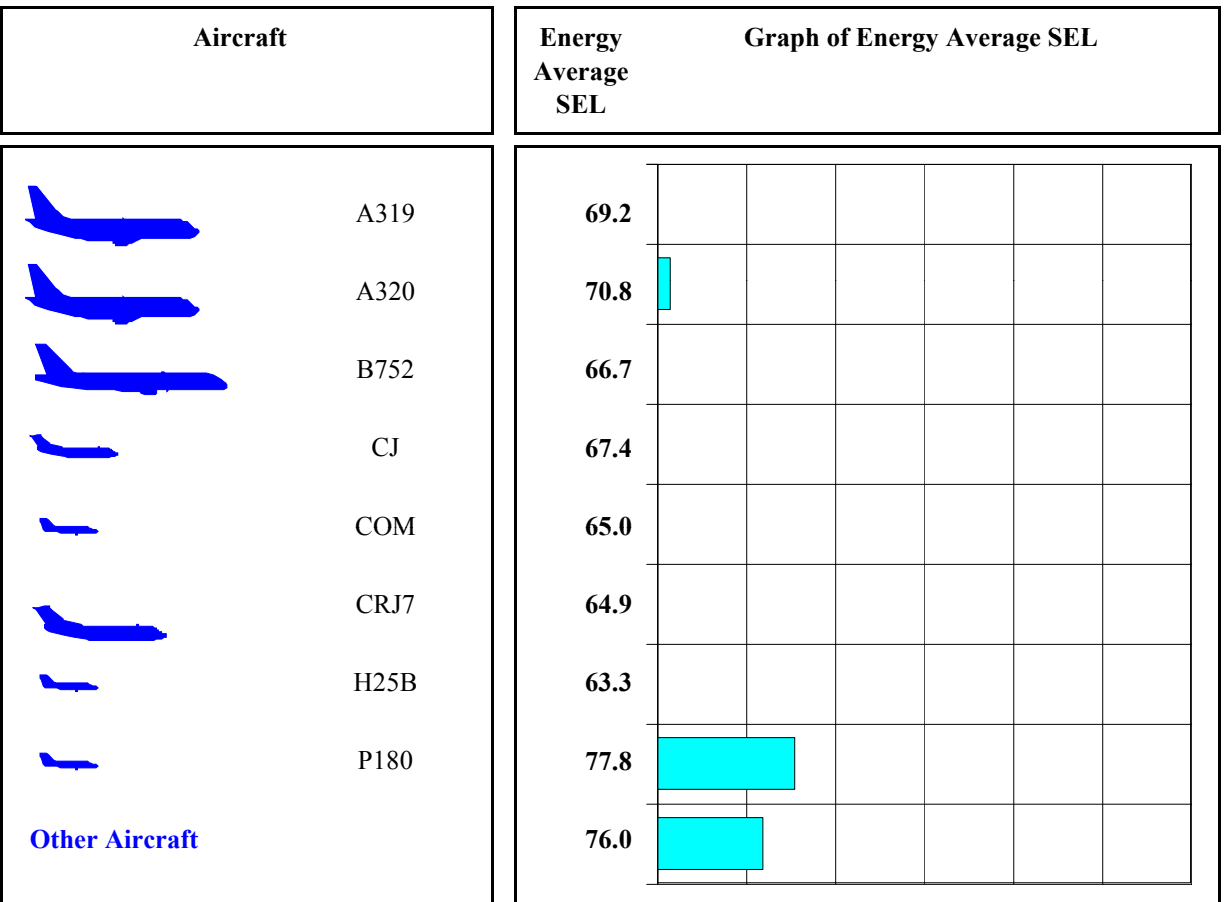
**Single Event Noise Level by Aircraft Report**

Jackson Hole Airport

Period: August 2011 to September 2011

Site: Timber Island - East of Timber Island

Operations: Arrivals Runway: 01 Tracks: ALL



Note: Energy Average is average of all events on a noise energy basis.



# APPENDIX F

## **Loudest Aircraft Noise Events**



**Loudest Aircraft Noise Events Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Moulton Loop - Zenith Drive and Spring Gulch Road

Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Sep 10, 11:09	U	D	19	95.1	102.2	
	Sep 07, 19:33	B752	A	01	98.6	102.0	
	Sep 07, 13:43	B772	D	19	98.0	101.2	
	Sep 04, 08:13	B752	D	19	95.8	100.9	
	Sep 05, 11:57	U	D	19	96.5	100.9	
	Sep 09, 08:13	B752	D	19	94.8	100.6	
	Sep 10, 19:07	U	D	19	92.8	100.4	
	Sep 11, 21:38	FA50	D	19	94.9	100.1	
	Sep 08, 08:42	B752	D	19	95.3	100.0	
	Sep 02, 08:53	U	D	19	94.3	100.0	
	Sep 03, 08:45	B752	D	19	95.0	100.0	
	Sep 06, 08:19	B752	D	19	94.5	99.9	
	Sep 07, 11:30	U	D	19	99.2	99.8	
	Sep 04, 09:49	BE40	D	19	93.4	99.7	
	Sep 05, 09:33	P180	D	19	93.1	99.6	
	Sep 08, 09:32	FA50	D	19	92.7	99.6	
	Sep 05, 17:53	U	D	19	93.7	99.5	
	Sep 02, 11:34	U	D	19	93.1	99.5	
	Sep 01, 15:52	FA50	D	19	94.1	99.4	
	Aug 31, 08:15	B752	D	19	94.0	99.4	
	Sep 04, 08:09	B752	D	19	94.2	99.3	
	Sep 11, 08:22	B752	D	19	93.8	99.3	
	Sep 06, 11:46	BE40	D	19	93.0	99.3	
	Aug 29, 08:29	B752	D	19	93.0	99.2	
	Sep 10, 08:32	B752	D	19	93.2	99.0	

### Loudest Aircraft Noise Events Site Report

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Golf Course - Jackson Hole Golf & Tennis Club


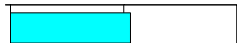

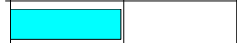





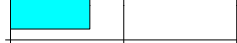



































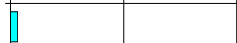

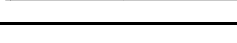


Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Sep 01, 19:44	C560	D	19	76.8	87.2	
	Sep 06, 11:47	BE40	D	19	78.6	86.4	
	Sep 01, 15:53	FA50	D	19	77.4	85.8	
	Sep 05, 10:19	P180	D	19	76.8	85.7	
	Sep 03, 13:49	B752	D	19	74.8	85.6	
	Aug 30, 15:26	A319	D	19	77.4	85.1	
	Sep 11, 19:18	P180	A	01	72.8	85.1	
	Sep 06, 10:12	CRJ7	D	19	74.7	84.9	
	Sep 01, 14:32	C560	D	19	76.7	84.8	
	Sep 02, 20:12	LJ35	D	19	75.9	84.6	
	Sep 02, 13:46	B752	D	19	73.1	84.6	
	Aug 29, 08:18	WW24	D	19	73.8	84.5	
	Sep 09, 15:14	P180	A	01	72.2	84.3	
	Sep 03, 08:24	B752	D	19	73.9	84.2	
	Sep 02, 07:17	A320	D	19	72.8	84.2	
	Aug 29, 08:30	B752	D	19	71.8	84.2	
	Aug 30, 10:21	U	D	19	72.9	84.0	
	Sep 04, 08:28	B752	D	19	71.1	83.8	
	Sep 05, 08:22	B752	D	19	73.6	83.6	
	Aug 29, 13:45	B752	D	19	75.6	83.6	
	Sep 11, 13:47	B752	D	19	74.6	83.6	
	Aug 29, 10:42	U	D	19	75.1	83.5	
	Sep 11, 10:18	CRJ7	D	19	72.4	83.5	
	Sep 08, 09:33	FA50	D	19	72.9	83.5	
	Sep 05, 17:53	U	D	19	74.4	83.5	

### Loudest Aircraft Noise Events Site Report

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Barker Ranch - Circle H Ranch (Barker's Residence)




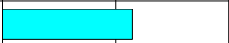

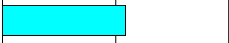





















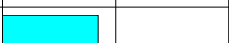









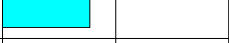









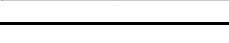


Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Aug 29, 08:29	B752	D	19	70.6	80.6	
	Aug 29, 08:17	WW24	D	19	67.0	79.8	
	Sep 05, 08:21	B752	D	19	68.6	78.3	
	Sep 05, 07:09	A320	D	19	68.3	77.7	
	Sep 09, 07:10	A319	D	19	66.2	77.1	
	Sep 11, 21:38	FA50	D	19	67.2	76.3	
	Aug 29, 16:19	A320	A	19	65.3	76.2	
	Aug 29, 07:06	WW24	A	19	65.2	75.9	
	Sep 08, 07:02	A320	D	19	65.2	75.8	
	Sep 03, 07:17	A320	D	19	65.7	75.5	
	Sep 09, 07:49	BE40	D	19	64.1	75.1	
	Aug 31, 08:14	B752	D	19	64.8	74.7	
	Sep 07, 08:22	B752	D	01	60.5	74.5	
	Sep 06, 15:37	BE20	A	01	65.6	73.8	
	Sep 02, 09:08	C560	D	19	63.2	73.8	
	Sep 08, 17:38	FA50	A	19	60.0	73.6	
	Sep 05, 08:01	C560	D	19	60.4	73.5	
	Aug 30, 07:06	A320	D	01	59.6	73.3	
	Sep 02, 08:57	B752	D	19	65.2	73.1	
	Sep 01, 07:06	A320	D	01	60.2	72.8	
	Sep 06, 07:14	A320	D	01	60.0	72.7	
	Sep 02, 07:26	A319	D	19	60.1	72.7	
	Sep 10, 19:06	B752	A	19	61.3	72.1	
	Sep 05, 07:13	BE35	D	19	62.6	71.1	
	Sep 06, 14:32	A319	D	01	62.0	70.7	

### Loudest Aircraft Noise Events Site Report

Jackson Hole Airport

Period: August 29, 2011 to September 12, 2011

Site: Moose - Moose Entrance

Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Aug 29, 22:16	B752	A	19	85.6	92.5	
	Aug 31, 11:23	P180	A	19	82.6	91.5	
	Sep 10, 17:09	U	A	19	82.8	90.9	
	Aug 30, 12:33	B752	A	19	82.1	90.0	
	Sep 12, 12:28	B752	A	19	82.0	89.6	
	Sep 08, 14:54	U	D	01	79.7	89.6	
	Sep 11, 12:24	B752	A	19	82.3	89.4	
	Sep 03, 12:04	P180	A	19	81.1	89.3	
	Sep 04, 12:30	U	A	19	81.7	89.1	
	Sep 11, 20:48	B752	A	19	80.9	89.1	
	Aug 29, 12:31	B752	A	19	80.0	89.0	
	Sep 01, 07:15	BE40	D	01	80.2	89.0	
	Aug 30, 07:07	A320	D	01	80.0	88.8	
	Aug 31, 12:35	B752	A	19	79.9	88.7	
	Sep 02, 20:01	B752	A	19	81.0	88.5	
	Aug 29, 19:50	B752	A	19	80.3	88.4	
	Aug 30, 08:06	U	D	01	77.9	88.3	
	Sep 06, 08:39	BE40	D	01	77.8	88.2	
	Sep 01, 08:34	B752	D	01	78.7	87.9	
	Aug 30, 07:26	CRJ7	D	01	78.4	87.8	
	Sep 05, 12:37	B752	A	19	79.5	87.6	
	Sep 12, 08:29	B752	D	01	77.4	87.6	
	Sep 07, 08:28	B752	D	01	77.7	87.6	
	Aug 31, 19:49	B752	A	19	79.6	87.5	
	Sep 07, 12:29	B752	A	19	79.2	87.5	

**Loudest Aircraft Noise Events Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: 4 Lazy F Ranch - 4 Lazy F Ranch






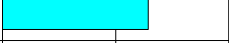












































Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Aug 31, 11:23	P180	A	19	80.9	90.0	
	Sep 01, 07:16	BE40	D	01	80.1	86.9	
	Sep 02, 21:10	A319	A	19	80.7	86.7	
	Aug 30, 08:07	U	D	01	76.9	86.6	
	Aug 30, 07:07	A320	D	01	77.4	86.5	
	Sep 11, 12:23	B752	A	19	79.4	86.5	
	Aug 29, 12:58	G150	A	19	79.9	86.5	
	Sep 06, 08:39	BE40	D	01	75.8	86.4	
	Sep 03, 12:04	P180	A	19	76.1	86.4	
	Sep 10, 07:12	A320	D	01	76.1	86.2	
	Sep 01, 07:07	A320	D	01	77.4	85.9	
	Aug 31, 12:34	B752	A	19	77.2	85.8	
	Sep 11, 17:12	WW24	D	01	76.5	85.7	
	Sep 04, 18:24	B752	A	19	77.9	85.7	
	Aug 31, 13:27	A319	A	19	77.0	85.5	
	Aug 30, 08:18	U	D	01	77.7	85.3	
	Aug 30, 07:26	CRJ7	D	01	75.7	85.3	
	Sep 07, 08:28	B752	D	01	74.8	85.2	
	Aug 29, 22:15	B752	A	19	77.6	85.1	
	Sep 08, 08:35	BE99	A	19	78.0	85.1	
	Sep 01, 08:35	B752	D	01	75.4	85.0	
	Aug 30, 12:33	B752	A	19	76.5	84.9	
	Sep 11, 20:47	B752	A	19	75.4	84.9	
	Sep 05, 18:57	U	A	19	76.1	84.8	
	Sep 11, 16:24	BE40	D	01	77.2	84.8	

**Loudest Aircraft Noise Events Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Timber Island - East of Timber Island

Aircraft	Event Time	Aircraft	Ops	Rwy	Lmax	SEL	Graph Of SEL
	Aug 31, 11:22	P180	A	19	64.5	82.2	
	Sep 08, 14:56	U	D	01	66.7	79.6	
	Sep 06, 12:43	U	D	01	69.2	79.4	
	Sep 02, 14:36	P46T	A	19	64.5	75.6	
	Sep 07, 16:23	A320	A	19	59.9	75.0	
	Sep 09, 13:31	A319	D	01	62.2	73.8	
	Sep 01, 13:35	A319	A	19	65.2	73.7	
	Aug 29, 13:16	A319	A	19	62.3	73.3	
	Sep 06, 09:32	BE20	D	01	59.9	71.6	
	Sep 02, 19:49	C25A	A	19	61.2	69.9	
	Sep 05, 13:23	E50P	A	19	56.0	69.8	
	Sep 06, 12:52	U	A	19	58.7	69.0	
	Sep 03, 12:03	P180	A	19	58.7	69.0	
	Sep 09, 16:43	C56X	D	01	58.9	68.9	
	Aug 30, 18:38	B752	A	19	58.2	68.7	
	Sep 10, 11:27	C340	A	19	56.3	68.7	
	Sep 09, 13:06	U	D	01	57.0	68.2	
	Aug 30, 07:08	A320	D	01	57.1	67.4	
	Sep 10, 15:01	P180	A	19	53.1	67.3	
	Sep 02, 06:48	CL30	A	19	56.3	67.3	
	Sep 07, 13:39	U	A	19	57.9	66.8	
	Sep 10, 07:18	A319	D	01	54.5	66.5	
	Sep 07, 07:53	BE20	D	01	55.4	66.4	
	Sep 02, 21:09	A319	A	19	56.8	66.2	
	Sep 06, 17:31	A320	D	01	52.3	65.7	



# APPENDIX G

## Noise Event Plot Reports



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**Noise Event Plot Report**

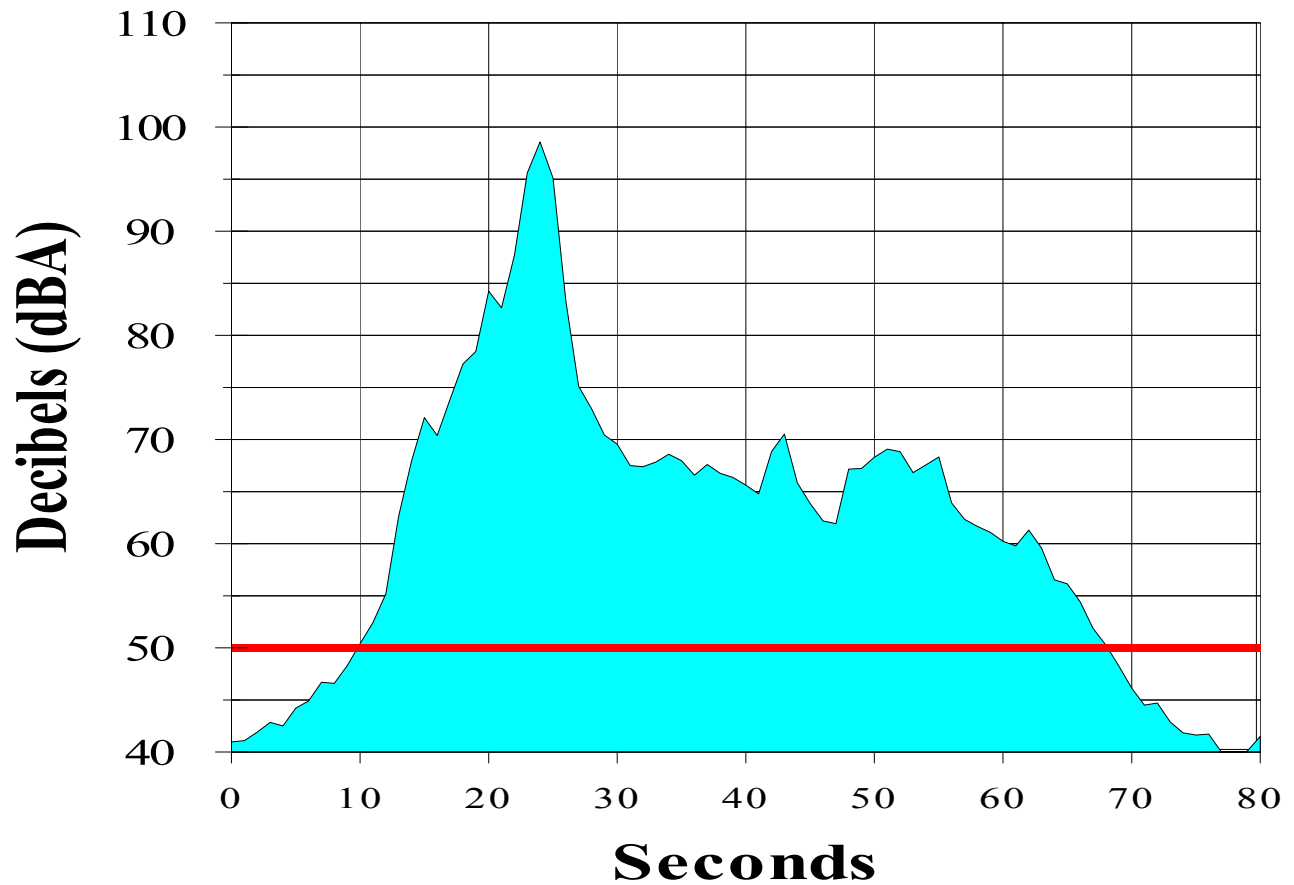
Jackson Hole Airport

Period: September 07, 2011 7:33:56 PM

Site: Moulton Loop

---

<b>Start time:</b>	19:33:42	<b>Lmax time:</b>	19:33:56
<b>SEL (dBA):</b>	102.0	<b>Max (dBA):</b>	98.6
<b>Duration (seconds):</b>	59	<b>Start to peak (seconds):</b>	14
<b>SEL threshold (dBA):</b>	50		
<b>Flight No:</b>	AAL2307		
<b>Aircraft Type:</b>	B752	Boeing Aircraft B757-200 Series	
<b>Operation:</b>	Arrival		
<b>Runway:</b>	01		
<b>Origin:</b>	KDFW	Dallas/Fort Worth International Airport	



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**Noise Event Plot Report**

Jackson Hole Airport

Period: September 5, 2011 10:19:49 AM

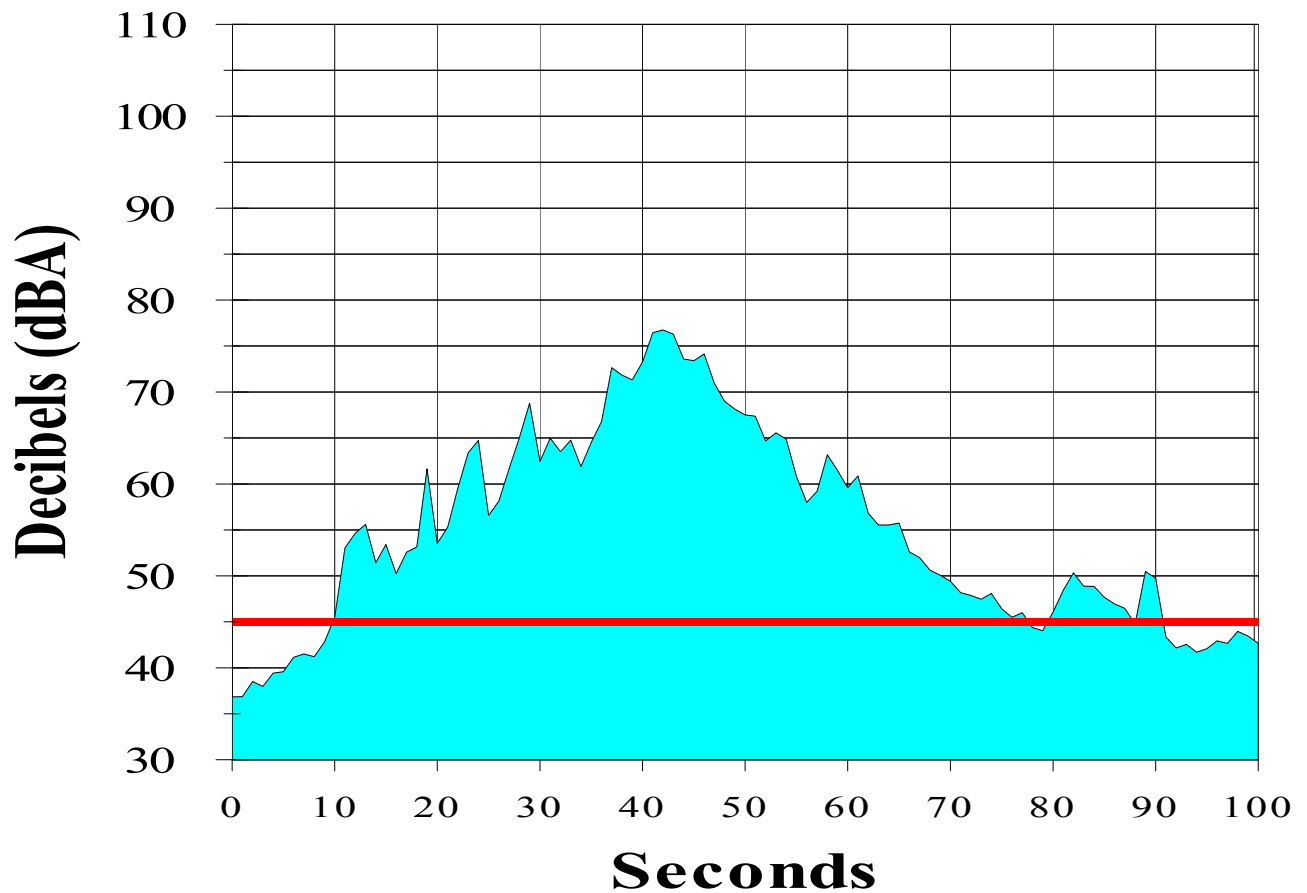
Site: Golf - Jackson Hole Golf & Tennis Club

---

**Start time:** 10:19:17  
**SEL (dBA):** 85.7  
**Duration (seconds):** 81  
**SEL threshold (dBA):** 45  
**Flight No:** VNR147  
**Aircraft Type:** P180  
**Operation:** Departure  
**Runway:** 19  
**Destination:**

**Lmax time:** 10:19:49  
**Max (dBA):** 76.8  
**Start to peak (seconds):** 32

Piaggio Aero Avanti



---

**Noise Event Plot Report**

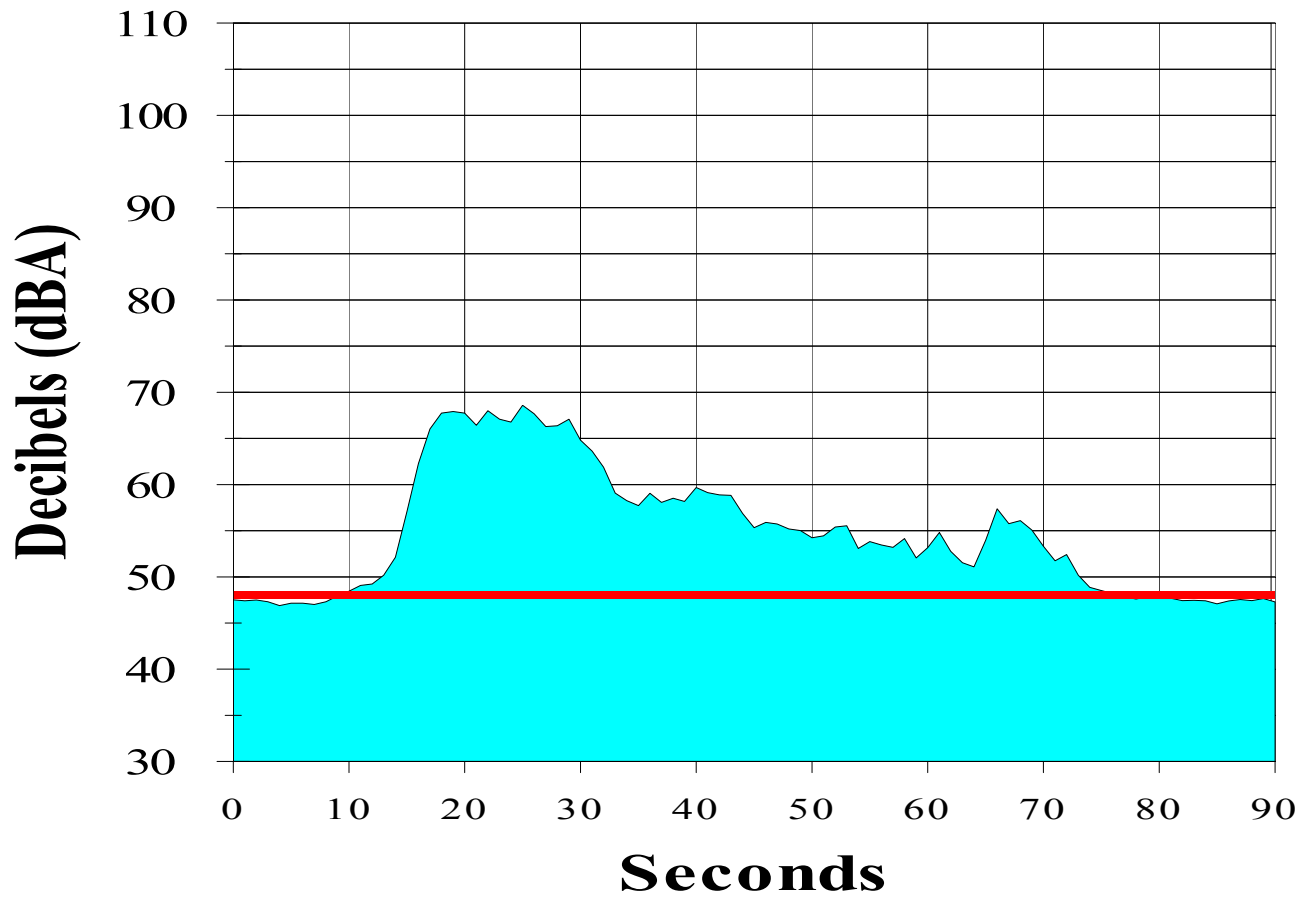
Jackson Hole Airport

Period: August 29, 2011 7:11:36 AM

Site: Barker Ranch

---

<b>Start time:</b>	07:11:21	<b>Lmax time:</b>	07:11:36
<b>SEL (dBA):</b>	79.8	<b>Max (dBA):</b>	68.6
<b>Duration (seconds):</b>	67	<b>Start to peak (seconds):</b>	15
<b>SEL threshold (dBA):</b>	48		
<b>Flight No:</b>	UAL362		
<b>Aircraft Type:</b>	A320	Airbus Aircraft Company	
<b>Operation:</b>	Departure		
<b>Runway:</b>	19		
<b>Destination:</b>	KDEN	Denver International Airport	



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**Noise Event Plot Report**

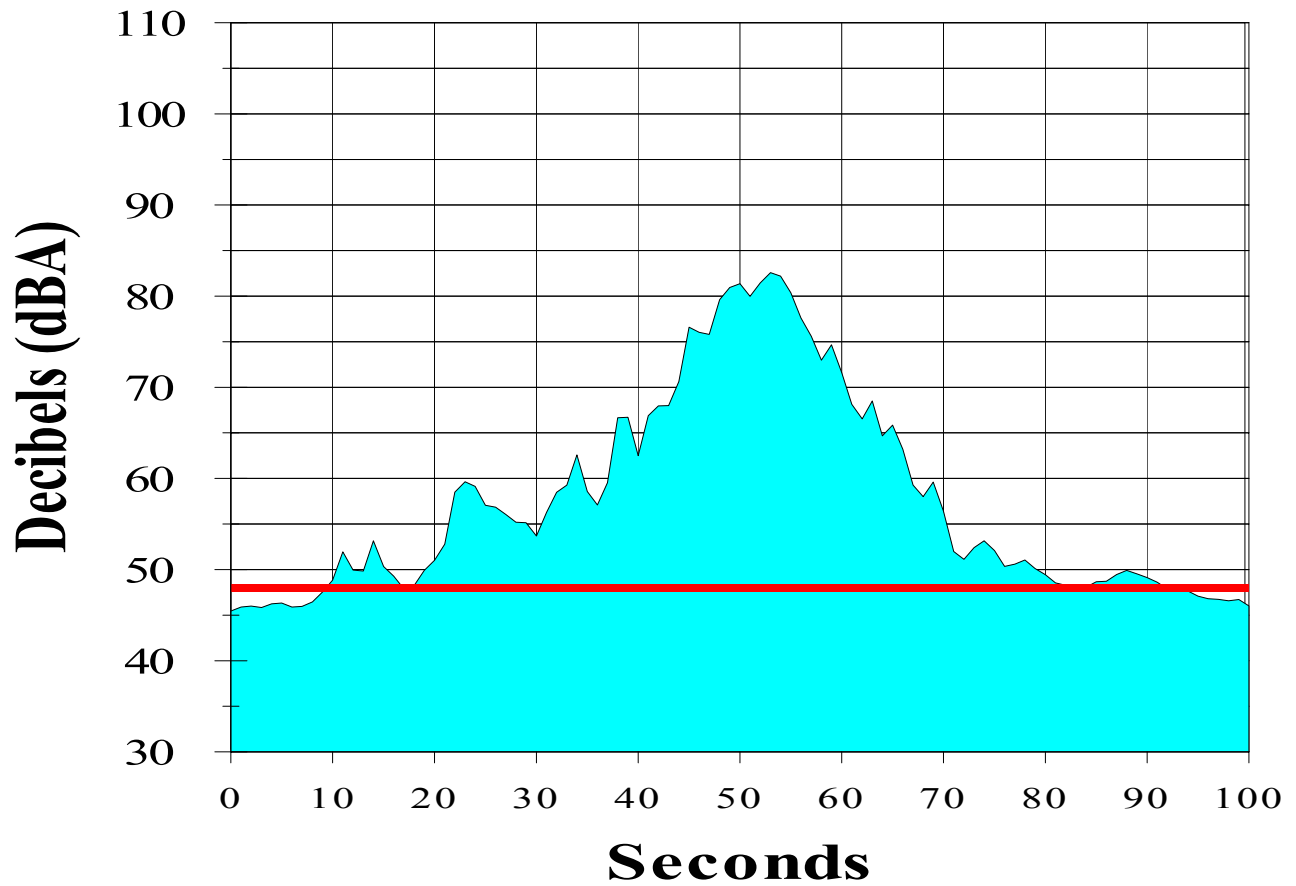
Jackson Hole Airport

Period: August 31, 2011 11:23:35 AM

Site: Moose

---

<b>Start time:</b>	11:22:52	<b>Lmax time:</b>	11:23:35
<b>SEL (dBA):</b>	91.5	<b>Max (dBA):</b>	82.6
<b>Duration (seconds):</b>	84	<b>Start to peak (seconds):</b>	43
<b>SEL threshold (dBA):</b>	48		
<b>Flight No:</b>	VNR136		
<b>Aircraft Type:</b>	P180	Piaggio Aero Avanti	
<b>Operation:</b>	Arrival		
<b>Runway:</b>	19		
<b>Origin:</b>	KGPI	Glacier Park International Airport	



---

**Noise Event Plot Report**

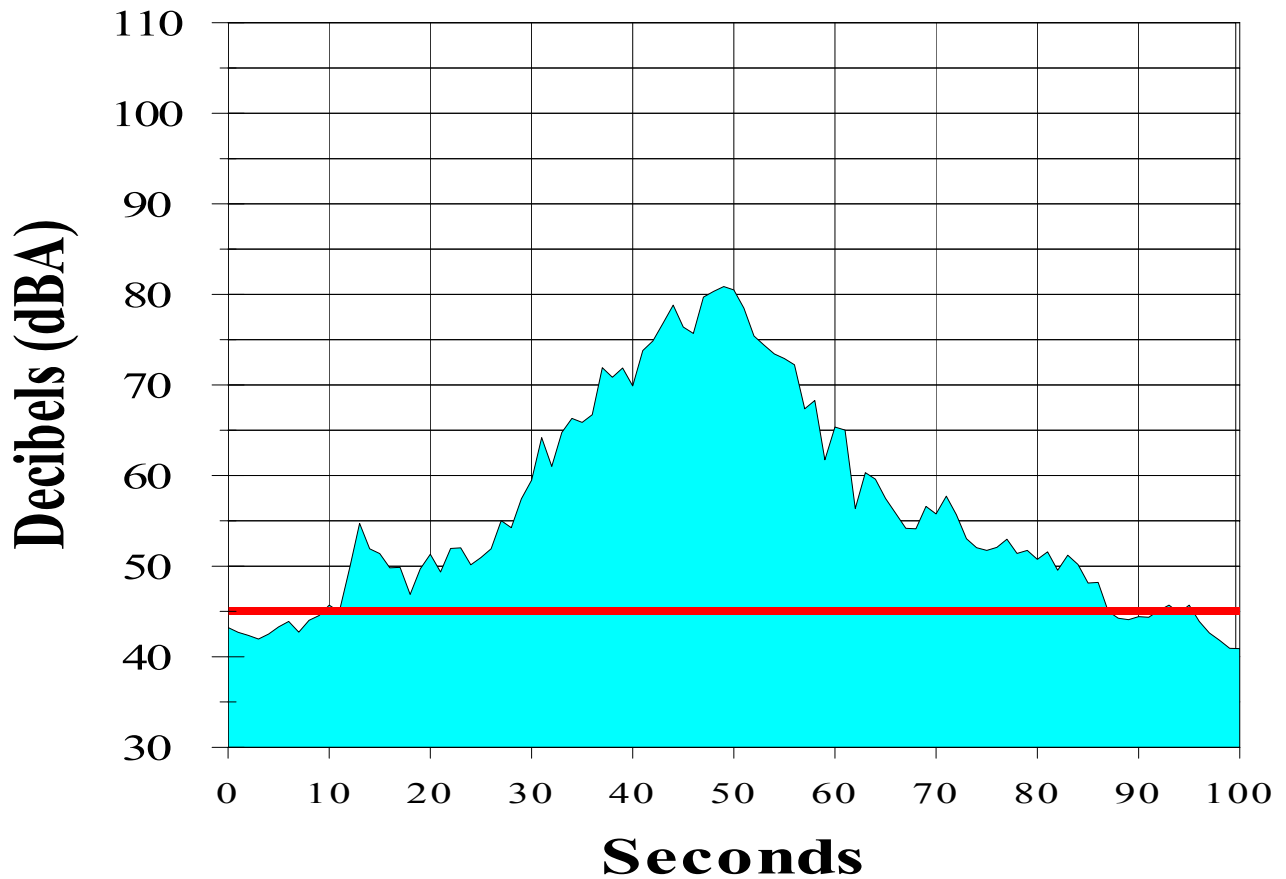
Jackson Hole Airport

Period: August 31, 2011 11:23:12 AM

Site: 4 Lazy F Ranch

---

<b>Start time:</b>	11:22:33	<b>Lmax time:</b>	11:23:12
<b>SEL (dBA):</b>	90.0	<b>Max (dBA):</b>	80.9
<b>Duration (seconds):</b>	77	<b>Start to peak (seconds):</b>	39
<b>SEL threshold (dBA):</b>	45		
<b>Flight No:</b>	VNR136		
<b>Aircraft Type:</b>	P180	Piaggio Aero Avanti	
<b>Operation:</b>	Arrival		
<b>Runway:</b>	19		
<b>Destination:</b>	KGPI	Glacier Park International Airport	



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**Noise Event Plot Report**

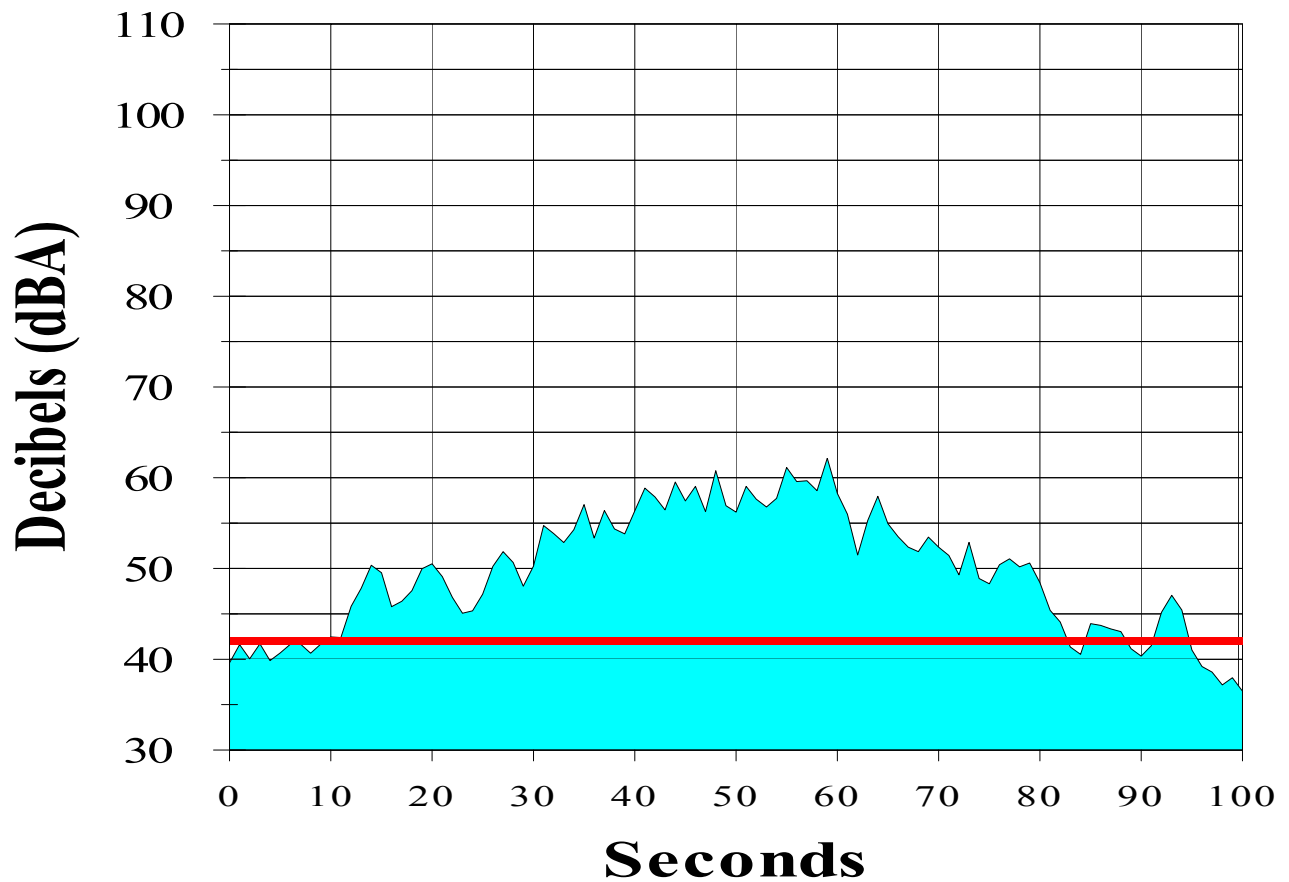
Jackson Hole Airport

Period: September 9, 2011 1:31:33 PM

Site: Timber Island

---

<b>Start time:</b>	13:30:44	<b>Lmax time:</b>	13:31:33
<b>SEL (dBA):</b>	73.8	<b>Max (dBA):</b>	62.2
<b>Duration (seconds):</b>	79	<b>Start to peak (seconds):</b>	49
<b>SEL threshold (dBA):</b>	42		
<b>Flight No:</b>	DAL893		
<b>Aircraft Type:</b>	A319	Airbus Industries	
<b>Operation:</b>	Arrival		
<b>Runway:</b>	19		
<b>Origin:</b>	SLC	Salt Lake City	





# APPENDIX H

## **DNL Contribution and SEL Distribution Results**

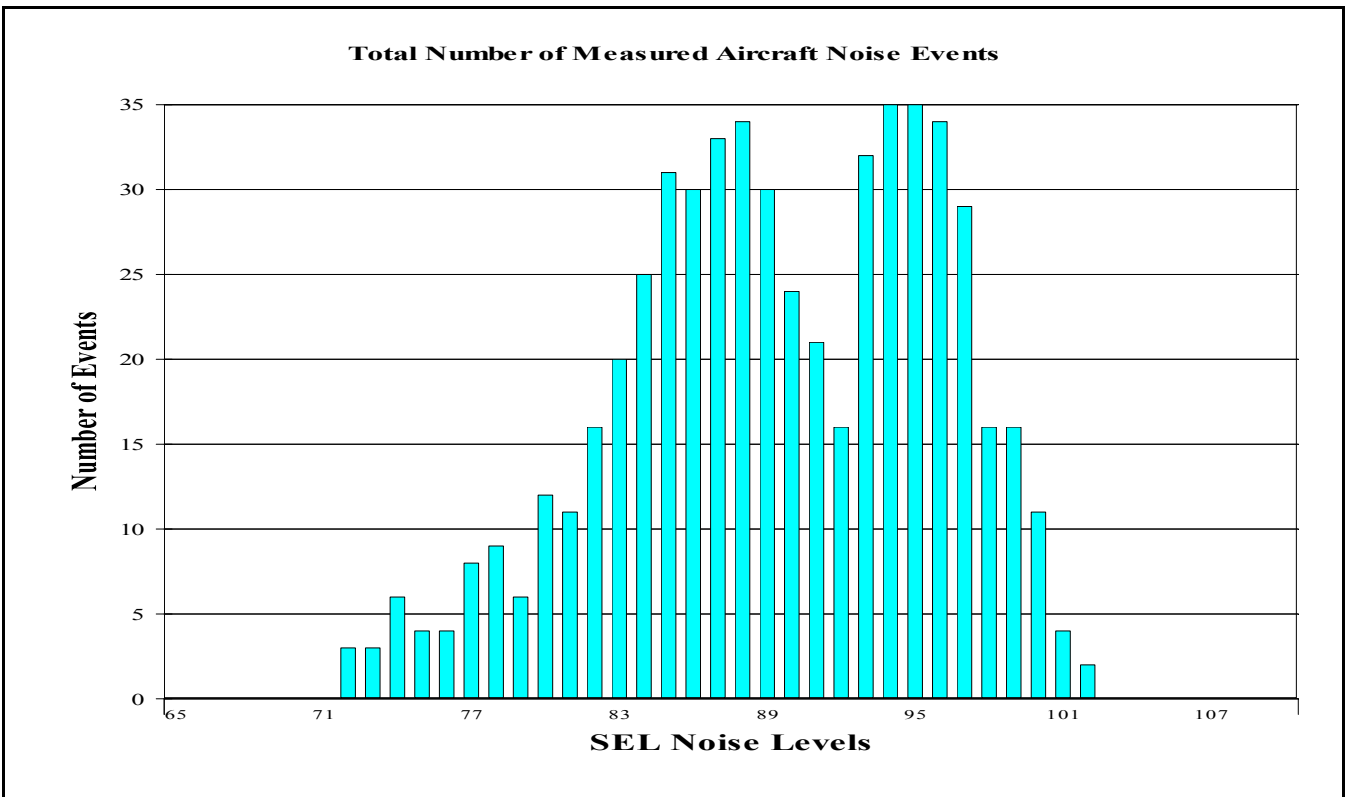
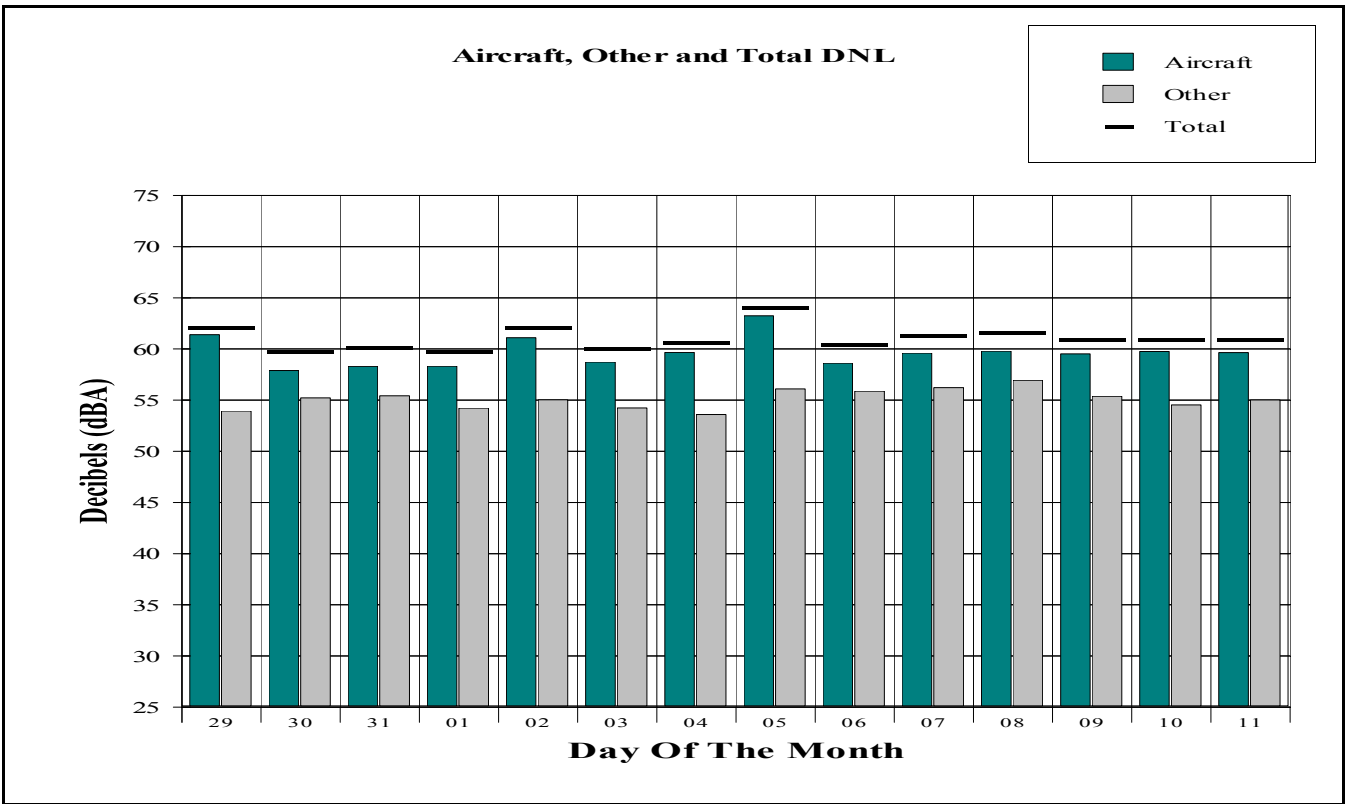


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Moulton Loop

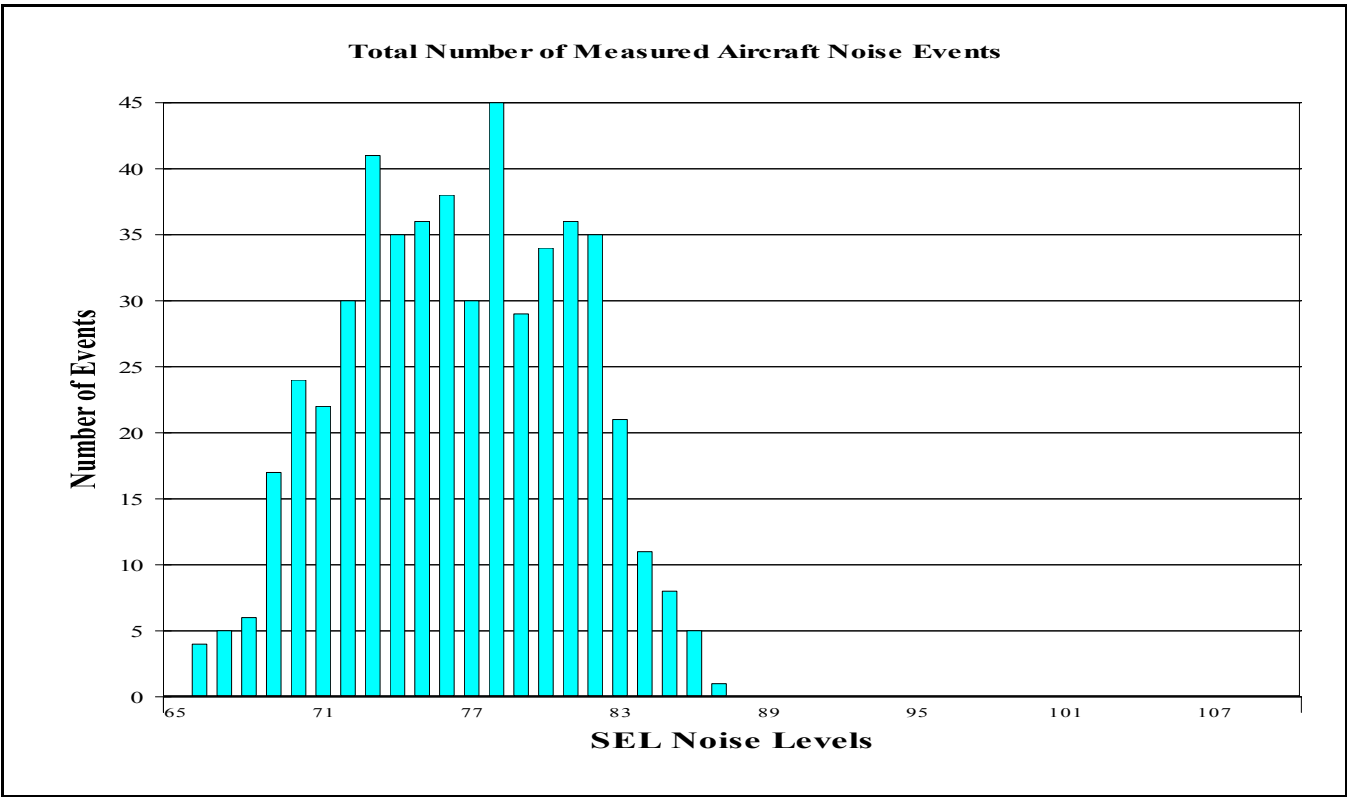
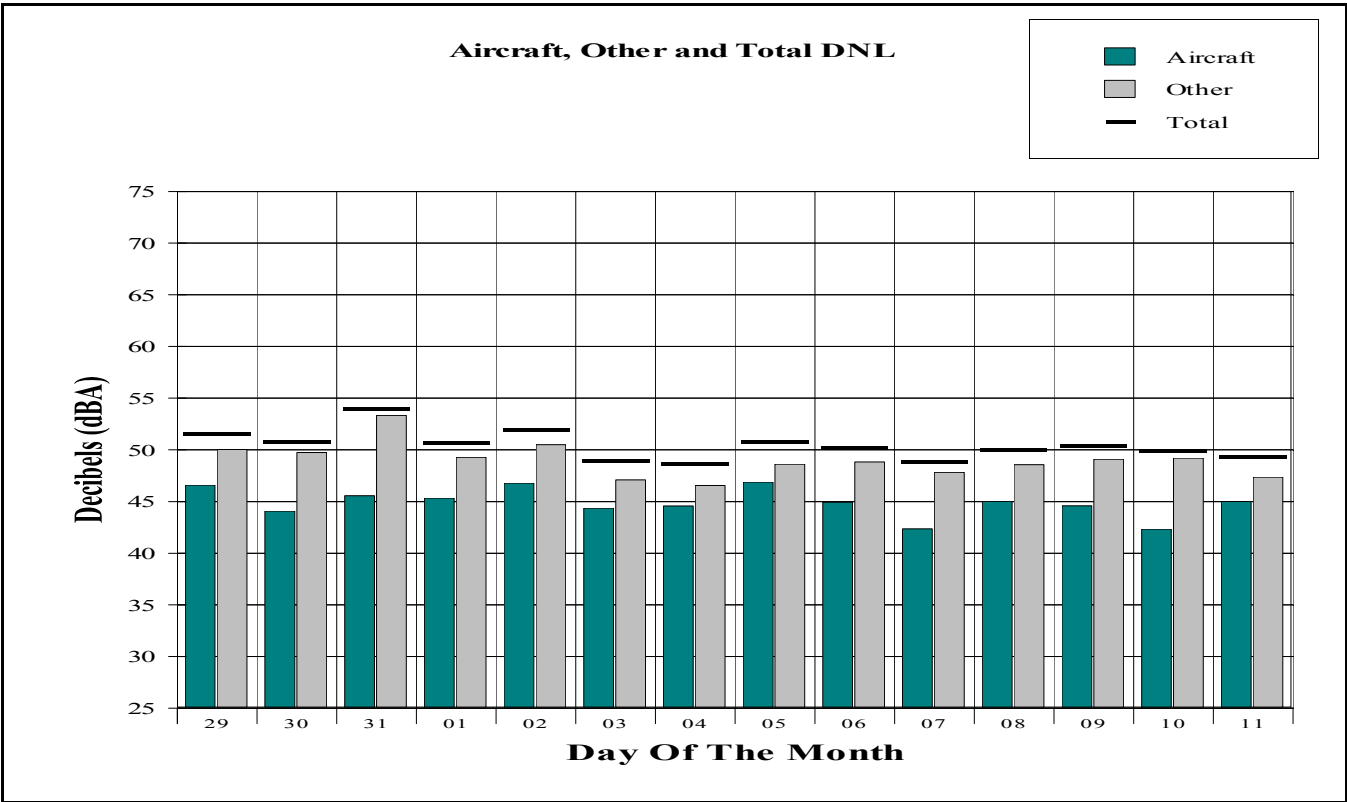


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Golf Course

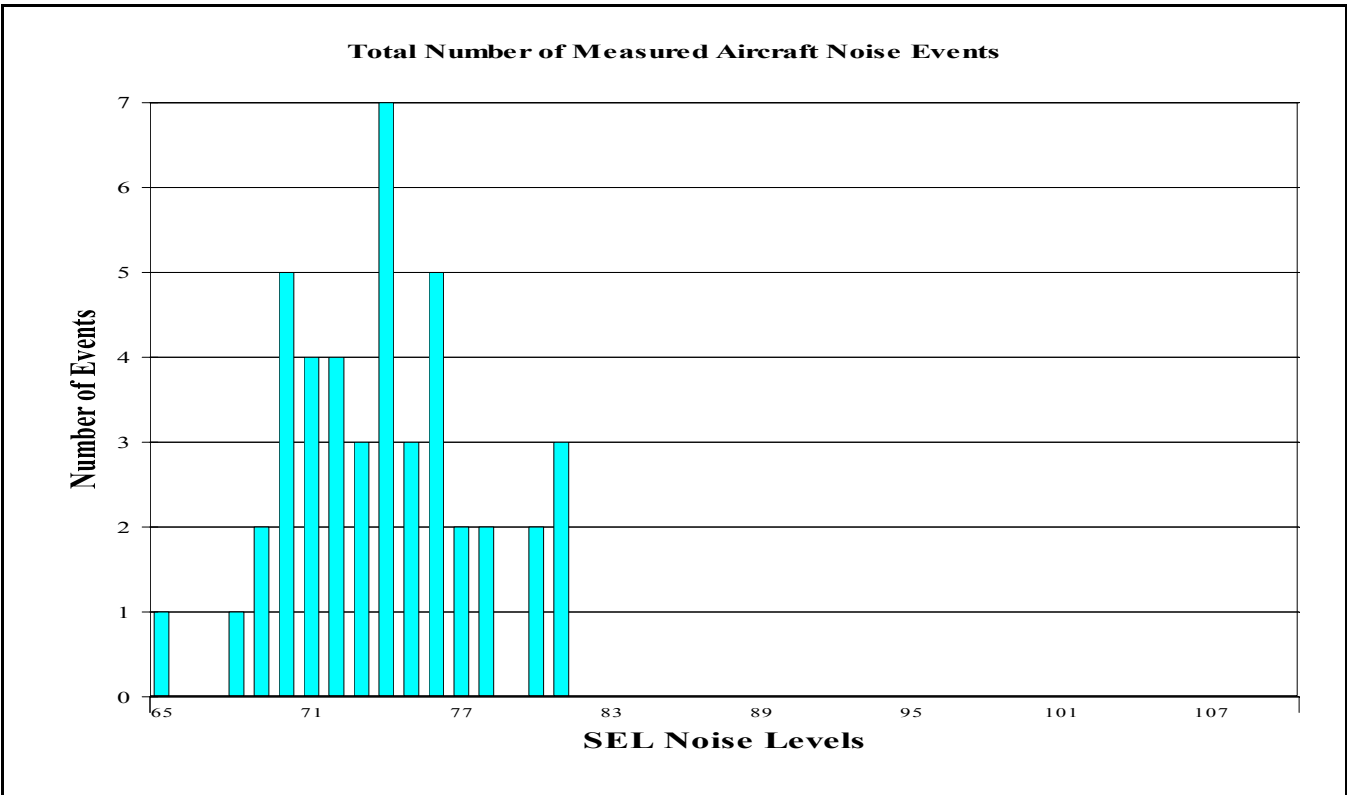
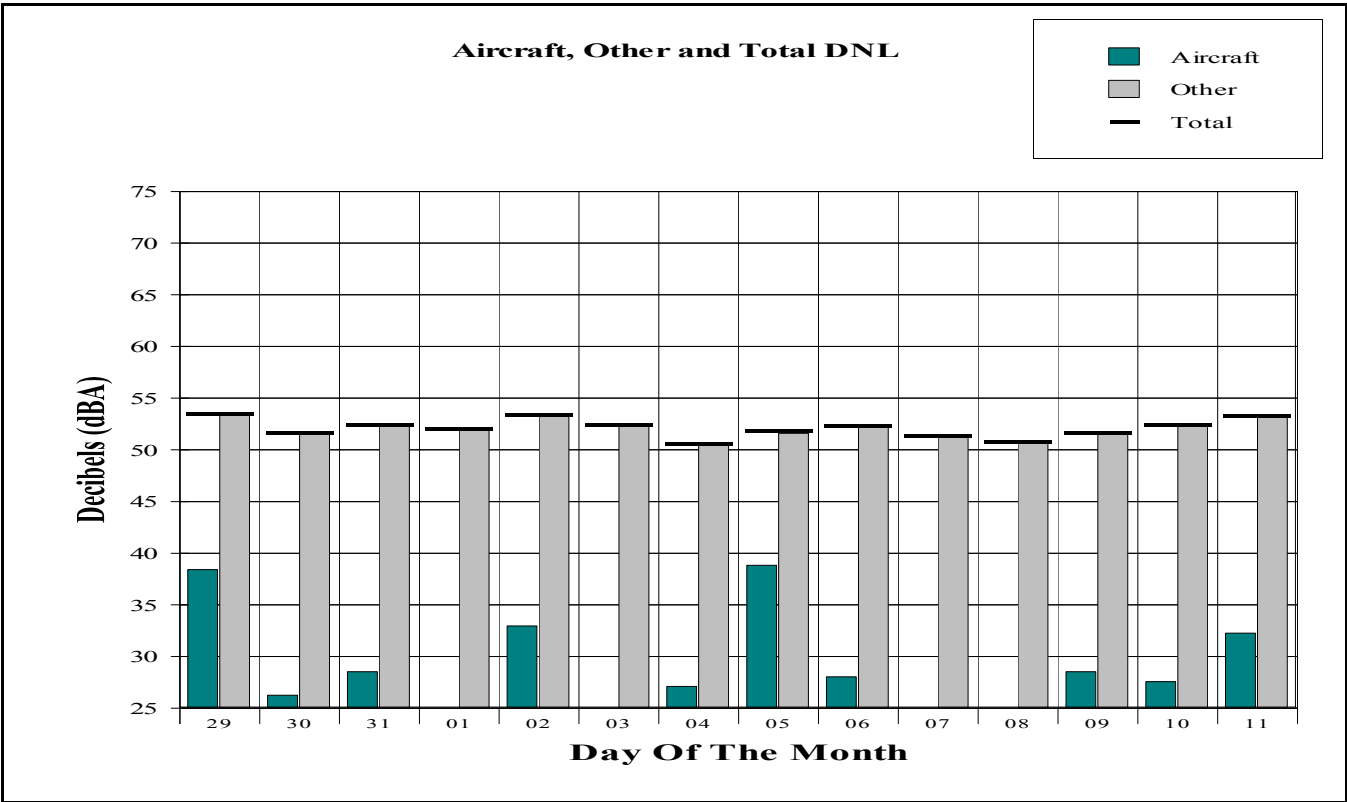


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Barkers Ranch

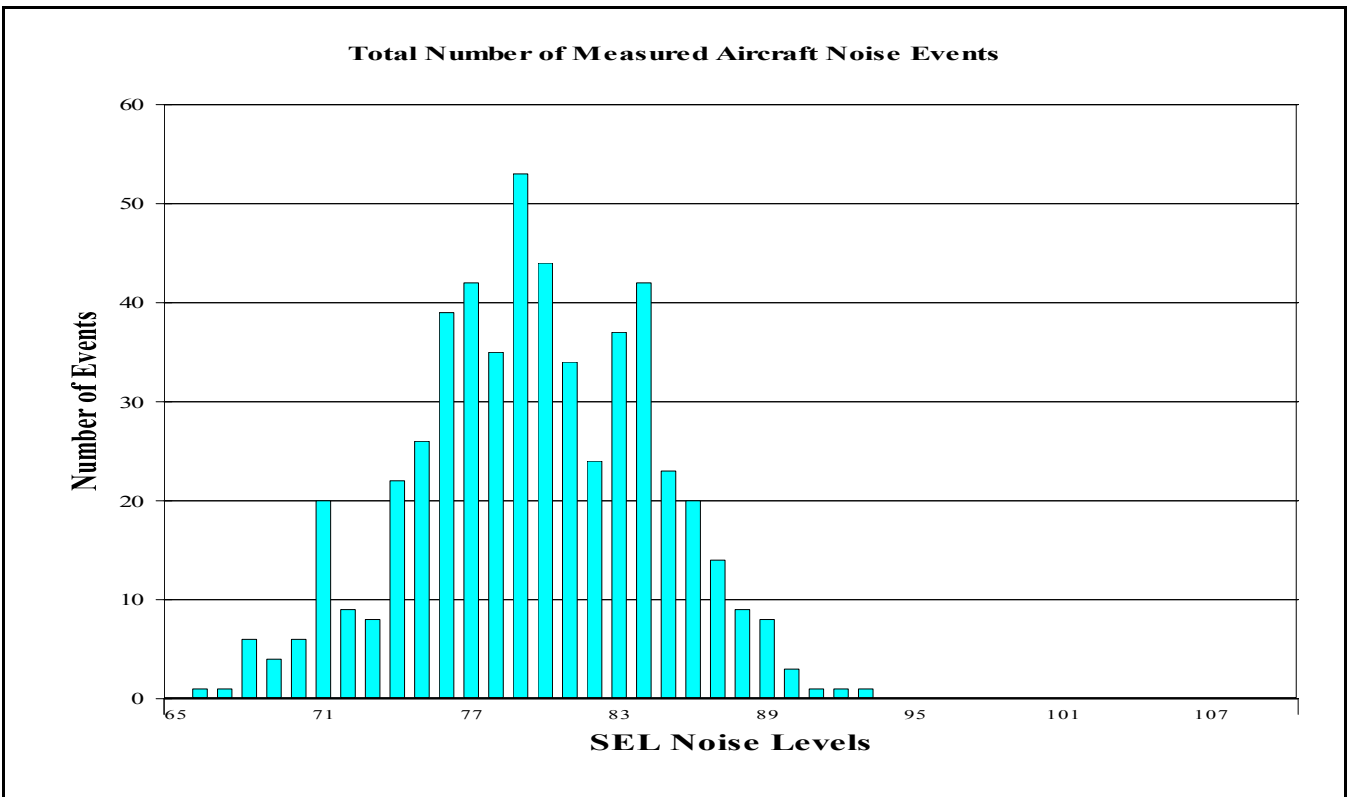
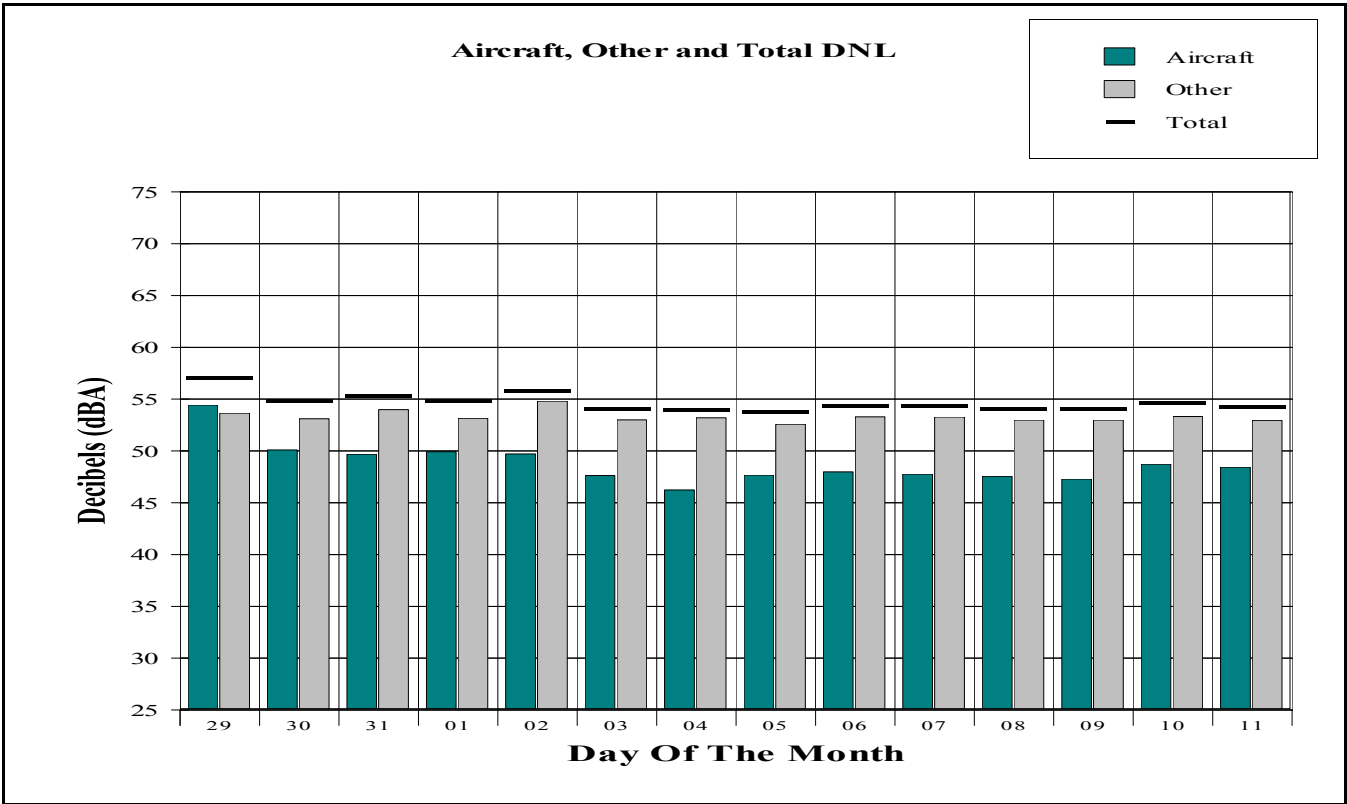


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Moose

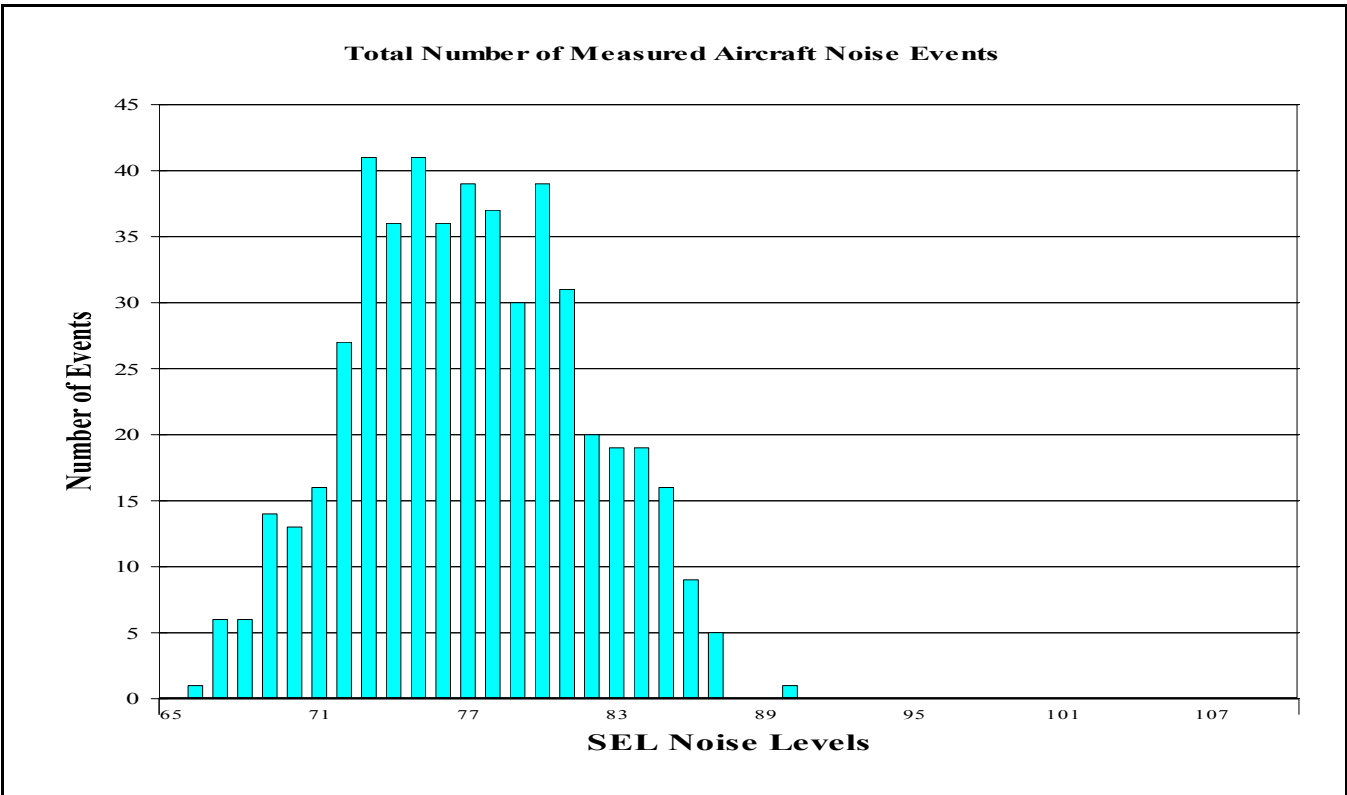
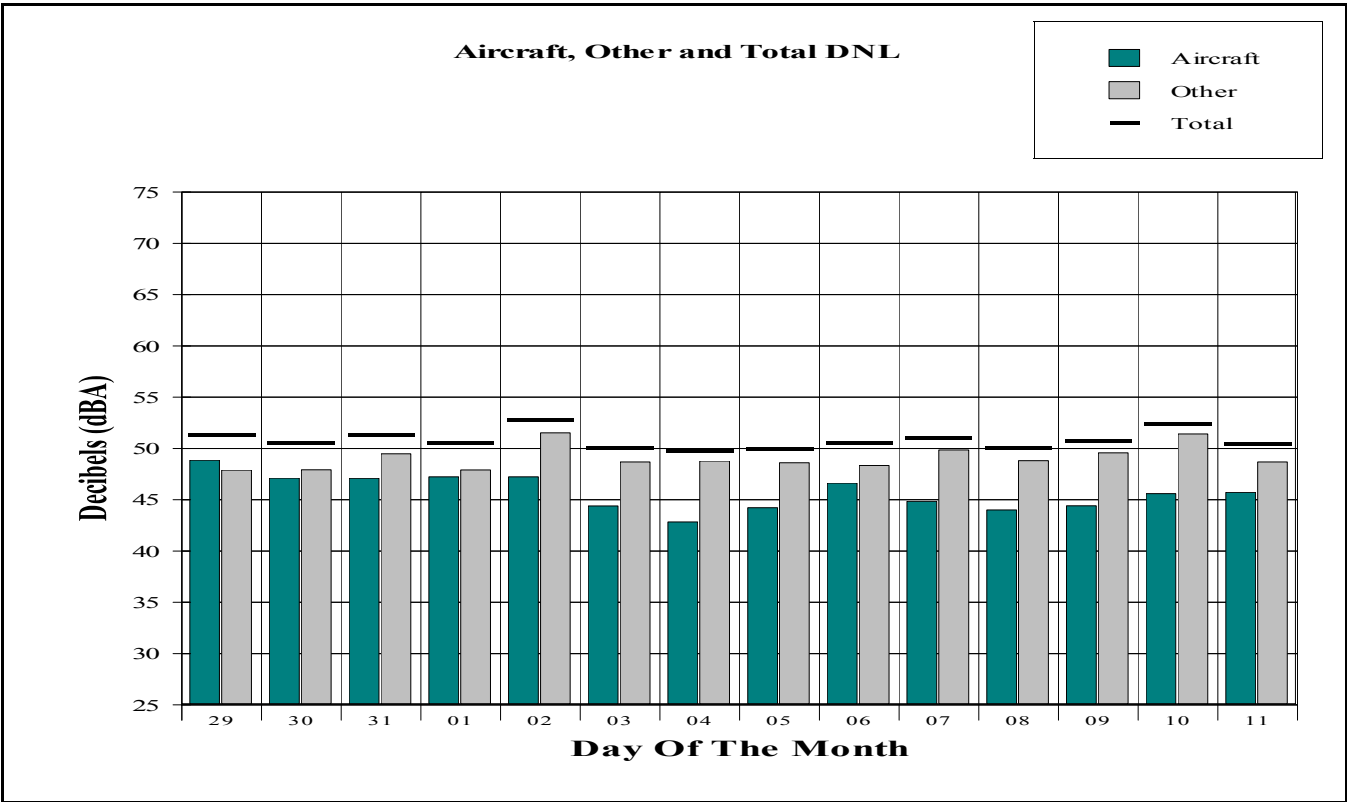


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: 4 Lazy F Ranch

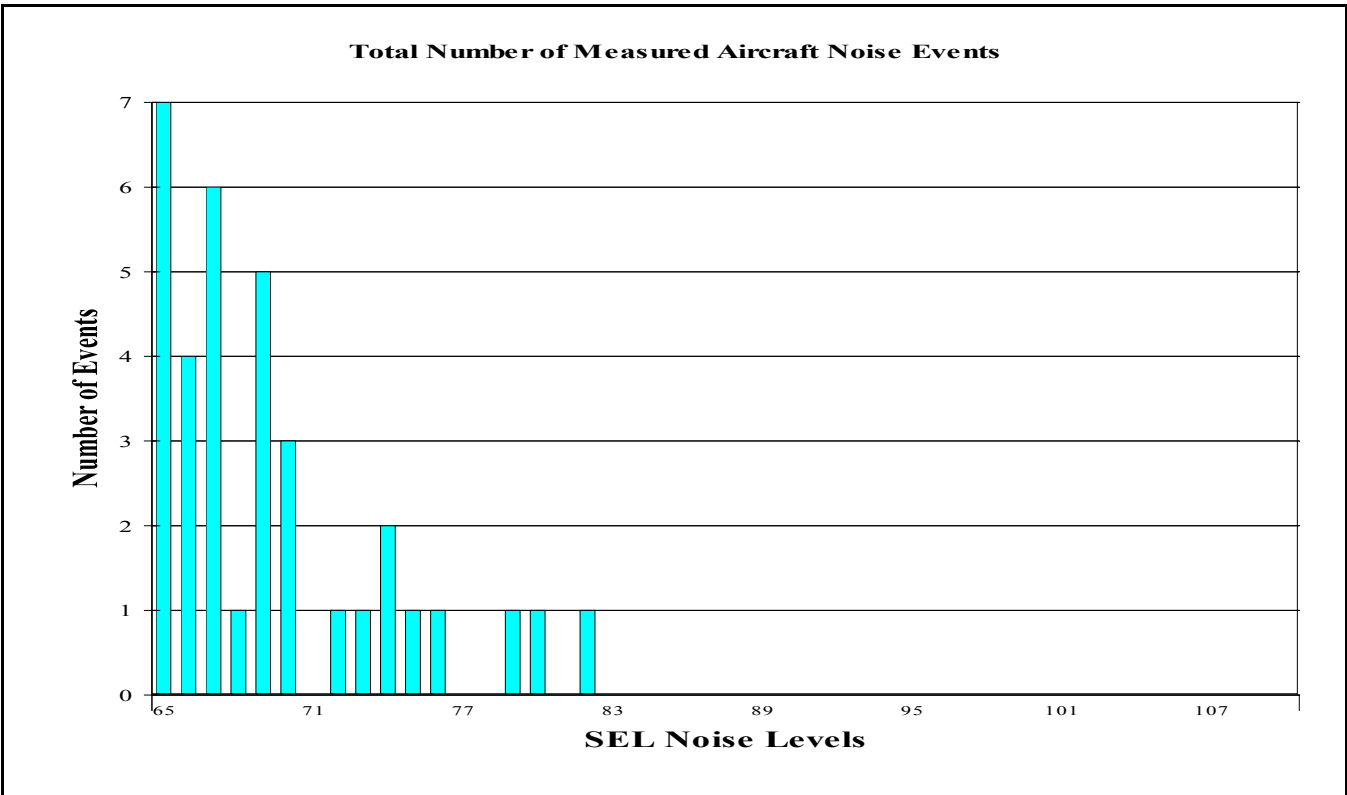
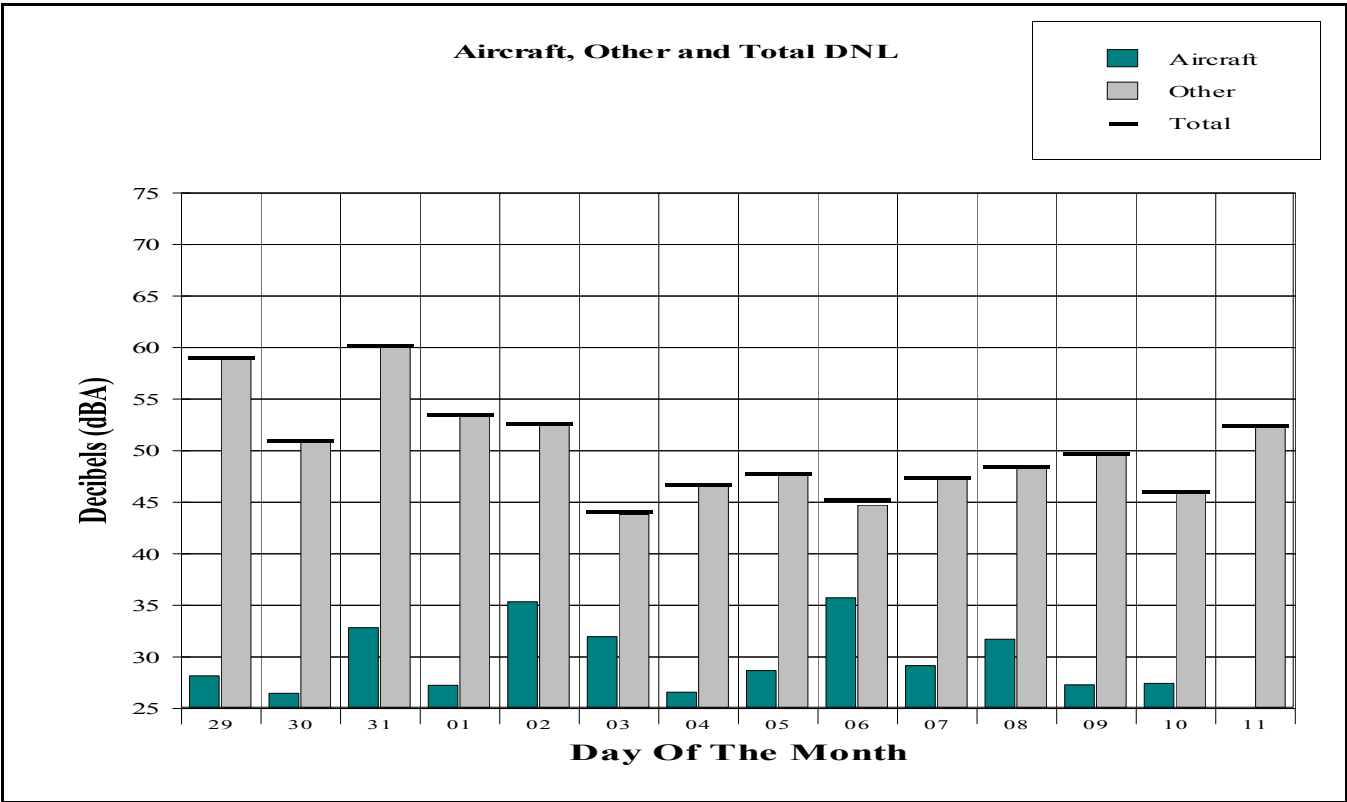


**DNL Contribution and SEL Distribution Results**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Timber Island





# APPENDIX I

## Hourly LEQ Aircraft and Total Noise Data



**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Moulton Loop

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	0	67	70	63	65	61	61	66	63	59	58	61	59	63	0	0	0	0	61
Aug 30	0	0	0	0	0	0	46	50	57	61	64	58	61	66	56	62	0	61	59	0	0	0	0	0	58
Aug 31	0	0	47	0	0	0	0	65	67	61	59	55	0	64	59	57	53	58	57	0	0	0	0	0	58
Sep 1	0	0	0	0	0	0	0	55	51	64	0	63	0	65	62	66	57	59	58	60	0	48	0	0	58
Sep 2	0	0	0	0	0	0	42	66	68	65	66	65	59	61	65	64	54	0	62	39	50	0	0	0	61
Sep 3	0	0	0	0	0	0	0	65	68	59	54	57	62	64	63	49	47	0	0	47	0	0	0	0	59
Sep 4	0	0	0	0	0	0	0	61	69	66	60	55	60	65	60	0	62	57	53	0	0	0	0	0	60
Sep 5	0	0	0	0	0	0	60	68	67	66	68	67	52	65	66	62	65	66	63	50	0	60	0	0	63
Sep 6	0	0	0	0	0	0	53	56	65	57	57	64	62	59	58	51	60	59	62	53	63	0	0	0	59
Sep 7	0	0	0	0	0	0	0	55	49	58	61	66	45	67	62	51	46	61	0	68	53	60	0	0	60
Sep 8	0	0	0	0	0	0	0	64	64	67	60	59	54	64	58	50	59	61	63	0	0	63	0	52	60
Sep 9	49	0	0	0	0	0	0	62	68	59	59	54	63	58	54	63	58	54	60	62	63	0	0	0	60
Sep 10	0	0	0	0	0	0	48	46	65	61	59	67	65	62	61	46	59	56	0	65	58	52	0	0	60
Sep 11	0	0	0	0	0	0	0	61	66	61	62	62	49	62	56	56	58	56	62	63	0	67	0	0	60
Energy Average	37	0	36	0	0	0	49	63	66	63	62	63	60	64	61	60	59	60	59	61	56	58	0	41	60

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	39	46	37	40	38	45	47	67	70	65	65	61	62	66	63	61	60	63	61	63	46	46	44	44	62
Aug 30	39	41	37	48	49	48	51	55	58	62	66	59	61	67	58	63	56	62	60	52	47	49	45	43	60
Aug 31	45	45	53	45	45	42	48	65	67	62	60	56	59	65	61	59	59	61	59	49	54	50	43	42	60
Sep 1	40	35	36	39	40	43	51	59	55	64	53	64	53	66	63	66	59	61	59	61	48	51	45	43	60
Sep 2	45	46	46	42	48	43	51	67	68	66	67	65	60	61	65	64	57	52	63	49	52	50	47	45	62
Sep 3	43	42	42	45	47	45	45	65	69	63	55	58	63	64	64	54	50	47	45	53	48	47	46	46	60
Sep 4	49	51	47	34	37	34	42	64	69	67	61	55	60	65	61	50	62	57	54	47	46	45	45	43	61
Sep 5	40	40	37	36	35	37	60	68	67	66	69	67	53	67	66	62	65	66	63	53	48	60	45	46	64
Sep 6	48	48	47	47	45	44	54	58	65	58	62	64	62	59	59	56	62	62	62	55	63	49	45	51	60
Sep 7	50	51	49	48	43	44	53	57	56	59	61	66	53	68	64	54	53	62	54	68	54	60	45	42	61
Sep 8	42	37	40	43	40	45	47	64	68	68	63	62	60	64	62	53	60	62	63	49	48	63	49	53	62
Sep 9	50	37	40	38	38	41	48	63	70	60	59	59	65	59	56	63	59	56	61	62	64	48	45	47	61
Sep 10	41	46	39	39	36	40	51	52	67	65	60	67	65	62	62	49	59	57	51	65	59	54	44	40	61
Sep 11	39	38	47	38	40	37	51	61	67	62	63	62	52	64	63	57	59	57	62	63	56	67	44	48	61
Energy Average	46	46	46	43	44	43	52	64	67	64	63	63	61	65	63	61	60	61	60	61	57	58	45	47	61

**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Golf Course - Jackson Hole Golf & Tennis Club

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	0	50	57	54	51	42	33	53	49	46	40	46	49	46	0	42	0	0	48
Aug 30	0	0	0	0	0	0	0	34	51	41	51	44	44	54	45	51	42	46	45	0	0	0	0	0	45
Aug 31	0	0	45	0	0	0	0	49	51	44	46	41	0	50	47	0	40	48	47	0	39	0	0	0	46
Sep 1	0	0	0	0	0	0	0	38	42	46	38	50	0	50	50	52	44	47	46	52	35	40	0	0	45
Sep 2	0	0	0	0	0	0	0	52	52	51	51	47	45	53	50	47	36	0	49	0	49	0	0	0	47
Sep 3	0	0	0	0	0	0	0	48	52	48	0	44	48	52	49	41	36	0	0	42	0	0	0	0	44
Sep 4	0	0	0	0	0	0	0	49	52	51	48	44	45	49	44	0	48	41	41	0	0	34	0	0	45
Sep 5	0	0	0	0	0	0	0	54	50	49	54	45	45	51	49	48	49	50	51	38	0	40	0	0	47
Sep 6	0	0	0	0	0	0	38	44	50	46	51	51	49	46	41	39	43	44	45	43	46	0	0	0	45
Sep 7	0	0	0	0	0	0	0	40	35	45	49	41	0	45	49	0	0	49	34	49	38	42	0	0	42
Sep 8	0	0	0	0	0	0	0	50	50	51	49	49	44	46	45	34	43	49	46	0	0	46	0	0	45
Sep 9	37	0	0	0	0	0	0	48	52	45	45	48	44	45	0	50	43	40	46	47	46	0	0	0	45
Sep 10	0	0	0	0	0	0	0	39	48	48	44	55	49	40	47	0	34	47	0	56	42	36	0	0	47
Sep 11	0	0	0	0	0	0	0	46	49	48	49	43	37	52	45	36	42	42	47	50	42	50	0	0	45
Energy Average	26	0	33	0	0	0	27	49	51	49	49	48	45	51	47	46	43	46	46	48	42	41	0	0	46

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	37	37	37	36	38	38	43	51	57	55	54	48	47	55	53	52	52	52	51	49	44	45	43	41	52
Aug 30	40	40	44	40	39	39	43	49	56	48	52	48	49	55	48	51	46	49	48	43	45	42	43	39	51
Aug 31	39	37	54	40	45	40	45	51	52	50	49	45	53	56	55	52	55	54	50	42	44	42	43	40	54
Sep 1	39	41	39	38	40	40	45	47	48	50	52	50	49	52	52	53	49	49	48	52	42	45	43	43	51
Sep 2	38	37	38	38	37	40	43	53	52	52	52	51	53	58	58	49	46	46	50	42	50	42	42	43	52
Sep 3	38	38	37	37	37	39	40	49	53	51	47	46	49	53	50	46	43	42	41	45	46	46	41	44	49
Sep 4	39	37	39	38	39	39	41	50	52	52	51	46	47	50	47	44	49	44	45	43	45	45	40	39	49
Sep 5	45	39	37	39	38	38	40	55	51	51	54	49	47	52	52	49	50	51	51	44	42	46	40	44	51
Sep 6	36	37	38	38	38	39	45	48	51	49	52	52	55	49	46	48	51	51	47	45	47	39	39	44	50
Sep 7	37	38	36	37	38	38	43	49	47	50	54	49	47	50	50	46	45	50	47	50	43	44	38	37	49
Sep 8	37	37	36	36	37	39	44	52	52	54	55	53	47	51	48	44	47	53	48	42	42	47	39	39	50
Sep 9	40	36	37	37	37	39	43	50	53	47	49	51	48	50	57	50	47	46	48	48	47	41	45	39	50
Sep 10	39	38	36	37	37	38	41	45	51	52	48	56	50	45	48	41	44	48	43	56	45	42	45	39	50
Sep 11	38	38	37	36	37	38	45	47	50	50	50	45	43	52	50	47	46	45	48	51	44	50	44	38	49
Energy Average	39	38	44	38	39	39	43	50	53	51	52	50	50	53	53	49	49	50	48	49	45	45	42	41	51

**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Barker Ranch - Circle H Ranch (Barker's Residence)

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	0	47	50	0	0	39	0	0	0	0	41	0	0	0	0	0	0	0	38
Aug 30	0	0	0	0	0	0	0	0	0	0	0	39	0	34	0	0	0	0	0	0	0	0	0	0	26
Aug 31	0	0	0	0	0	0	0	0	39	0	0	0	0	36	36	0	29	0	0	0	0	0	0	0	29
Sep 1	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Sep 2	0	0	0	0	0	0	0	37	39	0	39	0	0	0	0	39	43	0	0	0	0	0	0	0	33
Sep 3	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Sep 4	0	0	0	0	0	0	0	0	40	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	27
Sep 5	0	0	0	0	0	0	41	36	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Sep 6	0	0	0	0	0	0	0	37	0	0	0	0	33	0	0	39	48	0	0	0	0	0	0	0	35
Sep 7	0	0	0	0	0	0	0	35	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	34
Sep 8	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Sep 9	0	0	0	0	0	0	0	41	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Sep 10	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	34	0	0	37	0	0	0	0	0	28
Sep 11	0	0	0	0	0	0	0	38	0	0	0	0	0	34	0	0	0	43	0	0	0	41	0	0	32
Energy Average	0	0	0	0	0	0	29	38	42	0	28	30	36	28	27	30	39	31	0	25	0	29	0	0	33

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	47	46	47	46	46	46	47	50	53	46	47	49	51	47	48	52	50	52	50	45	46	47	47	46	53
Aug 30	46	46	46	45	44	44	44	46	46	45	46	48	49	47	45	45	44	43	43	42	47	45	45	45	52
Aug 31	44	44	45	45	45	44	45	44	46	44	45	48	52	57	55	56	49	44	43	42	42	42	43	44	52
Sep 1	44	45	45	45	45	45	45	47	47	44	45	47	48	49	46	46	46	50	47	45	46	47	47	47	52
Sep 2	47	46	47	47	46	47	47	48	48	47	47	48	49	54	55	49	48	44	44	44	45	46	46	46	53
Sep 3	46	46	46	46	46	46	47	48	52	50	46	48	48	51	48	46	46	47	44	45	45	44	44	43	52
Sep 4	44	43	43	44	44	44	45	46	48	44	44	44	46	47	46	44	44	43	42	44	45	45	45	44	51
Sep 5	44	44	44	44	44	45	46	48	50	47	46	46	45	48	46	45	45	45	47	46	45	47	47	46	52
Sep 6	45	46	46	46	46	45	46	47	47	46	45	45	45	46	48	51	52	46	45	45	46	45	45	45	52
Sep 7	45	44	44	44	45	44	44	46	46	45	46	45	49	44	44	45	55	46	46	44	43	44	44	44	51
Sep 8	44	45	44	44	44	44	44	46	50	44	44	44	45	45	44	43	43	47	43	44	43	46	44	44	51
Sep 9	49	44	44	44	44	44	44	47	46	45	44	45	46	46	48	45	45	45	45	45	46	46	45	45	52
Sep 10	46	46	46	46	46	46	46	47	47	46	45	46	47	49	45	45	46	44	45	46	46	47	46	46	52
Sep 11	46	47	47	46	46	46	46	47	52	46	46	47	49	49	47	54	46	47	45	46	46	48	47	47	53
Energy Average	46	45	45	45	45	45	46	47	49	46	46	47	48	50	49	50	49	47	46	45	45	46	45	45	52

**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Moose - Moose Entrance

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	36	51	43	48	49	50	56	51	43	48	53	50	48	53	48	45	57	0	54
Aug 30	0	0	0	0	0	0	46	56	57	48	42	43	56	45	52	41	50	49	48	51	50	40	0	0	50
Aug 31	0	0	0	0	0	0	0	0	45	45	0	57	59	54	48	50	49	48	49	52	49	49	0	0	50
Sep 1	0	0	0	0	0	0	0	57	57	47	44	43	54	52	47	50	52	46	49	43	54	49	0	0	50
Sep 2	0	0	0	0	0	0	47	0	52	52	50	64	53	51	48	47	51	53	48	46	53	51	0	0	53
Sep 3	0	0	0	0	0	0	0	0	50	47	49	52	56	54	42	46	41	52	47	0	47	0	0	0	48
Sep 4	0	0	0	0	0	0	0	0	45	47	43	43	55	50	45	39	46	48	52	0	51	46	0	0	46
Sep 5	0	0	0	0	0	0	0	35	53	52	44	48	54	48	52	51	48	43	51	51	47	0	0	0	48
Sep 6	0	0	0	0	0	0	0	54	56	51	46	45	47	51	52	52	38	49	50	0	35	0	0	0	48
Sep 7	0	0	0	0	0	0	0	54	55	52	41	0	54	51	45	0	51	48	45	0	48	0	0	0	48
Sep 8	0	0	0	0	0	0	41	45	55	47	46	49	53	50	54	45	41	45	0	50	48	49	0	0	48
Sep 9	0	0	0	0	0	0	0	51	46	53	37	48	53	52	47	53	50	49	46	0	0	0	0	0	47
Sep 10	0	0	0	0	0	0	0	53	53	0	0	53	53	53	46	50	50	56	49	0	49	0	0	0	49
Sep 11	0	0	0	0	0	0	0	50	0	49	51	48	56	50	41	49	52	54	0	0	55	0	0	0	48
Energy Average	0	0	0	0	0	0	39	52	53	49	46	54	55	51	49	49	50	51	48	47	50	45	46	0	50

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	47	47	47	46	47	47	47	52	48	50	50	52	57	53	49	53	55	55	54	54	50	49	57	46	57
Aug 30	47	47	47	46	46	47	50	57	57	50	47	48	57	49	53	47	51	50	50	52	52	47	46	46	55
Aug 31	46	46	48	47	46	47	47	47	48	48	46	57	59	56	55	57	53	50	51	53	51	51	48	46	55
Sep 1	46	46	47	46	46	46	48	58	58	49	48	48	56	55	50	52	53	53	52	48	54	51	46	46	55
Sep 2	46	46	46	46	46	46	50	48	53	52	52	64	54	52	49	50	52	54	50	49	54	53	47	46	56
Sep 3	46	46	46	46	46	46	47	47	52	49	50	53	57	55	48	49	46	53	49	46	50	47	47	48	54
Sep 4	47	47	47	46	47	47	47	47	48	49	47	48	56	51	49	46	49	50	53	46	52	50	46	47	54
Sep 5	46	46	46	46	46	46	47	48	54	52	48	50	55	51	53	52	50	48	53	52	50	46	45	46	54
Sep 6	46	46	46	46	46	46	47	55	56	52	49	49	50	52	53	56	53	52	51	47	47	50	47	47	54
Sep 7	47	47	47	47	46	46	47	55	56	53	47	46	54	52	48	46	54	52	55	47	51	46	46	46	54
Sep 8	46	46	46	47	47	46	48	49	55	50	50	51	54	51	55	48	47	48	46	51	50	51	46	46	54
Sep 9	46	46	47	47	46	46	47	52	49	54	47	50	54	53	50	53	51	50	49	45	46	46	47	47	54
Sep 10	46	46	47	47	46	46	46	54	53	58	46	54	53	54	48	51	51	56	50	46	51	47	46	46	55
Sep 11	46	46	46	46	47	46	47	52	46	51	52	51	57	53	48	55	54	54	46	46	55	46	46	46	54
Energy Average	46	46	47	46	46	46	48	53	54	52	49	55	56	53	51	52	52	53	51	50	52	49	49	46	55

**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: 4 Lazy F Ranch

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	33	47	41	45	46	47	55	49	0	45	51	47	43	49	45	44	50	0	49
Aug 30	0	0	0	0	0	0	43	54	55	46	32	45	51	41	48	39	48	46	43	41	49	39	0	0	47
Aug 31	0	0	0	0	0	0	0	0	39	43	0	55	56	53	46	47	47	46	47	46	44	45	0	0	47
Sep 1	0	0	0	0	0	0	0	55	55	45	42	42	50	49	45	48	50	43	41	40	49	49	0	0	47
Sep 2	0	0	0	0	0	0	45	36	48	49	47	63	51	50	47	44	45	50	43	43	46	52	0	0	51
Sep 3	0	0	0	0	0	0	0	42	45	43	48	48	54	50	39	42	38	48	41	0	45	0	0	0	44
Sep 4	0	0	0	0	0	0	0	0	36	44	41	38	50	48	34	40	43	44	52	0	45	43	0	0	43
Sep 5	0	0	0	0	0	0	0	0	49	49	41	44	50	46	49	46	42	40	50	44	46	0	0	0	44
Sep 6	0	0	0	0	0	0	0	52	53	48	44	43	45	48	51	52	49	49	48	0	35	0	0	0	47
Sep 7	0	0	0	0	0	0	0	52	52	49	0	0	47	50	43	0	49	45	43	0	45	0	0	0	45
Sep 8	0	0	0	0	0	0	39	43	52	44	41	45	48	45	44	42	34	43	0	45	46	46	0	0	44
Sep 9	0	0	0	0	0	0	0	49	44	50	35	46	50	50	46	50	46	43	45	0	0	0	0	0	44
Sep 10	0	0	0	0	0	0	0	53	50	33	31	51	49	51	43	43	49	58	44	0	48	0	0	0	48
Sep 11	0	0	0	0	0	0	0	49	0	46	47	46	53	48	38	44	50	52	0	0	51	0	0	0	46
Energy Average	0	0	0	0	0	0	36	50	50	47	43	53	51	49	46	46	47	50	46	42	46	44	38	0	47

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	40	39	39	38	40	40	42	49	44	47	47	49	55	50	47	49	54	54	48	50	46	46	50	40	51
Aug 30	40	40	41	40	41	41	46	54	55	47	40	46	51	48	50	46	50	48	45	44	50	43	41	41	51
Aug 31	43	43	42	41	41	42	41	42	43	45	41	55	56	57	52	52	50	49	49	47	45	46	40	40	51
Sep 1	40	40	40	40	41	41	43	56	55	46	45	46	51	50	49	50	52	47	45	43	49	49	41	40	51
Sep 2	41	41	41	41	42	41	47	46	50	50	49	63	51	51	49	47	47	51	46	45	47	52	41	40	53
Sep 3	40	41	41	40	44	41	45	46	47	45	48	48	54	50	43	44	41	49	43	39	47	42	44	44	50
Sep 4	42	42	45	43	44	41	43	43	43	45	43	42	50	49	42	43	45	45	52	40	47	45	42	42	50
Sep 5	42	43	40	40	42	45	45	46	51	49	43	45	50	47	49	47	45	43	51	45	47	40	39	39	50
Sep 6	40	40	40	40	40	40	41	53	54	49	45	44	48	51	52	55	53	49	50	43	42	47	40	41	51
Sep 7	43	43	44	45	43	42	41	52	53	49	41	38	47	51	45	43	50	51	54	43	47	41	43	41	51
Sep 8	43	41	41	44	41	40	44	47	53	46	43	46	49	45	46	45	43	45	39	46	48	48	44	44	50
Sep 9	40	44	46	44	44	44	42	51	45	50	40	46	50	50	47	50	47	46	47	41	41	40	42	42	51
Sep 10	42	45	47	47	43	41	43	53	51	56	38	51	50	51	44	44	49	58	45	41	49	42	41	41	52
Sep 11	40	41	41	41	42	42	41	50	44	47	48	47	53	50	48	54	52	53	41	40	52	41	41	41	50
Energy Average	41	42	43	42	42	42	44	51	51	49	45	53	52	51	48	50	50	51	48	45	48	46	43	41	51

**Hourly Noise Level Site Report**

Jackson Hole Airport

Period: August 29, 2011 to September 11, 2011

Site: Timber Island - East of Timber Island

**Metric: Aircraft LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	0	0	0	0	0	0	0	0	0	0	40	0	38	0	0	0	0	0	0	0	0	0	0	0	28
Aug 30	0	0	0	0	0	0	0	32	36	0	0	0	0	0	0	35	0	33	0	0	0	0	0	0	26
Aug 31	0	0	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Sep 1	0	0	0	0	0	0	0	0	36	0	0	0	0	38	0	29	31	0	0	0	0	0	0	0	27
Sep 2	0	0	0	0	0	0	32	0	0	0	38	0	0	0	40	46	36	0	0	34	0	31	0	0	35
Sep 3	0	0	0	0	0	0	0	32	33	43	32	39	33	0	0	0	0	28	0	0	26	0	0	0	32
Sep 4	0	0	0	0	0	0	0	0	0	0	0	32	0	39	0	0	0	0	0	0	0	30	0	0	27
Sep 5	0	0	0	0	0	0	0	0	39	0	0	37	30	34	0	0	0	0	0	0	25	0	0	0	29
Sep 6	0	0	0	0	0	0	0	42	0	36	34	36	44	0	0	37	38	44	35	0	0	0	0	0	36
Sep 7	0	0	0	0	0	0	0	31	0	0	37	0	27	36	0	0	39	0	0	0	0	0	0	0	29
Sep 8	0	0	0	0	0	0	0	0	0	36	0	0	35	33	44	0	0	0	0	0	28	28	0	0	32
Sep 9	0	0	0	0	0	0	0	0	0	0	0	29	27	39	0	29	33	0	0	0	0	0	0	0	27
Sep 10	0	0	0	0	0	0	0	31	29	0	0	38	31	29	0	34	0	26	0	0	0	0	0	0	27
Sep 11	0	0	0	0	0	0	0	0	0	29	32	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Energy Average	0	0	0	0	0	0	20	32	31	33	31	37	34	33	35	36	33	32	26	23	20	23	0	0	31

**Metric: Total LEQ**

DATE	Hour Of The Day																							DNL	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Aug 29	24	27	28	29	28	27	29	32	37	42	50	57	59	59	64	67	67	66	57	45	35	36	36	33	59
Aug 30	35	29	31	30	30	30	33	37	39	43	38	47	57	56	56	57	56	56	52	39	34	29	34	28	51
Aug 31	29	29	33	49	39	30	32	31	39	47	52	59	65	70	65	66	59	56	42	38	49	51	30	30	60
Sep 1	28	29	29	31	32	32	31	36	39	38	52	61	59	62	54	53	55	59	47	35	34	26	26	26	53
Sep 2	28	27	29	29	28	30	35	35	36	34	43	54	57	57	59	60	59	54	52	36	32	34	29	25	53
Sep 3	27	29	29	29	34	31	38	39	40	45	40	42	47	52	49	47	43	35	32	32	32	38	26	29	44
Sep 4	30	36	40	36	37	26	28	31	40	46	41	49	52	52	50	50	49	49	44	29	33	33	25	26	47
Sep 5	27	28	27	28	28	28	29	33	41	32	36	40	44	53	56	50	56	45	53	30	33	26	25	39	48
Sep 6	37	37	27	26	28	24	30	43	37	38	40	42	49	52	45	52	52	45	38	25	32	29	26	32	45
Sep 7	34	36	37	35	32	33	31	37	40	41	44	36	39	44	53	44	50	57	52	39	34	31	34	36	47
Sep 8	30	39	30	42	28	30	29	31	38	39	37	35	43	41	46	37	46	51	47	45	34	41	47	47	48
Sep 9	42	44	48	43	42	40	38	34	35	42	38	38	41	45	45	48	45	37	46	31	37	50	45	32	50
Sep 10	42	38	42	43	39	27	28	35	36	36	38	42	43	48	47	46	45	38	29	28	34	27	33	29	46
Sep 11	24	32	28	28	27	27	28	33	37	41	41	48	59	58	61	60	54	45	46	36	44	33	34	27	52
Energy Average	35	36	39	40	35	32	33	36	38	42	46	53	57	60	58	59	58	57	50	39	40	43	39	37	53