

SETUP PARAMETERS

Number of MOAs and Ranges = 1 Number of tracks = 6
 Lower Left Corner of Grid (Lat/Long) = 34 00 00 N 080 00 00 W
 Upper Right Corner of Grid (Lat/Long) = 35 00 00 N 078 00 00 W
 Grid spacing = 1000. feet Number of events above an SEL of 45 dB
 Temperature = 59 F Humidity = 70 Flying days per month = 30

MOA SPECIFICATIONS

MOA name GAMECOCK A

Latitude Longitude
 34 45 40 N 078 41 27 W
 34 32 17 N 078 19 44 W
 34 24 01 N 078 25 39 W
 34 21 25 N 079 04 00 W
 34 31 01 N 079 03 57 W
 34 45 40 N 078 41 27 W

Floor = 7000 feet AGL Ceiling = 18000 feet AGL

TRACK SPECIFICATIONS

Track name IR-0035						
Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Notation			(feet)	(feet)	(feet AGL)	(feet AGL)
LW	33 55 01 N	078 17 58 W	30380.	30380.	300	
LW	34 27 02 N	078 14 57 W	30380.	30380.	300	
LW	34 27 01 N	078 57 57 W	30380.	30380.	300	
LW	33 57 00 N	079 19 00 W	30380.	30380.	300	
LW	33 58 01 N	080 03 00 W	30380.	18228.	300	
LW	33 36 00 N	080 33 00 W	30380.	30380.	300	
LW	33 35 60 N	081 04 00 W	30380.	30380.	300	
Track name IR-0062						
Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Notation			(feet)	(feet)	(feet AGL)	(feet AGL)
LW	35 24 02 N	076 32 57 W	24304.	24304.	4000	
LW	36 13 02 N	077 06 59 W	24304.	24304.	3000	
LW	36 29 01 N	077 40 00 W	18228.	24304.	3000	
LW	36 38 02 N	078 31 59 W	18228.	24304.	3000	
LW	36 24 01 N	079 20 00 W	24304.	24304.	3000	
LW	35 44 03 N	079 38 59 W	24304.	24304.	3000	
LW	34 53 00 N	079 42 00 W	24304.	24304.	3000	
LW	34 32 01 N	079 18 00 W	24304.	24304.	3000	
LW	34 32 01 N	078 46 58 W	24304.	24304.	3000	
LW	34 44 02 N	077 58 58 W	24304.	24304.	3000	
LW	35 20 03 N	077 27 57 W	24304.	24304.	3000	
LW	35 32 01 N	077 02 59 W	24304.	24304.	3000	
LW	35 53 02 N	076 32 59 W	24304.	24304.	3000	
Track name VR-0087						
Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Notation			(feet)	(feet)	(feet AGL)	(feet AGL)
LW	34 46 60 N	080 16 01 W	60760.	60760.	300	
LW	34 31 60 N	079 50 00 W	60760.	60760.	300	
LW	34 30 60 N	079 06 00 W	60760.	60760.	100	
LW	34 08 59 N	078 38 58 W	60760.	60760.	100	
LW	34 09 00 N	079 27 00 W	48608.	48608.	100	
LW	33 54 00 N	080 00 00 W	48608.	48608.	100	

Flag	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
LW	33 43 18 N	080 21 00 W	48608.	48608.	100	
Track name VR-1040						
Notation	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
LW	33 54 00 N	078 21 57 W	12152.	12152.	500	
LW	34 26 06 N	078 15 57 W	12152.	12152.	200	
LW	34 27 01 N	078 57 57 W	12152.	12152.	200	
LW	33 45 00 N	079 44 00 W	18228.	6076.	200	
LW	33 31 01 N	079 48 59 W	18228.	18228.	200	
LW	33 19 59 N	079 56 59 W	18228.	18228.	500	
LW	33 09 01 N	080 22 01 W	18228.	18228.	500	
LW	32 19 60 N	080 28 01 W	24304.	6076.	500	
LW	31 54 01 N	080 56 00 W	18228.	18228.	200	
LW	31 31 00 N	081 11 01 W	18228.	18228.	200	
LW	30 14 60 N	081 04 02 W	18228.	18228.	200	
LW	29 42 01 N	081 14 02 W	18228.	18228.	200	
LW	29 24 02 N	081 27 01 W	18228.	18228.	200	
LW	29 23 01 N	081 31 00 W	18228.	18228.	200	

Flag	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
Track name VR-1043						
Notation	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
LW	34 51 60 N	077 03 57 W	12152.	12152.	200	
LW	34 30 01 N	077 10 00 W	12152.	12152.	200	
LW	33 48 19 N	077 56 34 W	12152.	12152.	500	
LW	33 54 00 N	078 21 57 W	12152.	12152.	500	
LW	34 26 06 N	078 15 57 W	12152.	12152.	200	
LW	34 27 01 N	078 57 57 W	12152.	12152.	200	
LW	34 32 02 N	079 29 57 W	12152.	12152.	200	
LW	34 34 59 N	080 07 00 W	12152.	12152.	200	
LW	34 25 00 N	080 16 02 W	6076.	6076.	200	
LW	34 00 60 N	079 59 58 W	6076.	6076.	200	
LW	34 02 60 N	079 14 59 W	12152.	12152.	200	
LW	34 01 02 N	078 38 00 W	12152.	12152.	200	
LW	34 04 60 N	077 54 00 W	12152.	12152.	200	
LW	34 35 01 N	076 31 58 W	12152.	12152.	500	
LW	34 45 31 N	076 30 59 W	12152.	12152.	500	

Flag	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
Track name VR-0083						
Notation	Latitude	Longitude	Left (feet)	Right (feet)	Floor 1 (feet AGL)	Floor 2 (feet AGL)
LW	34 21 00 N	078 54 00 W	30380.	30380.	500	
LW	34 41 01 N	078 46 58 W	30380.	30380.	500	
LW	35 45 03 N	078 03 58 W	30380.	30380.	500	
LW	35 52 02 N	078 05 59 W	30380.	30380.	500	
LW	36 46 03 N	077 54 58 W	30380.	30380.	500	
LW	36 53 01 N	078 42 00 W	30380.	30380.	500	
LW	36 53 01 N	079 04 57 W	30380.	30380.	500	
LW	36 53 01 N	079 36 58 W	30380.	30380.	500	

MISSION DATA

Mission name = F-15
Aircraft code = 144 Speed = 520 kias Power = 81.0
Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
500	1000	80
1000	2000	20

Mission name = F-16
Aircraft code = 164 Speed = 500 kias Power = 95.4

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
500	1000	70
1000	2000	30

Mission name = T-39
Aircraft code = 284 Speed = 250 kias Power = 89.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
500	1000	50
1000	2000	50

Mission name = C-17
Aircraft code = 66 Speed = 230 kias Power = 86.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
100	500	10
500	1000	65
1000	2000	25

Mission name = F-18
Aircraft code = 172 Speed = 500 kias Power = 92.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
500	1000	70
1000	2000	30

Mission name = AV8
Aircraft code = 15 Speed = 300 kias Power = 95.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
100	500	50
500	1000	50

Mission name = V-22
Aircraft code = 344 Speed = 150 kias Power = 90.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
100	500	10
500	1000	65
1000	2000	25

Mission name = A-10MOA
Aircraft code = 19 Speed = 350 kias Power = 6700.0

Altitude Distribution		
Lower Alt	Upper Alt	Percent
(feet AGL)	(feet AGL)	Utilization
7000	15000	75
15000	18000	25

Mission name = AV8MOA
 Aircraft code = 15 Speed = 300 kias Power = 95.0
 Altitude Distribution
 Lower Alt Upper Alt Percent
 (feet AGL) (feet AGL) Utilization
 7000 18000 100

Mission name = F-15MOA
 Aircraft code = 144 Speed = 520 kias Power = 81.0
 Altitude Distribution
 Lower Alt Upper Alt Percent
 (feet AGL) (feet AGL) Utilization
 7000 18000 100

Mission name = F-16MOA
 Aircraft code = 164 Speed = 500 kias Power = 95.4
 Altitude Distribution
 Lower Alt Upper Alt Percent
 (feet AGL) (feet AGL) Utilization
 7000 18000 100

MOA OPERATION DATA

MOA name = GAMECOCK A

Mission Name	Daily		Monthly		Yearly		T:
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS	
A-10MOA	22.661	1.511	679.83	45.33	8158.	544.	
AV8MOA	.586	.000	17.58	.00	211.	0.	
F-15MOA	2.456	.000	73.67	.00	884.	0.	
F-16MOA	.358	.000	10.75	.00	129.	0.	

TRACK OPERATION DATA

Track name = IR-0035

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.000	.278	.00	8.33	0.	100.
F-16	.000	.278	.00	8.33	0.	100.
T-39	.000	.278	.00	8.33	0.	100.
C-17	1.308	.278	39.25	8.33	471.	100.
F-18	.000	.278	.00	8.33	0.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.006	.278	.17	8.33	2.	100.

Track name = IR-0062

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.000	.278	.00	8.33	0.	100.
F-16	.000	.278	.00	8.33	0.	100.

T-39	.000	.278	.00	8.33	0.	100.
C-17	.000	.278	.00	8.33	0.	100.
F-18	.014	.278	.42	8.33	5.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-0087

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.658	.278	19.75	8.33	237.	100.
F-16	.233	.278	7.00	8.33	84.	100.
T-39	.047	.278	1.42	8.33	17.	100.
C-17	.006	.278	.17	8.33	2.	100.
F-18	.011	.278	.33	8.33	4.	100.
AV8	.022	.278	.67	8.33	8.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-1040

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.319	.278	9.58	8.33	115.	100.
F-16	.114	.278	3.42	8.33	41.	100.
T-39	.022	.278	.67	8.33	8.	100.
C-17	.003	.278	.08	8.33	1.	100.
F-18	.006	.278	.17	8.33	2.	100.
AV8	.011	.278	.33	8.33	4.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-1043

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.533	.278	16.00	8.33	192.	100.
F-16	.189	.278	5.67	8.33	68.	100.
T-39	.039	.278	1.17	8.33	14.	100.
C-17	.006	.278	.17	8.33	2.	100.
F-18	.008	.278	.25	8.33	3.	100.
AV8	.017	.278	.50	8.33	6.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-0083

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	1.933	.278	58.00	8.33	696.	100.
F-16	.000	.278	.00	8.33	0.	100.
T-39	.000	.278	.00	8.33	0.	100.
C-17	.000	.278	.00	8.33	0.	100.
F-18	.000	.278	.00	8.33	0.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.000	.278	.00	8.33	0.	100.

***** MOA RANGE NOISEMAP *****
RESULTS

The noise metric is Ldnmr.

MOA Name	MOA RESULTS		Uniform Distributed Sound Level (dB)	Number of Events Above SEL of 45 dB
	MOA Area (sq statute miles)	Intersecting Avoidance Area		
GAMECOCK A	734.8	.0	38.0	14.8

TRACK RESULTS

Track Name = IR-0035

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	59.0	2.0
02 - 03	59.0	2.0
03 - 04	59.0	2.0
04 - 05	59.0	2.0
05 - 06	60.0	2.2
06 - 07	59.0	2.0

Track Name = IR-0062

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	47.6	2.0
02 - 03	50.2	2.0
03 - 04	50.7	2.0
04 - 05	50.7	2.0
05 - 06	50.2	2.0
06 - 07	50.2	2.0
07 - 08	50.2	2.0
08 - 09	50.2	2.0
09 - 10	50.2	2.0
10 - 11	50.2	2.0
11 - 12	50.2	2.0
12 - 13	50.2	2.0

Track Name = VR-0087

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	56.4	1.6
02 - 03	56.4	1.6
03 - 04	57.8	1.6
04 - 05	57.8	1.6
05 - 06	58.7	1.8
06 - 07	58.7	1.8

Track Name = VR-1040

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	61.1	2.1
02 - 03	61.8	2.0

03 - 04	61.8	2.0
04 - 05	61.8	2.0
05 - 06	61.8	2.0
06 - 07	61.0	2.1
07 - 08	61.0	2.1
08 - 09	61.1	2.1
09 - 10	61.8	2.0
10 - 11	61.8	2.0
11 - 12	61.8	2.0
12 - 13	61.8	2.0
13 - 14	61.8	2.0

Track Name = VR-1043

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	62.0	2.3
02 - 03	62.0	2.3
03 - 04	61.2	2.3
04 - 05	61.2	2.3
05 - 06	62.0	2.3
06 - 07	62.0	2.3
07 - 08	62.0	2.3
08 - 09	62.0	2.3
09 - 10	62.0	2.3
10 - 11	62.0	2.3
11 - 12	62.0	2.3
12 - 13	62.0	2.3
13 - 14	62.0	2.3
14 - 15	61.2	2.3

Track Name = VR-0083

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	59.6	3.2
02 - 03	59.6	3.2
03 - 04	59.6	3.2
04 - 05	59.6	3.2
05 - 06	59.6	3.2
06 - 07	59.6	3.2
07 - 08	59.6	3.2

<Run Log>

Date: 11/13/2005
 Start Time: 14: 6:31
 Stop Time: 14: 7: 9
 Total Running Time: 0 minutes and 39 seconds.

WARTAPRO
 ***** MOA RANGE NOI SEMAP *****
 Versi on 2. 2
 Release Date 15 August 1999

SETUP PARAMETERS

Number of MOAs and Ranges = 3 Number of tracks = 6
 Lower Left Corner of Grid (Lat/Long) = 34 00 00 N 080 00 00 W
 Upper Right Corner of Grid (Lat/Long) = 35 00 00 N 078 00 00 W
 Grid spacing = 4921. feet Number of events above an SEL of 45 dB
 Temperature = 59 F Humi di ty = 70 Flyi ng days per month = 30

MOA SPECI FI CATI ONS

MOA name WARTHOG B

Latitude	Longitude		
34 45 43 N	078 41 27 W		
34 32 17 N	078 19 44 W		
34 24 01 N	078 25 39 W		
34 22 46 N	078 43 17 W		
34 42 59 N	078 45 31 W		
34 45 43 N	078 41 27 W		
Floor =	3000 feet AGL	Ceiling =	7000 feet AGL

MOA name WARTHOG C

Latitude	Longitude		
34 21 25 N	079 03 56 W		
34 31 01 N	079 03 57 W		
34 42 59 N	078 45 31 W		
34 22 46 N	078 43 17 W		
34 21 25 N	079 03 56 W		
Floor =	3000 feet AGL	Ceiling =	7000 feet AGL

MOA name WARTHOG A

Latitude	Longitude		
34 45 43 N	078 41 27 W		
34 32 17 N	078 19 44 W		
34 24 01 N	078 25 39 W		
34 21 25 N	079 03 56 W		
34 31 01 N	079 03 57 W		
34 45 43 N	078 41 27 W		
Floor =	7000 feet AGL	Ceiling =	18000 feet AGL

TRACK SPECI FI CATI ONS

Track name IR-0035		Latitude	Longitude	Left	Right	Floor 1	Floor 2
Flag	Radius	Angle		(feet)	(feet)	(feet AGL)	(feet
Notation	(feet)	(degrees)		(feet)	(feet)	(feet AGL)	(feet
AGL)	LW	33 55 01 N	078 17 58 W	30380.	30380.	300	
	LW	34 27 02 N	078 14 57 W	30380.	30380.	300	
	LW	34 27 01 N	078 57 57 W	30380.	30380.	300	
	LW	33 57 00 N	079 19 00 W	30380.	30380.	300	
	LW	33 58 02 N	080 03 04 W	30380.	18228.	300	
	LW	33 36 00 N	080 33 03 W	30380.	30380.	300	
	LW	33 35 60 N	081 04 03 W	30380.	30380.	300	
Track name IR-0062		Latitude	Longitude	Left	Right	Floor 1	Floor 2
Flag	Radius	Angle		(feet)	(feet)	(feet AGL)	(feet
Notation	(feet)	(degrees)		(feet)	(feet)	(feet AGL)	(feet
AGL)	LW	35 24 02 N	076 32 57 W	24304.	24304.	4000	

WARTAPRO

LW	36 13 02 N	077 06 59 W	24304.	24304.	3000
LW	36 29 01 N	077 40 00 W	18228.	24304.	3000
LW	36 38 02 N	078 31 59 W	18228.	24304.	3000
LW	36 24 01 N	079 20 00 W	24304.	24304.	3000
LW	35 44 03 N	079 38 59 W	24304.	24304.	3000
LW	34 53 00 N	079 42 00 W	24304.	24304.	3000
LW	34 32 01 N	079 18 00 W	24304.	24304.	3000
LW	34 32 01 N	078 46 58 W	24304.	24304.	3000
LW	34 44 02 N	077 58 58 W	24304.	24304.	3000
LW	35 20 03 N	077 27 57 W	24304.	24304.	3000
LW	35 32 01 N	077 02 59 W	24304.	24304.	3000
LW	35 53 02 N	076 32 59 W	24304.	24304.	3000

Track name VR-0087

Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Radius	Angle		(feet)	(feet)	(feet AGL)	(feet
Notation	(feet)	(degrees)				
LW	34 46 60 N	080 16 05 W	60760.	60760.	300	
LW	34 31 60 N	079 50 00 W	60760.	60760.	300	
LW	34 30 60 N	079 06 00 W	60760.	60760.	100	
LW	34 08 59 N	078 38 58 W	60760.	60760.	100	
LW	34 09 00 N	079 27 00 W	48608.	48608.	100	
LW	33 54 00 N	080 00 00 W	48608.	48608.	100	
LW	33 43 18 N	080 21 03 W	48608.	48608.	100	

Track name VR-1040

Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Radius	Angle		(feet)	(feet)	(feet AGL)	(feet
Notation	(feet)	(degrees)				
LW	33 54 00 N	078 21 57 W	12152.	12152.	500	
LW	34 26 06 N	078 15 57 W	12152.	12152.	200	
LW	34 27 01 N	078 57 57 W	12152.	12152.	200	
LW	33 45 00 N	079 44 00 W	18228.	6076.	200	
LW	33 31 01 N	079 48 59 W	18228.	18228.	200	
LW	33 19 59 N	079 56 59 W	18228.	18228.	500	
LW	33 09 01 N	080 22 05 W	18228.	18228.	500	
LW	32 19 60 N	080 28 05 W	24304.	6076.	500	
LW	31 54 01 N	080 56 04 W	18228.	18228.	200	
LW	31 31 00 N	081 11 05 W	18228.	18228.	200	
LW	30 14 60 N	081 04 05 W	18228.	18228.	200	
LW	29 42 01 N	081 14 05 W	18228.	18228.	200	
LW	29 24 02 N	081 27 04 W	18228.	18228.	200	
LW	29 23 01 N	081 31 04 W	18228.	18228.	200	

Track name VR-1043

Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2
Radius	Angle		(feet)	(feet)	(feet AGL)	(feet
Notation	(feet)	(degrees)				
LW	34 51 60 N	077 03 57 W	12152.	12152.	200	
LW	34 30 01 N	077 10 00 W	12152.	12152.	200	
LW	33 48 19 N	077 56 34 W	12152.	12152.	500	
LW	33 54 00 N	078 21 57 W	12152.	12152.	500	
LW	34 26 06 N	078 15 57 W	12152.	12152.	200	
LW	34 27 01 N	078 57 57 W	12152.	12152.	200	
LW	34 32 02 N	079 29 57 W	12152.	12152.	200	
LW	34 34 59 N	080 07 04 W	12152.	12152.	200	
LW	34 25 00 N	080 16 05 W	6076.	6076.	200	
LW	34 00 60 N	079 59 58 W	6076.	6076.	200	
LW	34 02 60 N	079 14 59 W	12152.	12152.	200	
LW	34 01 02 N	078 38 00 W	12152.	12152.	200	
LW	34 04 60 N	077 54 00 W	12152.	12152.	200	
LW	34 35 01 N	076 31 58 W	12152.	12152.	500	
LW	34 45 31 N	076 30 59 W	12152.	12152.	500	

WARTAPRO

Track name	VR-0083						
Flag	Latitude	Longitude	Left	Right	Floor 1	Floor 2	
Radius	Angle						
Notation	(feet)	(degrees)	(feet)	(feet)	(feet AGL)	(feet)	
LW	34 21 00 N	078 54 00 W	30380.	30380.	500		
LW	34 41 01 N	078 46 58 W	30380.	30380.	500		
LW	35 45 03 N	078 03 58 W	30380.	30380.	500		
LW	35 52 02 N	078 05 59 W	30380.	30380.	500		
LW	36 46 03 N	077 54 58 W	30380.	30380.	500		
LW	36 53 01 N	078 42 00 W	30380.	30380.	500		
LW	36 53 01 N	079 04 57 W	30380.	30380.	500		
LW	36 53 01 N	079 36 58 W	30380.	30380.	500		

MISSION DATA

Mission name = F-15
 Aircraft code = 144 Speed = 520 kias Power = 81.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
500	1000	80
1000	2000	20

Mission name = F-16
 Aircraft code = 164 Speed = 500 kias Power = 95.4
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
500	1000	70
1000	2000	30

Mission name = T-39
 Aircraft code = 284 Speed = 250 kias Power = 89.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
500	1000	50
1000	2000	50

Mission name = C-17
 Aircraft code = 66 Speed = 230 kias Power = 86.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
100	500	10
500	1000	65
1000	2000	25

Mission name = F-18
 Aircraft code = 172 Speed = 500 kias Power = 92.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
500	1000	70
1000	2000	30

Mission name = AV8

WARTAPRO
 Aircraft code = 15 Speed = 300 kias Power = 95.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
100	500	50
500	1000	50

Mission name = V-22
 Aircraft code = 344 Speed = 150 kias Power = 90.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
100	500	10
500	1000	65
1000	2000	25

Mission name = A10_MOA_LB
 Aircraft code = 19 Speed = 350 kias Power = 6700.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
3000	4500	14
4500	7000	86

Mission name = A10_MOA_LC
 Aircraft code = 19 Speed = 350 kias Power = 6700.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
3000	4500	14
4500	7000	86

Mission name = A10_MOA_HI
 Aircraft code = 19 Speed = 350 kias Power = 6700.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
7000	18000	100

Mission name = AV8_MOA_LB
 Aircraft code = 15 Speed = 300 kias Power = 95.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Mission name = AV8_MOA_LC
 Aircraft code = 15 Speed = 300 kias Power = 95.0
 Altitude Distribution

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Mission name = AV8_MOA_HI
 Aircraft code = 15 Speed = 300 kias Power = 95.0
 Altitude Distribution

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Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
7000	18000	100

Missi on name = F15_MOA_LB
 Aircraft code = 144 Speed = 520 ki as Power = 81.0
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Missi on name = F15_MOA_LC
 Aircraft code = 144 Speed = 520 ki as Power = 81.0
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Missi on name = F15_MOA_HI
 Aircraft code = 144 Speed = 520 ki as Power = 81.0
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
7000	18000	100

Missi on name = F16_MOA_LB
 Aircraft code = 164 Speed = 500 ki as Power = 95.4
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Missi on name = F16_MOA_LC
 Aircraft code = 164 Speed = 500 ki as Power = 95.4
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
5000	7000	100

Missi on name = F16_MOA_HI
 Aircraft code = 164 Speed = 500 ki as Power = 95.4
 Altitude Di stri buti on

Lower Alt (feet AGL)	Upper Alt (feet AGL)	Percent Utilization
7000	18000	100

MOA OPERATI ON DATA

MOA name = WARTHOG B	Dai l y		Monthl y		Yearl y	
Missi on Time On Range Name (mi nutes)	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS
A10_MOA_LB	4.544	.289	136.33	8.67	1636.	104.

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30	AV8_MOA_LB	.072	.000	2.17	.00	26.	0.
30	F15_MOA_LB	.042	.000	1.25	.00	15.	0.
30	F16_MOA_LB	.294	.000	8.83	.00	106.	0.

MOA name = WARTHOG C

Time	Mission Name	Daily		Monthly		Yearly	
		Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
(minutes)	A10_MOA_LC	1.136	.072	34.08	2.17	409.	26.
	AV8_MOA_LC	.017	.000	.50	.00	6.	0.
	F15_MOA_LC	.075	.000	2.25	.00	27.	0.
	F16_MOA_LC	.011	.000	.33	.00	4.	0.

MOA name = WARTHOG A

Time	Mission Name	Daily		Monthly		Yearly	
		Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
(minutes)	A10_MOA_HI	16.997	1.133	509.92	34.00	6119.	408.
	AV8_MOA_HI	.497	.000	14.92	.00	179.	0.
	F15_MOA_HI	2.086	.000	62.58	.00	751.	0.
	F16_MOA_HI	.306	.000	9.17	.00	110.	0.

TRACK OPERATION DATA

Track name = IR-0035

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.000	.278	.00	8.33	0.	100.
F-16	.000	.278	.00	8.33	0.	100.
T-39	.000	.278	.00	8.33	0.	100.
C-17	1.308	.278	39.25	8.33	471.	100.
F-18	.000	.278	.00	8.33	0.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.006	.278	.17	8.33	2.	100.

Track name = IR-0062

Mission Name	Daily		Monthly		Yearly	
	Day OPS	Night OPS	Day OPS	Night OPS	Day OPS	Night OPS
F-15	.000	.278	.00	8.33	0.	100.
F-16	.000	.278	.00	8.33	0.	100.

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T-39	.000	.278	.00	8.33	0.	100.
C-17	.000	.278	.00	8.33	0.	100.
F-18	.014	.278	.42	8.33	5.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-0087

Mi ssi on Name	Dai l y		Monthl y		Yearl y	
	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS
F-15	.658	.278	19.75	8.33	237.	100.
F-16	.233	.278	7.00	8.33	84.	100.
T-39	.047	.278	1.42	8.33	17.	100.
C-17	.006	.278	.17	8.33	2.	100.
F-18	.011	.278	.33	8.33	4.	100.
AV8	.022	.278	.67	8.33	8.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-1040

Mi ssi on Name	Dai l y		Monthl y		Yearl y	
	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS
F-15	.319	.278	9.58	8.33	115.	100.
F-16	.114	.278	3.42	8.33	41.	100.
T-39	.022	.278	.67	8.33	8.	100.
C-17	.003	.278	.08	8.33	1.	100.
F-18	.006	.278	.17	8.33	2.	100.
AV8	.011	.278	.33	8.33	4.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-1043

Mi ssi on Name	Dai l y		Monthl y		Yearl y	
	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS
F-15	.533	.278	16.00	8.33	192.	100.
F-16	.189	.278	5.67	8.33	68.	100.
T-39	.039	.278	1.17	8.33	14.	100.
C-17	.006	.278	.17	8.33	2.	100.
F-18	.008	.278	.25	8.33	3.	100.
AV8	.017	.278	.50	8.33	6.	100.
V-22	.000	.278	.00	8.33	0.	100.

Track name = VR-0083

Mi ssi on Name	Dai l y		Monthl y		Yearl y	
	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS	Day OPS	Ni ght OPS
F-15	1.933	.278	58.00	8.33	696.	100.
F-16	.000	.278	.00	8.33	0.	100.
T-39	.000	.278	.00	8.33	0.	100.
C-17	.000	.278	.00	8.33	0.	100.
F-18	.000	.278	.00	8.33	0.	100.
AV8	.000	.278	.00	8.33	0.	100.
V-22	.000	.278	.00	8.33	0.	100.

 * Warning: Grid points spaced greater than 1000 feet *
 * apart may not provide the necessary grid resolution, *

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*   in some cases, to compute noise contours with      *
*   high accuracy.  For low-altitude track operations, *
*   the recommended grid spacing is less than 1000 feet. *
*
*   Computing a high resolution grid may require      *
*   breaking the airspace into sections,              *
*   to avoid exceeding MR_NMAP program limits.       *
*****

```

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*** WARNING FROM SUBROUTINE MOAMAP ***
Time in the MOA = 0 minutes
Mission Speed = 500 kts
Both of these must be greater than zero.
Check input file.
*** WARNING FROM SUBROUTINE MOAMAP ***
Time in the MOA = 0 minutes
Mission Speed = 520 kts
Both of these must be greater than zero.
Check input file.

```

***** MOA RANGE NOI SEMAP *****
RESULTS

The noise metric is Ldnmr.

MOA Name	MOA RESULTS		Uniform Distributed Sound Level (dB)	Number of Events Above SEL of 45 dB
	MOA Area (sq statute miles)	Intersecting Avoidance Area		
WARTHOG B	409.9	.0	38.7	4.7
WARTHOG C	326.6	.0	33.5	1.5
WARTHOG A	735.8	.0	36.9	11.1

TRACK RESULTS

Track Name = IR-0035

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	59.0	2.0
02 - 03	59.0	2.0
03 - 04	59.0	2.0
04 - 05	59.0	2.0
05 - 06	60.0	2.2
06 - 07	59.0	2.0

Track Name = IR-0062

Track Segment	Maximum Centerline Level (dB)	Number of Events Above SEL of 45 dB
01 - 02	47.6	2.0
02 - 03	50.2	2.0
03 - 04	50.7	2.0
04 - 05	50.7	2.0
05 - 06	50.2	2.0
06 - 07	50.2	2.0
07 - 08	50.2	2.0

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08 - 09	50.2	2.0
09 - 10	50.2	2.0
10 - 11	50.2	2.0
11 - 12	50.2	2.0
12 - 13	50.2	2.0
Track Name = VR-0087		
	Maximum	Number of
Track Segment	Centerline Level (dB)	Events Above SEL of 45 dB
01 - 02	56.4	1.6
02 - 03	56.4	1.6
03 - 04	57.8	1.6
04 - 05	57.8	1.6
05 - 06	58.7	1.8
06 - 07	58.7	1.8
Track Name = VR-1040		
	Maximum	Number of
Track Segment	Centerline Level (dB)	Events Above SEL of 45 dB
01 - 02	61.1	2.1
02 - 03	61.8	2.0
03 - 04	61.8	2.0
04 - 05	61.8	2.0
05 - 06	61.8	2.0
06 - 07	61.0	2.1
07 - 08	61.0	2.1
08 - 09	61.1	2.1
09 - 10	61.8	2.0
10 - 11	61.8	2.0
11 - 12	61.8	2.0
12 - 13	61.8	2.0
13 - 14	61.8	2.0
Track Name = VR-1043		
	Maximum	Number of
Track Segment	Centerline Level (dB)	Events Above SEL of 45 dB
01 - 02	62.0	2.3
02 - 03	62.0	2.3
03 - 04	61.2	2.3
04 - 05	61.2	2.3
05 - 06	62.0	2.3
06 - 07	62.0	2.3
07 - 08	62.0	2.3
08 - 09	62.0	2.3
09 - 10	62.0	2.3
10 - 11	62.0	2.3
11 - 12	62.0	2.3
12 - 13	62.0	2.3
13 - 14	62.0	2.3
14 - 15	61.2	2.3
Track Name = VR-0083		
	Maximum	Number of
Track Segment	Centerline Level (dB)	Events Above SEL of 45 dB
01 - 02	59.6	3.2
02 - 03	59.6	3.2
03 - 04	59.6	3.2
04 - 05	59.6	3.2
05 - 06	59.6	3.2
06 - 07	59.6	3.2
07 - 08	59.6	3.2

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<Run Log>

Date: 5/16/2006
Start Time: 13:58:13
Stop Time: 13:58:24
Total Running Time: 0 minutes and 11 seconds.