



Nantucket Memorial Airport
- noise abatement compliance report -



- monthly summary -
- december 2008 -

This summary of VFR compliance for the month of December 2008 contains six sections:

1. Monthly Combined Percentage of Compliance
2. Daily Summary by Operator
3. Daily Meteorological Conditions including Active Runways
4. Operator Comparison Report
5. Operator/Air Taxi Comparison Bar Charts
6. Monthly Summary

Compliance was measured on days when VFR procedures were in effect and noise abatement routes were in use.

1. MONTHLY COMBINED PERCENTAGE OF COMPLIANCE

	NOV-08	DEC-08	% CHANGE
Northern and Eastern Routes	78.68%	85.75%	7.07%
Southern and Western Routes	63.41%	67.41%	4.00%
Combined Routes	71.07%	77.20%	6.13%

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- daily summary -
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2. DAILY SUMMARY BY OPERATOR

Location			Northern and Eastern Routes									Southern and Western Routes								
Airline			AMA Marine Lumber	Cape Air ACK Air	Colgan Air	Island Airlines	Shuttle	GA Single	GA Other	Unknown	Daily Total	AMA Marine Lumber	Cape Air ACK Air	Colgan Air	Island Airlines	Shuttle	GA Single	GA Other	Unknown	Daily Total
Date	Times	Weather	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Comply
12/01/08	10-11 AM	VFR	0	0	0	0	0	0	0	9	0	2	0	2	1	0	0	0	0	5
12/02/08	6-7, 13-14	VFR	0	0	0	0	0	0	0	18	0	1	0	0	2	0	0	0	0	12
12/03/08	7-8, 16-17	VFR	0	2	0	0	0	0	1	28	0	1	0	1	4	0	1	0	0	20
12/04/08	7:30-8:30, 15-16	VFR	0	0	0	0	1	0	1	21	0	0	0	3	5	0	1	0	0	15
12/05/08	6-7, 9-10	VFR	0	0	0	3	3	0	1	10	0	0	0	0	2	0	0	0	0	19
12/06/08	7-8, 13-14	VFR	0	1	0	0	2	2	0	7	0	1	0	2	3	10	0	0	0	5
12/07/08	6:30-7:30, 9-10	VFR	0	1	0	1	0	0	0	9	0	0	0	0	1	0	0	0	0	13
12/08/08	7-8, 18-19	VFR	0	0	0	0	2	0	1	18	0	1	0	0	2	0	1	0	0	6
12/09/08	6-7, 14-15	VFR	0	0	0	0	2	0	1	17	0	3	0	2	4	0	0	0	0	9
12/10/08	7:30-8:30, 10-11	VFR	0	0	0	0	0	0	0	18	0	3	0	3	2	0	0	0	0	5
12/11/08	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/08	19-20	VFR	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0
12/13/08	6-7, 19-20	VFR	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
12/14/08	7-8, 16-17	VFR	0	0	0	1	0	1	1	6	0	0	0	1	2	0	0	0	0	5
12/15/08	6:30-7:30, 11-12	VFR	0	0	0	0	0	0	0	20	0	3	0	4	2	0	0	0	0	14
12/16/08	6-7, 14-15	VFR	0	0	0	1	0	0	0	11	0	0	0	0	2	0	0	0	0	19
12/17/08	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/08	7:30-8:30, 17-18	VFR	0	1	0	1	2	1	0	12	0	1	0	1	4	0	1	0	0	10
12/19/08	7-8, 10-11	VFR	0	0	0	2	0	0	0	8	0	0	0	0	0	0	0	0	0	12
12/20/08	7-8, 18-19	VFR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4
12/21/08	6-7	VFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12/22/08	7:30-8:30, 19-20	VFR	0	0	0	1	0	0	0	12	0	0	0	0	0	0	0	0	0	3
12/23/08	6-7, 12-13	VFR	0	1	0	0	1	0	0	15	0	0	0	1	1	0	0	0	0	4
12/24/08	7-8, 20-21	VFR	0	2	0	0	0	0	0	9	0	2	0	1	2	0	0	0	0	6
12/25/08	7-8, 13-14	VFR	0	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0
12/26/08	6-7, 14-15	VFR	0	2	0	2	3	0	0	3	0	0	0	0	1	0	1	0	0	6
12/27/08	7:30-8:30, 11-12	VFR	0	0	0	2	0	0	0	6	0	1	0	1	2	0	0	0	0	4
12/28/08	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/08	6-7, 12-13	VFR	0	0	0	0	0	0	0	10	0	0	0	0	1	1	0	0	0	3
12/30/08	7:30-8:30, 16-17	VFR	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	1
12/31/08	6-7	VFR	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	8
Monthly Total by Airline			0	11	0	14	17	4	5	0	307	0	20	0	21	44	11	6	0	211
Percent of Total Inside by Airline*			0.0%	21.6%	0.0%	27.5%	33.3%	7.8%	9.8%	0.0%	100.0%	0.0%	19.6%	0.0%	20.6%	43.1%	10.8%	5.9%	0.0%	100.0%
Monthly Total Combined			Bad	51	Good	307		Total	358			Bad	102	Good	211		Total	313		
Percent Compliance Combined						85.75%								67.41%						

* This figure represents the percent composition of the total monthly aircraft non-compliant flights and NOT each airlines percent of compliance.

3. DAILY METEOROLOGICAL CONDITIONS INCLUDING ACTIVE RUNWAYS

Date	Weather	Weather as reported on the ATIS	in Use	
			Land	Depart
12/1/08	VFR	210/13 6 MIST CLEAR 11/11, ILS 24	24	24
12/2/08	VFR	0600 - 280/14G19 10 FEW 3700 8/2, VISUAL LAND/DEPART 24; 1300 - 280/19G24 10 CLEAR 9/1, LAND/DEPART 24	24	24
12/3/08	VFR	0700 - CALM 10 CLEAR 1/-1, LAND 33, DEPT 24; 1600 - 270/13 10 CLEAR 6/-1, LAND/DEPART 24	33/24	24
12/4/08	VFR	0730 - 250/14 10 CLEAR 8/4, LAND/DEPART 24; 1500 - 260/15 6 HAZE CLEAR 11/6, LAND/DEPART 24	24	24
12/5/08	VFR	360/9 10 OVC 2700 4/-1, LAND/DEPART 6; 360/13 10 BKN 4300 4/-4, LAND/DEPART 6	6	6
12/6/08	VFR	0700 - 030/4 10 CLEAR 2/-5, LAND 6, DEPART 15; 1300 - VBL 3 10 CLEAR 6/-3, LAND 24/30, DEPART 24	6/24/30	15/24
12/7/08	VFR	VBL 5 8 -RN BKN 2800 OVC 3500 5/3, LND 6, DEP 15; 0900-310/5 5 -RN FEW 1600 SCT 2400 OVC 3100 6/4, ILS 2	6/24	15/24
12/8/08	VFR	0700 - 320/16G21 10 CLEAR -6/-17, LAND/DEPART 33; 1800 - 310/9 10 CLEAR -4/-17, LND/DEP 24	33/24	33/24
12/9/08	VFR	0600 - 190/12 10 BKN 7000 O/-7, LAND/DEPT 24; 1400 - 210/12 10 FEW 3900 OVC 5500 9/5, LAND/DEPART 24	24	24
12/10/08	VFR	0730 - 210/19 6 MIST CLEAR 12/11, LAND/DEPART 24; 1000 - 210/17 6 MIST OVC 9500, LAND/DEPART 24	24	24
12/11/08	IFR	080/13G20 4 -RAIN MIST BKN 700 OVC 1000 7/6, ILS 6	6	6
12/12/08	VFR	1900 - 330/22 10 CLEAR 4/0, VISUAL LAND/DEPART 33	33	33
12/13/08	VFR	0600 - 350/13G17 10 CLEAR 1/-8, LAND/DEPART 33; 1900 - 340/10 10 OVC 3900 -1/-9, LAND/DEPART 33	33	33
12/14/08	VFR	0700 - VBL 4 10 CLEAR -5/-9, LAND 33, DEPART 24; 1600 - 210/9 10 SCT 3600 7/4, LAND/DEPART 24	33/24	24
12/15/08	VFR	0630 - 20/13 8 BKN 6500 OVC 8500 9/8, LAND/DEPART 24; 1100 - 210/16 7 BKN 9000 11/9, LAND/DEPART 24	24	24
12/16/08	VFR	0600 - 020/13 10 OVC 2300 8/7, LAND/DEPART 6; 1400 - 030/9 10 FEW 1200 BKN 8000 4/2, ILS 6	6	6
12/17/08	IFR	0700 - 140/16G23 4 -RAIN MIST OVC 1200 6/5, ILS 6 CIRCLE 15	15	15
12/18/08	VFR	0730 - 350/11G16 10 BKN 3300 3/-2, VISUAL 33; 1700 - 300/6 10 CLEAR 1/-4, VISUAL 24	33/24	33/24
12/19/08	VFR	0700 - 040/5 10 OVC 4000 2/-3, VISUAL 6; 1000 - 060/11 10 OVC 4800 3/-3, VISUAL 6	6	6
12/20/08	VFR	0700 - 070/13G20 3 -SN FEW 1100 BKN 2300 1/-1, ILS 6; 1800 - 070/14 6 -SN FEW 2100 OVC 3800 2/-1, ILS 6	6	6
12/21/08	VFR	0600 - 090/15G23 10 BKN 2500 OVC 3500 2/-3, VIS 6; IFR REMAINDER	6	6
12/22/08	VFR	0730 - 300/22G30 10 CLR -6/-14, VIS 33; 1900 - 310/22G30 10 CLR 4/-13, VIS 33	33	33
12/23/08	VFR	0600 - 300/10 10 CLR -6/-13, LAND 33, DEPART 2; 1200 - 360/11 10 CLR -3/-14, VIS 33	33	24/33
12/24/08	VFR	0700 - 260/9 9 SCT 2700 BKN 2600 7/4, VIS 33, DEPT 24; 2000 - 210/19G27 6 MIST OVC 7500 9/8, ILS24	33/24	24
12/25/08	VFR	0700 - 310/17G21 10 CLR 8/4, VIS 33; 330/20G29 10 CLR 8/-3, VIS 33	33	33
12/26/08	VFR	0600 - 020/10 10 CLEAR 0/-5, VIS 6; 1400 - 150/9 10 FEW 3300 4/-4, VIS 15	6/15	6/15
12/27/08	VFR	0730 - 190/8 8 FEW 2100 BKN 3000 OVC 4900 6/6, VIS 24; 1100 - 200/9 78 OVC 4000 8/7, ILS 24	24	24
12/28/08	IFR	0700 - 240/15 -1/4 FOG IND 100 9/9, ILS 24	24	24
12/29/08	VFR	0600 - 310/10 10 CLEAR 3/-3, VIS 33, DEPART 24; 1200 - 300/16G19 10 XCLR 6/-2, VIS 33	33	24/33
12/30/08	VFR	0730 - 310/15G20 10 FEW 6500 OVC 9000 5/-3, LAND/DEPART 33; 1500 - 330/15G20 10 CLEAR 4/-12, VISUAL 33	33	33
12/31/08	VFR	0600 - 080/6 10 BKN 12000 1/-8, VIS 6; LATER CLOSED	6	6

IFR 6-8:30 AM; VFR 10:00 AM

IFR ALL DAY
IFR UNTIL 1800

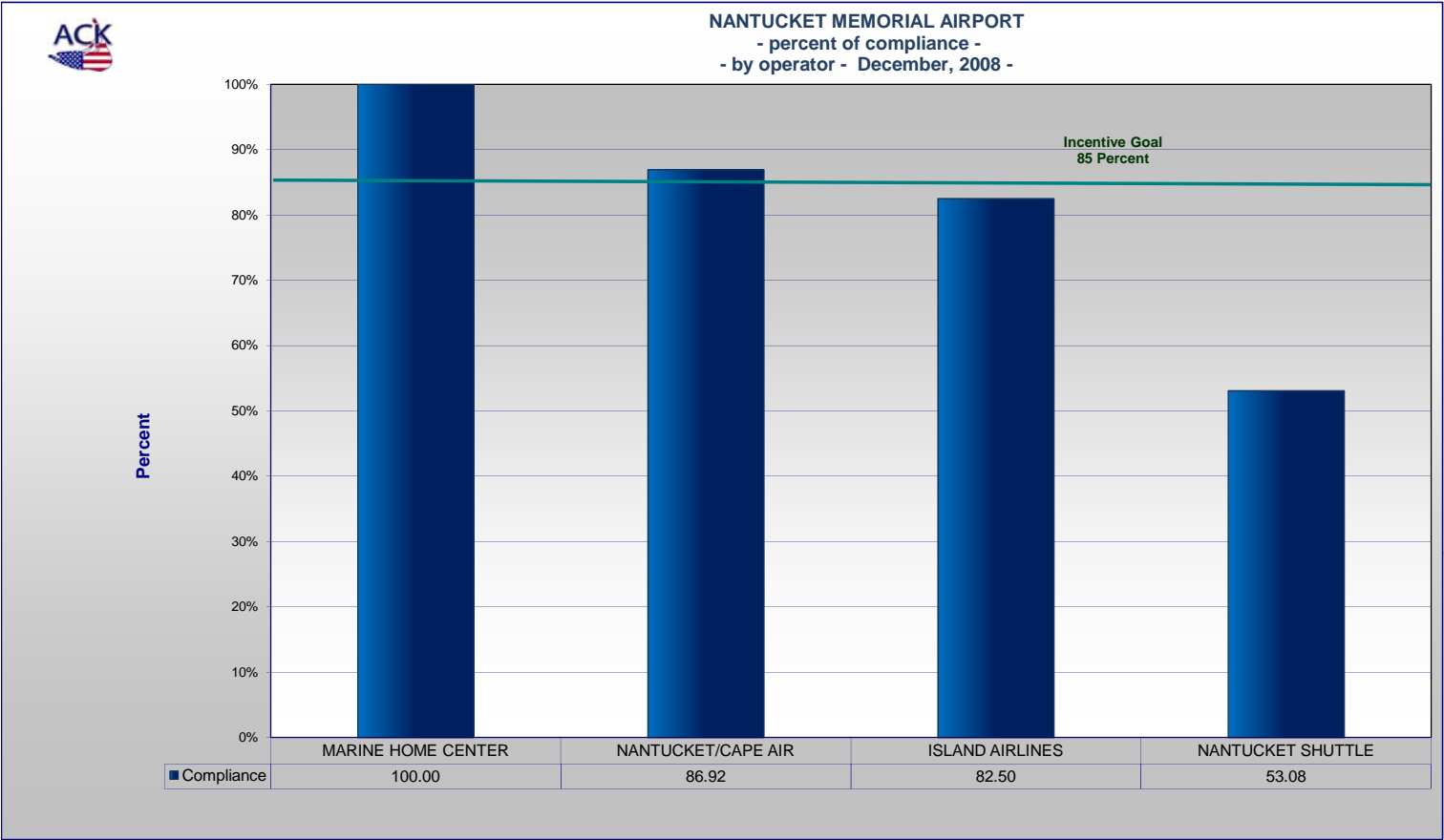
IFR ALL DAY

4. OPERATOR COMPARISON REPORT

Date	Weather	AMA		NANTUCKET/CAPE		COLGAN		ISLAND		SHUTTLE	
		COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL
12/1/08	VFR	2	0	9	2	0	0	2	2	1	1
12/2/08	VFR	1	0	10	1	0	0	12	0	6	2
12/3/08	VFR	7	0	17	3	0	0	16	1	7	4
12/4/08	VFR	4	0	17	0	0	0	10	3	3	6
12/5/08	VFR	0	0	12	0	0	0	10	3	3	5
12/6/08	VFR	3	0	3	2	0	0	3	2	0	5
12/7/08	VFR	0	0	14	1	0	0	7	1	1	1
12/8/08	VFR	2	0	11	1	0	0	7	0	4	4
12/9/08	VFR	1	0	9	3	0	0	13	2	3	6
12/10/08	VFR	5	0	8	3	0	0	6	3	2	2
12/11/08	IFR	0	0	0	0	0	0	0	0	0	0
12/12/08	VFR	0	0	2	0	0	0	2	0	0	0
12/13/08	VFR	0	0	6	0	0	0	3	0	1	0
12/14/08	VFR	2	0	4	0	0	0	3	2	2	2
12/15/08	VFR	3	0	13	3	0	0	10	4	6	2
12/16/08	VFR	1	0	12	0	0	0	11	1	5	2
12/17/08	IFR	0	0	0	0	0	0	0	0	0	0
12/18/08	VFR	2	0	8	2	0	0	10	2	0	6
12/19/08	VFR	2	0	9	0	0	0	5	2	5	0
12/20/08	VFR	2	0	1	0	0	0	1	0	0	1
12/21/08	VFR	0	0	2	0	0	0	1	0	0	0
12/22/08	VFR	1	0	5	0	0	0	5	1	4	0
12/23/08	VFR	1	0	6	1	0	0	8	0	0	2
12/24/08	VFR	4	0	4	4	0	0	5	1	2	2
12/25/08	VFR	0	0	2	1	0	0	0	0	1	1
12/26/08	VFR	2	0	3	2	0	0	1	2	3	4
12/27/08	VFR	3	0	6	1	0	0	1	3	0	2
12/28/08	IFR	0	0	0	0	0	0	0	0	0	0
12/29/08	VFR	0	0	5	0	0	0	5	0	3	1
12/30/08	VFR	3	0	4	0	0	0	4	0	3	0
12/31/08	VFR	1	0	4	1	0	0	4	0	4	0
Sub Total		52	0	206	31	0	0	165	35	69	61
Total Flights (Comp+Non-Comp)		52		237		0		200		130	
Percent of Compliance		100.00		86.92				82.50		53.08	

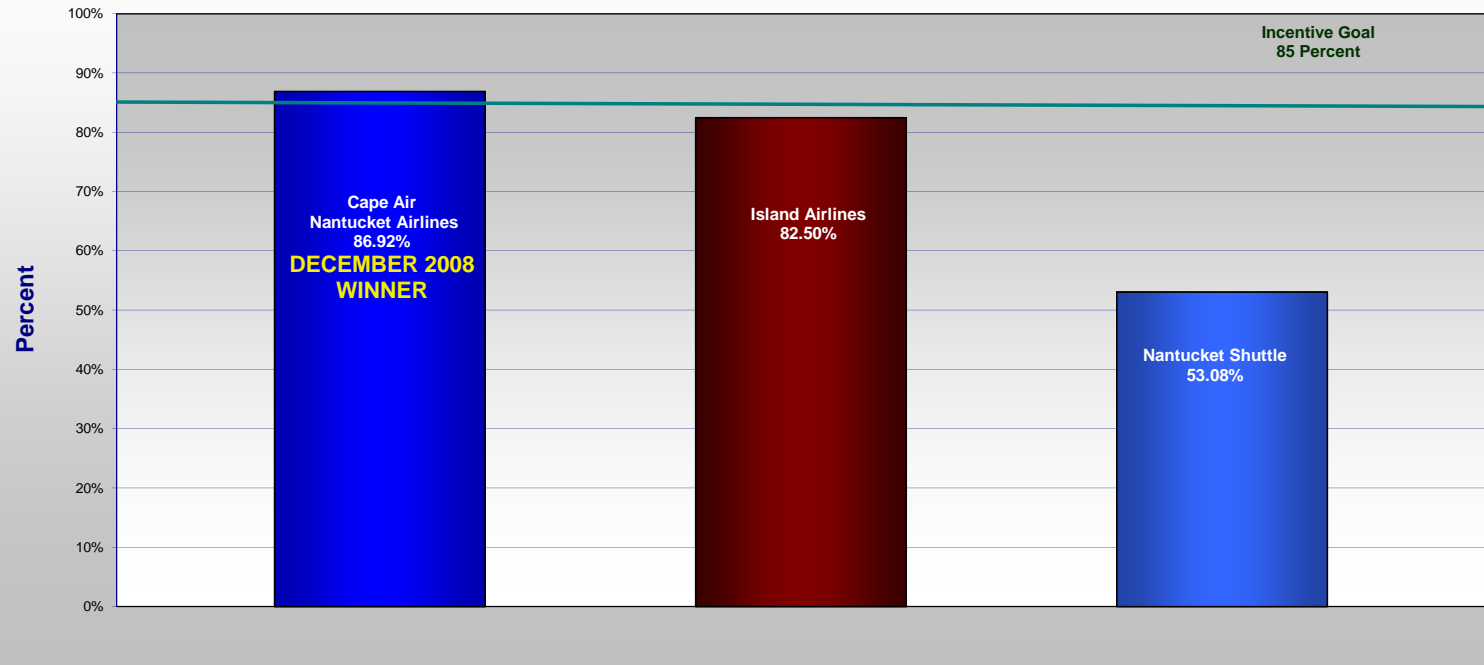
* Colgan had an insufficient number of VFR flights for December

5. OPERATOR/AIR TAXI COMPARISON BAR CHARTS





NANTUCKET MEMORIAL AIRPORT
- air taxi noise abatement percent of compliance -
DECEMBER 2008



6. MONTHLY SUMMARY

Total Flights observed 671

Non-Compliant Flights by Airline

AMA-Marine Home Center	0
Cape/Nantucket Airlines	31
Colgan	0
Island Airlines	35
Shuttle	61
GA-Single Engine	15
GA-Other	11
Unknown	<u>0</u>

Total Non-Compliant 153

Combined Percent Compliance 77.20

During the month of December we had:

28 VFR days - 3 IFR days - 0 Marginal days

A total of 671 VFR flights were observed over noise abatement routes.

During the month of December, due to weather, traffic density and wind patterns, a single runway configuration was in use 24 days.

As a result, 350 operations were observed operating on the northern and eastern routes and 313 operations were observed operating on the southern and western routes.

Combined compliance was 77.20%; 6.13% higher than November, 2008. A positive result.

Compliance on the northern and eastern routes was 85.75% while compliance on the southern and western routes was 67.41%.

At 100.00%, AMA - Marine Home Center had the best overall monthly compliance.

In the Air Taxi category, Cape Air/Nantucket Airlines had the best monthly performance with 86.92%.

Island Airlines was second at 82.50% and Nantucket Shuttle Airlines was a last with 53.08%.

December was the second month that compliance was sampled throughout the whole day. Substantial improvement was noted from November after the early morning hours of 6 - 8:30 a.m.

I ask, once again, that you actively encourage your pilots to use the noise abatement procedures that have proven to be successful in reducing aircraft noise exposure to OUR RESIDENTS AND VISITORS and YOUR CUSTOMERS. Remember the goal of this program is to avoid unnecessary Island crossings

Thank you for your assistance.

Jack F. Wheeler
Environmental Coordinator