



Nantucket Memorial Airport
- noise abatement compliance report -



- monthly summary -
- december 2010 -

This summary of VFR compliance for the month of December 2010 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-10	DEC-10	% CHANGE
Northern and Eastern Routes	81.69%	93.01%	11.32%
Southern and Western Routes	89.92%	93.68%	3.76%
Combined Routes	85.61%	93.28%	7.67%

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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	Non Comply	Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Non Comply	Comply	
12/01/10	6-7	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12/02/10	6-7	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12/03/10	8-9	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	1
12/04/10	13-14	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	3
12/05/10	17-18	VFR	0	1	0	0	1	0	0	0	10	0	0	0	0	0	0	0	1	0	0	9
12/06/10	6-7	VFR	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12/07/10	10-11	VFR	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	5
12/08/10	11-12	VFR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12/09/10	12-13	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12/10/10	13-14	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	3
12/11/10	15-16	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8
12/12/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/10	7-8	VFR	0	0	0	1	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	6
12/14/10	6-7	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	3
12/15/10	8-9	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
12/16/10	7-8	VFR	0	0	0	0	0	0	0	0	10	0	0	0	0	0	1	0	0	0	0	8
12/17/10	6-7	VFR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
12/18/10	9-10	VFR	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	3
12/19/10	8-9	VFR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
12/20/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/10	17-18	VFR	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12/22/10	14-15	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12/23/10	16-17	VFR	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5
12/24/10	7-8	VFR	1	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	1
12/25/10	8-9	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1
12/26/10	9-10	VFR	0	0	0	2	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	5
12/27/10	6-7	VFR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
12/28/10	7-8	VFR	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12/29/10	11-12	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12/30/10	6-7	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6
12/31/10	16-17	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	6
Monthly Total by Airline			1	2	0	4	1	0	2	0	133	0	1	0	2	0	1	2	0	0	89	
Percent of Total Inside by Airline*			10.0%	20.0%	0.0%	40.0%	10.0%	0.0%	20.0%	0.0%	100.0%	0.0%	16.7%	0.0%	33.3%	0.0%	16.7%	33.3%	0.0%	0.0%	100.0%	
Monthly Total Combined			Bad	10	Good	133			Total		143	Bad	6	Good	89		Total	95				
Percent Compliance Combined						93.01%								93.68%								

* 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
12/1/10	VFR	0600 - 130/17G25 10 CLEAR 9/8, VISUAL 15	15	15
12/2/10	VFR	0600 - 310/11G17 10 CLEAR 3/-1, VISUAL 33	33	33
12/3/10	VFR	0800 - 340/13 10 BKN 11000 3/-1, VISUAL 33	33	33
12/4/10	VFR	1300 - 260/9 10 CLEAR 4/-4, VISUAL 24	24	24
12/5/10	VFR	1700 - 300/9 10 OVC 3000 1/-6, VISUAL 24	24	24
12/6/10	VFR	0600 - 310/15G23 10 CLEAR -2/-9, VISUAL 33	33	33
12/7/10	VFR	1000 - 280/18G27 10 OVC 3600 1/-7, VISUAL 24	24	24
12/8/10	VFR	1100 - 310/18G29 10 CLEAR 2/-1, VISUAL 33	33	33
12/9/10	VFR	1200 - 300/17G24 10 FEW 4100 -2/-14, VISUAL 33	33	33
12/10/10	VFR	1300 - 250/6 10 SCT 2500 -1/-7, VISUAL 24	24	24
12/11/10	VFR	1500 - 260/7 10 CLEAR 7/2, VISUAL 24	24	24
12/12/10	IFR	ALL DAY	06	06
12/13/10	VFR	0700 - 140/9 1 -RAIN MIST SCT 5500 OVC 7000 8/8, ILS 6	06	06
12/14/10	VFR	0600 - 250/17 10 SCT 2100 BKN 2700 2/-1, VISUAL 24	24	24
12/15/10	VFR	0800 - 290/15 10 OVC 3400 -7/-13, VISUAL 24	24	24
12/16/10	VFR	0700 - 280/8 10 CLEAR -4/-12, VISUAL 33, DEPART 24	33	24
12/17/10	VFR	0600 - 360/5 10 OVC 3300 0/-2, VISUAL 6	6	6
12/18/10	VFR	0900 - 330/5 10 CLEAR 2/-4, VISUAL 24	24	24
12/19/10	VFR	0800 - 060/6 10 OVC 11000 2/-3, VISUAL 6	6	6
12/20/10	IFR	ALL DAY	6	6
12/21/10	VFR	1700 - 330/20G27 -RAIN OVC 2000 2/1, ILS 6 CIRCLE 33	33	33
12/22/10	VFR	1400 - 340/12G20 10 BKN 2300 OVC 8000 3/-1, VISUAL 33	33	33
12/23/10	VFR	1600 - 010/18G26 10 -RAIN BKN 1400 OVC 3400 3/1, ILS 6	6	6
12/24/10	VFR	0700 - 360/22G27 10 OVC 2200 2/1, VISUAL 33	33	33
12/25/10	VFR	0800 - 350/9 10 CLEAR -1/-3, VISUAL 33	33	33
12/26/10	VFR	0900 - 080/10 10 -RAIN BKN 2000 OVC 2700 3/0, ILS 6	6	6
12/27/10	VFR	0600 - 080/16G26 5 RAIN MIST BKN 5000 3/1, ILS 6	6	6
12/28/10	VFR	0700 - 340/31G45 10 CLEAR -5/-15, VISUAL 33	33	33
12/29/10	VFR	1100 - 330/12G21 10 CLEAR 3/-4, VISUAL 33	33	33
12/30/10	VFR	0600 - 330/9 10 CLEAR 0/-5, VISUAL 33, DEPART 24	33	24
12/31/10	VFR	1600 - 270/14 10 CLEAR 6/2, VISUAL 24	24	24

4. OPERATOR COMPARISON REPORT

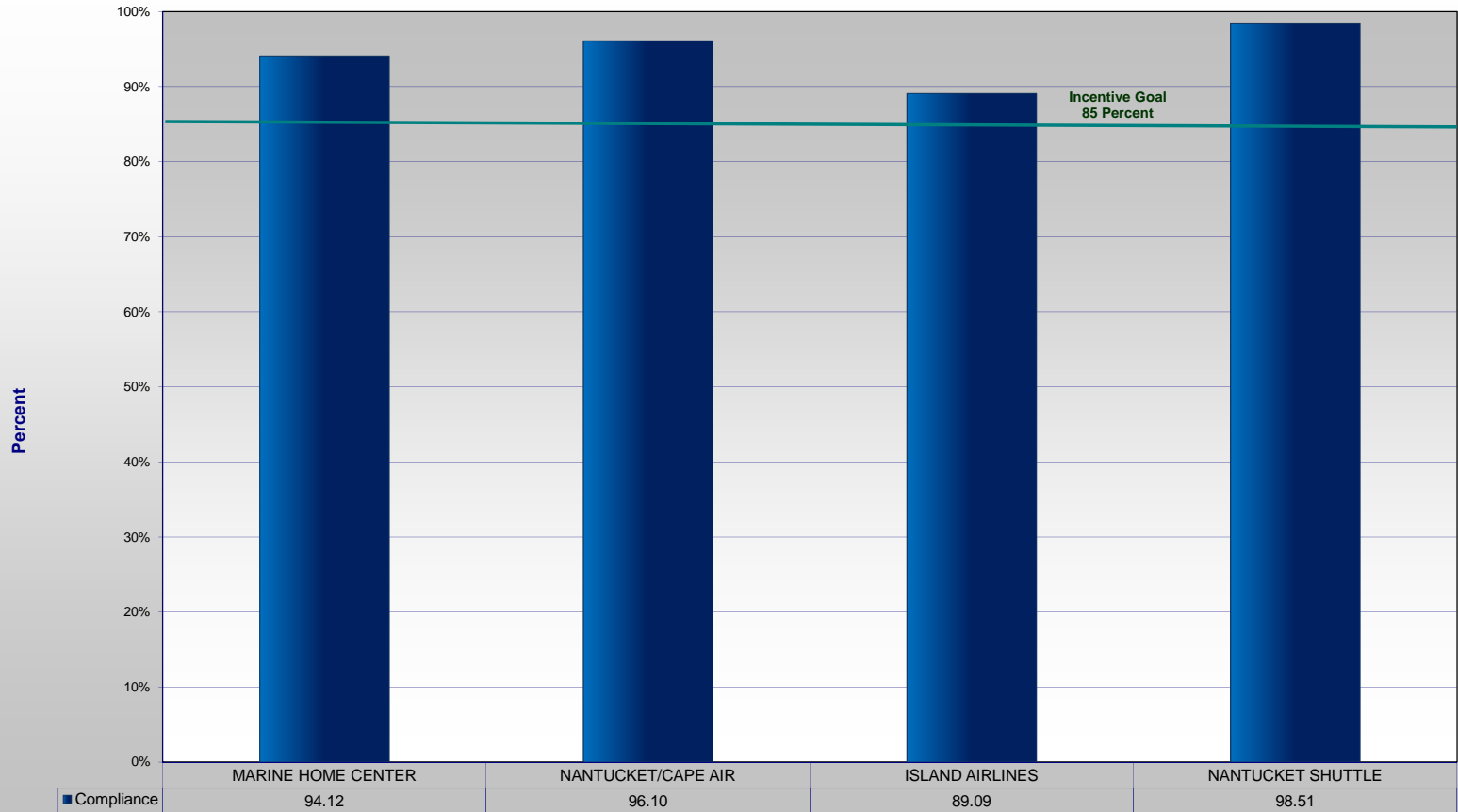
Date	Weather	AMA		NANTUCKET/CAPE		COLGAN		ISLAND		SHUTTLE	
		COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL
12/1/10	VFR	0	0	2	0	0	0	2	0	1	0
12/2/10	VFR	1	0	2	0	0	0	2	0	3	0
12/3/10	VFR	0	0	2	0	0	0	1	0	3	0
12/4/10	VFR	0	0	3	0	0	0	1	0	1	0
12/5/10	VFR	0	0	11	1	0	0	1	0	3	1
12/6/10	VFR	1	0	3	0	0	0	1	0	3	0
12/7/10	VFR	0	0	6	0	0	0	2	0	2	0
12/8/10	VFR	0	0	1	0	0	0	0	0	0	0
12/9/10	VFR	0	0	2	0	0	0	0	0	1	0
12/10/10	VFR	0	0	2	0	0	0	2	1	1	0
12/11/10	VFR	1	0	6	0	0	0	1	0	1	0
12/12/10	VFR	0	0	0	0	0	0	0	0	0	0
12/13/10	VFR	2	0	2	0	0	0	3	1	2	0
12/14/10	VFR	1	0	1	1	0	0	5	0	3	0
12/15/10	VFR	1	0	3	0	0	0	3	0	3	0
12/16/10	VFR	2	0	5	0	0	0	5	0	5	0
12/17/10	VFR	1	0	1	0	0	0	2	0	2	0
12/18/10	VFR	0	0	3	1	0	0	3	0	2	0
12/19/10	VFR	0	0	2	0	0	0	0	0	1	0
12/20/10	VFR	0	0	0	0	0	0	0	0	0	0
12/21/10	VFR	0	0	0	0	0	0	0	0	2	0
12/22/10	VFR	0	0	2	0	0	0	2	0	1	0
12/23/10	VFR	0	0	2	0	0	0	2	1	3	0
12/24/10	VFR	0	1	2	0	0	0	0	0	4	0
12/25/10	VFR	0	0	3	0	0	0	0	0	1	0
12/26/10	VFR	0	0	3	0	0	0	3	3	2	0
12/27/10	VFR	1	0	0	0	0	0	0	0	2	0
12/28/10	VFR	2	0	0	0	0	0	1	0	3	0
12/29/10	VFR	0	0	0	0	0	0	1	0	2	0
12/30/10	VFR	2	0	3	0	0	0	2	0	4	0
12/31/10	VFR	1	0	2	0	0	0	4	0	5	0
Sub Total		16	1	74	3	0	0	49	6	66	1
Total Flights (Comp+Non-Comp)			17		77		0		55		67
Percent of Compliance			94.12		96.10				89.09		98.51

* Colgan did not operate in December

5. OPERATOR/AIR TAXI COMPARISON BAR CHARTS

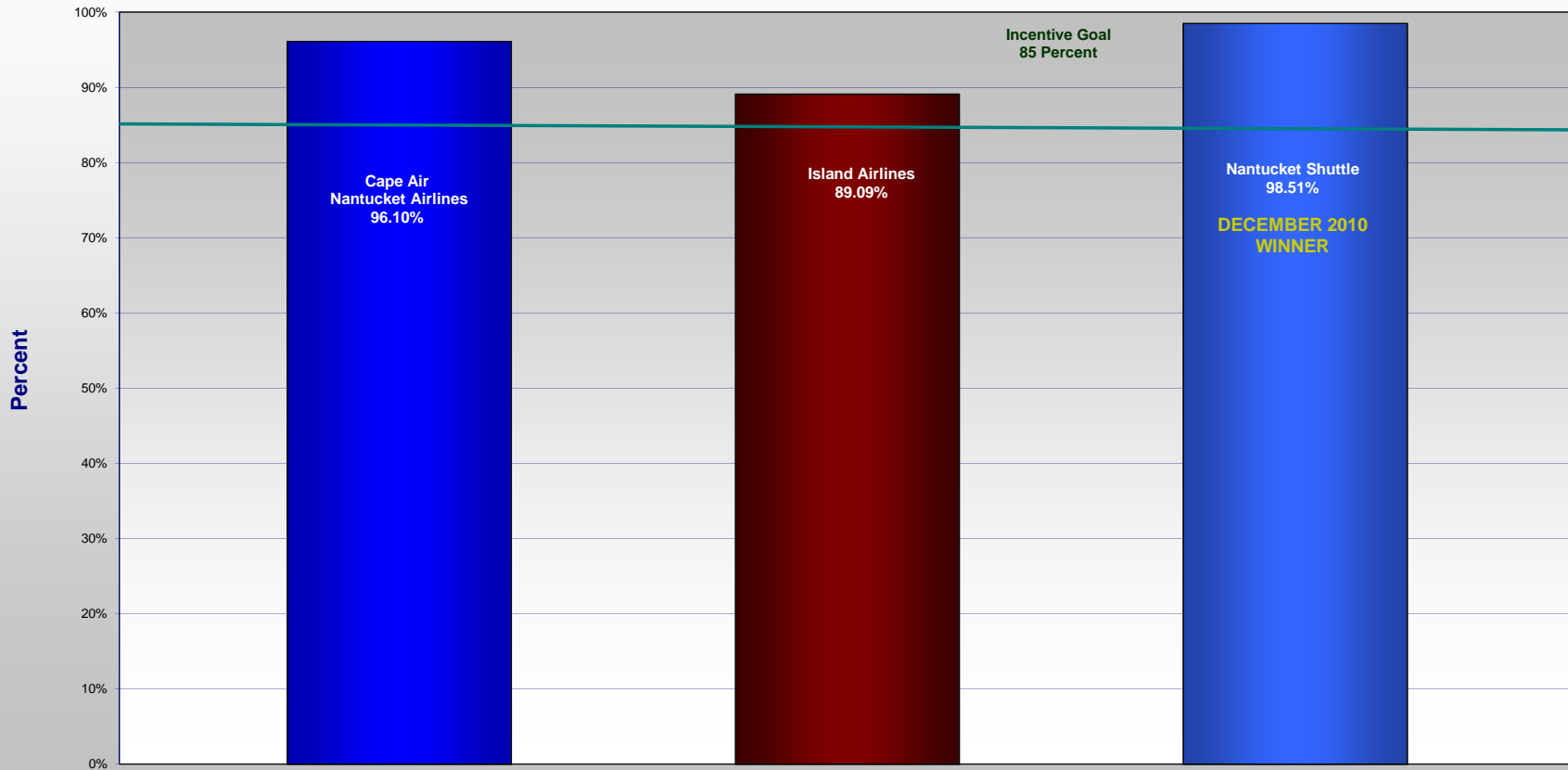


NANTUCKET MEMORIAL AIRPORT
 - percent of compliance -
 - by operator - december 2010-





NANTUCKET MEMORIAL AIRPORT
- air taxi noise abatement percent of compliance -
DECEMBER 2010



6. MONTHLY SUMMARY

Total Flights observed 238

Non-Compliant Flights by Airline

AMA-Marine Home Center	1
Cape/Nantucket Airlines	3
Colgan	0
Island Airlines	6
Shuttle	1
GA-Single Engine	1
GA-Other	4
Unknown	0

Total Non-Compliant 16

Combined Percent Compliance 93.28

During the month of December we had:

29 VFR days - 2 IFR days - 0 Marginal days

A total of 238 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 29 days.

As a result, 143 operations were observed operating on the northern and eastern routes and 95 operations were observed operating on the southern and western routes.

Combined compliance was 93.28%; a 7.67% improvement from November 2010; and well above the Target Goal of 85%.

Compliance on the northern and eastern routes was 93.01% while compliance on the southern and western routes was 93.69%

In the Air Taxi category, Nantucket Shuttle Airlines earned top honors, for the fifteenth month in a row, with a 98.51% compliance rate
Cape Air/Nantucket Airlines was second with 96.10%, followed by Island Airlines at 89.09%.

AMA - Marine Home Center achieved 94.12% compliance for their flights.

December was the sixteenth month in a row where all local air taxi airlines exceeded the target goal of 85%, and an example worthy of carrying into the future.

As a result, all airlines will receive a 15% reduction in December landing fees.

This was another remarkable achievement! Congratulations on a job well done!

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