



Nantucket Memorial Airport  
- noise abatement compliance report -



- monthly summary -  
- jun 2010 -

This summary of VFR compliance for the month of Jun 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**

	<b>MAY-10</b>	<b>JUN-10</b>	<b>% CHANGE</b>
<b>Northern and Eastern Routes</b>	<b>87.04%</b>	<b>94.05%</b>	<b>7.01%</b>
<b>Southern and Western Routes</b>	<b>89.78%</b>	<b>88.06%</b>	<b>-1.72%</b>
<b>Combined Routes</b>	<b>88.31%</b>	<b>91.39%</b>	<b>3.08%</b>

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**2. DAILY SUMMARY BY OPERATOR**

Location			Northern and Eastern Routes									Southern and Western Routes									
Airline			AMA Marine Lumber Non Comply	Cape Air ACK Air Non Comply	Colgan Air Non Comply	Island Airlines Non Comply	Shuttle Non Comply	GA Single Non Comply	GA Other Non Comply	Unknown Non Comply	Daily Total Comply	AMA Marine Lumber Non Comply	Cape Air ACK Air Non Comply	Colgan Air Non Comply	Island Airlines Non Comply	Shuttle Non Comply	GA Single Non Comply	GA Other Non Comply	Unknown Non Comply	Daily Total Comply	
Date	Times	Weather																			
06/01/10	12-13	VFR	0	0	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	4
06/02/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/03/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/04/10	18-19	VFR	0	0	0	0	0	0	0	0	9	0	0	0	1	0	0	1	0	0	5
06/05/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/06/10	7-8	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2
06/07/10	6-7	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	2
06/08/10	16-17	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	3
06/09/10	17-18	VFR	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	0	0	3
06/10/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/11/10	7-8	VFR	0	1	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	9
06/12/10	13-14	VFR	0	0	0	0	0	0	1	0	5	0	1	0	0	0	0	0	0	0	3
06/13/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/14/10	16-17	VFR	0	0	0	1	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
06/15/10	8-9	VFR	0	2	0	1	0	0	1	0	6	0	0	0	0	0	0	0	0	0	2
06/16/10	6-7	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	6
06/17/10	13-14	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	6
06/18/10	10-11	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	7
06/19/10	9-10	VFR	0	0	0	0	0	0	0	0	8	0	0	0	0	0	2	0	0	0	5
06/20/10	7-8	VFR	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	5
06/21/10	15-16	VFR	0	0	0	0	0	0	0	0	10	0	1	0	0	0	1	0	0	0	8
06/22/10	11-12	VFR	0	0	0	0	0	1	0	0	6	0	0	0	0	0	1	0	0	0	2
06/23/10	6-7	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1
06/24/10	18-19	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	4
06/25/10	10-11	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	9
06/26/10	8-9	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	2	0	0	0	4
06/27/10	6-7	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	2
06/28/10	15-16	VFR	0	0	0	0	0	1	0	0	8	0	0	0	0	1	0	0	0	0	5
06/29/10	9-10	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	4
06/30/10	19-20	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	1	0	0	8
<b>Monthly Total by Airline</b>			<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>158</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>118</b>	
<b>Percent of Total Inside by Airline*</b>			0.0%	30.0%	0.0%	20.0%	0.0%	30.0%	20.0%	0.0%	100.0%	0.0%	18.8%	0.0%	6.3%	6.3%	50.0%	18.8%	0.0%	100.0%	
<b>Monthly Total Combined</b>			<b>Bad</b>	<b>10</b>	<b>Good</b>	<b>158</b>		<b>Total</b>	<b>168</b>			<b>Bad</b>	<b>16</b>	<b>Good</b>	<b>118</b>		<b>Total</b>	<b>134</b>			
<b>Percent Compliance Combined</b>						<b>94.05%</b>								<b>88.06%</b>							

\* 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
6/1/10	VFR	1200 - 240/15 7 CLEAR 18/16, VISUAL 24	24	24
6/2/10	IFR	IFR ALL DAY	24	24
6/3/10	IFR	IFR ALL DAY	24	24
6/4/10	VFR	1800 - 180/6 10 CLEAR 18/15, VISUAL 24	24	24
6/5/10	IFR	IFR ALL DAY	24	24
6/6/10	VFR	0700 - 240/5 3 MIST SCT 7000 17/16, VISUAL 24	24	24
6/7/10	VFR	0600 - 350/13G20 10 CLEAR 14/10, VISUAL 33	33	33
6/8/10	VFR	1600 - 340/14 3 RAIN FEW 4300 BKN 5500 16/12, VIS 33; LATER VIS 6	33/6	33/6
6/9/10	VFR	1700 - 230/6 10 -RAIN BKN 6500 16/11, VISUAL 24/30	24/30	24
6/10/10	IFR	IFR ALL DAY	6	6
6/11/10	VFR	0700 - 060/10 10 BKN 1200 OVC 3000 13/11, ILS 6	6	6
6/12/10	VFR	1300 - 240/13 10 BKN 1200 17/14, ILS 24	24	24
6/13/10	IFR	ALL DAY	24	24
6/14/10	VFR	1600 - CALM 10 SCT 1500 OVC 3200 19/16, ILS 6	6	6
6/15/10	VFR	0800 - 010/13 10 CLEAR 18/13, VISUAL 6	6	6
6/16/10	VFR	0600 - 250/6 10 CLEAR 14/13, VISUAL 24	24	24
6/17/10	VFR	1300 - VFR, VISUAL 6	6	6
6/18/10	VFR	1000 - 330/7 10 CLEAR 23/16, VISUAL 24	24	24
6/19/10	VFR	0900 - 250/7 10 CLEAR 19/17, VISUAL 24	24	24
6/20/10	VFR	0700 - 220/7 10 CLEAR 18/17, VISUAL 33, DEPART 24	33	24
6/21/10	VFR	1500 - 200/5 9 CLEAR 23/18, VISUAL 24	24	24
6/22/10	VFR	1100 - 080/6 10 CLEAR 24/17, VISUAL 6	6	6
6/23/10	VFR	0600 - 200/11 4 MIST BKN 5500 19/18, ILS 24	24	24
6/24/10	VFR	1800 - 250/15 4 HAZE CLEAR 22/19, ILS 24	24	24
6/25/10	VFR	1000 - 010/11 10 CLEAR 23/16, VISUAL 6	6	6
6/26/10	VFR	0800 - 220/9 10 CLEAR 19/18, VISUAL 24	24	24
6/27/10	VFR	0600 - VBL 5 6 MIST FEW 9000 BKN 11000 19/18, VISUAL 33, DEPART 24	33	24
6/28/10	VFR	1500 - 240/16 5 HAZE CLEAR 23/21, VISUAL 24	24	24
6/29/10	VFR	0900 - 250/13 5 HAZE SCT 300 23/21, ILS 24	24	24
6/30/10	VFR	1900 - 260/15 10 CLEAR 19/14, VISUAL 24	24	24

#### 4. OPERATOR COMPARISON REPORT

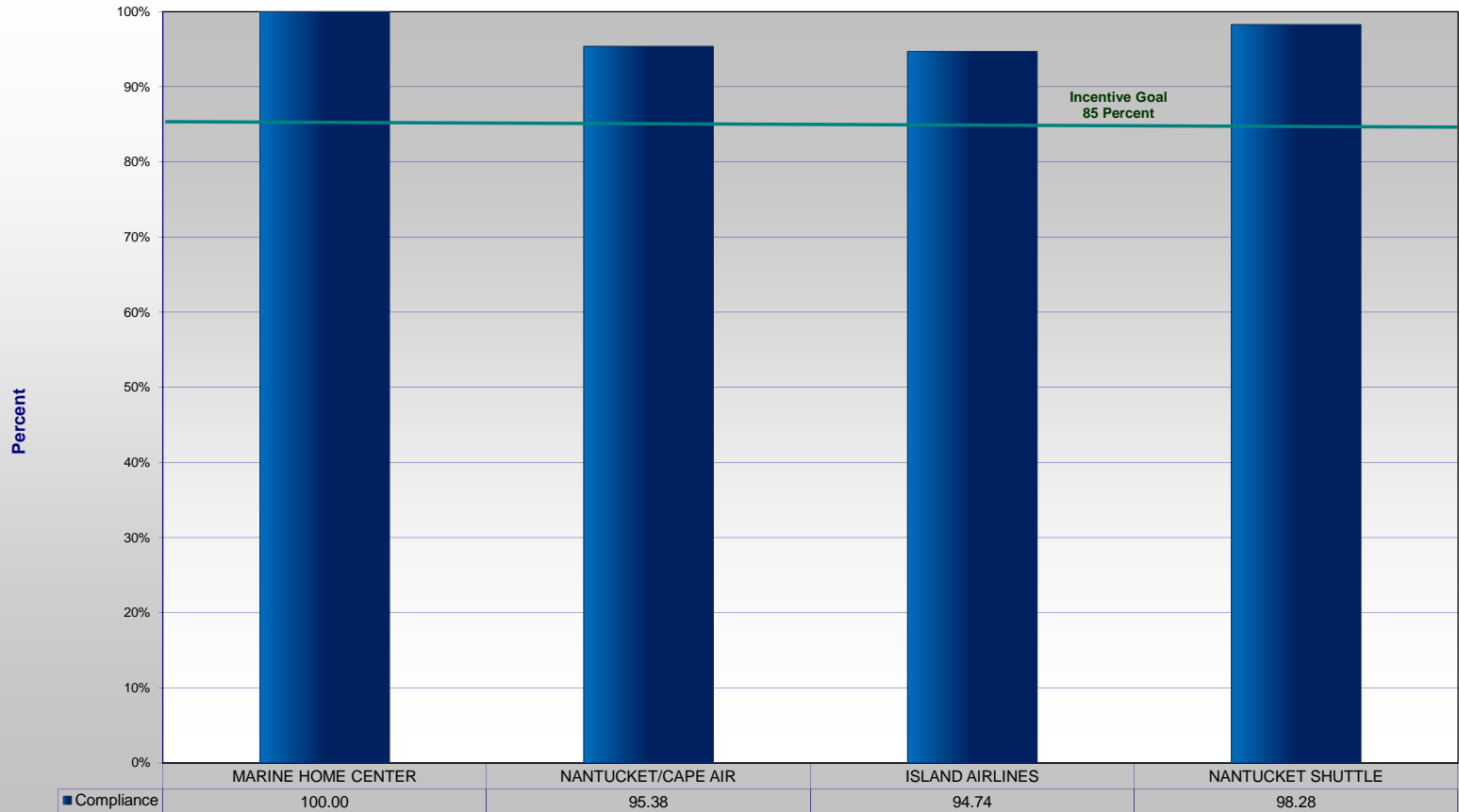
Date	Weather	AMA		NANTUCKET/CAPE		COLGAN		ISLAND		SHUTTLE	
		COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL
6/1/10	VFR	0	0	5	1	0	0	4	0	0	0
6/2/10	IFR	0	0	0	0	0	0	0	0	0	0
6/3/10	IFR	0	0	0	0	0	0	0	0	0	0
6/4/10	VFR	0	0	6	0	0	0	0	1	3	0
6/5/10	IFR	0	0	0	0	0	0	0	0	0	0
6/6/10	VFR	0	0	2	0	0	0	2	0	1	0
6/7/10	VFR	0	0	4	0	0	0	3	0	2	0
6/8/10	VFR	0	0	2	0	0	0	4	0	6	0
6/9/10	VFR	2	0	4	0	0	0	2	0	1	0
6/10/10	IFR	0	0	0	0	0	0	0	0	0	0
6/11/10	VFR	2	0	5	1	0	0	1	0	5	0
6/12/10	VFR	0	0	3	1	0	0	3	0	2	0
6/13/10	IFR	0	0	0	0	0	0	0	0	0	0
6/14/10	VFR	2	0	5	0	0	0	5	1	5	0
6/15/10	VFR	0	0	5	2	0	0	1	1	1	0
6/16/10	VFR	1	0	5	0	0	0	6	0	3	0
6/17/10	VFR	0	0	7	0	0	0	2	0	3	0
6/18/10	VFR	0	0	5	0	0	0	3	0	1	0
6/19/10	VFR	0	0	9	0	0	0	1	0	3	0
6/20/10	VFR	0	0	3	0	0	0	1	0	2	0
6/21/10	VFR	0	0	8	1	0	0	1	0	3	0
6/22/10	VFR	0	0	6	0	0	0	0	0	1	0
6/23/10	VFR	0	0	0	0	0	0	2	0	2	0
6/24/10	VFR	0	0	3	0	0	0	1	0	2	0
6/25/10	VFR	0	0	8	0	0	0	1	0	0	0
6/26/10	VFR	0	0	5	0	0	0	1	0	1	0
6/27/10	VFR	0	0	4	0	0	0	4	0	2	0
6/28/10	VFR	0	0	6	0	0	0	2	0	2	1
6/29/10	VFR	0	0	4	0	0	0	2	0	3	0
6/30/10	VFR	0	0	10	0	0	0	2	0	3	0
	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total</b>		7	0	124	6	0	0	54	3	57	1
<b>Total Flights (Comp+Non-Comp)</b>				7	130		0		57		58
<b>Percent of Compliance</b>			100.00		95.38				94.74		98.28

\* Colgan had an insufficient number of flights in June

5. OPERATOR/AIR TAXI COMPARISON BAR CHARTS

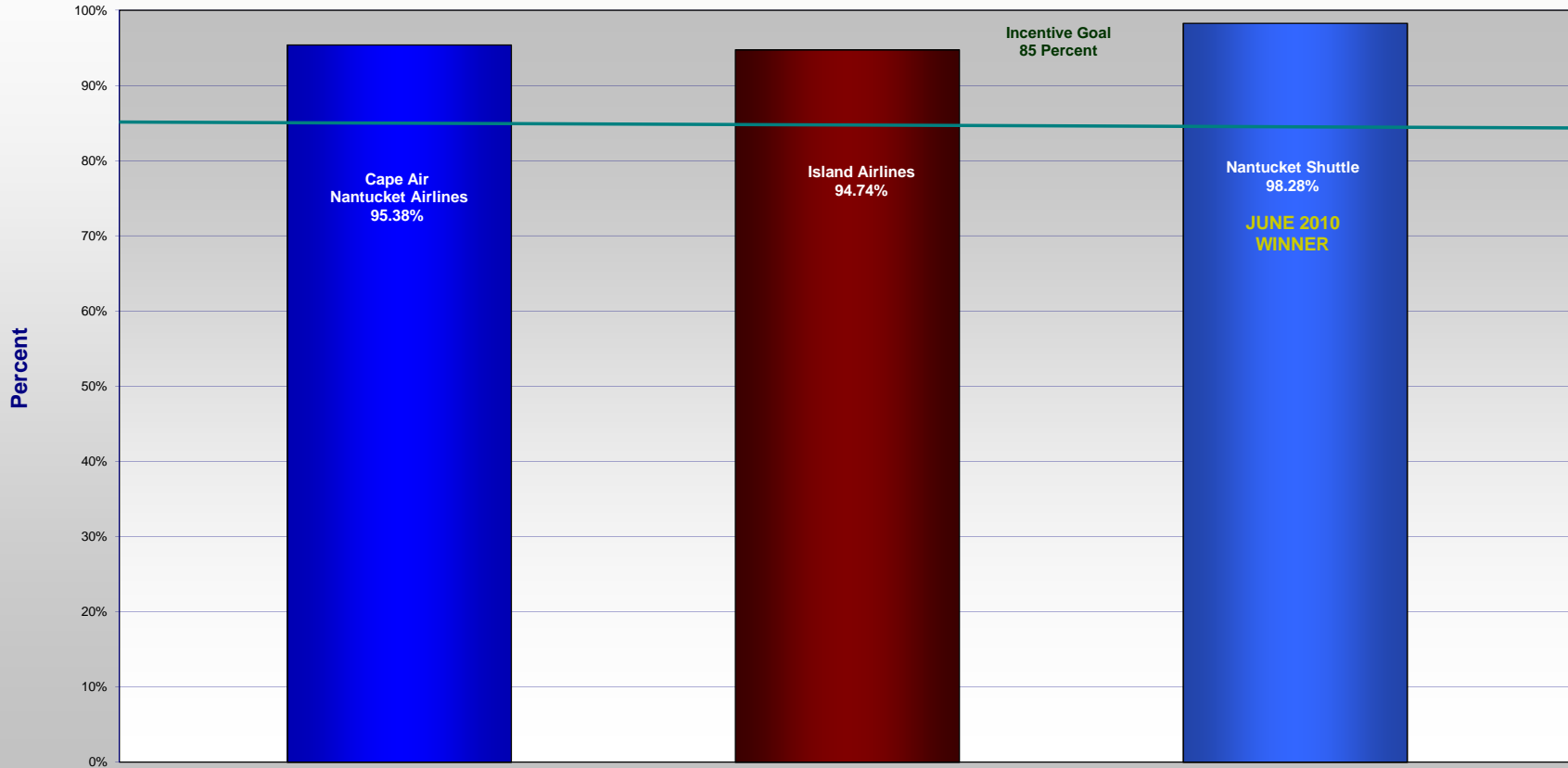


NANTUCKET MEMORIAL AIRPORT  
 - percent of compliance -  
 - by operator - june 2010-





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



## 6. MONTHLY SUMMARY

**Total Flights observed** 302

### Non-Compliant Flights by Airline

AMA-Marine Home Center	0
Cape/Nantucket Airlines	6
Colgan	0
Island Airlines	3
Shuttle	1
GA-Single Engine	11
GA-Other	5
Unknown	0

**Total Non-Compliant** 26

**Combined Percent Compliance** 91.39

During the month of May we had:

25 VFR days - 5 IFR days - 0 Marginal days

A total of 302 VFR flights were observed over noise abatement routes.

During the month of June, due to weather, traffic density and wind patterns, a single runway configuration was in use 29 days.

As a result, 168 operations were observed operating on the northern and eastern routes and 134 operations were observed operating on the southern and western routes.

**Combined compliance was 91.39%; a 3.08% improvement over May 2010; and well above the Target Goal of 85%.**

**Compliance on the northern and eastern routes was 94.05% while compliance on the southern and western routes was 88.06%**

**In the Air Taxi category, Nantucket Shuttle Airlines earned top honors, for the ninth month in a row, with a 98.28% compliance rate. Cape Air/Nantucket Airlines was second at 95.38% and Island Airlines was a third with 94.74%.**

**AMA - Marine Home Center achieved 100.00% compliance for their flights.**

**June was the tenth month in a row where all local air taxi airlines exceeded the target goal of 85%.**

**As a result, all airlines will receive a 15% reduction in June 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