



Nantucket Memorial Airport  
- noise abatement compliance report -



- monthly summary -  
- july 2010 -

This summary of VFR compliance for the month of July 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>JUN-10</b>	<b>JUL-10</b>	<b>% CHANGE</b>
<b>Northern and Eastern Routes</b>	<b>94.05%</b>	<b>93.06%</b>	<b>-0.99%</b>
<b>Southern and Western Routes</b>	<b>88.06%</b>	<b>90.85%</b>	<b>2.79%</b>
<b>Combined Routes</b>	<b>91.39%</b>	<b>92.02%</b>	<b>0.63%</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																			
07/01/10	6-7	VFR	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	5
07/02/10	7-8	VFR	0	0	0	0	0	1	0	0	11	0	0	0	0	0	0	0	0	0	8
07/03/10	16-17	VFR	0	0	0	0	0	2	0	0	11	0	1	0	0	0	1	0	0	0	9
07/04/10	6-7	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0
07/05/10	8-9	VFR	0	0	0	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	10
07/06/10	ALL DAY	VFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/07/10	ALL DAY	VFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/08/10	ALL DAY	VFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/09/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/10/10	12-13	VFR	0	0	0	0	0	0	1	0	8	0	0	0	0	0	0	0	0	0	2
07/11/10	16-17	VFR	0	0	0	0	0	4	0	0	5	0	0	0	0	0	0	0	0	0	8
07/12/10	6-7	VFR	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	5
07/13/10	17-18	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	2
07/14/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/15/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/16/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/17/10	11-12	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	1	0	0	10
07/18/10	7-8	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	4
07/19/10	6-7	VFR	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	6
07/20/10	9-10	VFR	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	7
07/21/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/22/10	7-8	VFR	0	0	0	0	0	0	0	0	12	0	0	0	0	0	2	0	0	0	14
07/23/10	9-10	VFR	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	10
07/24/10	17-18	VFR	0	1	0	0	0	0	1	0	6	0	0	0	0	0	1	0	0	0	5
07/25/10	7-8	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	4
07/26/10	10-11	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	1	1	0	0	8
07/27/10	20-12	VFR	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0	4
07/28/10	21-22	VFR	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	4
07/29/10	8-9	VFR	0	0	0	0	0	0	0	0	7	0	0	0	1	0	0	0	0	0	3
07/30/10	7-8	VFR	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	0	0	8
07/31/10	6-7	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	3
<b>Monthly Total by Airline</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>161</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>139</b>	
<b>Percent of Total Inside by Airline*</b>			0.0%	8.3%	0.0%	0.0%	0.0%	58.3%	33.3%	0.0%	100.0%	0.0%	14.3%	0.0%	7.1%	0.0%	64.3%	14.3%	0.0%	100.0%	
<b>Monthly Total Combined</b>			<b>Bad</b>	<b>12</b>	<b>Good</b>	<b>161</b>		<b>Total</b>	<b>173</b>			<b>Bad</b>	<b>14</b>	<b>Good</b>	<b>139</b>		<b>Total</b>	<b>153</b>			
<b>Percent Compliance Combined</b>						<b>93.06%</b>								<b>90.85%</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
7/1/10	VFR	0600 - 320/7 10 CLEAR 17/8, VISUAL 33, DEPART 24	33	24
7/2/10	VFR	0700 - 360/11 10 CLEAR 18/11, VISUAL 6/33, DEPART 6	6/33	6
7/3/10	VFR	1600 - 270/9 10 CLEAR 22/14, VISUAL 24	24	24
7/4/10	VFR	0600 - 270/11 10 CLEAR 20/18, VISUAL 33, DEPART 24	33	24
7/5/10	VFR	0800 - 290/7 10 CLEAR 24/17, VISUAL 24	24	24
7/6/10	VFR	AUDIO INOP ALL DAY	24	24
7/7/10	VFR	AUDIO INOP ALL DAY	6	15
7/8/10	VFR	AUDIO INOP ALL DAY	6	6
7/9/10	IFR	ALL DAY	24	24
7/10/10	VFR	1200 - 190/10 9 CLEAR 24/21, VISUAL 24	24	24
7/11/10	VFR	1600 - 020/10 10 FEW 1700 23/21, VISUAL 6	6	6
7/12/10	VFR	0600 - 240/5 3 MIST CLEAR 21/20, VISUAL 33, DEPART 24	33	24
7/13/10	VFR	1700 - 150/8 10 SCT 100 BKN 1800 23/21, ILS 24	24	24
7/14/10	IFR	ALL DAY	24	24
7/15/10	IFR	ALL DAY	24	24
7/16/10	IFR	ALL DAY	24	24
7/17/10	VFR	1100 - 260/8 4 HAZE CLEAR 24/21, ILS 24	24/30	24
7/18/10	VFR	0700 - 250/8 4 MIST CLEAR 22/21, VISUAL 24	24	24
7/19/10	VFR	0600 - CALM 3/4 MIST CLEAR 19/19, ILS 24	24	24
7/20/10	VFR	0900 - CALM 9 CLEAR 24/22, VISUAL 24	24/30	24
7/21/10	IFR	ALL DAY	24	24
7/22/10	VFR	0700 - 300/11 10 CLEAR 22/19, VISUAL 24	24/30	24
7/23/10	VFR	0900 - CALM 10 CLEAR 25/18, VISUAL 24	24/30	24
7/24/10	VFR	1700 - 180/8 10 CLEAR 23/21, VISUAL 24; RMK - FOG BANK SE - W	24	24
7/25/10	VFR	0700 - 260/7 4 MIST CLEAR 22/22, ILS 24	24	24
7/26/10	VFR	1000 - 320/12 10 CLEAR 24/14, VISUAL 33	33	24/33
7/27/10	VFR	2000 - 260/10 10 CLEAR 22/18, VISUAL 24	24	24
7/28/10	VFR	2100 - 210/14G20 10 BKN 5500 22/20, VISUAL 24	24	24
7/29/10	VFR	0800 - 230/12 8 SCT 6000 23/21, VISUAL 24	24	24
7/30/10	VFR	0700 - 040/11 10 CLEAR 19/13, VISUAL 6	6	6
7/31/10	VFR	0600 - CALM 10 SCT 5500 BKN 8000 17/14, VISUAL 33, DEPART 24	33	24

#### 4. OPERATOR COMPARISON REPORT

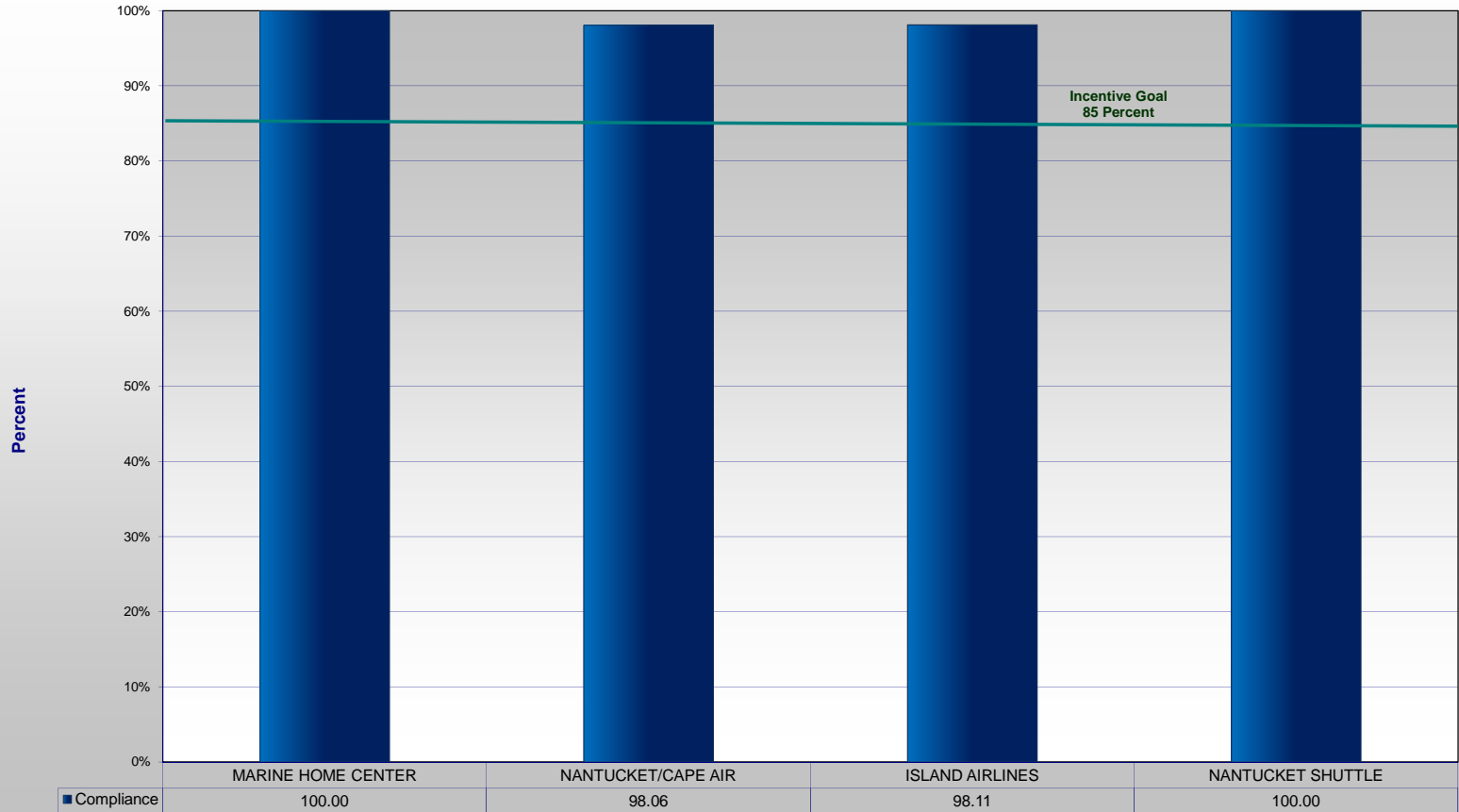
Date	Weather	AMA		NANTUCKET/CAPE		COLGAN		ISLAND		SHUTTLE	
		COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL
7/1/10	VFR	1	0	5	0	0	0	6	0	6	0
7/2/10	VFR	2	0	10	0	0	0	2	0	4	0
7/3/10	VFR	0	0	10	1	0	0	2	0	3	0
7/4/10	VFR	0	0	1	0	0	0	2	0	0	0
7/5/10	VFR	0	0	10	0	0	0	2	0	3	0
7/6/10	VFR	0	0	0	0	0	0	0	0	0	0
7/7/10	VFR	0	0	0	0	0	0	0	0	0	0
7/8/10	VFR	0	0	0	0	0	0	0	0	0	0
7/9/10	IFR	0	0	0	0	0	0	0	0	0	0
7/10/10	VFR	0	0	6	0	0	0	2	0	1	0
7/11/10	VFR	0	0	8	0	0	0	2	0	2	0
7/12/10	VFR	0	0	5	0	0	0	3	0	2	0
7/13/10	VFR	1	0	2	0	0	0	1	0	2	0
7/14/10	IFR	0	0	0	0	0	0	0	0	0	0
7/15/10	IFR	0	0	0	0	0	0	0	0	0	0
7/16/10	IFR	0	0	0	0	0	0	0	0	0	0
7/17/10	VFR	0	0	8	0	0	0	2	0	1	0
7/18/10	VFR	0	0	3	0	0	0	1	0	2	0
7/19/10	VFR	1	0	7	0	0	0	3	0	4	0
7/20/10	VFR	0	0	9	0	0	0	2	0	3	0
7/21/10	IFR	0	0	0	0	0	0	0	0	0	0
7/22/10	VFR	2	0	11	0	0	0	5	0	6	0
7/23/10	VFR	0	0	10	0	0	0	4	0	2	0
7/24/10	VFR	0	0	5	1	0	0	3	0	3	0
7/25/10	VFR	0	0	5	0	0	0	3	0	1	0
7/26/10	VFR	0	0	7	0	0	0	0	0	2	0
7/27/10	VFR	0	0	4	0	0	0	1	0	1	0
7/28/10	VFR	0	0	6	1	0	0	1	0	0	0
7/29/10	VFR	0	0	5	0	0	0	3	1	1	0
7/30/10	VFR	1	0	8	0	0	0	2	0	3	0
7/31/10	VFR	0	0	7	0	0	0	0	0	0	0
<b>Sub Total</b>		8	0	152	3	0	0	52	1	52	0
<b>Total Flights (Comp+Non-Comp)</b>			8		155		0		53		52
<b>Percent of Compliance</b>			100.00		98.06				98.11		100.00

\* Colgan had an insufficient number of flights in July

5. OPERATOR/AIR TAXI COMPARISON BAR CHARTS

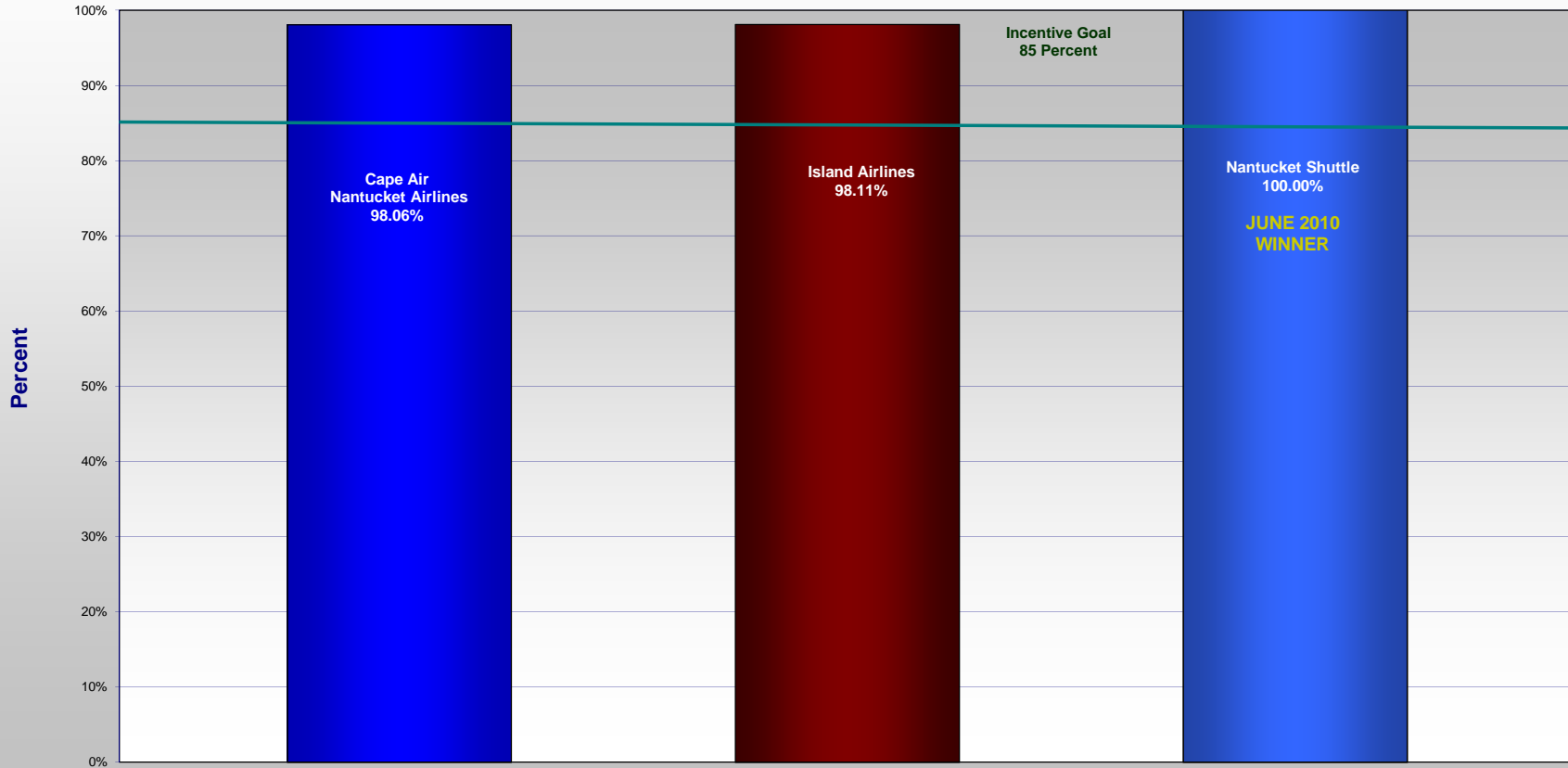


NANTUCKET MEMORIAL AIRPORT  
 - percent of compliance -  
 - by operator - july 2010-





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



## 6. MONTHLY SUMMARY

**Total Flights observed** 326

### Non-Compliant Flights by Airline

AMA-Marine Home Center	0
Cape/Nantucket Airlines	3
Colgan	0
Island Airlines	1
Shuttle	0
GA-Single Engine	16
GA-Other	6
Unknown	0

**Total Non-Compliant** 26

**Combined Percent Compliance** 92.02

During the month of July we had:

26 VFR days - 5 IFR days - 0 Marginal days

A total of 326 VFR flights were observed over noise abatement routes.

During the month of July, due to weather, traffic density and wind patterns, a single runway configuration was in use 25 days.

As a result, 173 operations were observed operating on the northern and eastern routes and 153 operations were observed operating on the southern and western routes.

**Combined compliance was 92.02%; a 0.63% improvement over June 2010; and well above the Target Goal of 85%.**

**Compliance on the northern and eastern routes was 93.06% while compliance on the southern and western routes was 90.85%**

**In the Air Taxi category, Nantucket Shuttle Airlines earned top honors, for the tenth month in a row, with a 100.00% compliance rate Island Airlines was a very close second with 98.11%, followed by Cape Air/Nantucket Airlines at 98.06%.**

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

**July was the eleventh month in a row where all local air taxi airlines exceeded the target goal of 85%, and by far the best monthly compliance record to date.**

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