

Fourth Quarter 2013

Community Noise Consortium Meeting

Thursday, January 30, 2014

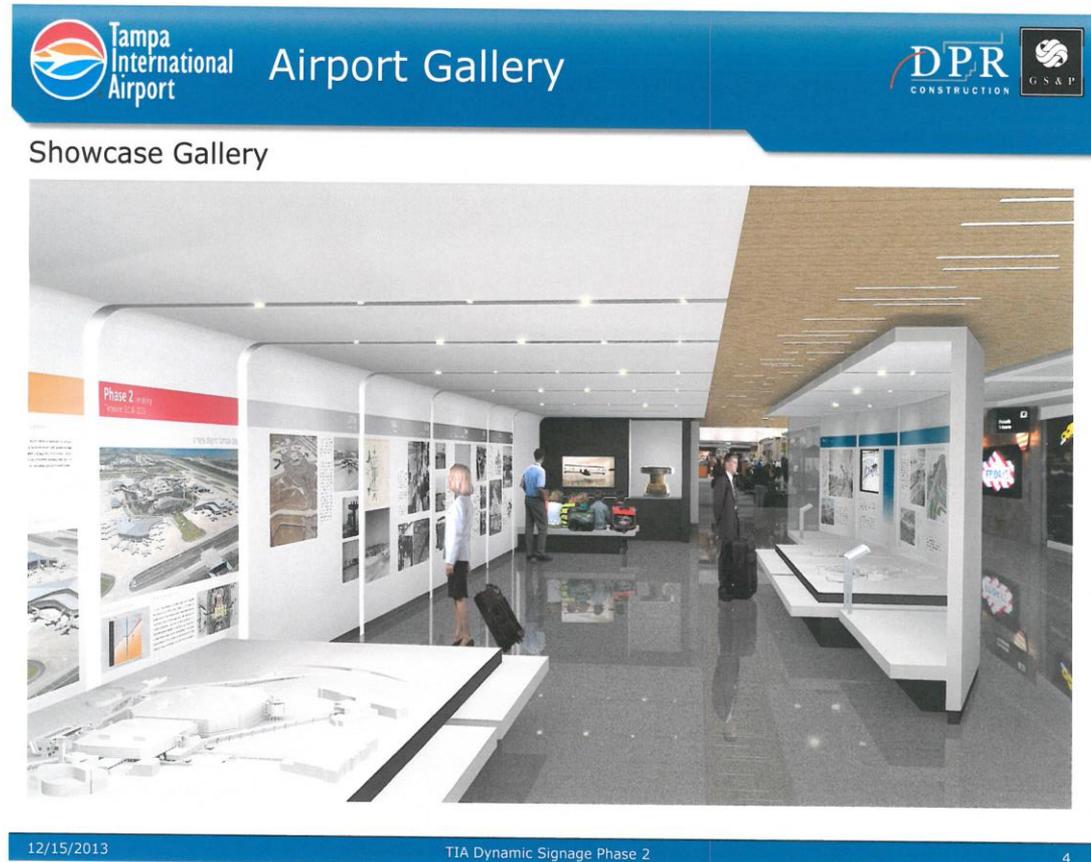


Agenda

- Introductions
- Construction Projects Update
- Q4 2013 Review
- Questions and Answers

Art Walk

- Scheduled to be completed by April 14, 2014.
- Located along the corridor headed towards the Marriott Hotel.



TPA Welcome Feature

- Completed in March 2014.
- An impressive structure at the entrance to the airport.



Construction Projects Update

- Runways 1L-19R, 10-28 and Associated Taxiways Joints and Slab Rehabilitation Project:
 - Runway 1L-19R was reopened on October 22, 2013 as scheduled.
 - Runway 10-28 was closed on Dec. 2nd thru 20th, 2013 and again on Jan. 6th thru 20th, 2014.
 - **Runway 1R-19L was closed on January 6, 2014 at 5:00 p.m.** and is scheduled to reopen on February 7, 2014 at 5:00 p.m.



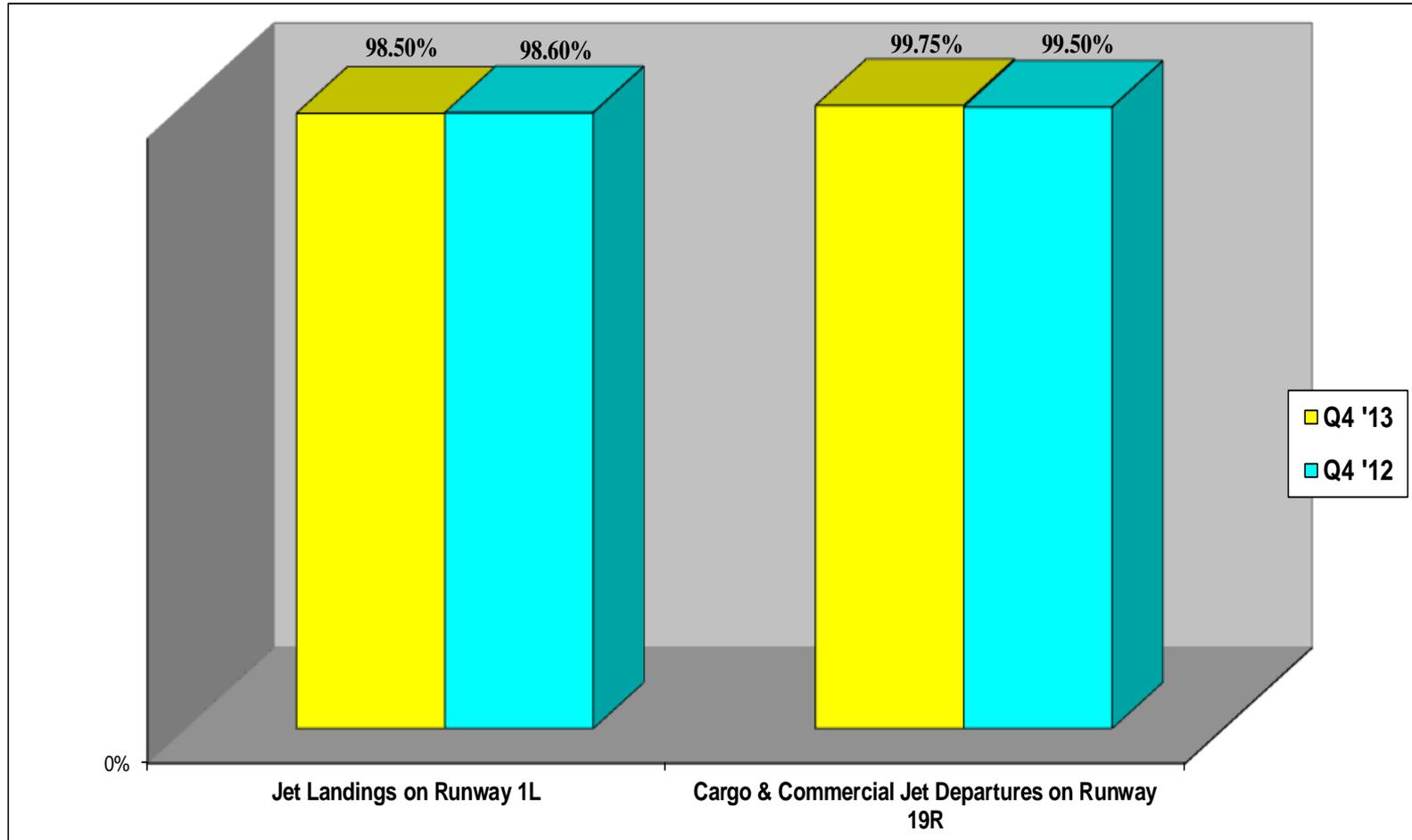
Construction Projects Update

Photos of Runway 1R-19L Construction



- **FAA Runway Sterilization Project:**
 - Work started on October 31, 2013 and concluded on December 16, 2013.
 - Nightly closure of Runway 1L-19R.

Compliance Rate of Voluntary Noise Program



Passenger Counts

Passenger Counts as reported by the Airlines

Month	Yr. 2013	Yr. 2012	% Change
January	1,336,499	1,293,833	3.30%
February	1,353,565	1,343,566	0.74%
March	1,796,113	1,707,774	5.17%
April	1,527,269	1,518,802	0.56%
May	1,451,170	1,411,971	2.78%
June	1,413,811	1,411,295	0.18%
July	1,433,644	1,465,573	-2.18%
August	1,338,118	1,370,543	-2.37%
September	1,104,004	1,136,359	-2.85%
October	1,318,842	1,334,482	-1.17%
November	1,324,972	1,395,411	-5.05%
December	1,522,086	1,431,250	6.35%
TOTAL	16,920,086	16,820,859	0.59%

Aircraft Operations

**Aircraft Operations as reported by TPA FAA
ATCT**

Month	Yr. 2013	Yr. 2012	% Change
January	15,726	15,807	-0.51%
February	14,836	15,647	-5.18%
March	18,309	18,011	1.65%
April	16,919	16,471	2.72%
May	15,691	15,922	-1.45%
June	14,908	15,364	-2.97%
July	15,293	15,870	-3.63%
August	14,967	15,293	-2.13%
September	13,368	13,737	-2.70%
October	14,806	14,642	1.12%
November	15,285	15,345	-0.39%
December	16,214	15,945	1.69%
TOTAL	186,322	188,054	-0.92%

Airfield Flow Patterns

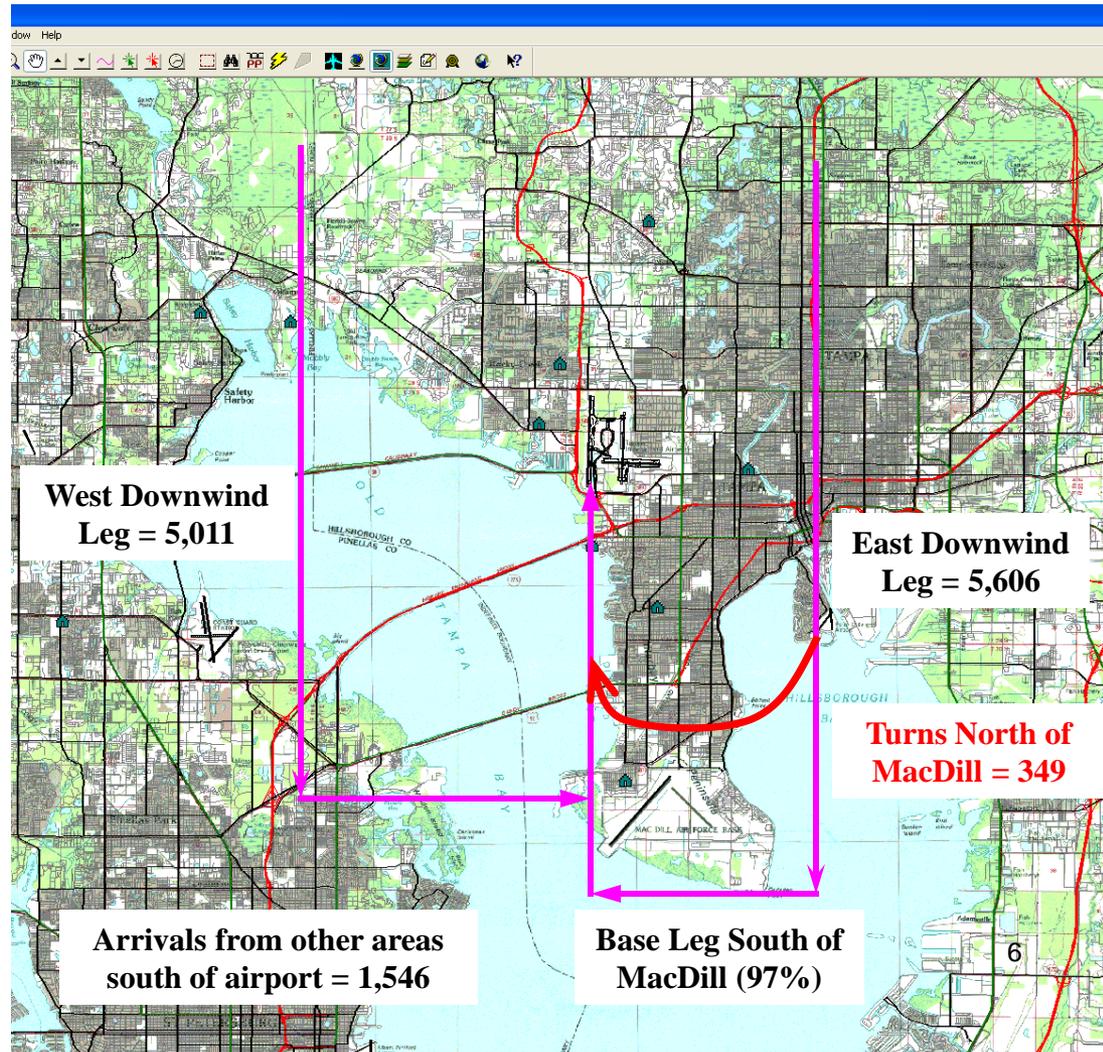
North Flow vs. South Flow								
	Year 2013		Year 2012		Year 2011		Year 2010	
Month	North Flow	South Flow						
January	52%	48%	50%	50%	51%	49%	69%	31%
February	48%	52%	48%	52%	47%	53%	76%	24%
March	60%	40%	48%	52%	45%	55%	64%	36%
April	40%	60%	55%	45%	40%	60%	58%	42%
May	52%	48%	40%	60%	51%	49%	35%	65%
June	16%	84%	36%	64%	52%	48%	32%	68%
July	29%	71%	29%	71%	26%	74%	59%	41%
August	37%	63%	26%	74%	44%	56%	33%	67%
September	52%	48%	57%	43%	51%	49%	64%	36%
October	66%	34%	75%	25%	75%	25%	72%	28%
November	86%	14%	84%	16%	65%	35%	65%	35%
December	52%	48%	72%	28%	63%	37%	70%	30%

Q4 '13 Jet Turns North of MacDill A.F.B.

- Commercial & Cargo = 262
- Corporate = 87
- Jet turns north of MacDill's Runway 4 represented approximately 2.8% of the total arrivals (12,512) during a north flow this quarter.
- High percentage due to the closure of Runway 1L-19R.

Jet Turns North of MacDill Quarterly History

Year	Q1	Q2	Q3	Q4
2013	1.9%	2.4%	3.0%	2.8%
2012	0.6%	0.7%	1.2%	2.1%
2011	1.4%	1.0%	1.3%	0.7%
2010	0.9%	1.0%	1.5%	1.0%
2009	1.5%	1.6%	2.3%	1.4%



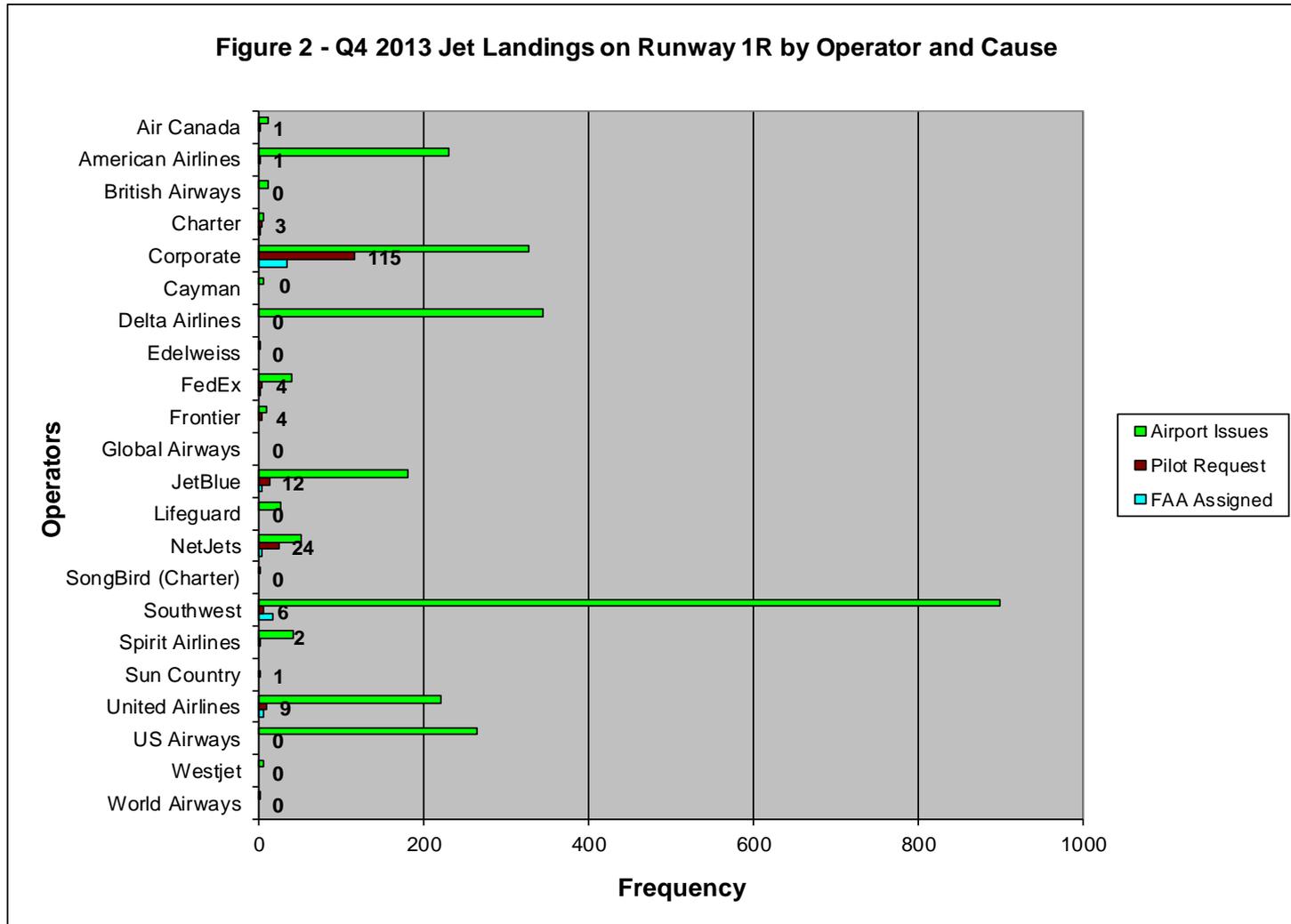
Q4 '13 Jet Arrivals on Runways 1R & 1L

Combined Jet Arrivals on Runways 1R & 1L	12,512	
October - December 31, 2013	1L	1R
Percentage of Arrivals	76.6%	23.4%
Percentage Breakdown of Landings on 1R:		
Airport Issues: Maintenance/Construction/Emergency/Wildlife/FOD (2650)	-	21.2%
ATCT Assigned:	-	0.5%
Commercial & Cargo = 0.2% (26)		
Corporate = 0.3% (39)		
Pilot Request:	-	1.5%
Commercial = 0.3% (40)		
Corporate = 1.13% (142)		
Exempt - Lifeguard (27); Law enforcement (0)	-	0.22%
Number of Landings	9,588	2,924

Comparison to CY Q4 '12

- Jet landings on Runways 1R & 1L combined, decreased by 1,034 from 13,546.
- Commercial and Cargo jet pilot requested landings on Runway 1R increased from 18 to 40 and Corporate requested landings decreased by 24 to 142.
- FAA assigned landings decreased by **12** from 77 to 65.
- Overall, jet landings on Runway 1R decreased by **two**.

Q4 '13 Jet Landings on Runway 1R



Jet Landings on Runway 1R

Quarterly Calendar Year Percentages of Jet Landings on Runway 1R (36R)

Year	Q1	Q2	Q3	Q4
2013	3.1%	4.1%	***13.8%	*** 23.4%
2012	3.2%	4.3%	3.3%	**6.0%
2011	*19.13%	3.2%	3.3%	2.9%
2010	2.3%	1.3%	2.6%	1.7%
2009	3.5%	3.8%	4.9%	4.4%

*Runway 1L-19R was closed for eleven (11) days for Runway Designation Project.

**Runway 1L-19R was closed to landings for several days due to the Airfield Drainage Project.

***Runway 1L-19R was closed on Sept. 23, 2013 for Construction and reopened on Oct. 22, 2013

Q4 '13 Jet Departures on Runway 19L

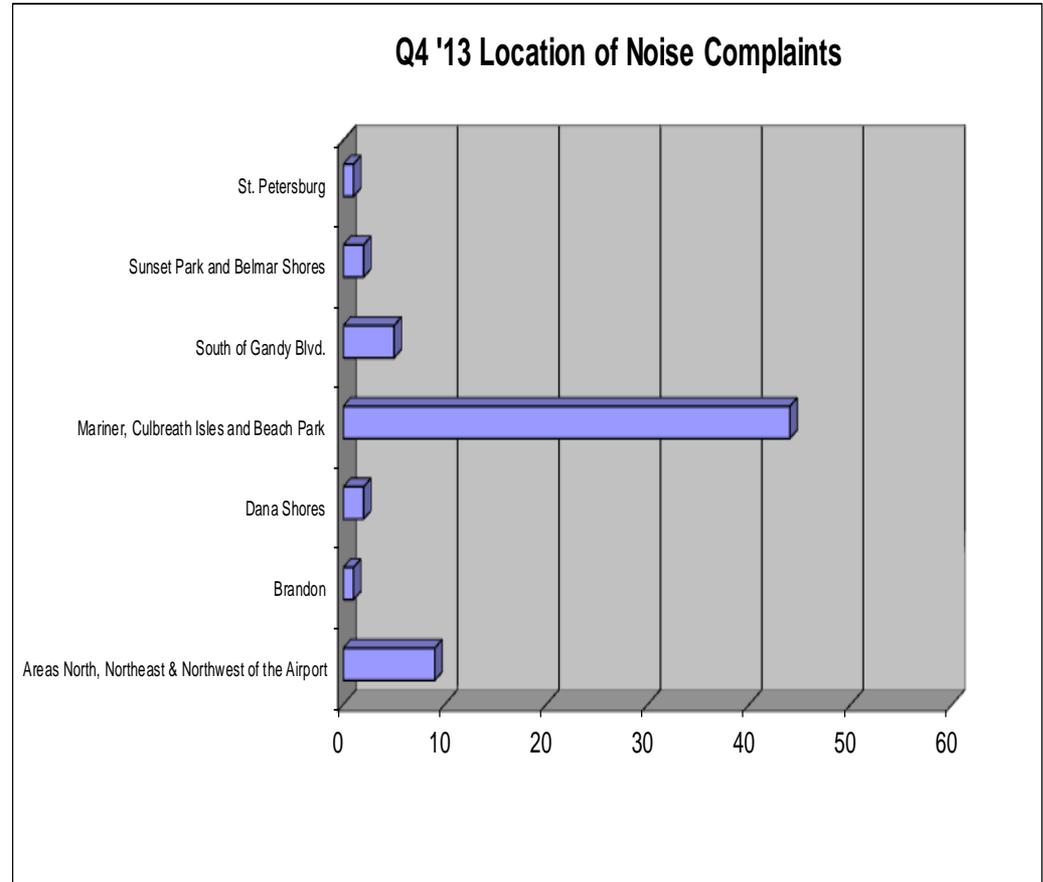
Combined Jet Departures on Runways 19L & 19R	6,023	
October - December 2013	19R	19L
Percentage of Departures	62.5%	37.5%
Commercial & Cargo Percentage Breakdown of Departures on 19L:		
Airport Issues: Maintenance/Weather/Emergency/Wildlife/FOD (1787)		29.67%
FAA Assigned - traffic (2)		0.03%
Pilot Request (15)		0.25%
Charter (2)		0.03%
Corporate (453)		7.5%
Number of Departures	3,766	2,257

Comparison to CY Q4 '12:

- FAA assigned departures increased by **one**.
- Pilot requested departures increased by **10** from 5 to 15.
- Airport Issues assigned departures increased by **1,351** from 436 to 1,787 due to the closure of Runway 1L-19R for 30 days.

Q4 '13 Noise Complaints

- **Total of 64 noise complaints from 23 individual households**
 - Nine fewer complaints than the previous quarter.
 - 46 fewer complaints from the same quarter a year ago.
- **Seven repeat callers accounted for 48 or 75% of the total complaints.**
- **Frequent types of noise complaints:**
 - 75% - Jet Landings on Runway 1R
 - 9% - Off Course
 - 8% - Loud
- **Geographical location of majority of noise complaints:**
 - ➔ Beach Park – 44
 - ➔ Areas N, NE and NW of Airport – 9
 - ➔ South of Gandy Blvd - 5
 - ➔ Sunset Park & Belmar Shores – 2
 - ➔ Dana Shores – 2



Reminder - Scheduled Runway Closures for FAA

**1st Wednesday of every month – Runway 1L-19R
Closed between 6:30 a.m. – 8:30 a.m.**

**3rd Wednesday of every month – Runway 1R-19L
Closed between 6:30 a.m. – 8:30 a.m.**

Questions & Answer Forum

Next Meeting

Thursday, April 24, 2014 at 5:30 p.m.

Aviation Authority Board Room

