Third Quarter 2013

Community Noise Consortium Meeting
Thursday, October 24, 2013

Agenda

- Introductions

- Construction Projects Update

- Q3 2013 Review

- Questions and Answers

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.
  - Runways 10-28 is scheduled to close on December 2, 2013 and will reopen on December 25, 2013.
  - **Runway 1R-19L is scheduled to be closed for 30 days starting January 2, 2014**. All traffic will be assigned Runway 1L-19R for takeoffs and landings.

- FAA Runway Sterilization Project: <u>On Hold due to the Government Shutdown</u>
  - Relocates FAA navigational equipment currently located inside Runway 1L-19R safety area will cause Runway 1L-19R to be closed **<u>nightly</u>** between the hours of **1:00 a.m. until 8:00 a.m.**

Compliance Rate of Voluntary Noise Program
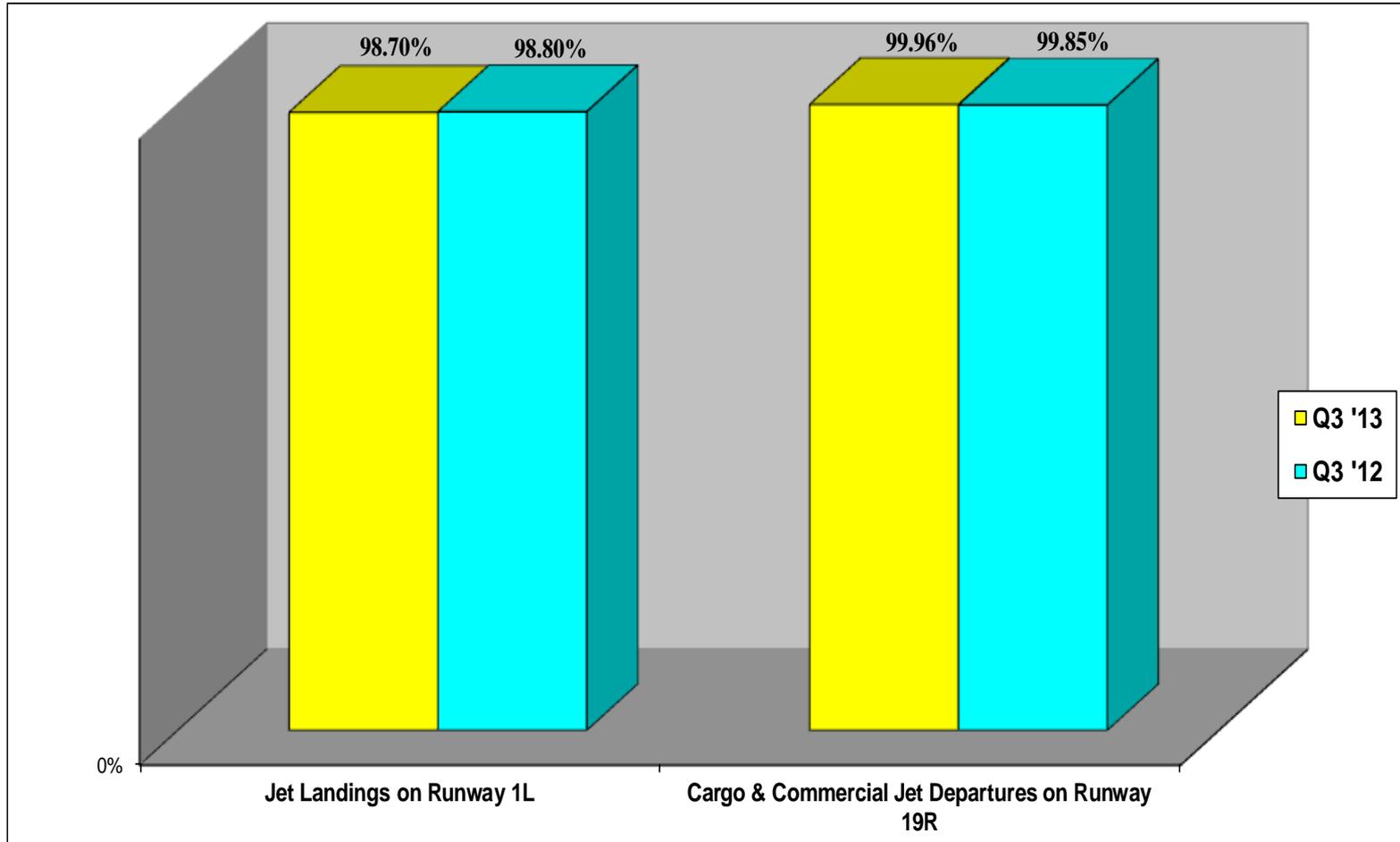
Passenger Counts

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%**
TOTAL	**12,754,186**	**12,659,716**	**0.75**

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%
TOTAL	**140,017**	**142,122**	**-1.48%**

Airfield Flow Patterns

| | North Flow vs. South Flow | | | | North Flow vs. South Flow | | | |
| Month | Year 2013 | | Year 2012 | | Year 2011 | | Year 2010 | |
	North Flow	South Flow	North Flow	South Flow	North Flow	South Flow	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			75%	25%	75%	25%	72%	28%
November			84%	16%	65%	35%	65%	35%
December			72%	28%	63%	37%	70%	30%

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Q3 '13 Jet Turns North of MacDill A.F.B.

- Commercial & Cargo = 153

- Corporate = 48

- Jet turns north of MacDill's Runway 4 represented 3% of the total arrivals (6,744) during a north flow this quarter.

- The percentage was high 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%**	
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%

West Downwind Leg = 2,592

East Downwind Leg = 2,694

Turns North of MacDill = 201

Arrivals from other areas south of airport = 1,458

Base Leg South of MacDill (97%)
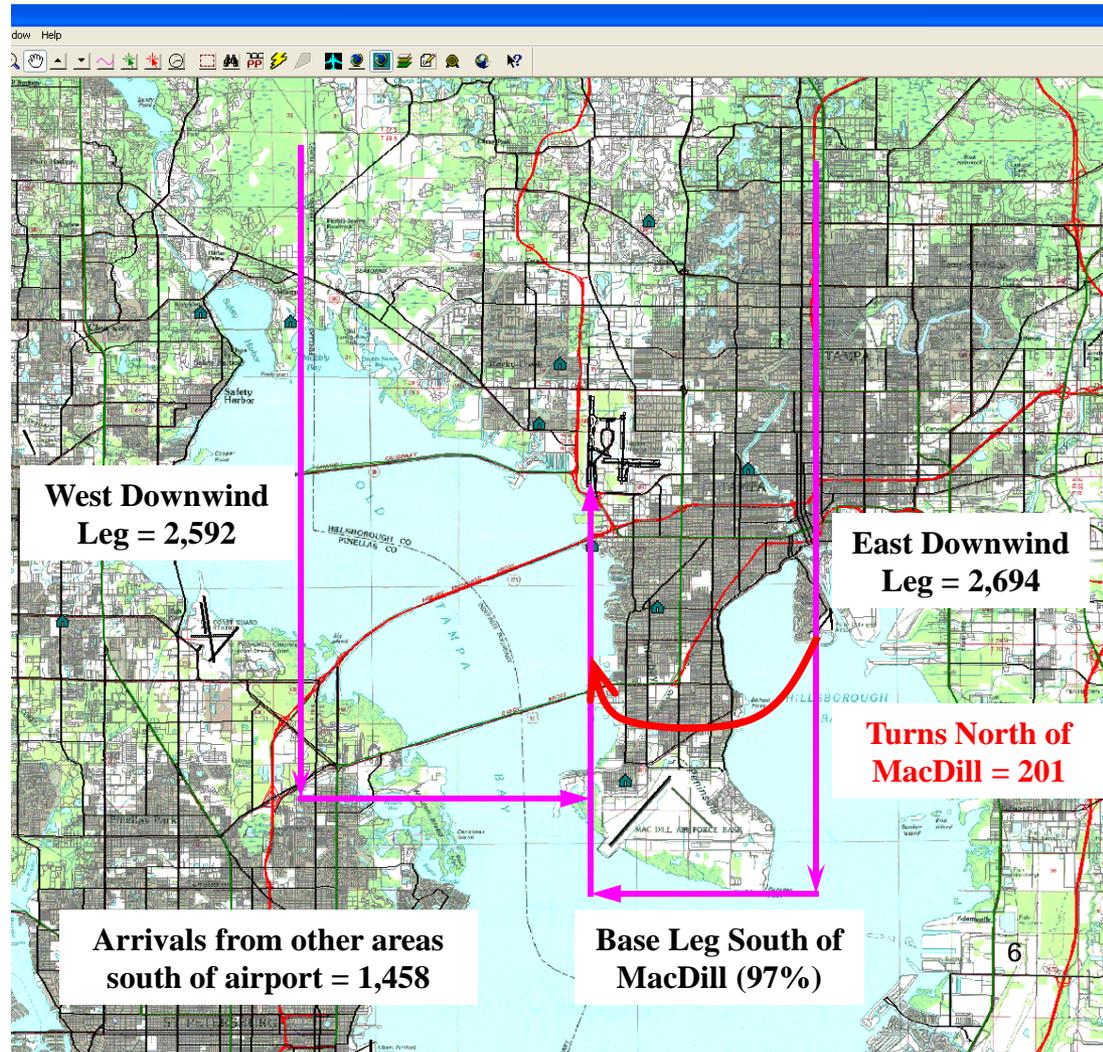
Q3 '13 Jet Arrivals on Runways 1R & 1L

Combined Jet Arrivals on Runways 1R & 1L	6,744	
July - Sept 2013	1L	1R
Percentage of Arrivals	86.2%	13.8%
Percentage Breakdown of Landings on 1R:		
Airport Issues: Maintenance/Construction/Emergency/Wildlife/FOD (824)	-	12.2%
ATCT Assigned:	-	0.1%
Commercial & Cargo = 0.06% (4)		
Corporate = 0.06% (4)		
Pilot Request:	-	1.3%
Commercial = 0.2% (15)		
Corporate = 1.1% (72)		
Exempt - Lifeguard (12); Law enforcement (0)	-	0.18%
Number of Landings	**5,813**	**931**

Comparison to CY Q3 '12

→ Jet landings on Runways 1R & 1L combined, increased by 170 to 6,744.

→ Pilots requested landings increased by seven from 80 to 87. The increase is almost equally divided between the two operators, corporate and airlines and cargo pilots.

→ FAA assigned landings decreased by 75% or from 33 to 8.

→ Overall, jet landings on Runway 1R increased by 716 due to Runway 1L-19R closure.

Q3 '13 Jet Landings on Runway 1R

Figure 1 - Q3 2013 Jet Landings on Runway 1R by Operator and Cause
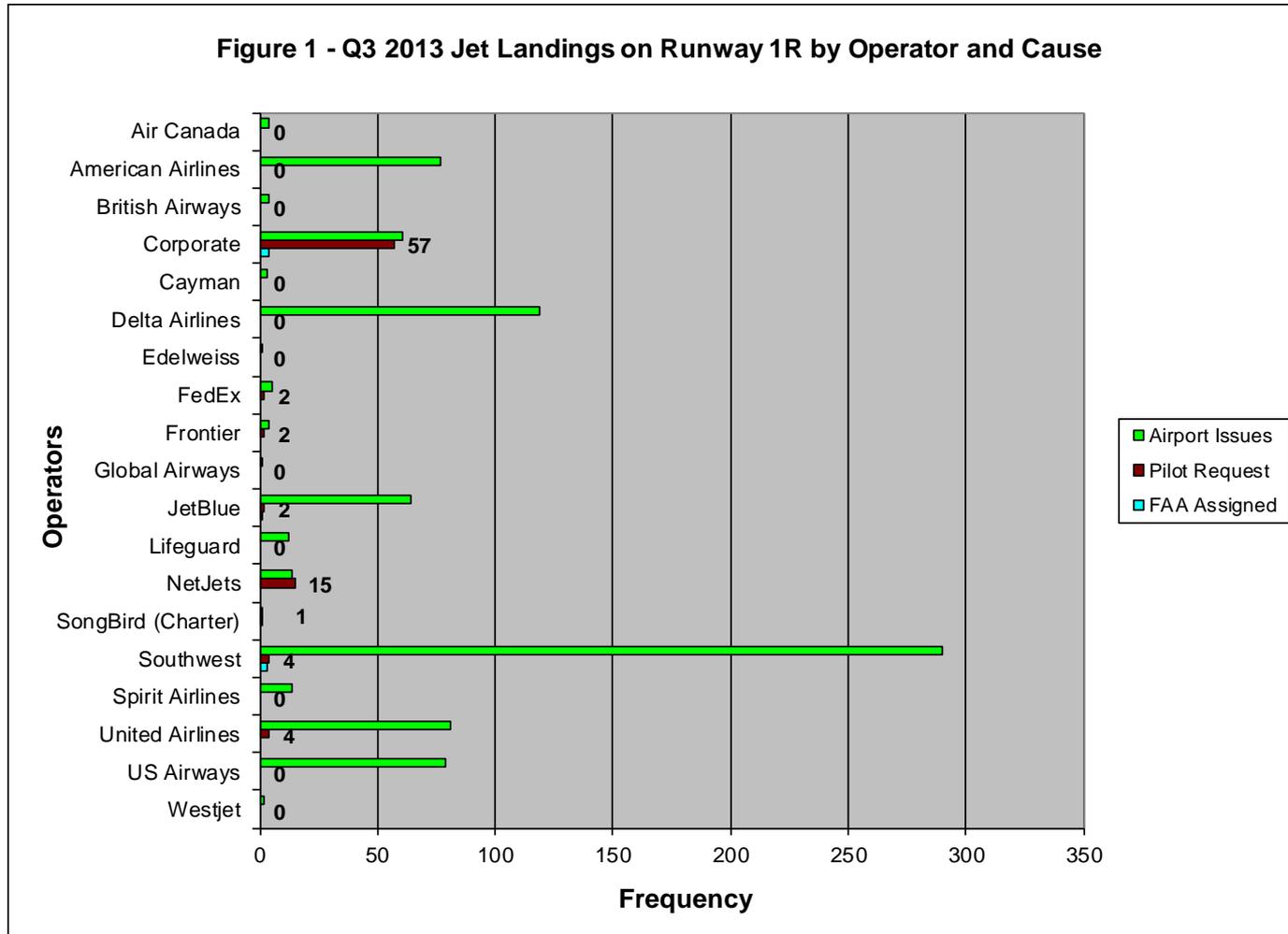
Jet Landings on Runway 1R

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

Year	Q1	Q2	Q3	Q4
2013	3.1%	4.1%	***13.8%	
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 September 23, 2013 for Construction.

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Q3 '13 Jet Departures on Runway 19L

| Combined Jet Departures on Runways 19L & 19R	10,868	
July - Sept 2013	19R	19L
Percentage of Departures	86.0%	14.0%
Commercial & Cargo Percentage Breakdown of Departures on 19L:		
Airport Issues: Maintenance/Weather/Emergency/Wildlife/FOD (703)		6.47%
FAA Assigned - traffic (0)		0.00%
Pilot Request (4)		0.04%
Charter (0)		0.00%
Corporate (818)		7.5%
Number of Departures	9,343	1,525

Comparison to Q3 '12:

→ FAA assigned departures decreased by 100%.

→ Pilot requested departures decreased by 78% or 14.

→ Airport Issues assigned departures increased from 249 to 703 due to the closure of Runway 1L-19R for construction.

Q3 '13 Noise Complaints

- **Total of 42 noise complaints from 15 individual households**
  - ➢ 8 fewer complaints than the previous quarter.
  - ➢ 31 fewer complaints from the same quarter a year ago.

- **Six repeat callers accounted for 33 or 79% of the total complaints.**

- **Frequent types of noise complaints:**
  - ➢ 74% - Jet Landings on Runway 1R
  - ➢ 14% - Loud
  - ➢ 5% - Low

- **Geographical location of majority of noise complaints:**
  - ✦ Beach Park – 28
  - ✦ Sunset Park & Belmar Shores – 8
  - ✦ Dana Shores – 4

Q3 '13 Location of Noise Complaints
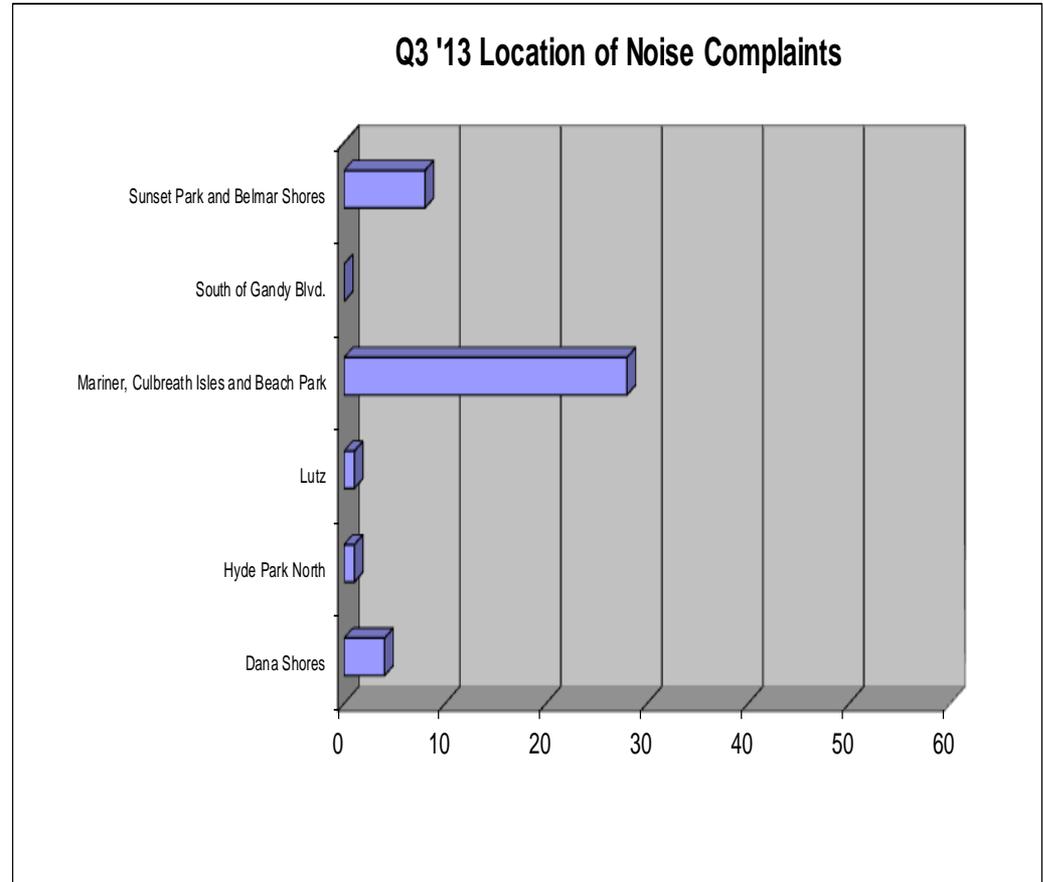
Reminder - Scheduled Runway Closures for FAA

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, January 30, 2014 at 5:30 p.m.

Aviation Authority Board Room