

# Third Quarter 2014

## Community Noise Consortium Meeting

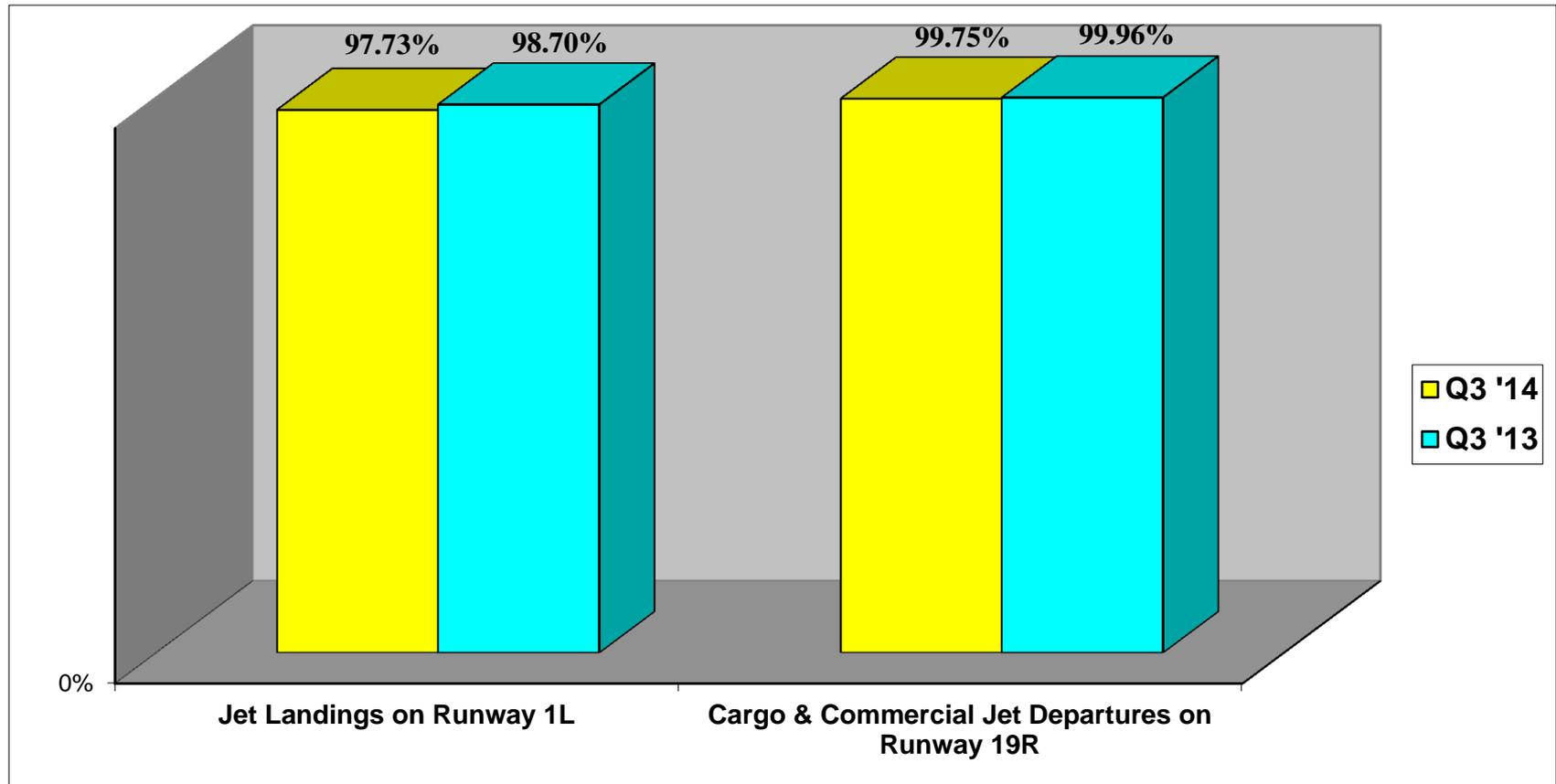
### Thursday, October 23, 2014



# Agenda

- Introductions
- Airport Master Plan Update
- Q3 2014 Review
- Questions and Answers

# Compliance Rate of Voluntary Noise Program



# Passenger Counts

**Passenger Counts as reported by the Airlines**

<b>Month</b>	<b>Yr. 2013</b>	<b>Yr. 2014</b>	<b>% Change</b>
January	1,336,499	1,364,906	2.13%
February	1,353,565	1,352,995	-0.04%
March	1,796,113	1,817,448	1.19%
April	1,527,269	1,632,296	6.88%
May	1,451,163	1,503,807	3.63%
June	1,413,811	1,441,986	1.99%
<b>July</b>	<b>1,433,644</b>	<b>1,498,559</b>	<b>4.53%</b>
<b>August</b>	<b>1,338,118</b>	<b>1,381,534</b>	<b>3.24%</b>
<b>September</b>	<b>1,104,004</b>	<b>1,165,999</b>	<b>5.62%</b>
<b>TOTAL</b>	<b>12,754,193</b>	<b>13,159,111</b>	<b>3.17%</b>

# Aircraft Operations

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

<b>Month</b>	<b>Yr. 2013</b>	<b>Yr. 2014</b>	<b>% Change</b>
January	15,726	15,439	-1.83%
February	14,836	14,590	-1.66%
March	18,309	18,149	-0.87%
April	16,919	16,922	0.02%
May	15,691	15,722	0.20%
June	14,908	14,437	-3.16%
<b>July</b>	<b>15,293</b>	<b>14,852</b>	<b>-2.88%</b>
<b>August</b>	<b>14,967</b>	<b>14,195</b>	<b>-5.15%</b>
<b>September</b>	<b>13,368</b>	<b>13,263</b>	<b>-0.78%</b>
<b>TOTAL</b>	<b>140,017</b>	<b>137,569</b>	<b>-1.75%</b>

# Airfield Flow Patterns

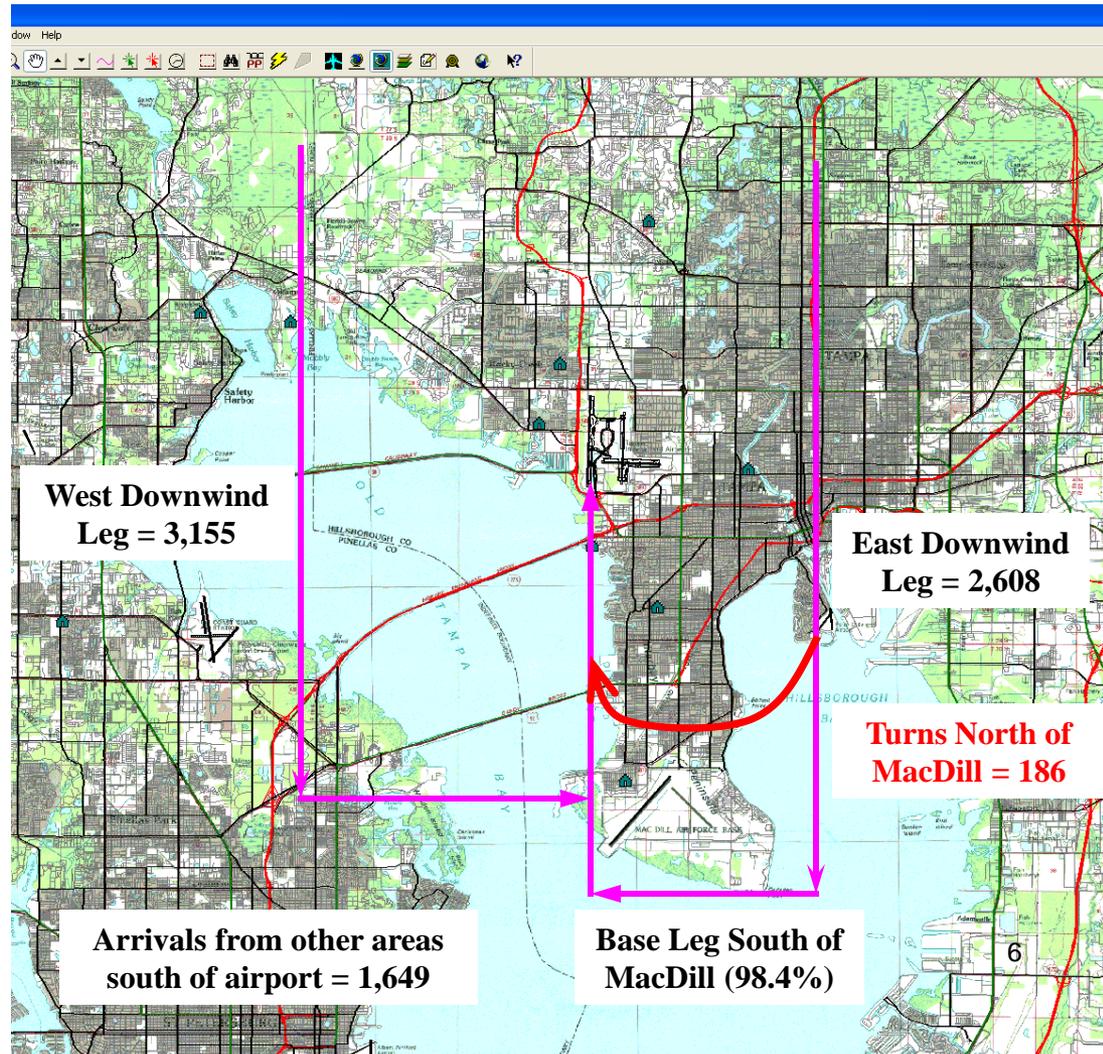
<b>North Flow vs. South Flow</b>								
	<b>Year 2014</b>		<b>Year 2013</b>		<b>Year 2012</b>		<b>Year 2011</b>	
<b>Month</b>	<b>North Flow</b>	<b>South Flow</b>						
January	65%	35%	52%	48%	50%	50%	51%	49%
February	49%	51%	48%	52%	48%	52%	47%	53%
March	50%	50%	60%	40%	48%	52%	45%	55%
April	40%	60%	40%	60%	55%	45%	40%	60%
May	48%	52%	52%	48%	40%	60%	51%	49%
June	44%	56%	16%	84%	36%	64%	52%	48%
<b>July</b>	<b>30%</b>	<b>70%</b>	29%	71%	29%	71%	26%	74%
<b>August</b>	<b>50%</b>	<b>50%</b>	37%	63%	26%	74%	44%	56%
<b>September</b>	<b>44%</b>	<b>56%</b>	52%	48%	57%	43%	51%	49%
October			66%	34%	75%	25%	75%	25%
November			86%	14%	84%	16%	65%	35%
December			52%	48%	72%	28%	63%	37%

# Q3 '14 Jet Turns North of MacDill A.F.B.

- Commercial & Cargo = 148
- Corporate = 38
- Jet turns north of MacDill's Runway 4 represented approximately 2.5% of the total arrivals (7,412) during a north flow this quarter.

**Jet Turns North of MacDill  
Quarterly History**

Year	Q1	Q2	Q3	Q4
2014	1.6%	1.6%	2.5%	
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%



# Q3 '14 Jet Arrivals on Runways 1R & 1L

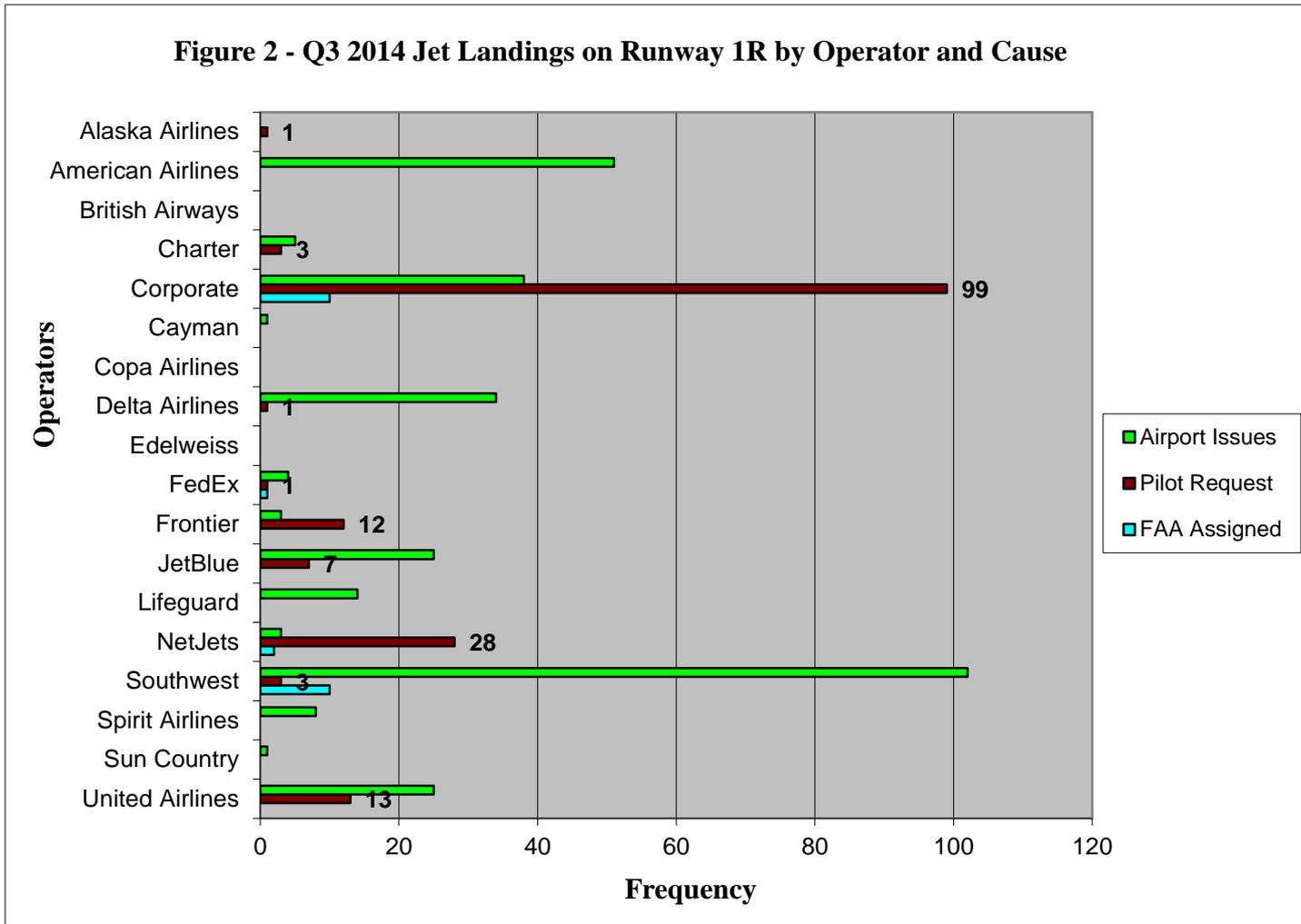
Combined Jet Arrivals on Runways 1R & 1L July - September 30, 2014	7,412	
	1L	1R
Percentage of Arrivals	93.2%	6.8%
<b>Percentage Breakdown of Landings on 1R:</b>		
Airport Issues: Maintenance/Construction/Emergency/Wildlife/FOD (300)	-	4.0%
ATCT Assigned:	-	0.3%
Commercial & Cargo = 0.14% (11)		
Corporate = 0.16% (12)		
Pilot Request:	-	2.3%
Commercial = 0.51% (38)		
Corporate = 1.75% (130)		
<b>Exempt - Lifeguard (14); Law enforcement (0)</b>	-	0.19%
<b>Number of Landings</b>	<b>6,907</b>	<b>505</b>

## Comparison to CY Q3 '13

- Jet landings on Runways 1R & 1L combined, increased by 668 from 6,744 to 7,412.
- Commercial and Cargo jet pilot requested landings on Runway 1R increased by 13 from 15 to 38. Corporate pilots requested landings saw the largest margin of increase by 58 from 72.
- FAA assigned landings increased by 15 from 8 to 23.
- Overall, jet landings on Runway 1R decreased by 426. During Q3 '13, Runway 1L-19R was closed for 11 days for the Runway Designation Project.

# Q2 '14 Jet Landings on Runway 1R

Figure 2 - Q3 2014 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
<b>2014</b>	****8.0%	4.6%	<b>2.5%</b>	
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.

\*\*\*\*Runway 1L-19R was closed daily from 7 am to 7 pm from March 3, to March 14, 2014.

# Q2 '14 Jet Departures on Runway 19L

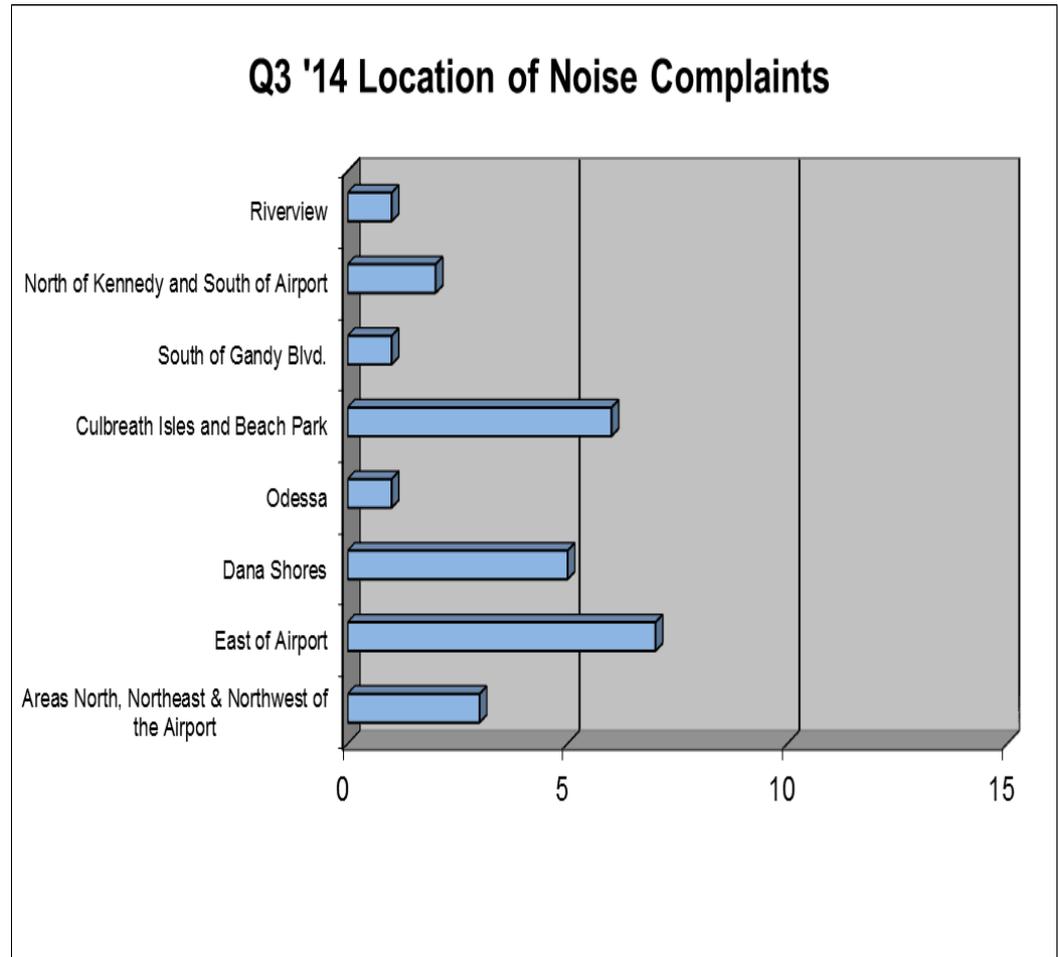
Combined Jet Departures on Runways 19L & 19R July - September 30, 2014	10,630	
	19R	19L
Percentage of Departures	90.9%	9.1%
<b>Commercial &amp; Cargo Percentage Breakdown of Departures on 19L:</b>		
Airport Issues: Maintenance/Weather/Emergency/Wildlife/FOD (152)		1.43%
FAA Assigned - traffic (4)		0.04%
Pilot Request (27)		0.25%
Charter (2)		0.02%
Corporate (785)		7.4%
<b>Number of Departures</b>	<b>9,660</b>	<b>970</b>

## Comparison to CY Q3 '13:

- FAA assigned departures increased by **4**
- Pilot requested departures decreased by **23**.
- Airport Issues assigned departures decreased by **551** or from 703 to 152.

## Q3 '14 Noise Complaints

- **Total of 26 noise complaints from 13 individual households**
  - 16 more complaints compared to the same quarter a year ago.
  - 47 fewer complaints compared to the same quarter in 2012.
- **Five repeat callers accounted for 23 or 88% of the total complaints.**
- **Frequent types of noise complaints:**
  - 61% - Loud
  - 19% - Jet Landings on Runway 1R
  - 8% - Low
- **Geographical location of majority of noise complaints:**
  - ➔ East of Airport – 7
  - ➔ Beach Park & Culbreath Isles – 6
  - ➔ Dana Shores – 5
  - ➔ Areas north of Airport – 3



# Reminder - Scheduled Runway Closures for FAA

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

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

# Questions & Answer Forum

## Next Meeting

**Thursday, January 22, 2015 at 5:30 p.m.**

**Aviation Authority Board Room**

