

# Fourth Quarter 2014

## Community Noise Consortium Meeting

### Thursday, January 22, 2015



# Agenda

- Introductions
- Update on Construction Projects – Taxiway Juliet Bridge
  - Changes to voluntary preferential runway use program for jet arrivals during a North Flow
- Q4 2014 Review
- Questions and Answers

This Public Meeting is being audio recorded

# Taxiway Juliet Bridge Construction Project

This is the south cross-field taxiway for aircraft to transition between the west and east side of the airfield.

These operational changes improve **safety**.

Operational changes for 19 months:

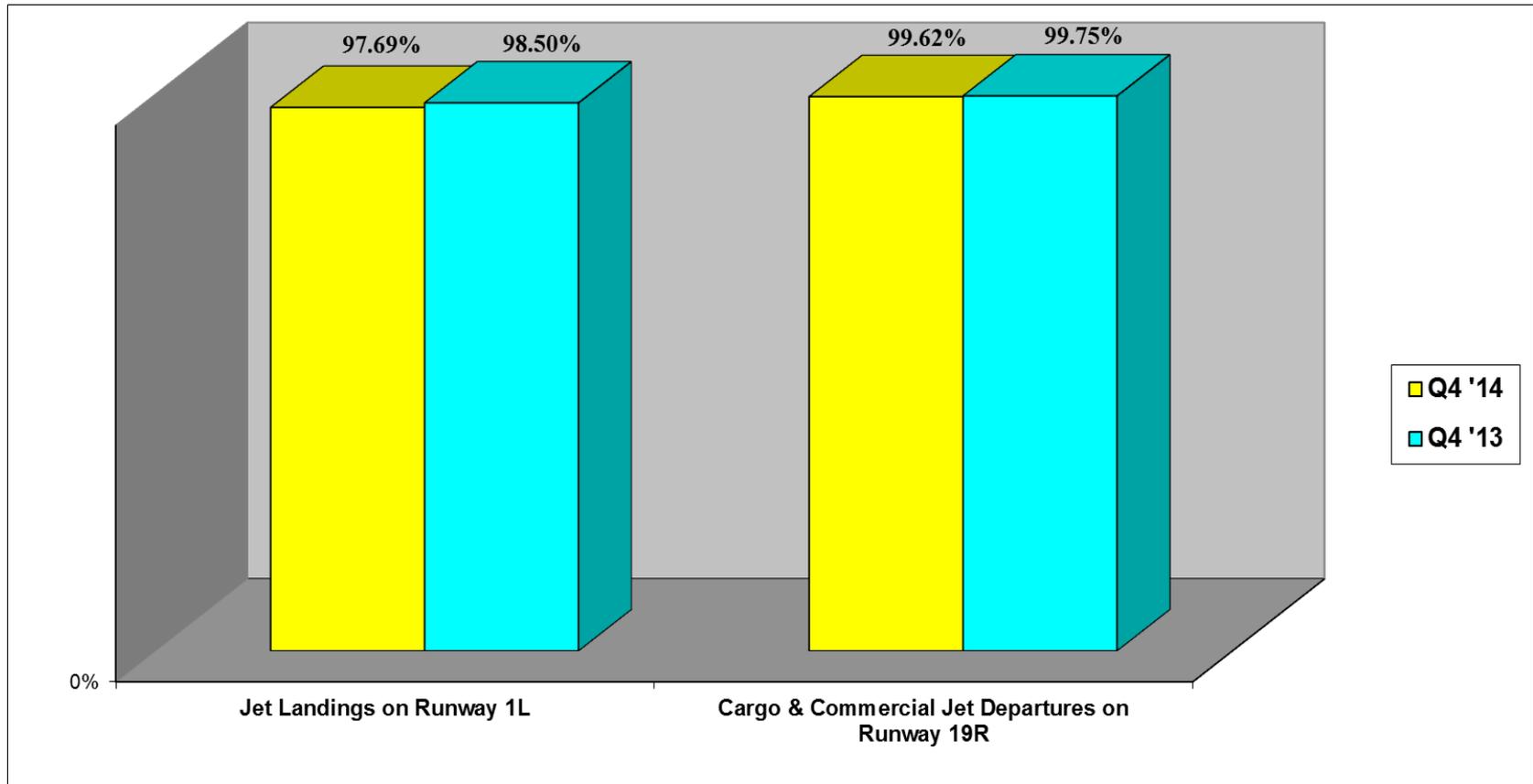
- **Airside A commercial jet operators between 10:00 am and 6:00 pm may be assigned by FAA to land on Runway 1R.**
- **All corporate jets will be assigned Runway 1R to land.**



# Taxiway Juliet Bridge Completion



# Compliance Rate of Voluntary Noise Program



# Passenger Counts

**Passenger Counts as reported by the Airlines**

Month	Yr. 2013	Yr. 2014	% Change
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%
July	1,433,644	1,498,559	4.53%
August	1,338,118	1,381,534	3.24%
September	1,104,004	1,165,999	5.62%
October	1,318,842	1,382,311	4.81%
November	1,324,972	1,430,139	7.94%
December	1,522,086	1,580,727	9.65%
<b>TOTAL</b>	<b>16,920,086</b>	<b>17,552,707</b>	<b>3.74%</b>

# Aircraft Operations

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

Month	Yr. 2013	Yr. 2014	% Change
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%
July	15,293	14,852	-2.88%
August	14,967	14,195	-5.15%
September	13,368	13,263	-0.78%
October	14,806	14,578	-1.53%
November	15,285	15,454	1.1%
December	16,214	16,386	1.06%
<b>TOTAL</b>	<b>186,322</b>	<b>183,987</b>	<b>-1.25%</b>

# Airfield Flow Patterns

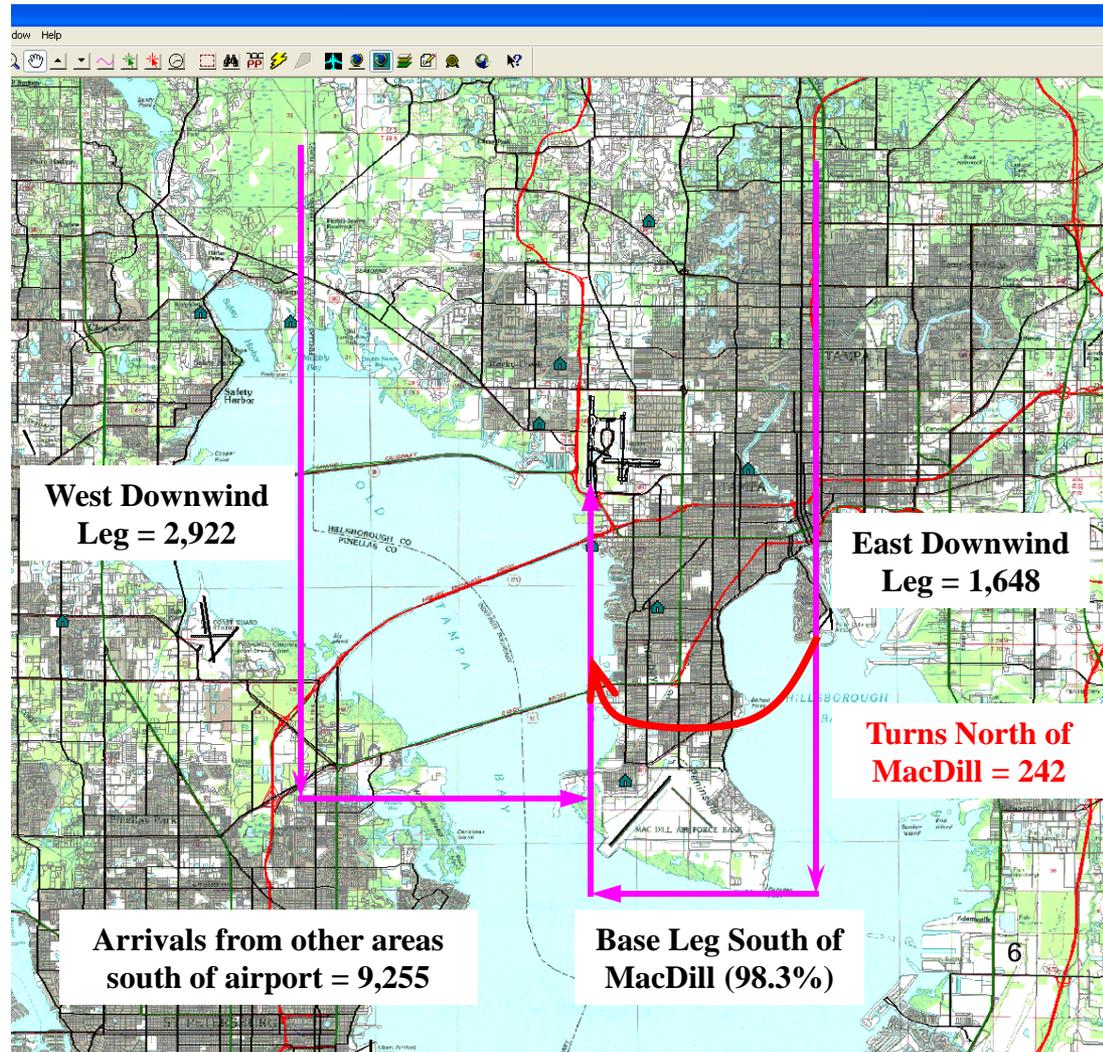
<b>North Flow vs. South Flow</b>								
	<b>Year 2014</b>		<b>Year 2013</b>		<b>Year 2012</b>		<b>Year 2011</b>	
<b>Month</b>	<b>North Flow</b>	<b>South Flow</b>						
January	65%	35%	52%	48%	50%	50%	51%	49%
February	49%	51%	48%	52%	48%	52%	47%	53%
March	50%	50%	60%	40%	48%	52%	45%	55%
April	40%	60%	40%	60%	55%	45%	40%	60%
May	48%	52%	52%	48%	40%	60%	51%	49%
June	44%	56%	16%	84%	36%	64%	52%	48%
July	30%	70%	29%	71%	29%	71%	26%	74%
August	50%	50%	37%	63%	26%	74%	44%	56%
September	44%	56%	52%	48%	57%	43%	51%	49%
<b>October</b>	<b>62%</b>	<b>38%</b>	66%	34%	75%	25%	75%	25%
<b>November</b>	<b>79%</b>	<b>21%</b>	86%	14%	84%	16%	65%	35%
<b>December</b>	<b>70%</b>	<b>30%</b>	52%	48%	72%	28%	63%	37%

# Q4 '14 Jet Turns North of MacDill A.F.B.

- Commercial & Cargo = 242
- Corporate = 87
- Jet turns north of MacDill's Runway 4 represented approximately 1.7% of the total arrivals (13,834) 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%	1.7%
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%



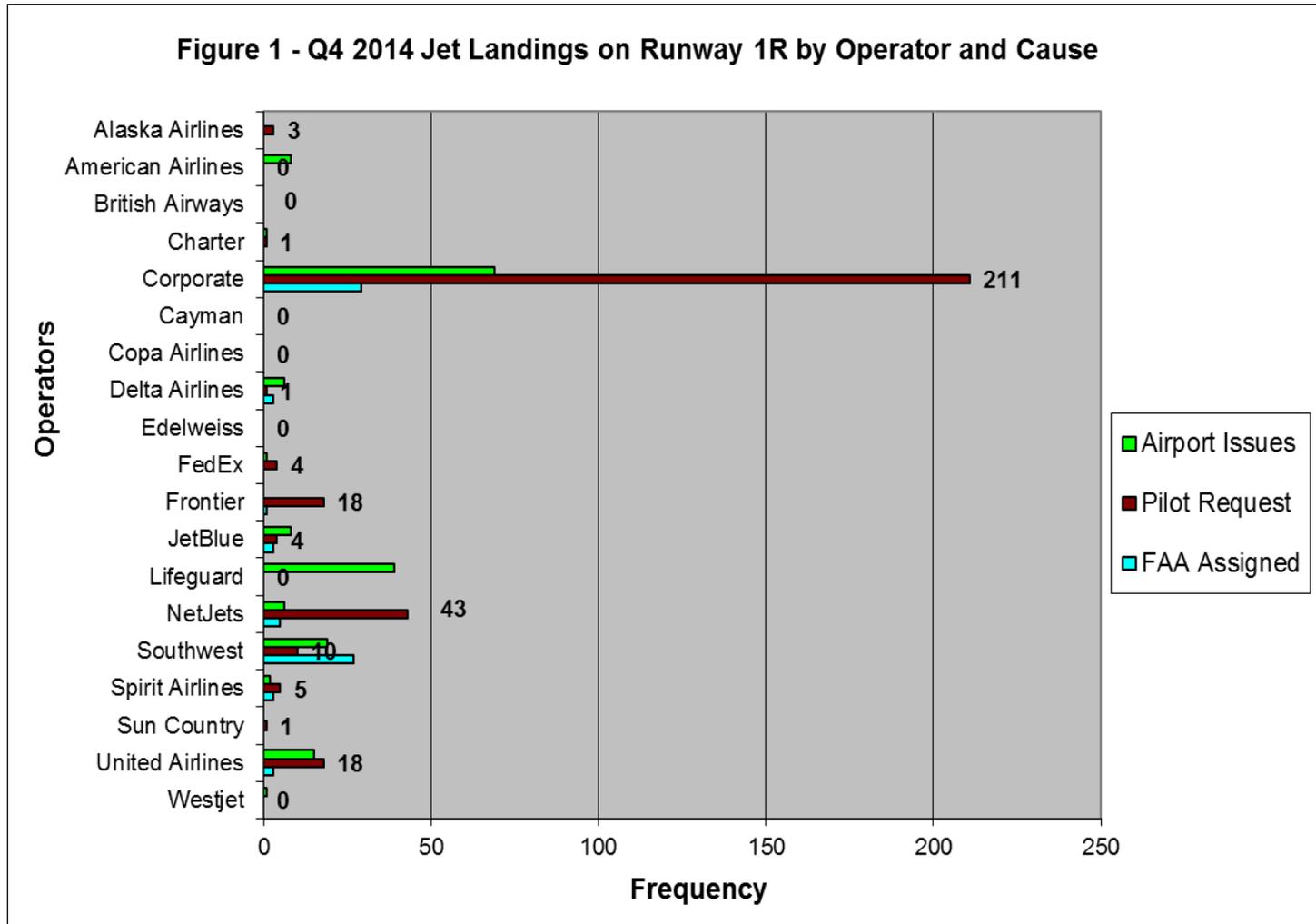
# Q4 '14 Jet Arrivals on Runways 1R & 1L

Combined Jet Arrivals on Runways 1R & 1L October - December 31, 2014	13,834	
	1L	1R
Percentage of Arrivals	95.8%	4.1%
<b>Percentage Breakdown of Landings on 1R:</b>		
Airport Issues: Maintenance/Construction/Emergency/Wildlife/FOD (136)	-	1.0%
ATCT Assigned:	-	0.5%
Commercial & Cargo = 0.28% (40)		
Corporate = 0.24% (34)		
Pilot Request:	-	2.3%
Commercial = 0.46% (64)		
Corporate = 1.84% (255)		
<b>Exempt - Lifeguard (39); Law enforcement (0)</b>	-	0.28%
<b>Number of Landings</b>	<b>13,257</b>	<b>568</b>

## Comparison to CY Q4 '13

- ➔ Jet landings on Runways 1R & 1L combined increased by 1,322 from 12,512.
- ➔ Commercial and Cargo jet pilots requested landings on Runway 1R increased by 24 from 40. Corporate jet pilots requested increased by 113 from 142.
- ➔ FAA assigned landings increased by nine (9) from 65 to 74.
- ➔ Overall, jet landings on Runway 1R decreased by 2,356. During Q3 '14 Runway 1L-19R was closed for approximately 30 days for construction.

# Q4 '14 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
<b>2014</b>	****8.0%	4.6%	2.5%	<b>4.1%</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.

# Q4 '14 Jet Departures on Runway 19L

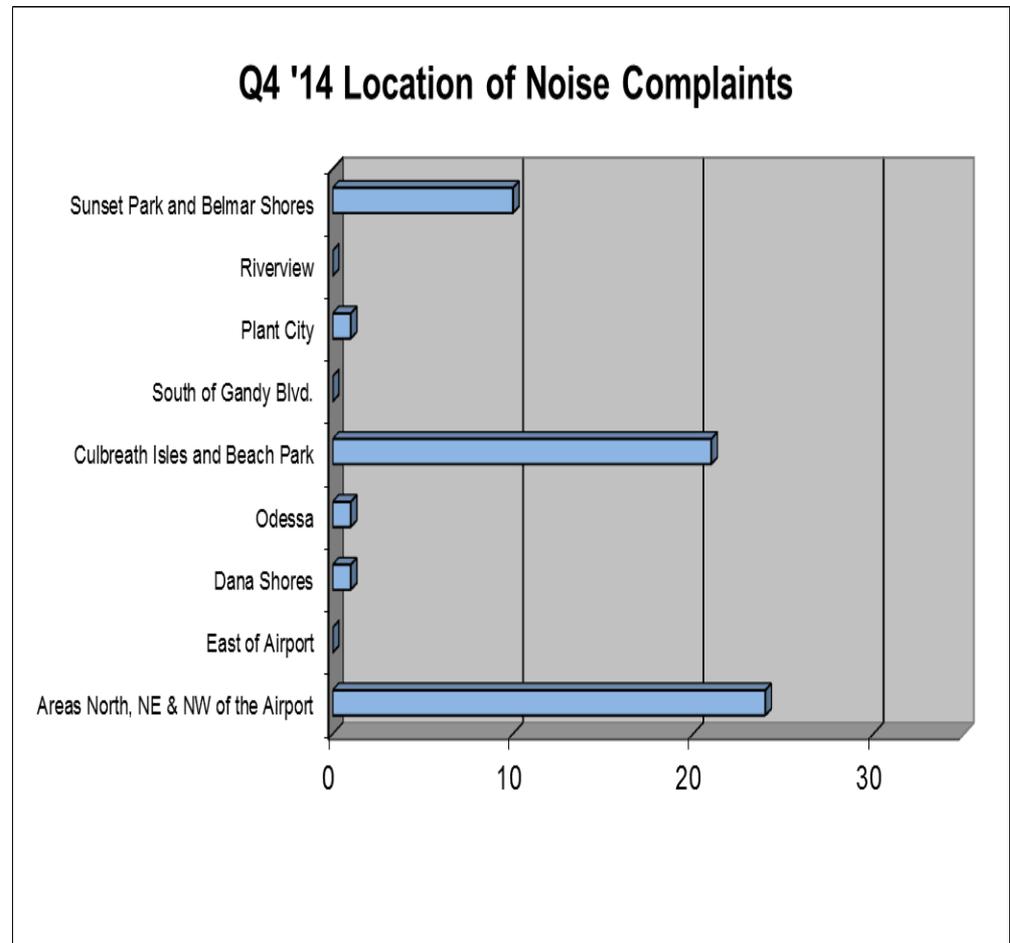
<b>Combined Jet Departures on Runways 19L &amp; 19R October - December 31, 2014</b>	<b>5,772</b>	
	<b>19R</b>	<b>19L</b>
Percentage of Departures	90.5%	9.5%
<b>Commercial &amp; Cargo Percentage Breakdown of Departures on 19L:</b>		
Airport Issues: Maintenance/Weather/Emergency/Wildlife/FOD (90)		1.56%
FAA Assigned - Traffic (4)		0.07%
Pilot Request (22): Charter (4)		0.38%
Corporate (434)		7.5%
<b>Number of Departures</b>	<b>5,222</b>	<b>550</b>

## Comparison to CY Q4 '13:

- FAA assigned departures increased by 2
- Pilot requested departures decreased by 7.
- Airport Issues assigned departures decreased by **1,697** or from 1,787 to 90.

## Q4 '14 Noise Complaints

- **Total of 58 noise complaints from 16 individual households**
  - 32 fewer complaints compared to the same quarter a year ago.
  - 53 fewer complaints compared to the same quarter in 2012.
- **Six repeat callers accounted for 48 or 82% of the total complaints.**
- **Frequent types of noise complaints:**
  - 52% - Loud
  - 36% - Jet Landings on Runway 1R
- **Geographical location of majority of noise complaints:**
  - ➔ Areas north of Airport – 24
  - ➔ Beach Park & Culbreath Isles – 21
  - ➔ Belmar Shores & Sunset Park - 10



# **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, April 23, 2015 at 5:30 p.m.**

**Aviation Authority Board Room**

