Second Quarter

Community Noise Consortium Meeting
Thursday, July 23, 2015

Hillsborough County Aviation Authority
Tampa International, Peter O. Knight,
Plant City and Tampa Executive Airports

Agenda

- Introductions
- Master Plan Update
- Noise Abatement Program Overview
  - Online Resources
- Q2 '15 Review

This public meeting is being audio recorded

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Tampa International, Peter O. Knight,
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Master Plan (Construction Projects)

Taxiway 'J' Bridge Construction Project

- Taxiway 'J' project estimated to be completed September, 2016.

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

- Being demolished and reconstructed to accommodate the Automated People Mover that will connect the new Consolidated Rental Car Facility and Economy Parking to the Main Terminal.
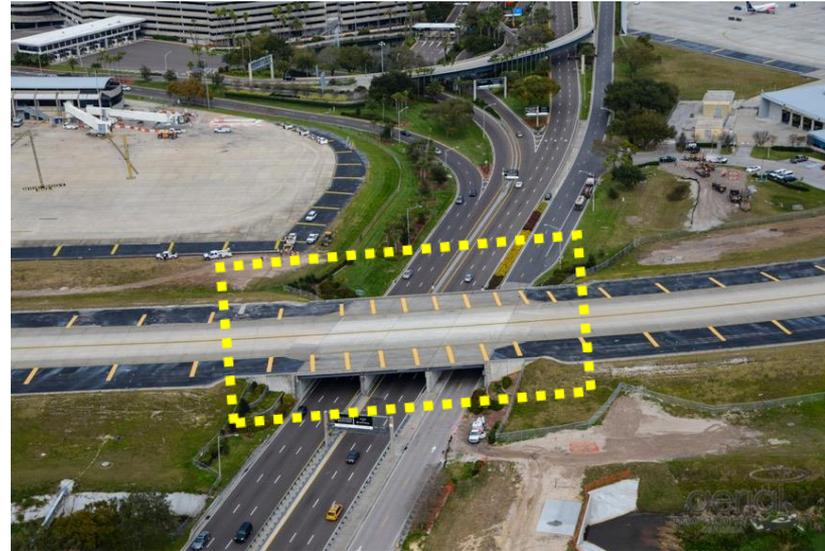
Taxiway 'J' Bridge Construction Project (cont'd)

Resulting Operational Changes

- Airside 'A' air carriers (United, Frontier, Spirit, JetBlue and Alaska) may be assigned by FAA to land on Runway 1R between 10:00 a.m. and 6:00 p.m.
- All corporate jets will be assigned Runway 1R to land.
- FedEx departures from Runway 19L and arrivals to Runway 1R are authorized at the discretion of Air Traffic Control.
- These operational changes are a necessary safety measure to protect passengers, employees, and aircraft movement during airfield construction.
- Once construction on the Taxiway 'J' bridge is completed, these operational changes will be reevaluated.

Q1 '15

Q2 '15

Noise Concerns - Online Resources
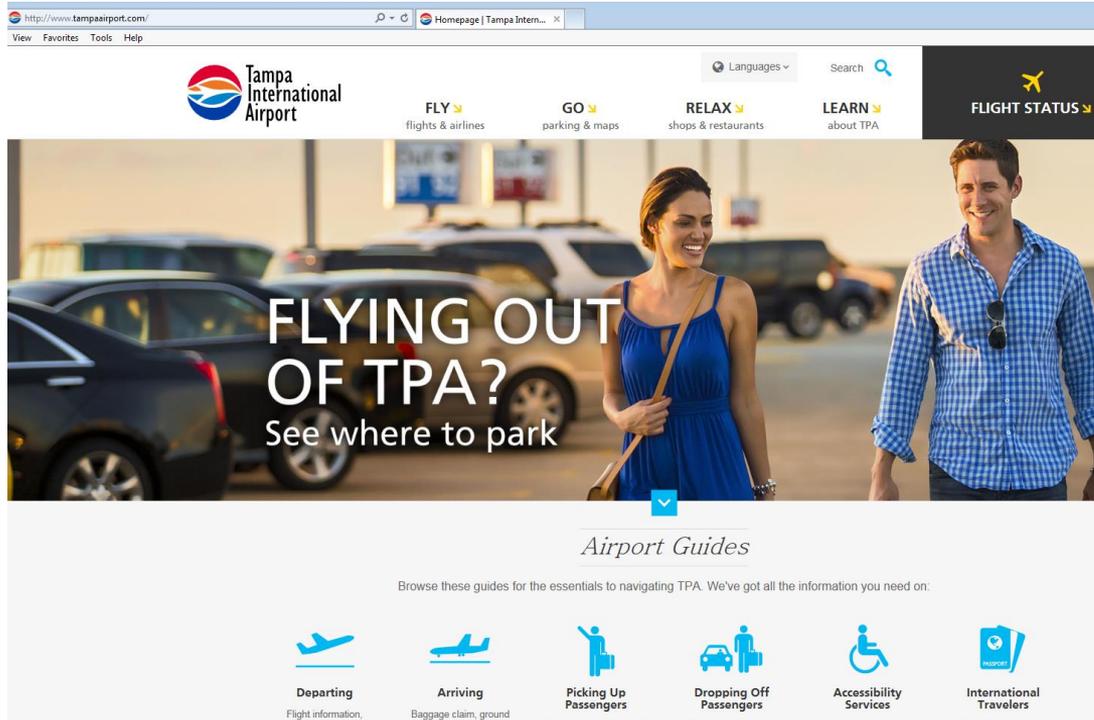
Online resources are available at www.tampaairport.com

Scroll to the bottom of our homepage and click on 'Noise Concerns'.

Noise Abatement Page – TampaAirport.com

Noise Abatement Program - Overview

- Voluntary Noise Abatement Program.

- Preferential Order of Runway Use.

- Letter to Airmen (Effective 1-21-2015).

- Maximizing daytime south flow.

- Extending night time preference for Runway 1L arrivals and Runway 19R departures.

- Monitoring initial turbojet departure headings.

- Limiting base legs for Runway 1L arrivals north of MacDill AFB.

- Ground Run-Up Enclosure.

Runway Use – Order of Priority

Informal Runway Use Program

South Flow   North Flow
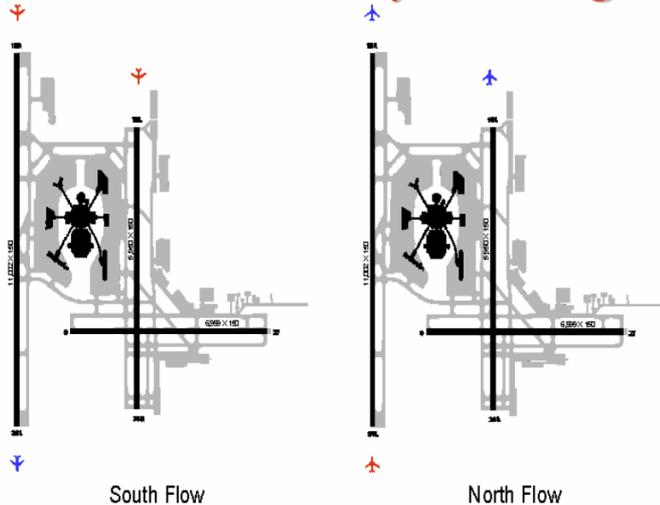
When traffic, wind, weather, and field conditions permit, and no reportable delays to arrivals or departures will result:

6:00 a.m. to 12:00 Midnight

- South Operation – Arrive 19L/19R
  - **(1) Depart 19R** (2) Depart 19L
- North Operation – Depart 1L/1R
  - **(1) Arrive 1L** (2) Arrive 1R
- East/West Operation – Runway 10/28

12:00 Midnight to 6:00 a.m.

- Runway 1L Turbojet Arrivals
- Runway 19R Turbojet Departures

Passenger Counts and Aircraft Operations

Passenger Counts

+6.88% YOY

2014
2015

Aircraft Operations

+4.14% YOY

2014
2015

Tampa International Airport
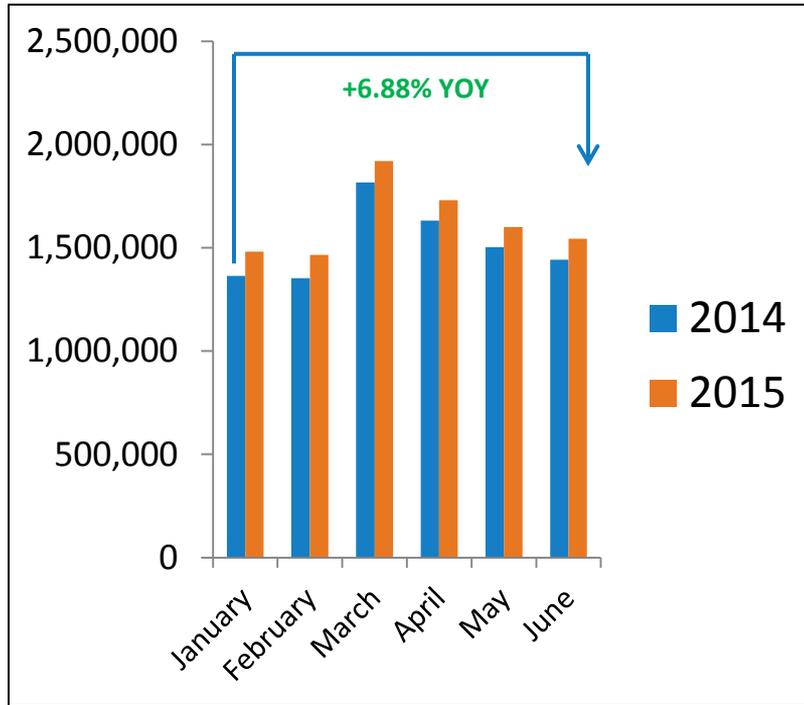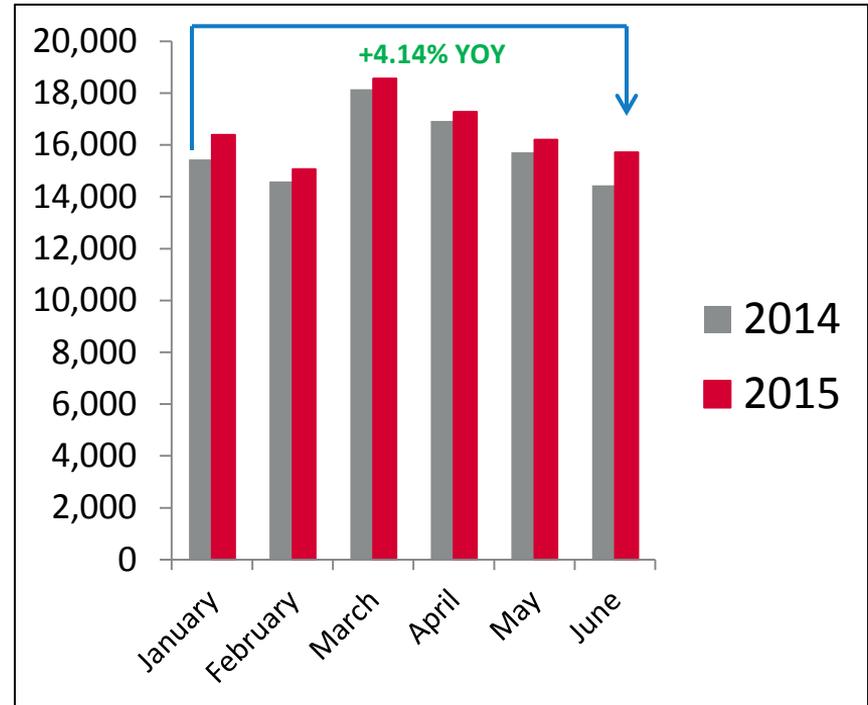
Airfield Flow Patterns

North Flow vs. South Flow

Months	2012		2013		2014		2015	
	North Flow	South Flow	North Flow	South Flow	North Flow	South Flow	North Flow	South Flow
January	50%	50%	52%	48%	65%	35%	71%	29%
February	48%	52%	48%	52%	49%	51%	64%	36%
March	48%	52%	60%	40%	50%	50%	50%	50%
April	**55%**	**45%**	**40%**	**60%**	**40%**	**60%**	**41%**	**59%**
May	**40%**	**60%**	**52%**	**48%**	**48%**	**52%**	**68%**	**32%**
June	**36%**	**64%**	**16%**	**84%**	**44%**	**56%**	**32%**	**68%**
July	29%	71%	29%	71%	30%	70%		
August	26%	74%	37%	63%	50%	50%		
September	57%	43%	52%	48%	44%	56%		
October	75%	25%	66%	34%	62%	38%		
November	84%	16%	86%	14%	79%	21%		
December	72%	28%	52%	48%	70%	30%		

Q2 '15 Jet Turns North of MacDill AFB

- Commercial & Cargo Jet Aircraft: 180

- Corporate Jet Aircraft: 135

- Early turns represented 3% of the total arrivals during north flow operations in the second quarter.

- HCAA contacts non-compliant operators.

West Downwind Leg = 2,739

East Downwind Leg = 4,271

Turns North of MacDill = 315

Arrivals from other areas South of Airport = 2,954

Base Leg South of MacDill (96.84%)
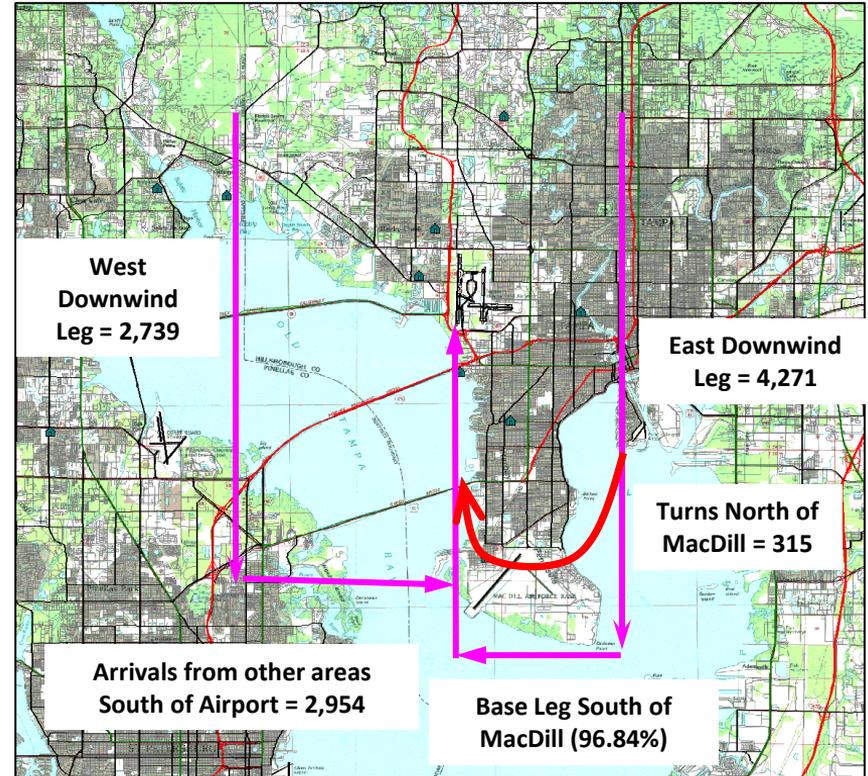
Q2 '15 Jet Arrivals

Runway 1R and Runway 1L (North Arrival Flow)

Total North Flow Arrivals

- Runway 1L — 82.1%
- Runway 1R — 17.9%
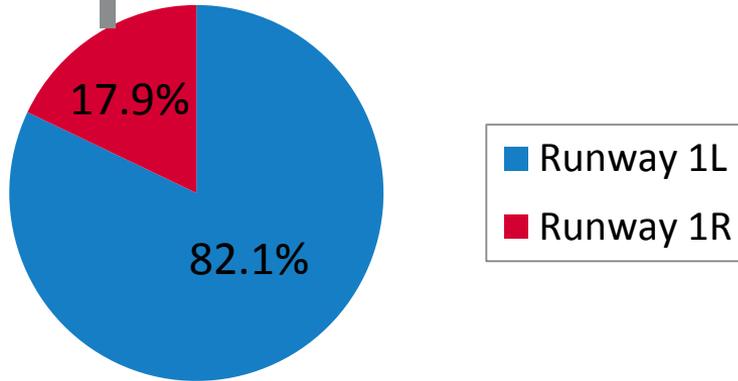
Combined Jet Arrivals: 9,964

1R Arrivals
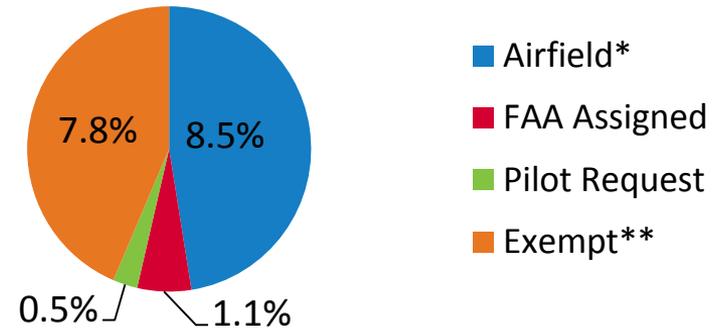
- Airfield* — 8.5%
- FAA Assigned — 1.1%
- Pilot Request — 0.5%
- Exempt** — 7.8%

*Airfield inclusive of maintenance, construction, emergencies, wildlife and FOD.
**Exempt includes Military, Law Enforcement and corporate aircraft.

Q2 '15 Jet Departures

Runway 19R and Runway 19L (South Departure Flow)

Total South Flow Departures

- Runway 19R — 88.1%
- Runway 19L — 11.9%

Combined Jet Departures: 11,461

19L Departures
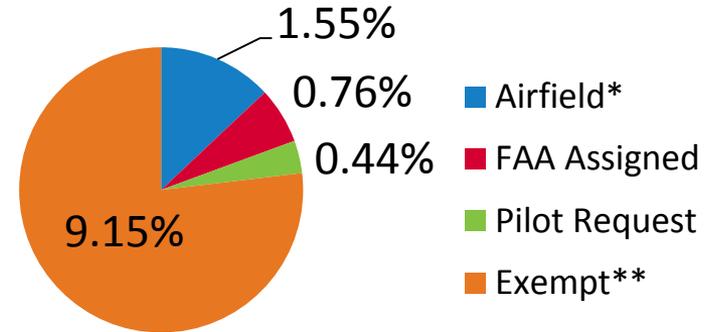
- Airfield* — 1.55%
- FAA Assigned — 0.76%
- Pilot Request — 0.44%
- Exempt** — 9.15%

*Airfield inclusive of maintenance, construction, emergencies, wildlife and FOD.
**Exempt includes Military, Law Enforcement and corporate aircraft.

Tampa International Airport

Q2 '15 Noise Concern - Summary
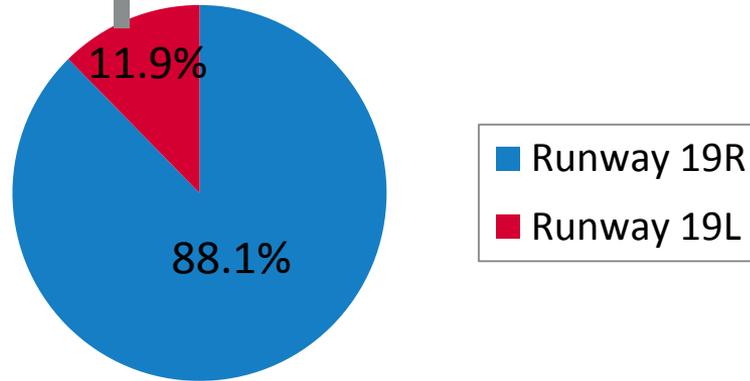
- Total of 135 noise concerns from 75 individual households.
  - 70 more concerns compared to Q2 '14.

- Twelve repeat callers accounted for 72 (53%) of the total concerns.

- Nature of Concerns:
  - 71% - Jet Landings on Runway 1R
  - 13% - Loud

- Locations:
  - Beach Park
  - Culbreath Isles

Nature of Disturbance

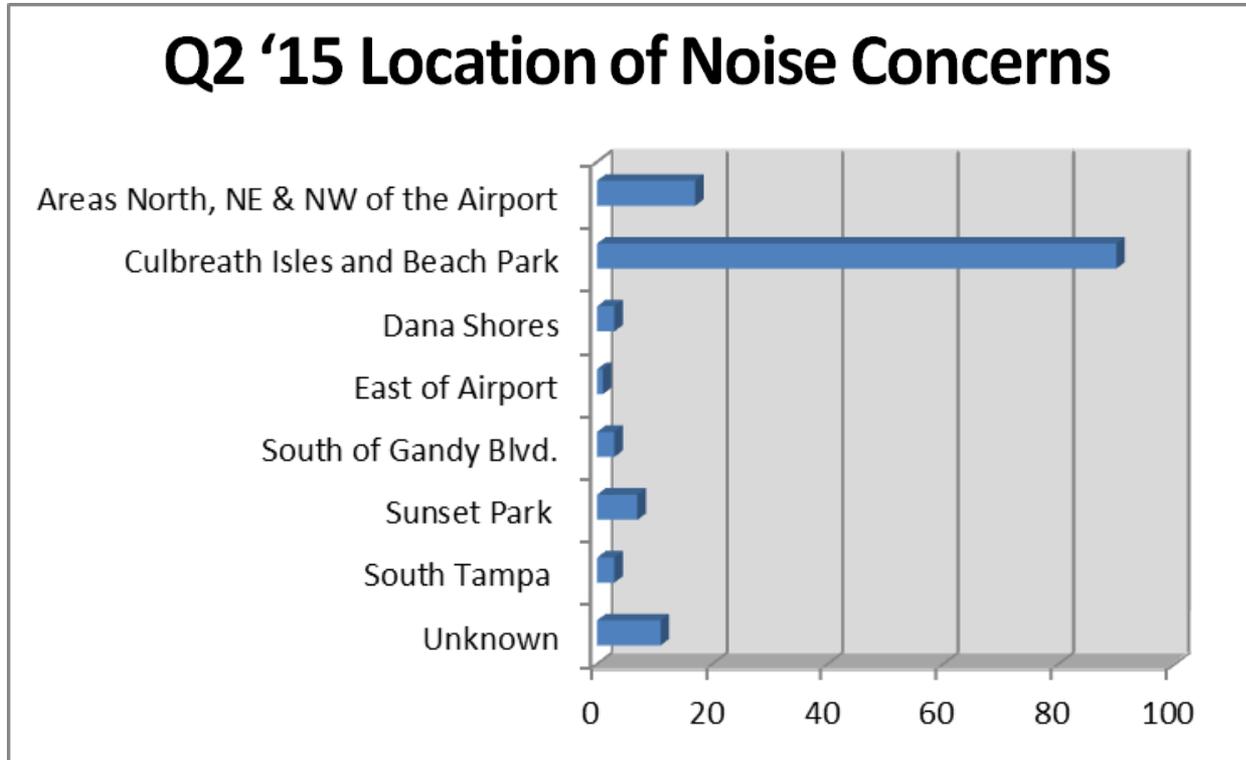| Nature of Disturbance	Households	Number of Concerns	YTD Total
19L Departure	4	8	8
1R Arrival	58	96	132
Loud	12	18	9
Low	5	9	9
Off Course	1	1	2
Other	3	3	3
South Tampa Overflight	1	1	2
Totals:	**76**	**136**	**259**

Noise Concerns by Community

Q2 '15 Location of Noise Concerns

Areas North, NE & NW of the Airport — ~18
Culbreath Isles and Beach Park — ~92
Dana Shores — ~4
East of Airport — ~2
South of Gandy Blvd. — ~4
Sunset Park — ~8
South Tampa — ~4
Unknown — ~12

Reminder - Scheduled Runway Closures

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.

NOTE: Runway closures are subject to change

NEXT MEETING

THURSDAY, OCTOBER 22, 2015 AT 5:30 P.M.
AVIATION AUTHORITY BOARDROOM

Second Quarter 2015

Community Noise Consortium Meeting
Thursday, July 23, 2015

Tampa International Airport

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