



Via Verde Association Meeting

BOCA RATON AIRPORT AUTHORITY

October 14, 2014



BOOMERS



CINEMARK



PREMIER/SIGNATURE



CITY FURNITURE



ATLANTIC AVIATION



BOCA AIRCRAFT OWNERS

Boca Raton Airport

- State-owned Airport
- Operated by Boca Raton Airport Authority, Independent special district of the State
- Self-sustaining – no local tax dollars go into the maintenance or operation
- Important part of Boca Raton’s economic development “infrastructure”
- Serves travelers with *reason* to come to Boca Raton
- Home base for 272 private and corporate aircraft
- No commercial airlines or freight



Boca Raton Airport

Mission Statement

Operate a first-class Public Use General Aviation facility:

- Promoting safety, efficiency, and environmental excellence
- Advancing aeronautical and economic benefits to our Business and Regional Communities

Vision

To be a world class Public Use General Aviation facility that benefits our growing business and regional communities.

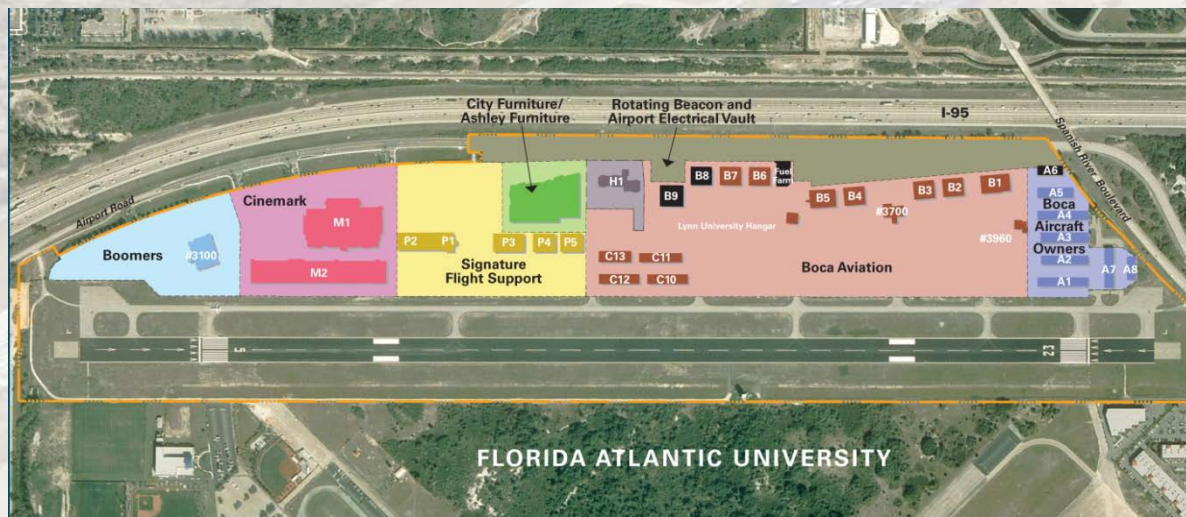


Boca Raton Airport



Constraints on Airport Growth

- Airport land is built out
- Constrained by adjacent uses – FAU/I-95
- No way to lengthen runway, or add another
- Limited hangar space, already filled to capacity
- Nowhere to base more jets, or add hangars



Boca Raton Airport Authority

Local Governance: 7-Member Board

- Cheryl Budd, Chair
- Bill Schwartz, Vice-Chair
- Bruce Benefield, Secretary/Treasurer
- Frank Feiler, Member
- Mitchell C. Fogel, Member
- Gene A. Folden, Member
- Jack Fox, Member



Aviation Advisory Committee

- The BRAA and its Aviation Advisory Committee (AAC) work in partnership with communities on noise issues
 - All quadrants surrounding the Airport are represented
- AAC members represent local homeowner associations, communities, and aviation business interests



Community Impact Is High Priority

Airport's Strategic Goals

- Strengthen Community Relations
- Mitigate Airport Noise Impacts
- Effectively Operate in a Changing Government Environment
- Explore Land Opportunities
- Enhance Financial Performance



Mitigating Noise

Continuous, Proactive Effort

- Noise monitoring and flight tracking
- Noise abatement hotline
- Ongoing outreach to pilots
- Voluntary curfew- 10 p.m. – 7 a.m.
- Phase out of older, noisier aircraft



ENVIRONMENTAL STUDY



No Jet Fuel Dumping

Types of aircraft flying into Boca Airport
have no *capability* to dump fuel.



Findings of Environmental Testing

- Brooke Fait, MPH, PG

Environmental Health & Safety Project Manager
SCS Engineers

SCS ENGINEERS

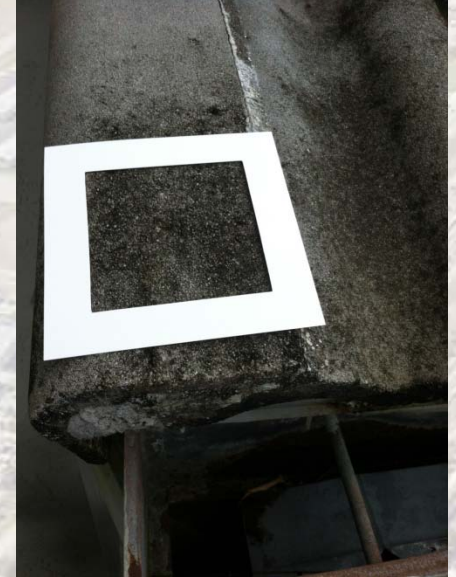
- Randall Miller

Environmental Supervisor II
Air and Solid Waste Program
Florida Department of Health, Palm Beach County



Environmental Testing

Via Verde Master Association chose 4 sites



Environmental Testing

- BRAA commissioned two types of tests:
 - Determine if jet fuel residue is present
 - If not, what material *is* present?
- Certified lab analyzed samples:
 - Test 1: Ruled out presence of jet fuel
 - Test 2: Found presence of 4 common fungal molds



Test 1: Is Jet Fuel Present? Gas Chromatography

Jet fuel - like all complex compounds – has a distinct chemical “signature” that can be identified with certainty.

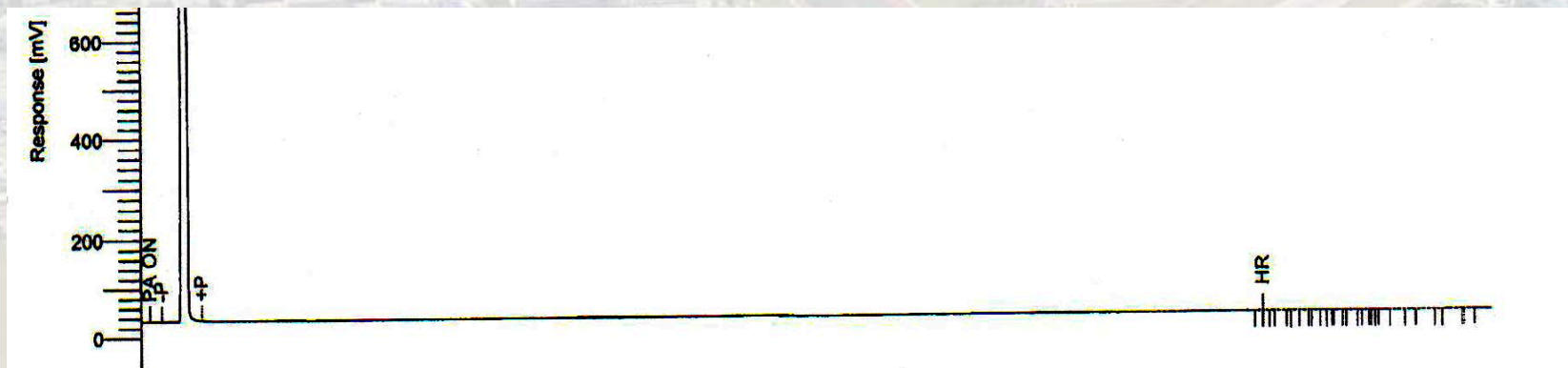


Jet Fuel's "Signature"

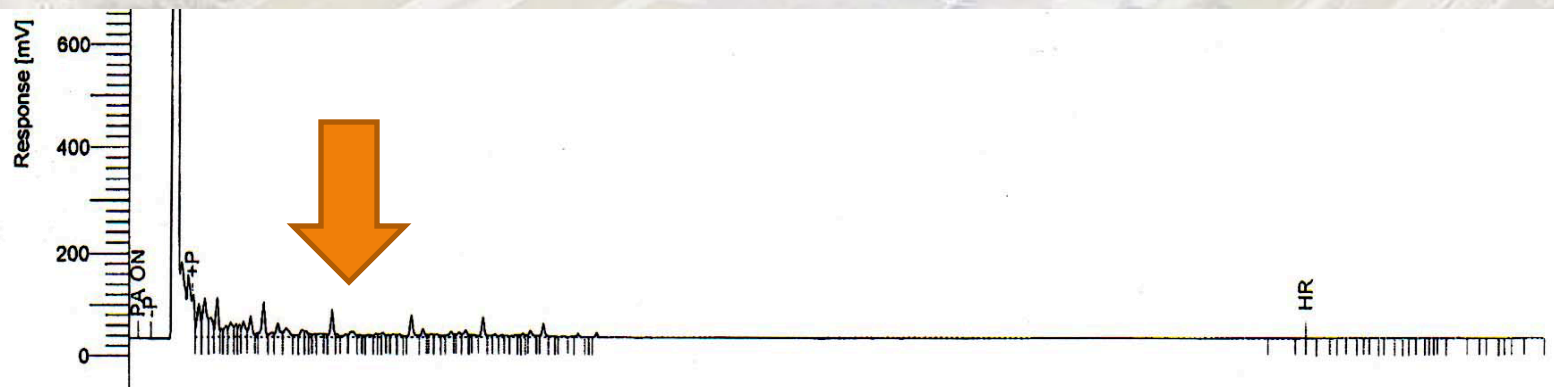


Test Results: No Presence of Jet Fuel

Via Verde Test Sample



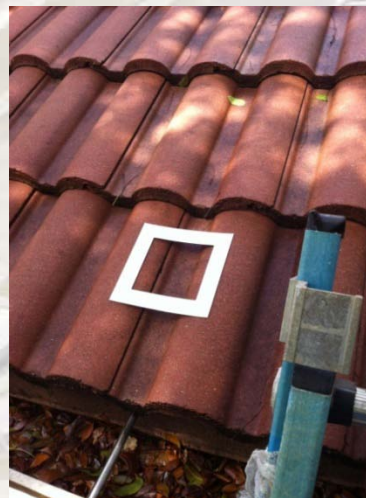
Jet Fuel "Signature"



Test 2: What Is Present?

Surface Tape Test

- Analysis showed presence of 4 common molds
- Naturally-occurring, not man-made, material
- Very commonly found on South Florida homes



Sampling Results

“The molds found are the product of tropical climate and generally occur where fallen vegetation accumulates and degrades.”

	Home 1	Home 2	Quad-plex	Home 3
Fungal Mold Type				
<i>Stemphylium</i>	Moderate	Trace		
<i>Rhizopus/Mucor</i>	Moderate	Heavy	Trace	Trace
<i>Baltrania</i>			Small/Limited	
<i>Cladosorium</i>				Trace



CUSTOMS FEASIBILITY STUDY



Why Add Customs?

Convenience for airport users

- Eliminates interim stop, reduces operating costs

Enhanced safety, efficiency of local airspace

- Fewer flights over area
- Direct arrivals at higher altitudes

Enhanced security and law enforcement presence

Economic development benefits to the area



Operations & Limitations

- Amenity to serve aircraft already coming to Boca
- Limited hours
 - Thurs. – Mon., 10:30 a.m. – 6:30 p.m.
- Requires advance notice of arrival and permission to land before departure from foreign airport
- Fee to use the facility – (FXE, FLL, and PBI are free)



Feasibility Study

Ana Sotorrio, C.M., President
Aviation Strategies and Trade Solutions, Inc.



BOCA RATON AIRPORT AUTHORITY U.S. CUSTOMS AND BORDER PROTECTION GENERAL AVIATION FACILITY (GAF) FEASIBILITY STUDY

February 2014

Aviation Strategies & Trade
Solutions, Inc.

In association with:

Ricondo & Associates

Sandler Travis Trade Advisory
Services

TransSolutions, LLC



Study Objective

Determine the feasibility of a U.S. Customs and Border Protection General Aviation Facility at Boca Raton Airport.



Benchmarking Studies

- Northeast Florida Regional Airport, St. Augustine, FL
- Naples Municipal Airport, Naples, FL
- Dallas Love Field, Dallas, TX
- Witham Field, Stuart, FL
- Ft. Lauderdale Executive Airport, Ft. Lauderdale, FL



Forecast of Aviation Demand

Methodology:

- Identify Boca Raton-based aviators currently departing from BCT to international destinations but returning via interim stop at another airport to clear Customs
- Acquired data from PASSUR for peak travel months of March & April 2011 and March 2012



Boca Airport: Arrivals to Departures Imbalance

Location Airport

Arrivals to Departures Imbalance from Boca

Fort Lauderdale/Hollywood

61

Orlando

38

West Palm Beach

35

Jacksonville

15

St Petersburg/Clearwater

5

Opa Locka

4

Fort Lauderdale (Executive)

2

Fort Pierce

0



Forecast of Aviation Demand

- Study Data: 85 international peak month departures;
772 annually
- Since some aviators make intentional stops on their way to Boca, 700 flights annually are forecast to clear Customs here.
- Aviation activity is not forecast to grow from adding Customs— none attributed to benchmark airports' Customs facilities.



Airport Users' Input

- Focus group: 32 potential users, representative of Boca Airport aviators who fly international trips
- Strong support for the facility based on:
 - Savings in fuel, pilot and client costs of \$500 - \$1,000 for small planes and \$1,500 - \$5,000 for jets
 - Increased safety, less airspace congestion and more direct approaches into the Airport



Forecast of Marine Demand

- Boca Raton Customs could also serve marine arrivals
 - USCG data identified 700 boats ported in Boca Raton with 70% large enough to make international trips
- Forecast assumptions:
 - 33% of those boats will make 1 international trip per year
 - Boaters will use Boca Customs for half those trips
- 315 marine passengers are forecast to use the BCT GA facility annually (4.5 per trip.)



Conclusions

The Study Team forecasted use by 700 flights and 350 boaters annually, which would generate sufficient revenue to cover the operating costs of the facility.



Customs at Boca Raton Airport

What aircraft will Customs serve?

Aircraft already coming to Boca Raton Airport, now making an interim stop to clear customs

How do we know this?

- Analyzing current arrivals data
- Evaluating similar airports' experience



Similar Airports' Customs Experience

Benchmark airports have found they have been successful because of the increased convenience and the customer service level for their local aviation community.

Benchmark airports report that Customs did not generate increased flight activity.



Customs: Next Steps

- Airport Authority vote on Customs
- Staff pursues funding -- Airport and State funds, possible support from tenants
- Customs Facility Opening - 2-5 years off



What's On Your Mind?

Call us at: 561-391-2202

Noise hotline: 561-391-0296

E-mail comments or arrange a visit:
janet@bocaairport.com



Q&A

