

William J. Hughes Technical Center Inside the Fence



FAA WILLIAM J. HUGHES TECHNICAL CENTER

Presented to: Small Business Development Program
By: Mike Greco, Manager, Enterprise Services T&E Division, ANG-E6
Date: November 18, 2015

Topics

- William J. Hughes Technical Center
- Tenants/Aviation Partners



The FAA William J. Hughes Technical Center

- Supports the advancement of the Next Generation Air Transportation System by
 - Being the nation's leading federal laboratory for Research, Development, Test, and Evaluation and In-Service Management
 - Integrating systems and capabilities through collaboration with Industry, Academia, and Government
- Provides the gateway for National Airspace System upgrades, improvements, and operational sustainment



WJHTC Quick Facts

- **5,000 Acres**
- **250+ Buildings**
- **4,500 employees (3,000 FAA/Contractor)**
- **500,000+ sq. ft. laboratories**
- **“NAS under one roof”**



William J. Hughes Technical Center



Atlantic City International Airport (ACY) SJTA



ACY Tower (ATM)



Safety



Systems Engineering



Information & Technology



Modeling and Simulation



177th Fighter Wing NJ Air National Guard



Research & Development



Test and Evaluation



Flight Inspections



United States Coast Guard Air Station AC



Laboratories



Center Operations



Federal Air Marshal Service



Transportation Security Laboratory



Engineering/Program Management



Concept Development and Validation



Operations Support

Estimated Economic Impact

Impact

Southern New Jersey

Total Output

\$678 Million/yr.

Labor Income

\$449.3 Million

Employment

7,761 Full Time Jobs

Note: Data from DOT/FAA/TC-TN-TN15/45 - Economic Impact of the William J. Hughes Technical Center of Southern New Jersey: Update 2015



Next**GEN**

William J. Hughes Technical Center

Workforce Summary
564 FAA Employees
Includes 18 Student Interns
708 Contractors



Office of the Director
ANG-E
Shelley Yak (A)



Office of the Deputy Director
ANG-E001
Shelley Yak



Office of the Chief of Staff
ANG-E002
Jon D. Schleifer



Laboratory Services Division
ANG-E1
Sheila F. Smallwood
138 FAA Employees
178 Contractor FTEs



Aviation Research Division
ANG-E2
Eric Neiderman
120 FAA Employees
153 Contractor FTEs



Center Operations Division
ANG-E3
James C. Connitt
126 FAA Employees
243 Contractor FTEs



Research & Development Mgmt. Division, ANG-E4
Jaime Figueroa
15 FAA Employees
11 Contractor FTEs



Air Traffic Systems T&E Services Division
ANG-E5
Paula Nouragas
75 FAA Employees
68 Contractor FTEs



Enterprise Services T&E Division
ANG-E6
Michael Greco
85 FAA Employees
55 Contractor FTEs

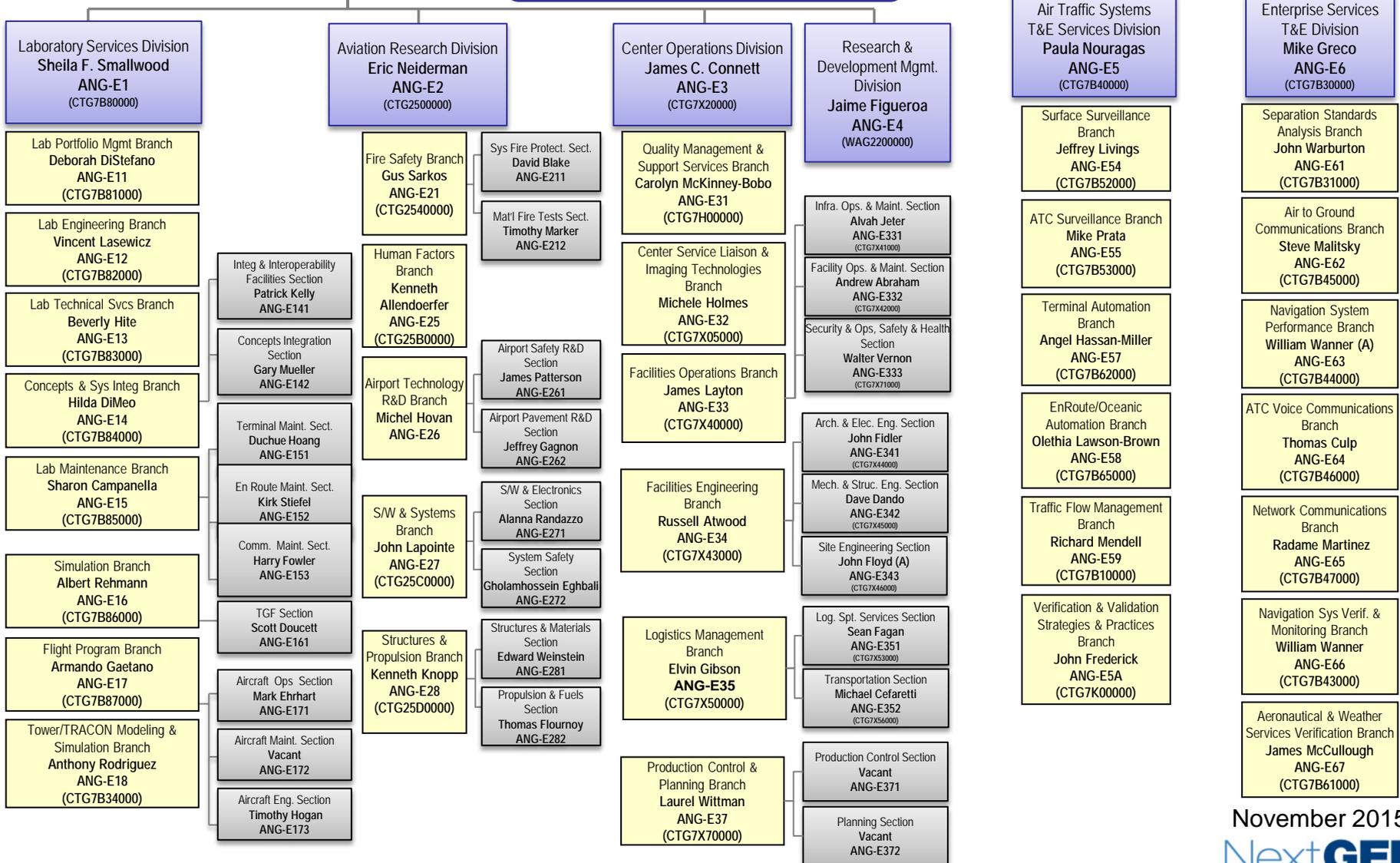


William J. Hughes Technical Center Office

Office of the Director
Shelley Yak (A)
 ANG-E
 (CTG7100000)

Office of the Deputy Director
Shelley Yak
 ANG-E001
 (CTG7100000)

Office of the Chief of Staff
Jon D. Schleifer
 ANG-E002
 (CTG7100000)



November 2015



Technical Center: Multiple FAA Missions



Concept Development and Validation



Modeling and Simulation



Information & Technology



Systems Engineering



Research & Development



Test and Evaluation



ACY Tower



Laboratories



Center Operations



Engineering/Program Management



Flight Inspections



Safety



Operations Support

Contract Support for ANG-E

- **75 Support Contracts**
 - **46 are small business contracts – 61%**
 - **4 Contracts utilize SE2020**
 - **FY2015: 17 New Awards**
 - Total ceiling \$204.2M
 - 12 small business with \$76.2M Ceiling
 - 37% small business awards
 - *Agency Goal is 25%¹*
 - **FY2016: 22 Contracts expire**

¹ Agency Business Plan Goal based on total awarded procurements to small business owners.

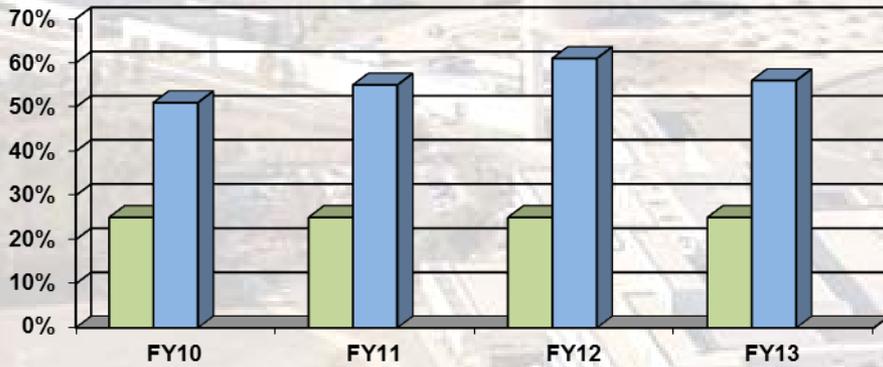


ACT-wide Major Procurement Program Goals/Accomplishments (Direct Contracts)

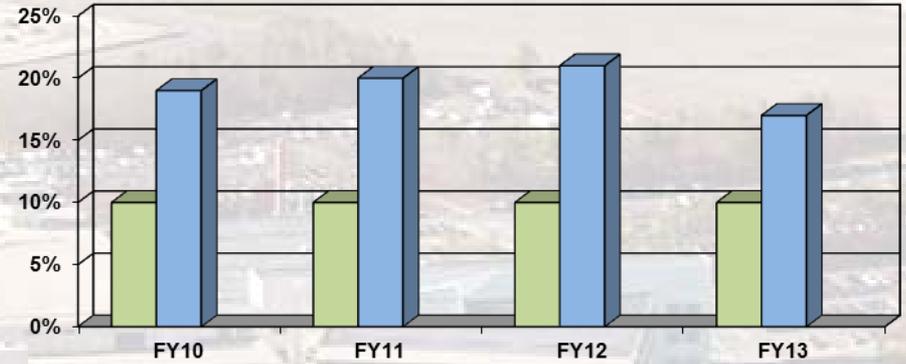


	FY 10	FY 11	FY 12	FY 13
Total Procurement Obligations	\$211M	\$204M	\$225M	\$206M
Total Small Business Obligations	\$108M	\$112M	\$136M	\$115M

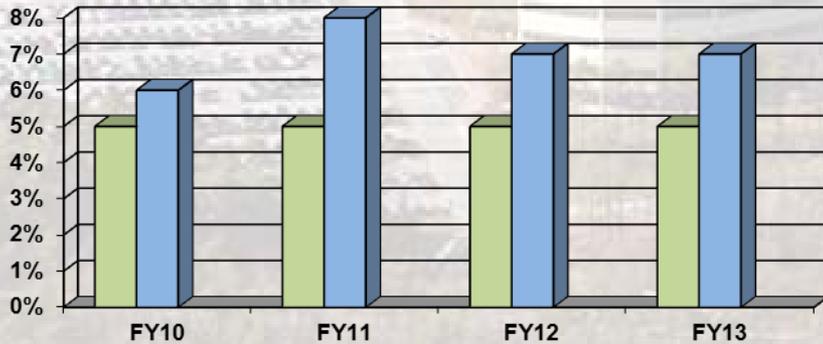
Small Business



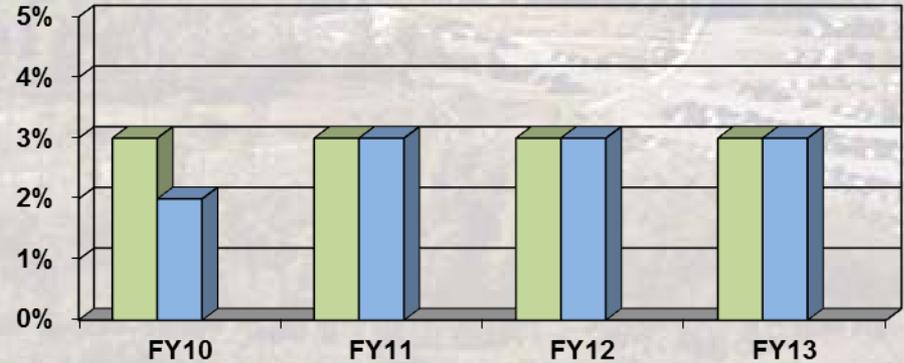
Small Disadvantaged Business



Women-Owned Small Business



Service-Disabled Veteran-Owned Small Business



Future Opportunities

- ANG-E1: Laboratory Services Division
 - Program Management Support
 - Laboratory Maintenance
- ANG-E2: Aviation Research Division
 - Human Factors
 - Software and Systems



Future Opportunities cont'd

- ANG-E3: Center Operations Division
 - Custodial Services
 - Electric Contract
 - A/E Contract Superfund Cleanup
 - Facilities Engineering Support
 - CAD Services
- ANG-E4: Research and Development Management Division
 - COE Support
 - Tech Transfer and REDAC Support
 - R&D Management Support



Future Opportunities cont'd

- **ANG-E5: Air Traffic Systems T&E Services Division**
 - Verification & Validation/Test Standards
 - Air Traffic Management
- **ANG-E6: Enterprise Services T&E Division**
 - Aeronautical & Weather Services
 - Air to Ground Communications
 - Network Communications



William J. Hughes Technical Center: Partners

- 177th Fighter Wing NJ Air National Guard
- United States Coast Guard Air Station AC
- Transportation Security Laboratory
- Federal Air Marshal Service
- Atlantic City International Airport (ACY) SJTA
- Stockton Aviation Research and Technology Park



177th Fighter Wing NJ Air National Guard



NextGEN

US Coast Guard Air Station Atlantic City



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