



# Aeronautics Division

## Annual Airport Meetings

# Objectives

After this meeting you will...

- understand the status of aviation funding in Tennessee
- understand the changes to the ACIP process
- understand program monitoring requirements
- understand your role in the planning process



**Aviation State of the State**  
**Michelle Frazier, Director**

# My Experience as Director of Aeronautics

- Project Staff Review
- Transportation Equity Fund
- Federal Funding
- Airport Capital Improvement Plan (ACIP)



# TDOT Aeronautics Sources of Funding

- Transportation Equity Fund Collections (TEF)
  - Air Carrier Airports
  - General Aviation Airports
  - Statewide Programs
- Aeronautics Economic Development Fund 
- Airport Improvement Program (AIP)
  - Non-Primary Entitlements
  - Apportionment
  - Discretionary
  - Military Airport Program

# Economic Development Fund

- The Aeronautics Economic Development Fund will be managed by **TDOT's Aeronautics Division**.
- **Applicant must be a local government**, an economic development organization , other political subdivisions of the state, including airport authorities.
- The proposed project must be used to facilitate economic development activities related to **aeronautics and aeronautics related programs**.
- The General Assembly of the State of Tennessee established the Aeronautics Economic Development Fund using the **State's General Fund**.

# Transportation Equity Fund (TEF)

| Category                        | FY 2017              | FY 2018              | FY 2019              |
|---------------------------------|----------------------|----------------------|----------------------|
| General Aviation                | \$ 8,000,000         | \$ 8,000,000         | \$ 6,500,000         |
| Air Carrier Airports            | \$ 8,000,000         | \$ 8,000,000         | \$ 6,500,000         |
| TDOT Aeronautics/Programs       | \$ 2,000,000         | \$ 2,000,000         | \$ 2,000,000         |
| Contingency/Yr End Distribution | \$ 4,000,000         | \$ 2,000,000         | \$ 2,000,000         |
| <b>Total</b>                    | <b>\$ 22,000,000</b> | <b>\$ 20,000,000</b> | <b>\$17,000,000</b>  |
| <i>Tax Cap Per User</i>         | <i>\$ 17,750,000</i> | <i>\$ 14,125,000</i> | <i>\$ 10,500,000</i> |



**Estimates** provided are based on FY 2017 conditions and practices

# Airport Improvement Program (AIP)

## State Block Grant

| Category                 | Federal FY 2017*     | Federal FY 2018**    | Federal FY 2019**    |
|--------------------------|----------------------|----------------------|----------------------|
| Non-Primary Entitlements | \$ 9,300,000         | \$ 9,300,000         | \$ 9,300,000         |
| Apportionment            | \$ 3,976,000         | \$ 4,000,000         | \$ 4,000,000         |
| Discretionary            | \$ 0                 | \$ 4,000,000         | \$ 8,000,000         |
| <b>Total</b>             | <b>\$ 13,276,000</b> | <b>\$ 17,300,000</b> | <b>\$ 21,300,000</b> |
| Military Airport Program | \$ 2,206,000         | \$ --                | \$ --                |
| Total                    | \$ 15,482,000        |                      |                      |

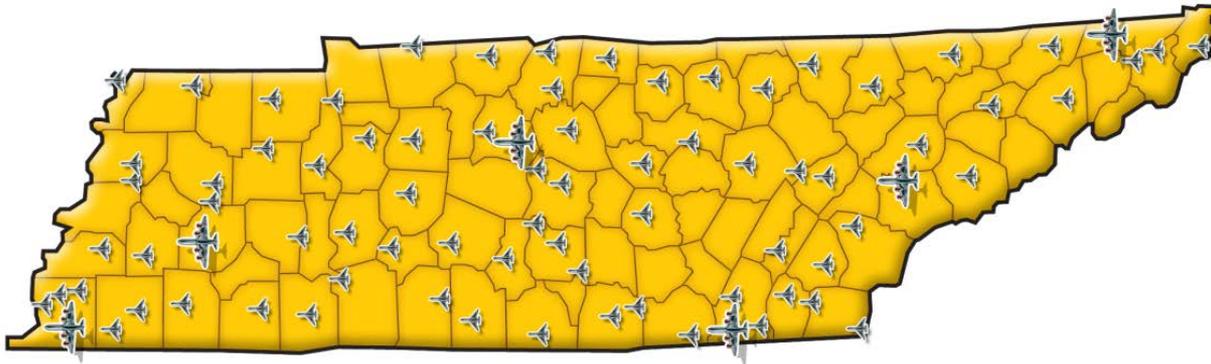


\* Actual funding

\*\*Planning estimates

# General Aviation in Tennessee

| Category                   | State FY 2018        | State FY 2019        |
|----------------------------|----------------------|----------------------|
| Non-Primary Entitlements * | \$ 9,300,000         | \$ 9,300,000         |
| Apportionment              | \$ 4,000,000         | \$ 4,000,000         |
| Discretionary              | \$ 0                 | \$ 4,000,000         |
| Transportation Equity Fund | \$ 8,000,000         | \$ 6,500,000         |
| <b>Sub-Total</b>           | <b>\$ 21,300,000</b> | <b>\$ 23,800,000</b> |



\*Additional NPE is available at select airports

# Reasons for Change

- NPE balances
- FAA Memorandum of Agreement
  - 4 Year Period of Performance
  - State Program Submittal
- FAA discretionary grants
- No turn-backs to the FAA

**Keep the \$\$ in Tennessee**

# Planning for the Tennessee Program

- Solid plan for year one (FY 2019)
- Needs based ACIP
- Local funding to support NPE
- Program funds based on priority and local commitment
- Spend federal funds first

ACIP Meetings

Oct - Nov 2017

Identify Needs  
& Local Funds

Oct - Nov 2017

ACIP Submittal

Dec 2017

Statewide  
Program

Mar 2018

Secure Local  
Funding

Mar - July 2018

Project Submittal

Begin July 2018

# Airport Outreach and Support

- Airport Sponsor Guide
- Statewide Survey
  - Training Needs
  - Support Needs
- Statewide Programs
- Pavement Condition Index (PCI)



# Finance and Program Monitoring

Lyle Monroe, Transportation Manager 2  
John Briggs, Transportation Manager 1

# Finance and Program Monitoring

## **Contact Program Monitor for all non-engineering issues.**

- BlackCat
- Payment requests
- Annual Admin Requirements
- Inspections/License
- AWOS
- Unmanned Aerial Systems (UAS)
- Education and Outreach

# Finance and Program Monitoring

## BlackCat

- **\*\*Update Organization Information in BlackCat\*\***
- Projects need to be closed in a timely manner
- Input Service date on payment requests in BlackCat  
Service date is the last day of the service period

## Payment Requests

- Read FY18 updates (in BlackCat)
- Airport Maintenance- reimburse 50%, only for qualifying expenses, up to max of grant
- Submit payment requests within sixty days (60)
- Redact PII/Sensitive info from documentation

# Finance and Program Monitoring

## Grants and Contracts

- Maintenance Grant draw downs
  - FY17 Spent 69% of contracted amount
    - \$782,171 of \$1,124,420
  - 41 Airports left \$1,000 or more in their balance
  - 16 Airports requested less than \$5,000 in reimbursement
  - Average amount left unspent = \$5,033 per Airport
- FY16 Only 75% spent
- FY15 Only 68% spent

# Finance and Program Monitoring

## Annual Admin Requirements

- Sponsors need to read and sign Grant Assurances acknowledgement and return with each grant. This is an FAA requirement for Block Grant States  
**No FAA Grant Assurances acknowledgement = No Grant**
- Submit annual airport application
- Update FAI worksheet every six months (if federal funds are being used on project)

## Inspections/License

- Moving to all electronic Inspection reports and licensing. Send via email and uploaded in BlackCat

# Finance and Program Monitoring

## Annual

- Sponsor
- Acknowledgment
- FAA

- Subrecipient
- Update
- Are

## Inspection

- Movement
- Sent

|  |   |
|--|---|
| Subrecipient's name (must match registered name in DUNS)   |   |
| Subrecipient's DUNS number   |   |
| Federal Award Identification Number (FAIN)   |   |
| Federal award date   |   |
| CFDA number and name   | 20.106  |
| Grant contract's begin date  |   |
| Grant contract's end date  |   |
| Amount of federal funds obligated by this grant contract   |   |
| Total amount of federal funds obligated to the subrecipient (SPONSOR: TOTAL Federal dollars deposited into YOUR account in current FY (7/17-6/18) from ALL agencies) MUST be UPDATED every 6 months and uploaded into BlackCat Documents |   |
| Total amount of the federal award to the pass-through entity (Grantor State Agency)  |   |
| Name of federal awarding agency  | Federal Aviation Administration   |
| Name and contact information for the federal awarding official   | TN Department of Transportation<br>Aeronautics Division<br>607 Hangar Lane, Bldg. 4219<br>Nashville, TN 37217<br>615-741-3208 |
| Is the federal award for research and development?   | N/A   |
| Indirect cost rate for the federal award (See 2 C.F.R. §200.331 for information on type of indirect cost rate)   | N/A   |



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### Tennessee Airport Inspection Report

Date of Inspection

Airport Name \_\_\_\_\_  
 Airport Sponsor \_\_\_\_\_

Point of Contact \_\_\_\_\_  
 Email \_\_\_\_\_ Primary Phone # \_\_\_\_\_

**RUNWAY**

Rwy #     /     Length:     Width:    

Surface:     Condition:  Good  Fair  Poor

Markings Type:     Condition:  Good  Fair  Poor

|   |   |
|---|---|
| RWY # <u>   </u>  | Rwy # <u>   </u>  |
| Cracking: <input type="checkbox"/> Minor <input type="checkbox"/> Extensive | Cracking: <input type="checkbox"/> Minor <input type="checkbox"/> Extensive |
| Markings: <input type="checkbox"/> Faded <input type="checkbox"/> Peeling   | Markings: <input type="checkbox"/> Faded <input type="checkbox"/> Peeling   |
| Seal Needed: <input type="checkbox"/>                                       | Seal Needed: <input type="checkbox"/>                                       |
| Debris: <input type="checkbox"/>  | Debris: <input type="checkbox"/>  |
| Fill Material: <input type="checkbox"/>                                     | Fill Material: <input type="checkbox"/>                                     |
| Pavement Issue: <input type="checkbox"/>                                    | Pavement Issue: <input type="checkbox"/>                                    |

Remarks: \_\_\_\_\_

**PART 77**

Rwy End:     Rwy End:    

Category:     Category:    

Approach Slope Violation:  20:1  34:1  None

Approach Slope Violation:  20:1  34:1  None

Remarks: \_\_\_\_\_

**TAXIWAYS**

Surface Condition:  Good  Fair  Poor

Cracking:  Minor  Extensive

Markings:  Good  Fair  Poor

Faded  Peeling

Correct Signage:  Yes  No

Remarks: \_\_\_\_\_

**LIGHTING**

Rwy Lighting:  LIRL  MIRL  HIRL  None

Threshold Lights Correct:  Yes  No  NSTD

Rotating Beacon Operational:  Yes  No  None

Paint  Repair

Lighting Control:  Pilot  Photocell  Manual

**NAVAIDS**

Windcone:  Yes  No  Lighted

Replace  Repair Support

Segmented Circle:  Yes  No

Paint  Repair

**APRON/RAMP**

Surface Condition:  Good  Fair  Poor

Cracking:  Minor  Extensive

Markings:  Good  Fair  Poor

Faded  Peeling

Tie Down Cond:  Good  Fair  Poor

Remarks: \_\_\_\_\_

**INFRASTRUCTURE**

Hangars:  Good  Fair  Poor

Paint  Repair

Security:  Gate  Cameras  None

Fire Extinguishers:  Yes  No

          At fuel farm:  Yes  No

Emergency Shutoff properly located:  Yes  No

Fence:     ft. tall  All  Partial

Mowing of airport:  Good  Poor

Terminal Building Condition  Good  Poor

Title VI Poster located  Yes  No

Emergency Preparedness Manual  Yes  No

Remarks: \_\_\_\_\_

# Finance and Program Monitoring

## AWOS

- Contact Program Monitor before calling technician
- Remaining AWOS upgrades to be installed by early 2018

## Education and Outreach

- POC: Lisa Reaney

## Unmanned Aerial Systems (UAS)

- POC: David Demanette
- Contact David for all UAS concerns/issues

# Unmanned Aerial Systems (UAS)

**David Demanette**

**UAS Program Monitor**

**615-532-5913**

**David.Demanette@tn.gov**

**[www.tn.gov/tdot/section/aeronautics](http://www.tn.gov/tdot/section/aeronautics)**



# Unmanned Aerial Systems (UAS)

## UAS Operators

- Part 107 rules governing the commercial operations of sUAS as of August 29, 2016.
  - Must be at least 16 years of age.
  - Must pass an initial aeronautical knowledge test.
  - Remote PIC license is valid for 24 months.
- FAA defined recreational and hobbyist UAS operations.
  - Follow Community Based Standards
  - AMA – Academy of Model Aeronautics
- Non-participating UAS operations - ??????

# Unmanned Aerial Systems (UAS)

## TDOT Aeronautics Uses of UAS

- Aid in the collection of data during annual airport licensing inspections
  - More accurate analysis of Part 77 surfaces
- Photographs and videos of on going airport construction projects

# Finance and Program Monitoring

- TN Airports Funding Guidance Handbook

Guide for airport sponsors to state and federal financial aid

- Roles and responsibilities
  - Planning , prioritizing and budgeting
  - Funding sources and eligibility
  - State's process for airport projects start to finish
- 
- In BlackCat > Global Resources
  - Will be available on TN Aeronautics [website](#)