



**Meeting Minutes (Draft)
December 21, 2017**

1. Call to Order

Gary Hudson (Chester County Airport) opened the December 21, 2017 DVRPC Regional Aviation Committee meeting and provided an overview of the meeting's agenda.

2. Introductions

Ted Dahlburg of DVRPC welcomed everyone to the meeting and thanked Gary Hudson for chairing the meeting in the absence of committee chair, Hank Stoebenau.

3. Minutes of the September 21, 2017 RAC Meeting were approved.

It was suggested that the special meeting location, Heritage Field, be highlighted. Regarding guest presentations in PowerPoint format, they may be available directly from the presenter or by request from DVRPC.

4. Status of Regional Airports (2 Minute Reports):

A. Pennsylvania

Brandywine:

1. Obstruction Removal. The Airport is progressing with the removal of tree obstructions to its runway approaches as identified in the Bureau of Aviation's Airport licensing and 5010 inspection. With the Township sending out letters to affected property owners as part of its enacted Airport Hazard Zoning Ordinance, the Airport is obtaining property owner cooperation. The Airport is waiting for LPV approach study data which will identify all hazards needing removal, so property owners can be informed of individual or groups of trees that must be trimmed and trimming requirements. All obstructions are located off airport property. The Board has had all of the obstructions removed that were identified on last year's 5010 inspection to hopefully be able to restore night approaches to RW27. The Airport sent a letter to the FAA on 06/23/17 and is currently coordinating with the FAA to reestablish Nighttime approaches at the Airport.
2. Conduct LPV Approach Feasibility Study. This project is for the completion of a Study Report evaluating the requirements and the potential for Runway 9-27 to facilitate a

vertically guided approach maintaining the 30:1 GQS standard. The Statement of Work was approved by the FAA on 06/15/15. The Geodetic Control Plan was conditionally approved on 09/10/15 and the Imagery Plan was approved on 09/10/15 by the FAA/NGS. The Survey & Quality Control Plan was approved by the FAA on 10/14/15. The PACS/SACS have been installed on the airfield and have been processed and submitted to the NGS to get blue-booked for use in conducting the Control Survey for use in preparing the orthorectified aerial photography, processing of the planometrics and performing the airspace analysis. The Imagery Data was submitted for review and approval on 03/18/16 and is also awaiting approval. The imagery data was approved by the FAA on 10/31/16. Geodetic Control Data was received from the subconsultant and the Data was submitted in AGIS on 01/19/16 and comments were received from the FAA on 08/14/17 and the revised plan was uploaded on 10/16/17 and we are awaiting AGIS review and approval.

3. Widen Runway for 9-27 WAAS, Ph II: Widen Runway Final Design: The Tentative Allocation was submitted for this Project on 05/04/17 and accepted on 05/24/17. The Grant was awarded by the BOA on 8/15/2017 and final design is underway. Coordination has taken place with the Chester County Conservation District regarding NPDES Permitting and the existing permit is expiring in February 2018; therefore a new permit application will be prepared and submitted in early 2018. The Notice of Termination for the existing permit was received by the Airport on 12/12/17 and will be submitted to the CCCD.
4. BOA Planning Session. BOA Planning Session was held 11/09/17 at 11:00 AM in Lancaster. Items discussed included adding the Corporate Hangar Construction project to the ADP in three phases for Design, Site Improvements and Hangar Construction, as well as adding a project for the construction of a Equipment Storage Building.
5. Anticipating grants for:
 - a. Mitigate Approach Obstructions RW 9-27, Ph I: Develop Mitigation Plan - \$166,666
 - b. Mitigate Approach Obstructions RW 9-27, Ph II: Mitigation \$166,667
 - c. Widen Runway 9-27 for WAAS, PH III: Widen Runway, Construction \$980,000

Doylestown

1. Land Acquisition: The Airport Authority is pursuing additional land acquisition for a parcel adjacent to the northwest portion of the Airport. A Grant has been secured and the Authority is currently working on finalizing the acquisition process. It is anticipated that this will be completed by January 31, 2018.
2. Pave Grassed Tiedowns and Construct Bypass Taxiways: We are currently working on the NPDES Permit comments and plan to bid the project in early 2018 for Spring 2018 construction.
3. Runway 5-23 Rehabilitation: The Authority is working on a Grant for the Design Phases of the Runway 5-23 Rehabilitation Project. We anticipate this project being designed in 2018 and bid for 2019 construction.
4. Anticipated grants for:
 - a. Remove Obstructions RW 5 Approach, Ph: III \$210,000

- b. Construct Bypass Taxiways on R/W 5 and 23 Ends \$388,888
- c. Pave Grass Tiedowns \$333,334
- d. Acquire Land for Future Airport Development (29.26 Ac.), Parcel 6-4-9 (Goff) \$3,000,000
- e. Rehabilitate Runway 5-23, Ph I: Design \$166,666

Heritage Field

1. Crack Seal & Marking: This project was completed in mid-September and has been closed out.
2. Obstruction Removal: Airport is continuing with our obstruction removal program on the south side of 10.
3. SRE: The Snow Removal Equipment Acquisition is out to bid with bids being received on Friday, December 22, 2017. It is anticipated that the SRE Equipment will be received in February 2018.
4. 2017 Special Events:
 - a. The Airport is hosted a community fun-run and aviation exhibition the evening of Friday June 16th continuing our efforts of community outreach and inclusion.
5. BOA Planning Session. BOA Planning Session was held Thursday, November 2 – 1:30 pm in Lancaster.
6. Anticipated grants for:
 - a. Rehabilitate Taxiway A, Ph I: Design \$142,500
 - b. Acquire Snow Removal Equipment \$125,000

New Garden Flying Field

1. Runway Widening and Reconstruction, Phase 2 - Construction. A Substantial Completion inspection of this project was held on 10/27/17 and a Punchlist developed. It was decided at the inspection that the Primary electric relocation work included under Add Alternate No. Three (3) would be removed from the Contract and rebid as a separate Project. The Contractor is working on the Punchlist items and it is anticipated that they will be completed this week. Change Order No. Three (3) for an adjustment to final quantities is being prepared, but the Contractor has made a claim for additional compensation that is being addressed. Once resolved the Final Inspection will be held and the final Change Order/Payment Application submitted for approval. It is anticipated that this Project will be closed in January 2018.
2. FAA/BOA Compliance Inspection: The FAA and BOA conducted a compliance inspection at the Airport on 07/17/17 and issued a Land Use Inspection Report on 08/02/17. The report identified discrepancies on the ALP/Exhibit A Property Map, the location of a runway designator marking during the temporary displaced threshold for construction, storage of non-aeronautical vehicles on airport property, non-aviation related uses of airport facilities, non-aviation related structures located on airport property (DEP Ozone Monitor and residential house) and confirmation of the RSA Grade off the Runway 24 end. A response was submitted on 09/28/17 and a confirmation letter received from the FAA on 10/04/17 outlining that an update to the ALP/Exhibit A shall be submitted within the 3 years of the letter, that Land Release Requests must be

submitted for the non-aeronautical activities, and the house within the approach to RW 24 must be vacated within the next 2 years.

3. LPV Survey Grant: The Bureau of Aviation offered the grant for the conduct an aeronautical survey for the LPV approach into N57 on 10/10/17 and it was accepted on 10/11/17, but after grant modifications were requested for a new resolution it was finally accepted on 12/13/17. Grant amount is \$165,375. The airport was flown in September and the field work was completed in late October/November 2017. The imagery plan was approved in AGIS on 11/28/17 and we are currently preparing the Imagery data for upload into AGIS for approval.
4. Inside the Search for Amelia Earhart: On October 12th, Ric Gillespie will present an overview of what TIGHAR has learned about what happened to Amelia and announce new developments in TIGHAR's investigation. In addition, Ric will provide insights into the controversy surrounding the recent History Channel documentary. There will also be copies of Ric's book for sale and signing. The event is held from 7:00pm to 9:00pm in the Aviation Center at New Garden Flying Field. Coffee and desserts will be served as part of the evening.
5. BOA Planning Session: The BOA Planning Session was held on November 8th at 1:30 PM in Lancaster.
6. Anticipate grants for:
 - a. LPV Survey - \$158,334
7. 2017 Airport Activities:
 - a. EAA Pancake Breakfasts was held October 7th.

Northeast Philadelphia Airport

1. Parking lot, fencing, and runway reconstruction projects are underway.

Philadelphia International

1. A number of improvements and projects are being undertaken such as offering new international flights, demolishing the former USPS facility, updating directional signage, and accommodating Uber and Lyft operations.

Quakertown

1. Runway 11 Approach Obstruction Removal. We are working with the BOA on getting a project ready to bid for both ends of the Airport to address daytime and nighttime obstructions. We hope to bid this work in January 2018 so that it can be completed in Spring 2018.
2. Runway 29 Approach Obstruction Removal. We are working with the BOA on getting a project ready to bid for both ends of the Airport to address daytime and nighttime obstructions. We hope to bid this work in January 2018 so that it can be completed in Spring 2018.
3. Easement Acquisition. The Authority is working on acquiring easements for the properties under the Runway 11 and 29 approaches to allow access for the Obstruction Removal projects.

4. Equipment Storage Building Rehabilitation: Work on the Equipment Storage Building is progressing nicely. All that remains to be completed is the sealing of the concrete floor, the installation of the interior wall insulation, and the application of the exterior paint. Due to the weather requirements, the application of the exterior paint will be held until Spring 2018, but all other work is anticipated to be completed by December 31, 2017.
5. Rehabilitate/Expand Terminal Apron: Design work on the Rehabilitate/Expand Terminal Apron project is progressing smoothly and the project should be ready to submit for bidding in January 2018.
6. Land Acquisition: The Authority acquired another parcel of land under the Runway 29 Approach and will proceed with removing all tree obstruction on the property.
7. BOA Planning Session: BOA Planning Session was held 11/07/16 at 1:30 PM in Lancaster.
8. 2017 Special Events:
 - a. The pilots continue to have "Young Eagles Day" at the Airport on a monthly basis.
9. Anticipated grants for:
 - a. Demolish Existing Equipment Storage Building and Construct New Equipment Storage Building \$300,000
 - b. Mitigate RW 29 Approach Obstructions, Ph IIa: Acquire Easements and Removal \$166,666
 - c. Rehabilitate (Crack Seal and Re-mark) and Expand Terminal Apron, Ph I: Design \$166,666

Van Sant:

1. Operations: Whenever President Trump spends the weekend at his Bedminster, NJ golf club, they can't give Piper Cub or glider rides, and this impacts their ability to make a living.
2. 2017 Special Events:
 - Wings and Wheels September 24th (10:00 AM to 3:00 PM)
 - Dinner and movie nights at Van Sant Airport September 30th.
 - a. RC Planes (5:00 to 7:30 PM)
 - b. Airshow prices Biplane & Piper Cub Rides (2:00 to 5:00 PM)
 - c. Bring Your Kite for Flying (5:00 to 7:30 PM)
 - d. Diner (5:30 to 7:30 PM)
 - e. Movie: Capricorn One

Wings Field

1. Mitigate Obstructions RW 6-24 Approaches: Bids were received on 04/28/17 and The Davey Tree Expert Company was the apparent low bidder in the amount of \$181,658 for Base Bid. Based on discussions with L.R. Kimball and the BOA the scope of this Project was reduced and it was recommended that the WFPA only award the Runway 6 clearing portion of the Contract in the amount of \$116,089.89. A Pre-Construction Conference was held on 08/09/17. Construction NTP for this Project was on 12/11/17 and the tree removal portion of the Project is almost complete. The Project is currently under a Stop

Work Order due to recent snow. The Project is scheduled to resume on 01/08/18 weather permitting. The project is anticipated to be completed in the early Spring of 2018 once weather permits plantings and permanent seeding and mulching of disturbed areas.

2. Crack Seal and Remark RW 6-24: Bids were received on 04/13/17 and there were three (3) bidders for the project. Axtell's Pavement Solutions, LLC submitted the lowest responsive bid for the project in the amount of \$36,905.00. A Pre-Construction Conference was held on 08/09/17. Construction NTP was issued on 10/30/17 and the Project was completed on 11/03/17. A final inspection and project close-out are anticipated for January 2018.
3. BOA Planning Session. BOA Planning Session was held on 11/08/17 at 11:00 AM in Lancaster. Highlights from the meeting included the Obstruction Removal Phase 2 Project for the remaining obstructions not covered under the current project and moving the project for the Construct West Terminal Area Project up in the TYP and including a Phase I Design/Permitting, Phase 2A Site Improvements and Phase 2B for Hangar Construction.
4. Anticipating grants for:
 - a. Upgrade Weather Reporting Equipment (AWOS) \$130,000, TA issued on 9/7/17.

B. New Jersey Airports:

South Jersey Regional

1. Drainage Improvement Around T-Hangars - Project on hold until higher priority projects are completed. **No change since last meeting.**
2. Main Tiedown Apron Rehabilitation - Grant closeout package submitted to FAA for approval on 2 Nov 17.
3. Environmental Study for Obstruction Removal, Phase 1 - Phase 1 is completed. Closeout package sent to FAA for approval.
Environmental Study for Obstruction Removal, Phase 2 - Permit applications are in the process of being completed and mitigation proposals are being prepared. Pre-application meeting will be held with DEP sometime in February and application should be submitted by March 1. Expect at least a 90-day DEP review period before final decision is rendered.
4. Telephone poles removal and utility lines burial. - Grant terminated by FAA. Will submit new grant request paperwork in the near future using revised cost estimates.
5. Environmental Study for Runway Widening/Taxiway Relocation Project - Draft Environmental Assessment document will be sent to the FAA by end of December. Also, need US Fish & Wildlife review. Expect project completion in May 2018.

Trenton-Mercer

1. Taxiway H, B, F Rehabilitation - Construction Phase III - Construction started, but will be put on hold during the winter months. Completion projected for early spring.

2. Taxiway H, B, F Rehabilitation - Construction Phase II - Construction completed. Project will not be closed until sometime in early spring because of soil conservation requirements. No changes since last meeting.
3. Security Fence Improvements - Project completed.
4. Rehabilitate RWY 6/24 Pavement, Lighting & Signage - Construction Phase I - Construction will be halted during the winter months. Completion expected sometime in the spring.
5. Rehabilitate RWY 6/24 Pavement, Lighting & Signage - Construction Phase I - Construction will be halted during the winter months. Completion expected sometime in the spring.
6. Update Master Plan - Master plan document, along with ALP set, have been submitted to the FAA for review and approval.
7. Runway Protection Zone Obstruction Identification - Additional affected property owners have been identified after the recent public meeting, and as a result, additional funding will be requested. No change since last meeting.
8. Reconstruction of Taxiway D & Rehabilitation of Taxiway G - Project has been awarded; however, one of the bidders has filed a protest. Bidding process and documents are under review.
9. Conduct Master Plan Study, Phase 2 - Project actually is a study to determine the feasibility of re-locating the localizer to RWY 6. Project has been approved but not yet started.

State-Wide Projects

1. Pavement Management Study at 17 NPIAS Airports
2. Obstruction Evaluation at Greenwood Lake and Central Jersey Regional Airports
3. GIS for NJ Airports Pavement Management System
4. Obstruction Evaluations

5. Presentations

- **Drexel's UAS Related Research and FAA Center of Excellence for UAS**

Dr. Kurtulus Izzetoglu, PhD is an Associate Research Professor of Biomedical Engineering at Drexel University, Philadelphia, PA. He has conducted human performance and training research for the past 7 years, and has been principal investigator on grants from the DoD, FAA and corporate partners. He has been institutional principal investigator and technical POC for the Drexel University's efforts for the FAA Center of Excellence for Technical Training and Human Performance - COE Solutions for Operational Aviation Research (SOAR), and for the FAA Center of Excellence for Unmanned Aircraft Systems (UAS) - Alliance for System Safety of UAS through Research Excellence (ASSURE).

- **Philadelphia Application in FAA's Unmanned Aircraft Systems Integration Pilot Program**

Gustave Scheerbaum, P.E., City of Philadelphia, Office of Transportation & Infrastructure Systems, discussed the City of Philadelphia's application as "Lead Participant" in FAA's Unmanned Aircraft Systems Integration Pilot Program. The City is looking to develop partnerships between government, UAS operators, and other stakeholders as UAS technology is further developed in the region. The City hopes to be recognized as a premier

test-bed location for UAS research and development and is looking to leverage Philadelphia's diverse institutions and other assets to this end. The anticipated application will concentrate in areas relating to package delivery and infrastructure inspection.

6. DVRPC Planning Activities

- Regional Helicopter Inventory and Aircraft Operations Counting, Ted Dahlburg

7. Capital Funding Program Status

- PA Aviation System Plan draft report will be submitted to PA Jan – mid February. May be published in March.

8. Old Business/New Business/Announcements/Adjournment

The DVRPC RAC Meeting Dates for 2018 are:

- March 12 – Trenton/Mercer Airport (Pfizer Hangar, Trenton-Mercer Airport; RSVP Required)
- June 21
- September 20
- December 20

Attendance

Ted Dahlburg
Najah Jackson
Gary Hudson
Fran Strouse
Matthew Popek
Will Stevens
Michael Boyer
Reiner Pelzer
Gerard Leipfinger
Elaine Farashian
Richard Horstmann
Kirsten Brown
Tony Tezla
Gustave Scheerbaum
Paul Carafides
Dr. Kurtulus Izzetoglu

Affiliation

DVRPC
DVRPC
KMQS
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