



**UNIVERSITY PARK AIRPORT  
SUSTAINABLE MASTER PLAN  
ADVISORY COMMITTEE MEETING SUMMARY**

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August 7, 2013 - 12:00 PM

Project: University Park Airport Sustainable Master Plan

Location: General Aviation Terminal Building, University Park Airport, State College, Pennsylvania

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*The attached report represents this writer's interpretation of items discussed during the meeting. Any corrections or additional information should be brought to our attention for clarifications.*

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**Attendees:**

Sam Bertolino, Adam Brumbaugh, Nate Campbell, Doug Erickson, Chris Groshel, Rick Harner, Gail Hurley, Bob Jacobs, Trish Meek, Katie Ombalski, Ralph Stewart, Tom Tomczyk, Gordon Turow, Bryan Rodgers, Ed Foster, Mark Breukink, Zachary Puchacz

**Items:**

- Bryan Rodgers welcomed all in attendance and led the self-introductions of meeting attendees.
- Mark Breukink reviewed the agenda for the meeting and provided an update on the current status of the project. Mark discussed that the inventory effort of existing facility conditions was complete and work was nearing completion on the inventory items needed for the greenhouse gas assessment and energy audit.
- Mark presented the preliminary projections of aviation demand for enplanements, future air carrier aircraft fleet mix, air carrier operations, general aviation operations, based aircraft, and air cargo. Mark mentioned the draft projections have been submitted to the FAA and are awaiting approval.
- Mark discussed that a survey effort was ongoing to collection information from business tenants, hangar tenants, itinerant users, and commercial airline passengers as well as provide an opportunity for each group to submit feedback about the project. The surveys are being distributed to each user group by and can be accessed on the through the Airport's webpage. The Airport also plans to notify the public about the survey effort through a posting on its Facebook page.
- Mark encouraged the committee to inform interested parties about the surveys so feedback and information can be collected for subsequent project tasks.

An analysis of the Airport's wind coverage was presented by Mark which found the orientation of Runway 6/24 provides adequate wind coverage 94.38% of the time is slightly less than the FAA's recommended coverage of 95% for 10.5 knot crosswinds. A discussion ensued with the group on the necessity of a crosswind runway to improve wind coverage at the Airport. Since there would be many challenges to construct a crosswind runway or reopen the former crosswind runway to

improve the marginal difference in wind coverage, it was decided by the committee that this facility improvement is not anticipated to be needed over the 20-year planning period.

- Mark lead a discussion on the runway length needs of commercial airline aircraft that are currently operating at the Airport and are anticipated to increase in operations over the planning period. In summary, sufficient runway length is available for current aircraft types to reach existing markets served by the airlines. There are a number of commercial aircraft types that would require additional runway length for service to some markets, depending upon the distance of the market from UNV. Additional runway length of 7,500 to 8,000 feet should be planned for to protect the ability to service these potential aircraft and markets in the future.
- In addition, Mark reviewed other infrastructure components that will be reviewed as a part of the facility requirements analysis which will include the airfield, commercial airline terminal building, general aviation facilities, and support facilities such as air cargo, aircraft rescue and firefighting (ARFF) and Airport maintenance facilities.
- An overview of the draft sustainability goals and objectives was presented by Mark. These include:
  - Leveraging the latest technologies to reduce the Airport's rate of energy consumption
  - Enhance the Airport's role as an economic engine to the community by ensuring long-term financial stability and independence
  - Serve as an environmental steward of the Airport's natural resources
  - Strengthen and broaden partnerships with The Pennsylvania State University and other local organizations.
- Mark discussed the next project steps which include:
  - FAA approval of the aviation activity forecasts
  - Reviewing the results from the ongoing survey effort
  - Complete the assessment of facility needs
  - Identify and develop alternatives for future infrastructure improvements
  - Development of sustainability initiatives
- Mark thanked all for attendance and mentioned the next advisory committee meeting will be held towards the end of October. More information about the date and time of the meeting will be made available to committee members once details are finalized.

Respectfully submitted,  
MEAD & HUNT, Inc.

Zachary Puchacz  
Aviation Planner