WELCOME!

T. F. Green Airport (PVD) Master Plan Update Public Workshop

TUESDAY, JUNE 25TH
4pm-8pm
THE CROWNE PLAZA HOTEL
801 Greenwich Ave,
Warwick, RI 02886

WEDNESDAY, JUNE 26TH
4pm-8pm
WYNDHAM PROVIDENCE HOTEL
1850 Post Rd, Warwick, RI 02886

PLEASE SIGN IN HERE
Airside Focus Areas

Airfield design is based on the critical aircraft (>500 annual operations). For PVD, the following aircraft were considered:

- ADG IV/TDG 4
  - Boeing 757-200
- ADG IV/TDG 5
  - Boeing 767-300
- ADG V/TDG 5
  - Boeing 787-900

The following airfield improvements are being considered:

- Runways:
  - Design improvements per ADG
  - Runway-to-taxiway separation
  - Runway exit location

- Other:
  - Pavement condition
  - Hardstand/Remain Overnight aprons
  - Very High Frequency Omnidirectional Range (VOR)

- Taxiways:
  - Design improvements per ADG/TDG
  - Geometry improvements for safety/efficiency
Potential Airfield Improvements
ADG IV Critical Aircraft

No runway extensions or realignments
Potential Airfield Improvements
Runway 5-23 ADG V Critical Aircraft
Runway 16-34 ADG IV Critical Aircraft

No runway extensions or realignments
Terminal Focus Areas

• **Current Terminal Constraints**
  - Aircraft parking positions/gates
  - Outbound baggage makeup
  - Hold rooms
  - Domestic baggage claim area
  - Concessions storage (post security)

• **During the 20-year Planning Period**
  - Most major functional areas will exceed capacity
  - Checked baggage system will handle the demand
  - Check-in and FIS meet demand by standard calculation, but the geometry does not allow for optimal throughput
Terminal Concept 1

7-8 net ADG III Gates
4 net ADG III RONs

Terminal Concept 2

3-4 net ADG III Gates
2 net ADG III RONs

ADG = Airplane Design Group
RON = Remain Overnight Aircraft Parking
Terminal Concept 3

9-10 net ADG III Gates
4 net ADG III RONs

Terminal Concept 4

4-5 net ADG III Gates
4 net ADG III RONs

ADG = Airplane Design Group
RON = Remain Overnight Aircraft Parking

VOR Critical Area
Terminal Concept 5

10-11 net ADG III Gates
8-14 net ADG III RONs

Terminal Concept 6

17-18 net ADG III Gates
4 net ADG III RONs

ADG = Airplane Design Group
RON = Remain Overnight Aircraft Parking
Landside Focus Areas

- Roadway Network
  - Circulation and functional improvements
  - Overall access/gateway

- Parking and Transportation Network
  Companies (TNC) and Taxi Needs
  - Short-term needs
  - Cell Phone Lot
  - Trends to consider:
    - TNC hold areas
    - Potential Autonomous Vehicle (AV)
  - Garage considerations
  - Transit factors
  - Long-term needs

- Terminal Frontage Roadway
  - Arrivals curbside
Long Term Improvements

- Post Road Exit Option
- Cell Phone Lot Option
- Lot D Parking Garage
Short Term Improvements

- Remove shrubbery in loop road turn
- Add wayfinding and navigational signage; Add larger speed limit signs
- Improve pedestrian access to Post Road from terminal: Lighting, Wayfinding, Markings
- Re-time traffic signals
- Add dashed striping and arrow pavement markings
- Relocate or add redundant signal heads
- Add arrivals level overhead signage
- Increase peak hour enforcement
- Encourage use of full curb length
- Add clear directional signing to parking and arrivals curbside
- Continue to monitor TNC traffic & congestion
- Improve pedestrian access to Post Road from terminal: Lighting, Wayfinding, Markings
Cargo/General Aviation Focus Areas

• Cargo Development
  • No immediate needs determined
  • Avoid operations with GA aircraft if possible
  • Consider areas for growth
    • Additional building and aircraft parking positions

• General Aviation – Fixed Based Operator, Corporate, Flight Training
  • Resolve north ramp congestion
  • Consider more efficient use of north area
  • Address conventional hangar demand
  • Consider itinerant aircraft hangar/parking positions
North 1

North 2

North 3

Legend
- Property Line
- Existing Buildings
- Proposed Buildings
- Existing Airfield Pavement
- Proposed Pavement
- NAVAID

Working Draft Concepts—Preliminary
Environmental Considerations
Environmental Considerations