

### **Points of Contact**

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### **Purpose and Mission**

The purpose of the Airports Working Group (WG) is to synthesize, coordinate, and lead the activities of the Joint Planning and Development Office (JPDO) as related to airports. The airport elements that are being explored for NextGen are intended to provide the technology, systems, policy, and regulatory mechanisms and other programs that will enable the airport system to meet the goal of accommodating up to three times the current number of aircraft operations at an acceptable level of service. Essentially, the Next Generation Air Transportation System (NextGen) airport elements are a menu of available services that will be adopted by individual airports as needed, depending on their specific needs and missions. Following the tradition of airport development in the United States, the actual implementation of these elements will be done on a case-by-case basis through local decision-making in cooperation with the airport operator, users, and neighboring communities.

The NextGen Integrated Plan, published in December 2004, establishes the purpose of the Airport WG to "Develop Airport Infrastructure to Meet Future Demand," including:

- **Strategy:** Provide a system that meets or exceeds user demand by integrating airport, airspace and air traffic management design, development, and deployment. Airport infrastructure must address the need to expand in a way that meets future capacity while satisfying the other objectives. This strategy provides customers a wide-range of options for air transportation in an efficient cost-conscious manner.
- **Research areas:** Develop requirements and concepts for servicing a variety of future demands, from maximizing overall metropolitan area capacity to servicing smaller communities. Groundside questions include airport access alternatives and associated transportation, security, and information systems requirements, such as regional airports and city check-in by specific location.

### **Working Group Activities and Products**

The Airport WG provides subject matter expert advice and recommendations for programmatic development of R&D efforts for technology, policy, and systems that are essential to moving airports towards a NextGen system. Accordingly, the members of Airport WG actively participate in and provide meaningful contributions to the ongoing development and revision of the JPDO's planning documents, including the Concept of Operations, Enterprise Architecture, and Integrated Work Plan. Current versions of some of these documents are available on the JPDO website at [www.jpdo.gov](http://www.jpdo.gov). As new and additional information becomes available, these documents are revised to reflect the current thinking of the airport community and stakeholders on NextGen elements. Members of the Airport WG also participate in forums and workshops that are facilitated by the JPDO.

### **Expertise and Skill Mix**

The Airport WG has ongoing needs for individuals with diverse expertise in airport operations, technology, and development. Prospective members should be motivated, objective, and eager to evaluate and explore transformational concepts to improve airports.

NextGen Institute Needs Statement  
Airport Working Group  
September 2007

Individuals from airport authorities, state and local governments, metropolitan planning organizations, academia, aircraft operators (e.g., airlines, general aviation, air taxi, business aviation, etc.), airport and technology consultants, and other stakeholder groups are encouraged to apply and become actively involved in the Airport WG's activities.

As the WG moves forward, expertise is especially needed in the following subject areas:

- Airside Operations (e.g., Ramp Operations, Surface Management Systems, Anti-icing/Deicing Procedures)
- Landside Operations (e.g, Passenger and Baggage Processing, including Off-Airport facilities).
- Management and Finance
- Community Planning and Intergovernmental Relations (e.g., Land Use, Regional Planning)
- Ground Transportation and Intermodal Access

#### **Attributes of Working Group Members**

- Excellent written and verbal communication skills
- Strong leadership skills with a willingness to share expertise.
- Demonstrated ability to objectively represent stakeholder interests in forums, journals, and conferences.
- Ability to balance parochial interests of represented constituency with the need for a national perspective.
- Willing to challenge individual beliefs and assumptions to objectively evaluate transformational concepts.
- Commitment to maintain privacy of draft works until formal release by the JPDO.

#### **Time Commitments**

Members are expected to participate in one or more standing committees within the Airport WG. Standing committees are responsible for completing specific tasks, such as development of a white paper on a transformational concept (e.g., advances in aircraft deicing systems and procedures). The standing committees synthesize available materials from public and private research, including the Transportation Research Board / Airport Cooperative Research Program (ACRP), Federal R&D efforts, academia, and other authoritative sources. Typically, the standing committees will meet on a monthly or bi-monthly basis, with members expected to complete work assignments (such as a written contribution or comments on a white paper) between meetings. Deliverables from the standing committees are forwarded to the Executive Committee of the Airport WG and the JPDO leadership for review, integration, and action.

On a quarterly basis, the full Airports WG will meet at the JPDO in Washington DC to review the activities of the group, share information, and collaborate on future plans.

Teleconference and web meeting services are available for all meetings, although WG members are expected to attend meetings in person at the JPDO to the extent possible.

Participants are asked to commit to serve for a minimum period of two years.