

Investment in the Next Generation Air Transportation System:

Understanding the key cost drivers, and magnitude of costs

- **General Aviation, Leisure and Business**
- **On-demand Air Taxi, Helicopter**
- **Public Services, Agencies and non-Towered Airports**

Name: _____

Position _____

Organization: _____

Telephone: _____ **Fax:** _____

email: _____

Type of Operator/Participant (please check all that apply):

____ GA Personal

____ GA Business

____ GA Corporate

____ GA Instructional

____ GA Aerial

____ GA Sight Seeing

____ GA Air Med

____ Other GA (Please Specify) _____

____ On Demand Part 135 Air Taxi

____ Other On Demand (Please specify) _____

____ Public Service Agency

____ Non-Towered Airport

____ Other (Please Specify) _____



1. The overarching characteristics of the transformed Air Transportation System, NGATS) are:

- **Network-Enabled Information Access for all stakeholders**
- **Performance-Based Services**
- **Weather-Assimilated Decision Making**
- **Layered, Adaptive Security**
- **Broad-Area Precision Navigation**
- **Trajectory-Based Aircraft Operations**
- **“Equivalent Visual” Operations**
- **“Super Density” Operations**
- **Shared responsibility for separation**

2. Given these characteristics, what are the major drivers that would lead you TO invest in new equipment or technology? If possible, indicate the top 5 drivers by numbering them 1-5.

- ____ Mandates
- ____ Enhanced Safety
- ____ Enhanced Security
- ____ Customer Service (for commercial operators)
- ____ Enhanced capabilities
- ____ Access to airspace and/or airport
- ____ Access to information (traffic)
- ____ Access to information (weather)
- ____ Access to information (other) _____
- ____ Reduced cost of operation
- ____ Others _____

3. Indicate the major drivers of cost to you (and provide a relative order of magnitude of cost per flight hour or other relevant metric if possible)

_____ Ownership-related Costs _____

_____ Equipage _____

_____ Operating Costs _____

_____ Maintenance and Repair Costs _____

_____ Training Costs _____

_____ Personnel

_____ Crew Training _____

_____ Crew Planning optimization _____

_____ Engine maintenance _____

_____ Fees _____

_____ Fuel _____

_____ Facilities _____

_____ Customer Service _____

_____ **Other** _____

4. Do you operate internationally? How important to your operations are international standards for flight deck equipment?

5. For those with fleets of aircraft, what ROI and what break-even time period do you look for when evaluating aircraft modification investments?

6. What do you think are the key policy issues that will dictate your costs to operate in NGATS?

7. Do you foresee any changes in the way you schedule, manage, plan and/or fly once NGATS is operational?

Y_____ N_____ *(if yes, please characterize)*

8. What is more important to you, increasing predictability of departure and arrival times, reducing delay or improving access to airspace and airports? Why?

9. Which NGATS capabilities do you believe could have the most favorable impact on your costs? (If you are unfamiliar with NGATS capabilities, can you state what types of ATM improvements would have a large favorable impact on your costs?)

11. Which NGATS capabilities do you believe could have the greatest negative impact on your costs? (If you are unfamiliar with NGATS capabilities, can you state what types of ATM changes would have a large negative impact on your costs?)
