

Flying into the Future: Technologies Moving the NAS Forward

New Technologies Workshop III

January 9 and 10, 2007

Sheraton National Hotel

Arlington, VA

AGENDA

9 January (Day 1)

Morning Session – Theme: Plans for the Future

7:00 - 8:30 Registration. **Exhibit Hall open**

8:30 - 8:45 Opening Remarks
John McGraw, Manager
Flight Technologies and Procedures
Division

8:45 – 9:00 Welcome and Introduction of Keynote Speaker
Jim Ballough, Director
Flight Standards Service

9:00 - 9:15 Keynote Address:
Dramatic Differences
And We've Only Just Begun
Nick Sabatini
Associate Administrator for Aviation Safety

9:15 – 10:00 Joint Planning and Development Organization:
NGATS: Future Directions and Updates
Robert Pearce, Deputy Director
Next Generation Air Transportation System
Joint Planning and Development Office

The NGATS Institute and
Private Sector Engagement
Steve Fisher, Executive Director
Next Generation Aviation
Transportation System Institute

Question and Answer Session

10:00 - 10:30 Break. **Exhibit Hall open**

10:30 - 11:30 Performance-based Navigation
RNAV/RNP: A New Navigation Path
Into the Future
Jeff Williams, Program Manager
RNAV/RNP Group
FAA Air Traffic Organization

Performance-based NAS:
An Implementation Report Card
Dave Nakamura, Technical Fellow
CNS Technical Standards and Regulations
Boeing Commercial Airplanes

Lex Hendriks, Deputy Director
Air Traffic Management Strategies
EUROCONTROL

Question and Answer Session

11:30 - 1:00 Lunch. **Exhibit Hall open**

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10 January (Day 2)

Morning Session – Theme: Innovative Entrepreneurs and the NAS

8:30 - 10:00 Very Light Jets and More: Airplanes Alone Do Not a Revolution Make.

Incorporation of VLJs into the NAS

Jack Harrington
Vice President, Business Affairs
Eclipse Aviation

Weather Information to the Cockpit
It's Impact on Automated
Air Traffic Management

Tenny Lindholm
Manager, General Aviation Programs
Engineering Group
National Center for Atmospheric Research

United Airlines: Implementing a Successful EFB

Rita Schaaf
Automation Manager, Flight Operations
United Airlines

Question and Answer Session

10:00 - 10:30 Break. **Exhibit Hall open**

10:30 – 11:30 SPX “Virtual Co-Pilot”: Improving Safety of
High-Performance Single Pilot Operations

Mark Fischer
Executive Vice President
Aviation Research Group/U.S., Inc.

Augmented Cognition and the Cognitive Cockpit.

LT Jefferson D. Grubb, Ph.D.
Aviation Human Systems Integration
Laboratory
Naval Air Systems Command

11:30 - 1:00 Lunch. **Exhibit Hall open**

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10 January (Day 2)

Afternoon Session – Creating a NAS for all Users

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|-------------|---|--|
| 1:00 - 1:30 | The Challenge of Performance-Based
New Integrated Services:
The Driving Force Behind Technology | Victoria Cox
Vice President, Operations Planning
FAA Air Traffic Organization |
| 1:30 – 2:30 | Automatic Dependent Surveillance – Broadcast | Rick Day
Vice President, En Route
and Oceanic Services
FAA Air Traffic Organization

Captain Ken Speir, Co-Chairman
Air Traffic Management Advisory
Committee ADS-B Working Group |
| 2:30 - 3:00 | Break. Exhibit Hall open | |
| 3:00 - 4:30 | Unmanned Aircraft Systems (UAS)
Pilotless Flight into the Future:
An Integration Challenge | Steve Swartz, Moderator
Flight Technology Requirements Branch

Doug Davis, Manager
UAS Program Office
Aviation Safety Organization

Michael J. Pitts, Director
Unmanned Aircraft Systems Program Office
Office of Customs and Border
Protection Air and Marine
Department of Homeland Security

Pete Mallowney
Vice President, New Business Development
AAI Corporation |
| | Question and Answer Session | |
| 4:30 – 4:45 | Workshop Wrap-up | |
| 5:00 | Exhibit Hall closes | |