

National Airspace System Infrastructure Management Conference
The National Academies, Keck Center
500 Fifth Street, Washington, DC
September 9, 2005

Agenda

7:30 – 8:30 Registration/Continental breakfast

8:30 – 8:40 Welcome – Jasenka Rakas, UC Berkeley and Jack Nager, FAA

8:40 – 9:00 Opening Remarks – Gene Juba, FAA

MORNING SESSION

9:00 – 10:35 NAS Infrastructure Management

Overview of NAS infrastructure inventory, (equipment, services, facilities, people), current management problems and needs, and projects underway.

Moderator: Jasenka Rakas, UC Berkeley

Speakers:

- [Mike Gough, FAA ATO Enroute Services](#)
- [Tom Skiles, FAA ATO Terminal Services](#)
- [Juaida Norrell, FAA ATO Technical Operations](#)
- [Bill Tretter, FAA ATO Technical Operations](#)

10:35 – 10:45 Break

10:45 – 12:00 NAS Infrastructure Security

Issues in aviation safety and security; airport security; NAS facility inspections.

Moderator: William Tippin, Jacobs Facilities, Inc.

Speakers:

- [Christopher Connell, FAA Office of Internal Security](#)
- [Steven Carver, FAA ATO Technical Operations](#)
- [Cenk Tunasar, TransSolutions](#)

12:00 – 1:00 LUNCH

Lunch Speaker: [Arnold Barnett, MIT “Is it Safe?”](#)

AFTERNOON SESSION

1:00 – 2:50 Management of Non-Aviation Infrastructure: The State-of-the-Art

Methodologies, optimization techniques, and critical issues in non-aviation infrastructure sectors.

Moderator: Mark Hansen, UC Berkeley

Speakers:

- [Samer Madanat \(general\), University of California, Berkeley](#)
- [Rabi Mishalani \(facility deterioration\), Ohio State University](#)
- [Paul Schonfeld \(waterways\), University of Maryland](#)
- [Kamal Golabi \(bridges, pipes\), Optima, Inc.](#)

2:50 – 3:00 Break

3:00 – 4:45 Economic Realities of NAS Infrastructure Cost

NAS infrastructure costs for current and next-generation NAS facilities.

Moderator: Samer Madanat, UC Berkeley

Speakers:

- Rich Golaszewski, GRA, Inc.
[“Making the Business Case for NAS Modernization: a Step beyond Benefit-Cost Analysis”](#)
- Frank Frisbie, Apptis
[“The Transition to NGATS Promises FAA savings IF...”](#)

NAS, Transition to New Concepts and Management of the Future

Communications and automation transformation challenges for the future air transportation system and FAA’s plans to both modernize and right-size the NAS surveillance and navigation infrastructures.

Speakers:

- Reza Eftekari, MITRE, CAASD
[“Communications and Automation Transformation Challenges for the Future Air Transportation System”](#)
- David Hamrick, MITRE, CAASD
[“Modernizing the NAS Surveillance and Navigation Infrastructures”](#)

4:45 – 5:00 Closing Remarks

- Gerald Thompson, Jerry Thompson and Associates
- Jasenka Rakas, UC Berkeley and Jack Nager, FAA

5:00 – 6:00 Reception