



# NAVAIDS AND LIGHTING GOVERNMENT / INDUSTRY WORKSHOP SPRING 2003

## Nav aids and Lighting: Planning for the Future

Columbia Ballroom I  
Holiday Inn Capitol, Washington, DC  
April 23, 2003

### Agenda

#### Office of Airport Safety and Standards

Airport Engineering Division, AAS-100

#### Office of Communications, Navigation and Surveillance

Surface Technology Assessment Product Team, AND-520  
Navigation and Landing System Product Team,  
AND-740

8:00 Registration

8:30 Welcome; Introduction; Opening Remarks

8:50 FAA Presentations

- AAS-100, Airport Engineering Division
- AND-740, Navigation and Landing System Product Team
- AND-520, Surface Technology Assessment Product Team

9:45 Break

10:00 **Panel I: TECHNOLOGY** - Seward Ford, Leader

*Light Emitting Diode (LED) Technology: Identifying the benefits and challenges LEDs offer to Airport Nav aids and Lighting*

*The panel members will briefly discuss LED technology and the advantages and disadvantages of using LEDs in nav aids and airport lighting systems. Discussion topics may include: system efficiencies, life cycle cost comparisons to incandescent based systems, LED human factors issues, LEDs' affect on the airport power infrastructure, etc.*

11:30 Lunch

12:45 **Panel II: TRANSITION** - David Rainey, Leader

*National Integration Planning for New Technology: Identifying technical and programmatic challenges associated with transitioning from our current Lighting Technology to New LED-based Lighting Systems*

*The panel members will address the challenges associated with making the transition to new technology transparent to users (pilots, vehicle operators, etc.). The changes in engineering and lighting technology will have to take place without impacting the operational function of nav aids and lighting.*

2:15 Break

2:30 **Panel III: POLICY** - Lansine Toure', Leader

*FAA Policy Review and Changes: What role should the FAA play in defining the scope for the transition to Low Energy Lighting?*

*Many FAA documents exist to ensure standardization and performance criteria for nav aids and lighting. The panel members will discuss those documents affected as well as the changes to them that may be required in order to effectively implement new lighting technology.*

4:00 Workshop Wrap-up

4:30 End of Workshop



### Federal Aviation Administration

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Event Coordinator

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