



**Federal Aviation
Administration**

Improving Runway Safety

ICAO, Global Runway Safety Symposium (GRSS)

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Air Traffic Organization Safety

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Commitment to Improvement

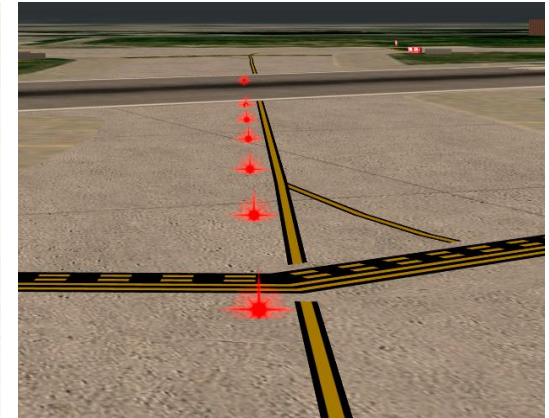
- **FAA has made tremendous progress in improving Runway Safety**
- **Today, the FAA is addressing three top issues: Runway Incursions, Confusion and Excursions**
- **The key to continued safety enhancement is:**
 - Improved technology
 - A focus on human factor issues
 - Increased dialogue between stakeholders
 - New analysis of potential risks



Enhancing Runway Safety Through Improved Technology



ASDE



RWSL



Focus on: Human Factors, Dialogue & Better Analysis

- **Human Factors**

- Communication is critical to minimizing incursions and confusion
 - Direct warnings to pilots about other aircraft and vehicles on runway as well as movement areas

- **Dialogue**

- Improving communication, education and knowledge sharing between controllers, pilots and ground vehicle operators

- **Better Analysis**

- FAA is improving cross-organization coordination, data collection and analysis to address risks

