

SMS – Reducing the Risk of Runway Incursions

Systems Approach to Success

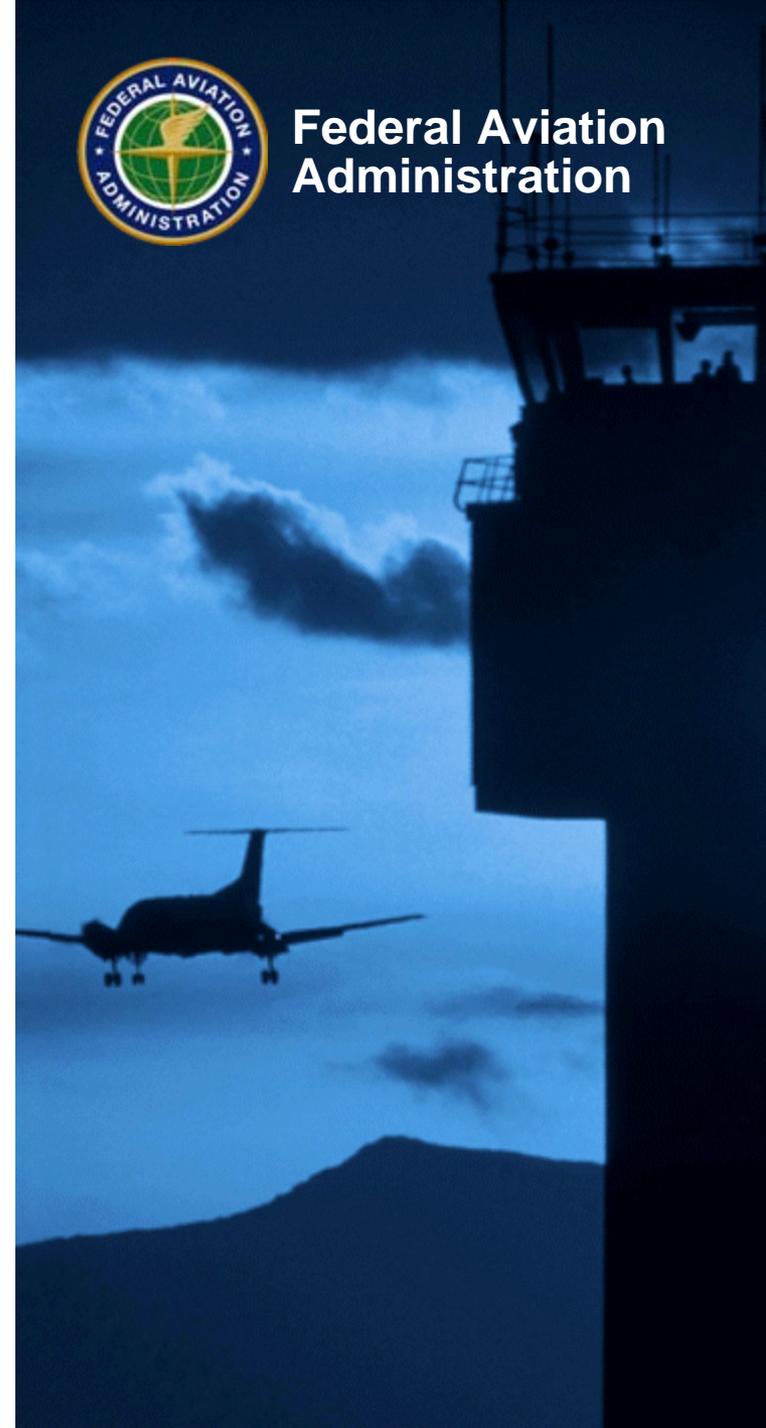
Presented to: 24th Annual Airport Conference

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Date: November 6, 2008



Federal Aviation
Administration

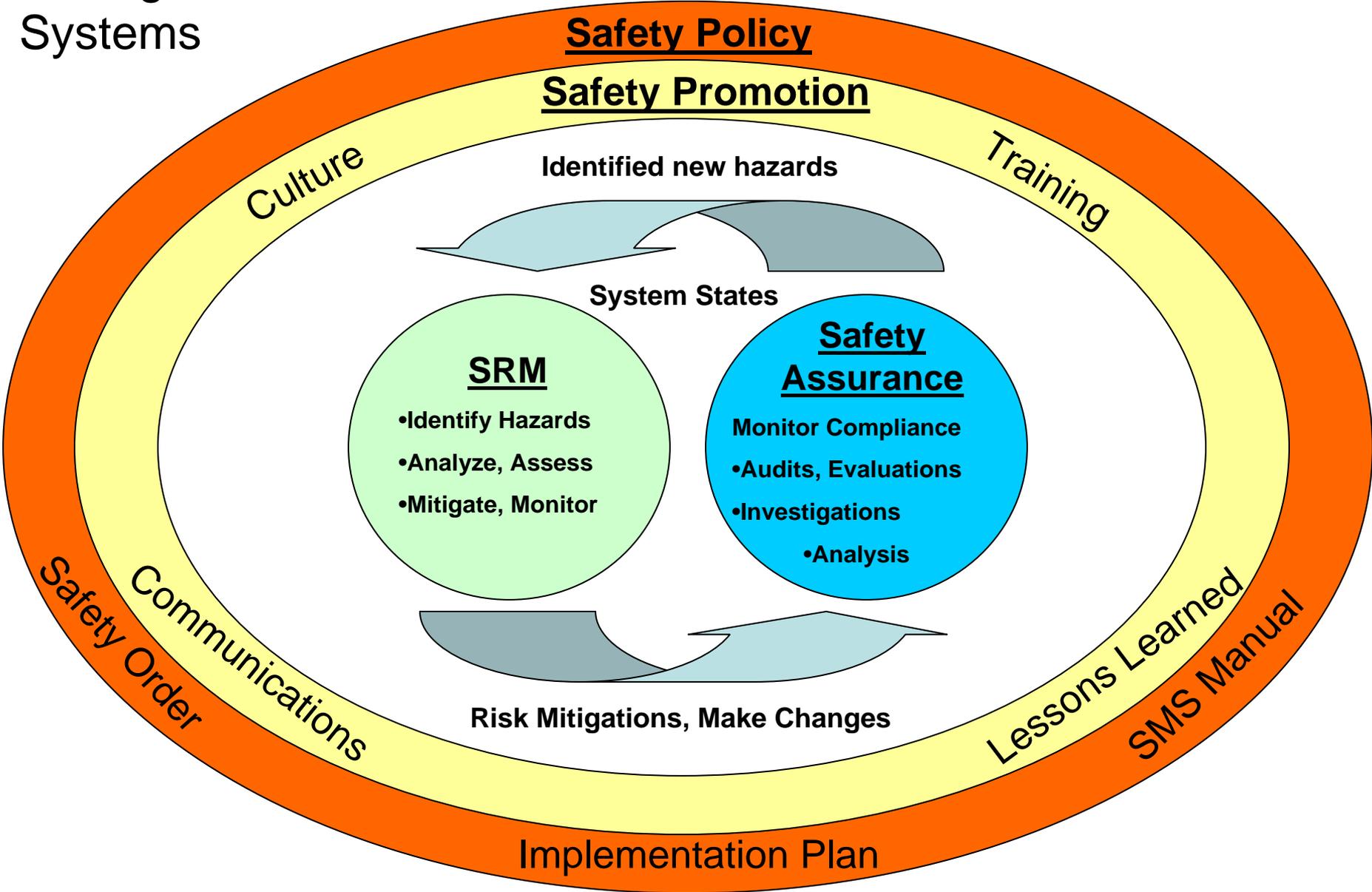


Overview

- **SMS – a quick tour**
- **Runway Incursions – What to do?**
- **Techniques employed**
- **Postscript – A few examples...**
- **Questions?**



Safety Management Systems



Runway Incursions – What to do?

- **Following the SMS Process**
 - Policy
 - Runway Safety Order
 - Updated Blueprint
 - Promotion
 - Standard Runway Safety Action Team
 - Share Information
 - Runway Safety Council
 - SRM (Safety Risk Management)
 - Root Causal Analysis Team
 - Assurance
 - Data Analyses, Audits, Monitor Mitigations, etc.



Techniques Employed

- **Standard RSAT**
 - Common Data collection
 - Shared among similar sized airports
- **Runway Safety Council**
- **Investigate and Discuss all Serious (A&B) and selected category “C”**
- **Examine for Root Causal factors and**
- **Offer Mitigation Strategies**
- **Share Lessons Learned**

Postscript – A Few Examples

- Runway Incursion A
- Runway Incursion B
- **Runway Incursion C**



Questions...

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