

# ICAO Runway Safety Seminar

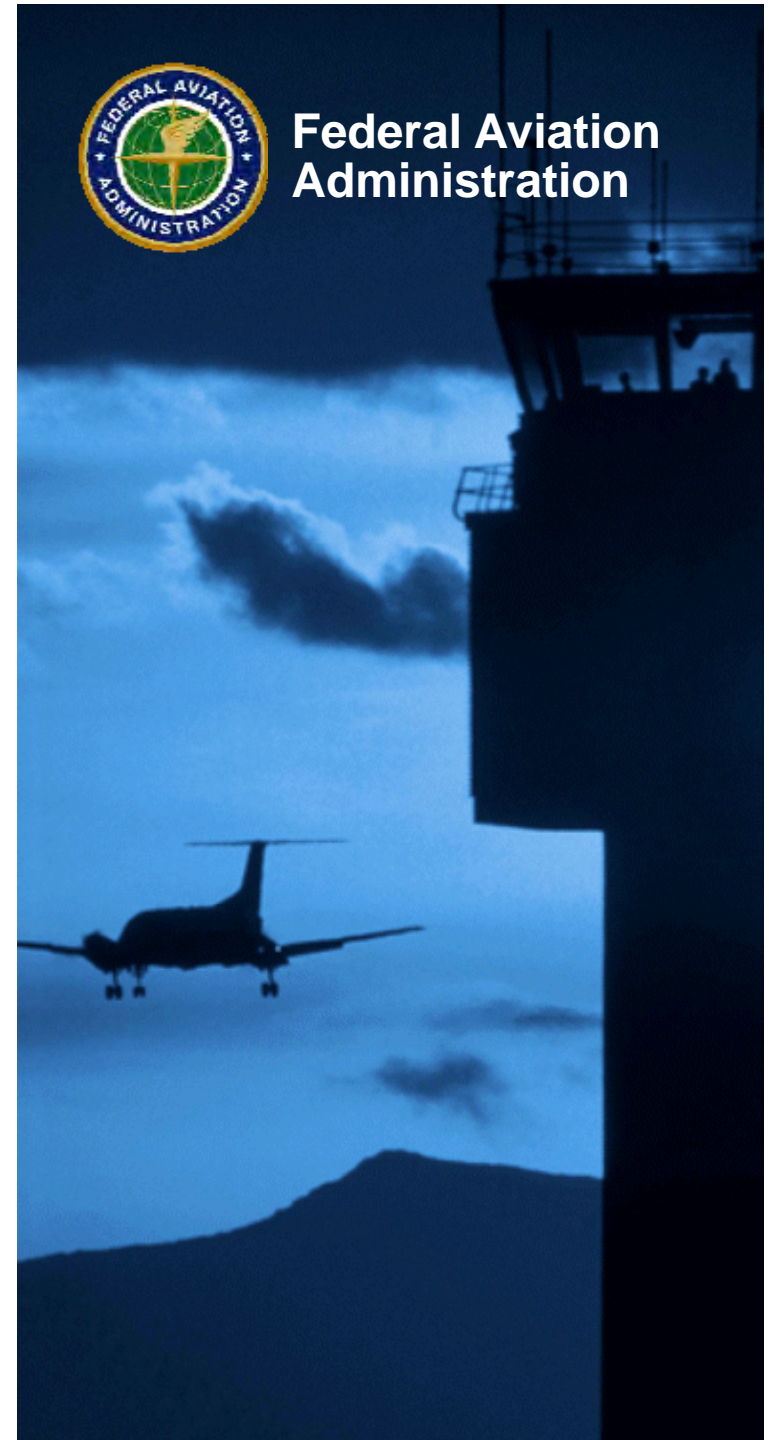
## Conclusions

Presented to: FAA/ICAO Runway Safety Seminar

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# Many Thanks...

- **The FAA and NTSB would like to thank each of the States and their delegates for participating.**
- **Regional Director Awan and Captain Fareed for being such gracious hosts and providing a most comfortable meeting space**
- **Special thanks to the Audio-Visual staff for such prompt and professional support**



# Seminar Observations

- **Very good interaction by all**
- **Lunchtime conversations were very productive and our understanding of the material and its application to your State was better understood**
- **Great start to collaboration and teamwork among the Delegates and the States**



# Seminar “Take-Aways”

- **Runway Safety is more than just Runway Incursions**
- **Teamwork – Vital to success**
- **Collaboration amongst all parties both within, and among, the member States enhances the understanding and possible mitigations of runway safety issues identified**
- **The use of SMS (Safety Management Systems) can enhance your program**

# Seminar “Take-Aways”

- **Each component of the “team” has a role to play**
  - Airport Authority
  - Regulator
  - Pilot
  - Air Traffic Controller
  - Ground operator

# Seminar “Take-Aways”

- **“Human Factors” plays an important role in both the problem and the solution**
- **Education and Awareness are low cost/high gain tools to reduce both the likelihood and severity of runway safety incidents**
- **“Just Culture” – easy to require, difficult to achieve (Must start at the top)**
- **Move from “blame” culture to “learning” culture to “just” culture**

# Seminar “Take-Aways”

- **Data collection and analyses is vital to identification of precursors and the prevention of future incidents**
- **Obtaining all the facts, not just the last few moments, creates better and more complete mitigations**

# Seminar “Take-Aways”

- **Additional topics not covered but would like to see**
  - Post-Accident response (ARFF – newer generation aircraft) and general topic of Emergency response
  - Runway Excursion – discuss prevention
  - Show V/PD simulations – animations
  - Team – how to develop SMS for Vehicle/Ground movements
  - Size/Complexity of RSAT, setting up procedures

# Seminar “Take-Aways”

- **Pilot meetings – how to time them for maximum participation**
- **Emergency response staff also comes to RSAT**
- **Harmonization of procedures by crew/pilot. Pilot traveling from Australia should expect same level service by all**

# Seminar “Take-Aways”

- **Request another meeting to discuss runway excursions in the near future**
- **Highlighted Teamwork**
- **Captain Ali Shah requested all use the info provided, deploy it immediately, don't let it “sit on the shelf”**
- **Discuss technology available, especially low or no cost**
- **Tell ICAO what you need**

# Seminar “Take-Aways”

- [www.nts.gov](http://www.nts.gov)
- [www.faa.gov](http://www.faa.gov)
  
- ICAO Doc 9870
- PANS-ATM 4444



# In Conclusion

- **If we do nothing, we will see another catastrophic event with loss of life**
- **Teamwork is critical**
- **SMS enables us to better understand the issues and mitigate the identified problems**
- **Human Factors contributions cannot be ignored**
- **Find the “root causes” and reduce both the likelihood and severity of the event**

Thank You!

