



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

*A United Nations Specialized Agency*

# The Future of Runway Safety Teams

*RASG-PA Aviation Safety Seminar/Workshop*

*St. Johns', Antigua, 10-12 September 2013*

**Eduardo Chacin**

Regional Officer, Flight Safety

ICAO NACC Regional Office



*“ The multidisciplinary approach we undertook at GRSS 2011 is the only option for coming to grips with the complex set of operational and human factors issues associated with this safety domain.”*

Nancy Graham

Director, ICAO Air Navigation Bureau

# GRSS 2011 Outcome



- ICAO and its Runway Safety Programme Partners are now working together on a series of concrete measures to minimize the risks of runway incursions, runway excursions and other events linked to runway safety by:
  - Establishing, promoting and enhancing multi-disciplinary Runway Safety Teams (RSTs) at individual airports



# Regional Runway Safety Seminars - RRSS

- ICAO and its Runway Safety Partners are committed to presenting Regional Runway Safety Seminars (RRSSs) to promote the establishment of Runway Safety Teams (RSTs) as a means of addressing runway safety issues



# RRSS Outcome



- Regional Runway Safety Seminar (RRSS) events will result in action plans to:
  - Create Runway Safety Teams - RSTs
  - Provide support to those already in place



# Follow Up Activities

- Progress will be monitored with updates provided to all partners through Regional Aviation Safety Groups (RASGs) and other appropriate means
- Reduction of risks will be monitored on a regular basis, with follow-up actions taken as required
- Communication and outreach plans are being established

# Runway Safety Team (RST) Role



- Develop an action plan for runway safety
- Advise management on potential runway safety issues
- Recommend strategies for hazard removal
- Mitigation of the residual risk

# RST Composition



- Representatives from:
  - Aerodrome operations
  - Air traffic service providers
  - Airlines or aircraft operators
  - Pilot and air traffic controller associations
  - Any groups with a direct involvement in runway operations



# Action Items of RST

- Specific runway safety concern, issue or problem at that aerodrome
- Including changes to:
  - Physical features of, or facilities at, the aerodrome
  - Air traffic control procedures
  - Airfield access requirements
  - Pilot and vehicle operator awareness
  - Production of hot spot maps

# Effectiveness



- Completed action items should be assessed by comparing the results of the initial analysis and the current status
- If it shows little or no improvement in the number of occurrences the implementation of that action item should re-evaluated

# Education and Awareness



- There are many sources of information from the ICAO's Runway Safety Programme Partners
- Visit: ICAO Runway Safety Site: <http://www.icao.int/safety/RunwaySafety/Pages/Toolkits.aspx>

# Regional Aviation Safety Group-Pan America (RASG-PA) Role



- Support the creation of RSTs
- Support RSTs in place
- Include the implementation of RSTs in the RASG-PA Aviation Safety Seminars and Workshops
- Monitor the progress of the implementation of RSTs
- Review and collect information
- Report to ICAO

# Regional Plan for Creation of RSTs



- Commitment to develop RSTs by Regional States and stakeholders
- Identify RST mentors
- Identify champions
- Select pilots airports
- Set the timeframe
- Monitor progress

# National Plan for Creation of RSTs



- Commitment to develop by State and stakeholders
- Set the timeframe
- Goal to establish a RST at the busiest airport
- Establish RST in other airports

# Potential Blockers

- Lack of resources to establish RSTs
- Differences between CAAs and airport operators
- Airport operators may not recognize safety enhancement benefits
- Data sharing
- Lack of resources to implement mitigations



# Current Regional RST Initiatives

## States:

- Costa Rica
- Cuba
- Jamaica
- Mexico
- United States (Local Runway Safety Teams)



# Summary



- An effective implementation of the ICAO SSP and SMS will enhance safety
- Deficiencies in airport facilities, wildlife, NAV aids, etc., are contributing factors for accidents in LATAM/CAR
- States must comply with ICAO SARPs
- The implementation of an effective Runway Safety Team in your location would contribute to improve runway safety
- ICAO is ready to assist you



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**Thank You**

**Contact: Eduardo Chacin  
echacin@icao.int**

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