ICAO | SAFETY

P/10
Regional Aviation Safety Group – Pan America
(RASG-PA)

STATUS REPORT

Presented by the RASG-PA Co-Chair:

Carlos Cirilo, IATA

RASG-PA Introduction

✈ First in the World (2008)

✈ Multi-regional (NAM/CAR and SAM Regions)

✈ States/Territories, International Organizations and Industry

✈ Aligned with Global Aviation Safety Plan (GASP)

✈ Data-driven / Results oriented

RASG-PA Procedural Handbook 4th Edition

New Mission & Vision
New RASG-PA structure
New ESC composition

VISION

✈ To remain ahead of any risks to commercial aviation, seeking to achieve the highest level of safety in the Pan American Region.

MISSION

✈ To reduce fatality risk in commercial aviation by ensuring prioritization, coordination and implementation of data - driven safety enhancement initiatives in the Pan American Region through the active involvement of all civil aviation stakeholders.

MEMBERSHIP

34 NAM/CAR/SAM States, 19 Territories and…

RASG-PA Chairmanship

✈ Composed by two Co-Chairpersons:

  ✈ ESC member representing States/Territories

  ✈ ESC member representing International Organizations/Industry

✈ ESC members representing States/Territories and International Organizations/Industry shall propose their respective representative as Co-Chairperson for ratification by the RASG-PA membership

RASG-PA Co-chairs

State/Territories Co-Chair

Juan Pedro Irigoin

Argentina

Industry Co-Chair

Carlos Cirilo

IATA

ESC

Membership is based on:

- ✈ Geographical balanced representation within and between the NAM/CAR and SAM Regions

- ✈ Balanced representation between States and international organizations/industry

- ✈ Balanced diversity of interests and areas of expertise in civil aviation

- ✈ A manageable number of members to function effectively as an executive body

ESC cont.

Membership is composed by 16 representatives from:

- ✈ Four States from the CAR/NAM Regions
- ✈ Four States from the SAM Region
- ✈ Eight international organizations/industry
- ✈ ICAO NACC and SAM Regional Offices

New ESC Composition

ICAO - SAM	ICAO - NACC	Industry
Argentina	Canada	ALTA
Brazil	Guatemala	IATA
Chile	Trinidad and Tobago	CANSO
Colombia	USA	Embraer
		Boeign
		Airbus
		ATR
		FSF

RASG-PA Structure
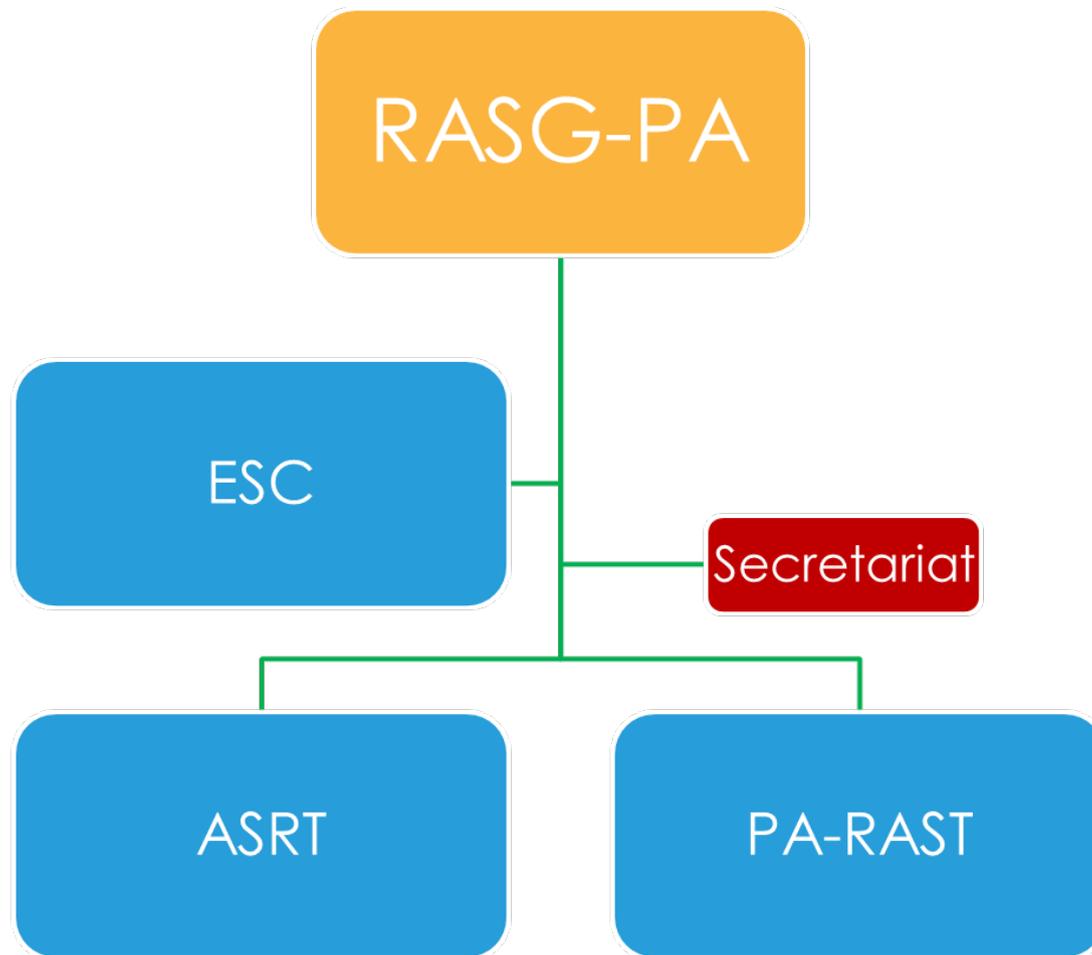
RASG-PA Framework
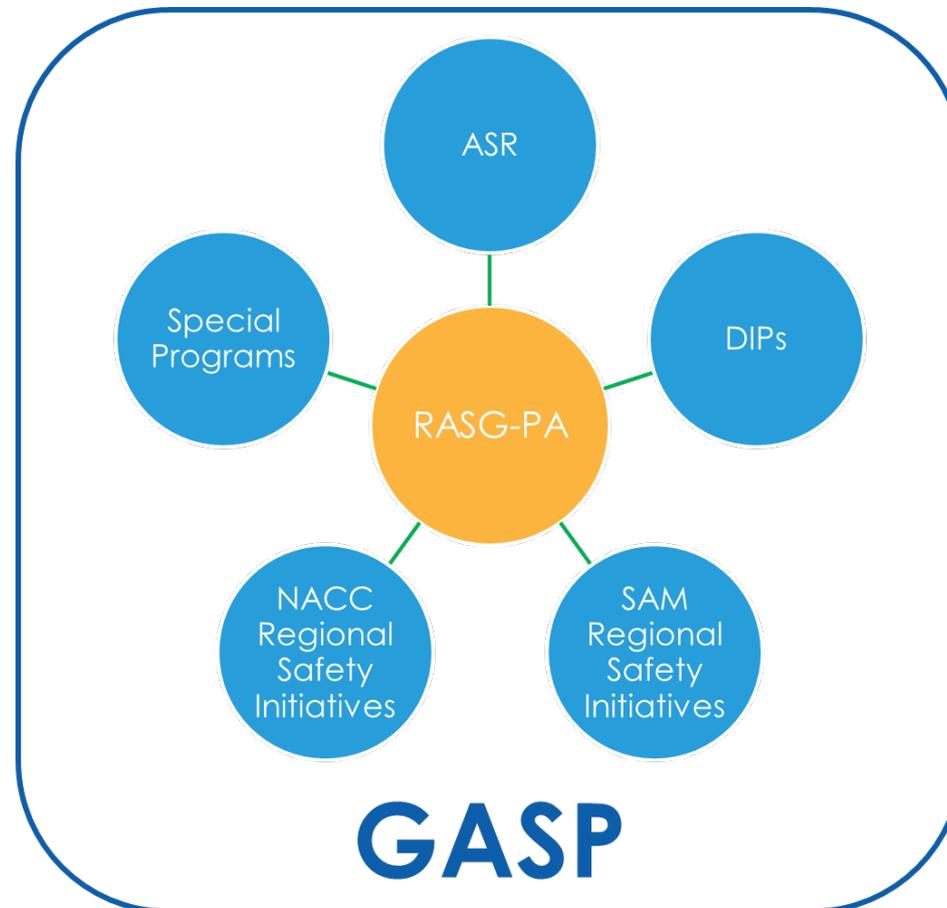
2017 RASG-PA Work Program

- ✈ 2 ESC Meetings
    - ✈ LIM: May 4-5
    - ✈ MEX: Oct 17-18

- ✈ 4 PA-RAST Meetings
    - ✈ MIA: Feb 14-15
    - ✈ VVI: May 23-25
    - ✈ FLL: Aug 22-24
    - ✈ POS: Nov 7-9

- ✈ 1 ASRT
    - ✈ LIM: Jun 6-8

NACC Regional Safety Initiatives
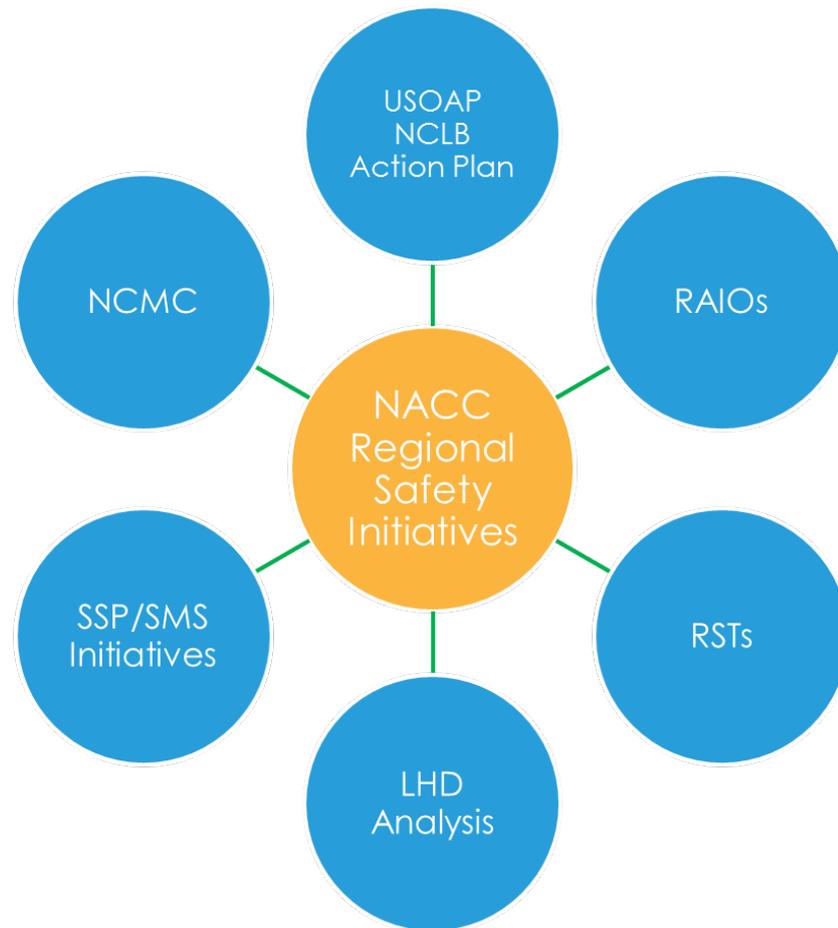
SAM Regional Safety Initiatives

RASG-PA Objective

Reduce fatality risk for part 121 operators by 50% by 2020 based on 2010 numbers

LATAM/CAR Fatality Risk per Million Flights
5 Year Rolling Average

Data labels: 1.15, 1.16, 1.05, 0.76, 0.69, 0.45, 0.28, 0.575

Legend: 5 YEAR ROLLING AVERAGE — RASG-PA 50% REDUCTION OBJECTIVE — FATALITY RISK (yearly)
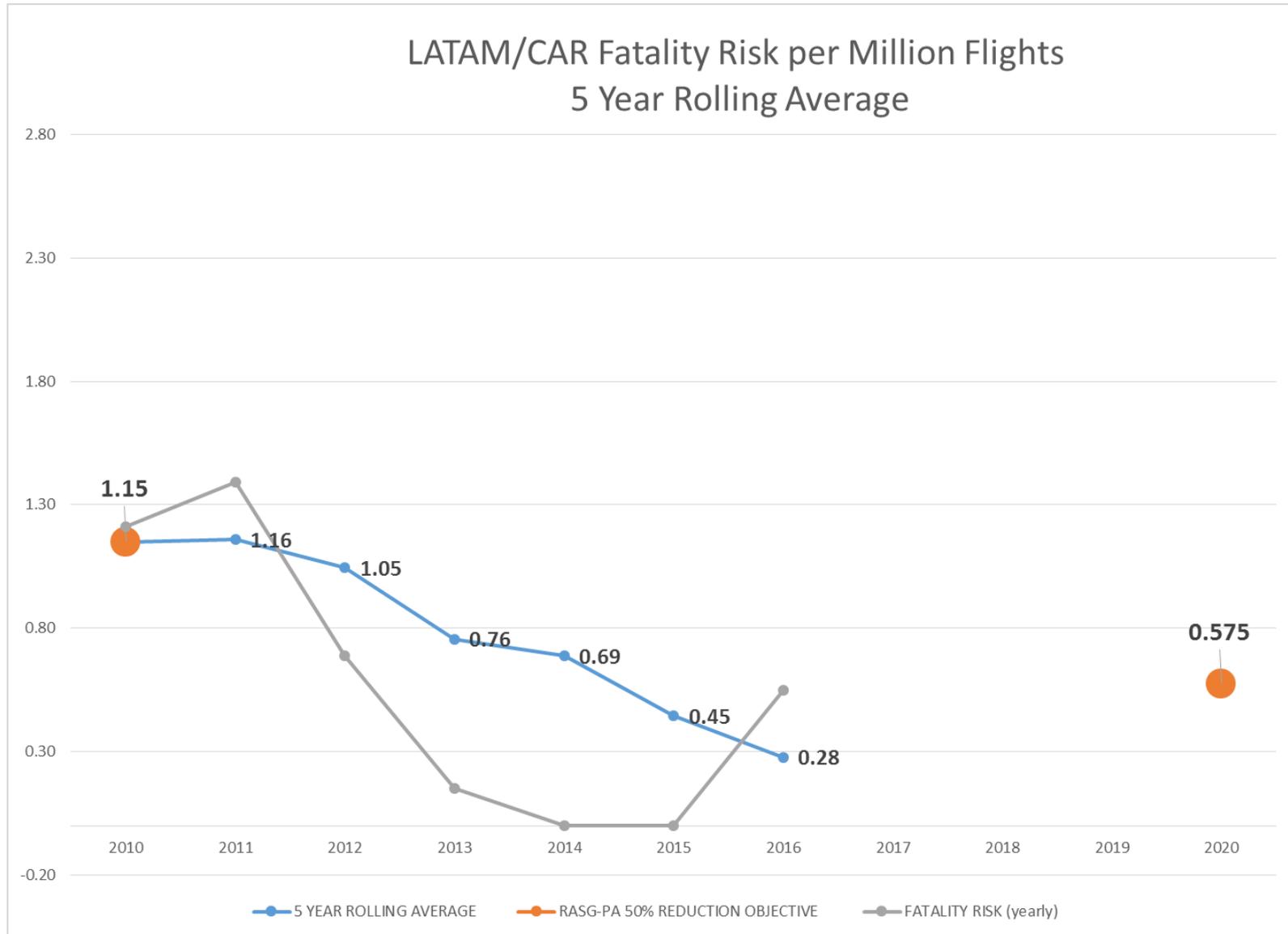
Safety Trends
LATAM/CAR 2005-2015

Accident Frequency and Survivability

Note: Circle size increases as total fatalities increase
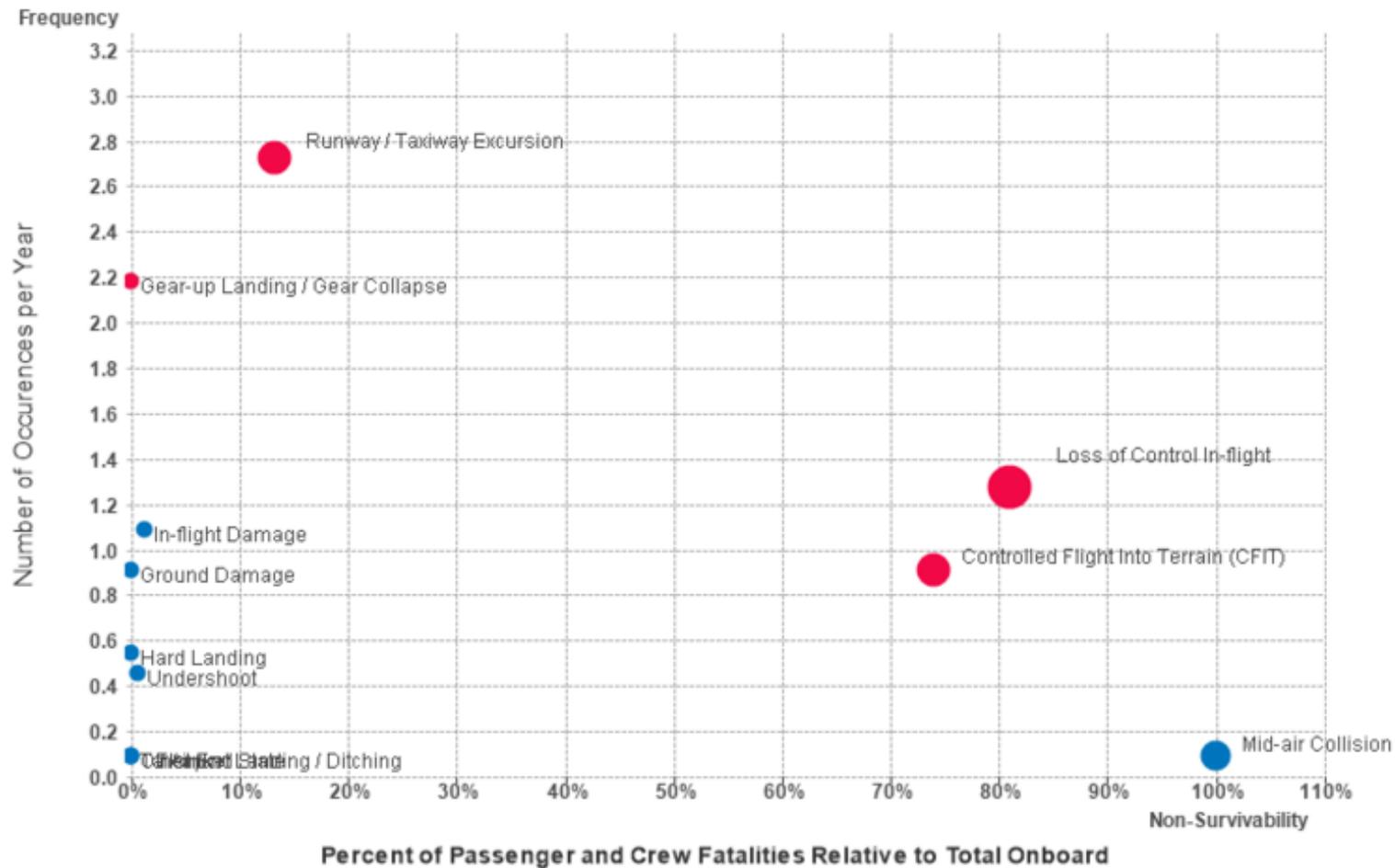
RASG-PA develops Safety Enhancement Initiatives (SEIs) and Detailed Implementation Plans (DIPs) for the top accident categories in Pan America

Runway Excursion (RE)

Controlled Flight Into Terrain (CFIT)

Loss of Control-Inflight (LOC-I)

Mid-Air Collision (MAC)

2014 – Current Work

11 New DIPs
(2 CFIT, 4 RE, 5 LOC-I, MID-AIR)

2 completed

2 MID-AIR under development

20 Associated Outputs:

4 completed
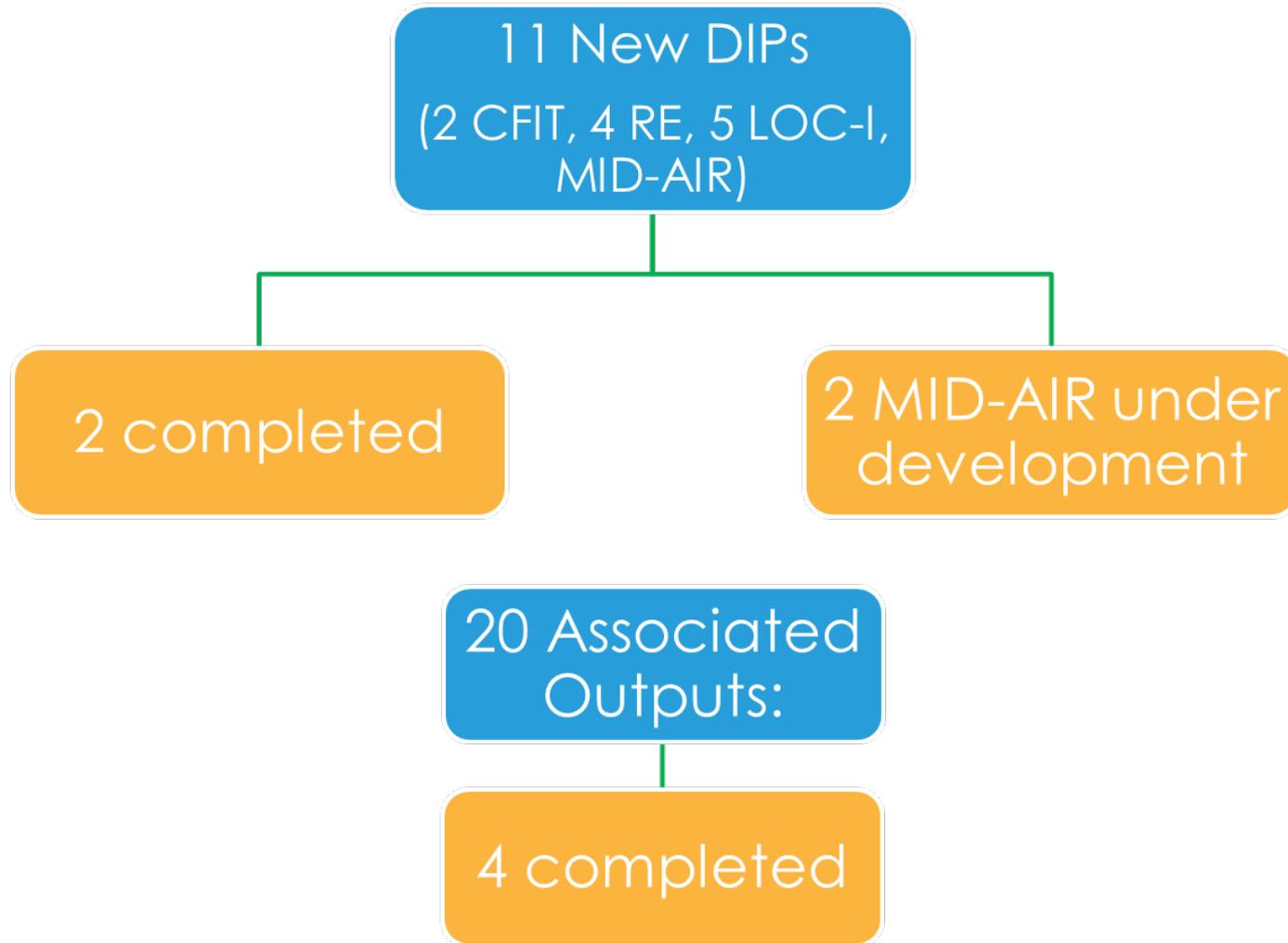
RASG-PA publishes
Annual Safety Reports
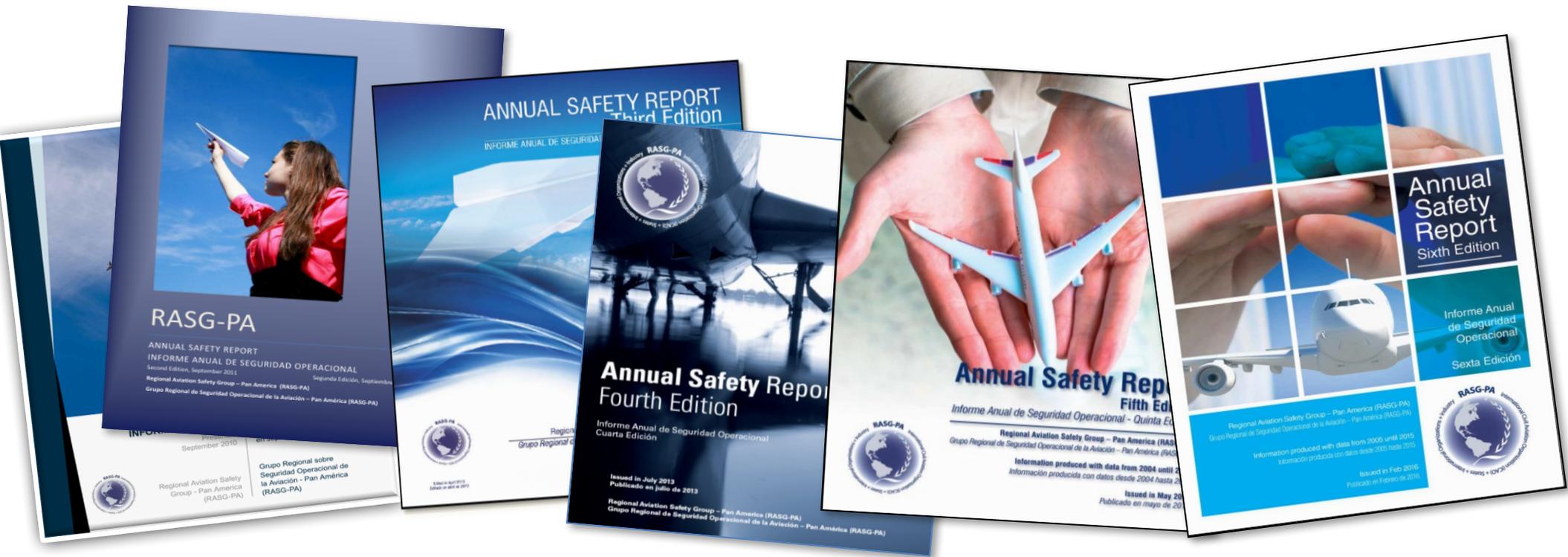
RASG-PA has a dedicated website:

www.icao.int/RASGPA

Completed RASG-PA Special Projects

- ✈ **ALTA & IATA:** Use of Std Spanish & English Phraseology in accordance with the ICAO PANS-ATM – Air Traffic Management (Doc 4444)
  - Pilots/ATC Workshops to be delivered

- ✈ **Costa Rica DGAC:** Flight Information Quality Assurance (FOQA) Programme in Central America (PASO in Costa Rica)
  - To be adopted in other States

- ✈ **FSF:** CAR and SAM Regions Safety Information Project
  - Group activity – on going

RASG-PA created the Guide for maintaining runways in accordance to Annex 14 (English, Spanish and Portuguese)

RASG-PA created the Proposal for Amendment to Aeronautical Legislation to Protect Safety Information Sources

2012

Proposal for Amendment to Aeronautical Legislation to Protect Safety Information Sources

Regional Aviation Safety Group-
Pan-American (RASG-PA)
Project GSI # 3.A
Approved 22 October 2012

Undergoing RASG-PA Special Projects

✈ **ATR:** FDAP - Flight Data Analysis Program (Annex 6 FDM requirements review)

Challenges and Opportunities

✈ State participation in the PA-RAST

✈ RASG-PA scope

 ✈ Increase coordination – ICAO Safety initiatives

✈ Aviation forecasted growth - Safety impact

✈ Argentinian Case Study

Conclusions

- RASG-PA has established a solid data-driven process.

- Since its establishment the group has developed several initiatives primarily through PA-RAST work

- Safety is the number one priority for the aviation community

- Collaboration is the key to improve even further RASG-PA work

- There is still room for improvement

- We need commitment from all stakeholders

Thank You!
Gracias!
Obrigado!