Priorities for the region

(by each technical area)

Agenda Item 3

Mexico City, Mexico 13 May 2019

Priorities for the region - AIM

Support the implementation of AIM requirements, as defined in Annex 15, 16th Ed. and in PANS-AIM :

• development of guidance material for PANS AIM, and development of AIM web-based guidance;

• identification of specific training needs and development of AIM training programmes;

• development of a methodology to measure States performance and implementation on the provision of quality-assured and digital/electronic aeronautical information;

• assistance to States to transition to AIM (Go-Teams)

Main ICAO AIM Topics for possible Projects:

1) AIM Awareness
2) AIM Training
3) QMS Implementation & Oversight
4) Data Origination LoAs
5) WGS-84
6) Electronic Aeronautical Charting
7) Digital NOTAM
8) Digital Data-sets
9)AIM inter-operability
10) AIM for SWIM
11) AIM for drones

Priorities for the region - ATM/SAR

✈ Support the establishment and strengthening of States' safety oversight capabilities for air navigation services.

✈ Promote States contingency and emergency situations planning and response.

✈ Support the establishment of Search and Rescue Services.

✈ Enhance safety performance measurement for ATS provision.

✈ Support PBN Implementation.

✈ Support ATFM Implementation, Operation and Regional Coordination.

✈ Support airspace optimization initiatives for the CAR Region.

Priorities for the region - CNS

- ✈ Support CAR Region Implementation:
  - ✈ States support in the AIDC implementation through missions.
  - ✈ Support MEVA IV phase implementation.
  - ✈ Support radar data sharing implementation

- ✈ Support development of aeronautical knowledge:
  - ✈ Development of a seminar to promote the implementation of GNSS procedures in the region.
  - ✈ Development of a seminar to introduce the new version of the GANP.
  - ✈ Project management training to MCAAP Member States, to support aeronautical Project Implementation.

Priorities for the region - MET

✈ Enhancement to Aeronautical Meteorology service and data exchange
- ✈ Fellowships to implementation events
- ✈ Hiring of Subject Matter Experts (SME) for specific tasks
- ✈ Technical Assistance Missions (TEAM)

✈ Safety Oversight of meteorological services for international air navigation
- ✈ Hiring of Subject Matter Experts (SME) for specific tasks
- ✈ Technical Assistance Missions (TEAM)

Priorities for the region - FS

✈ ORGANIZATIONAL CHALLENGES

✈ Systemic issues which take into consideration the impact of organizational culture, policies and procedures on the effectiveness of safety risk controls, mitigate the associated risks to manage safety. Management of safety comprises both safety oversight and safety management, collectively implemented through an SSP in respect with the GASP

Priorities for the region - FS

✈ The RASGs utilize available data to determine the region's operational safety risks as :
- Controlled flight into terrain (CFIT)
- Loss of control in-flight (LOC-I)
- Mid-air collision (MAC)
- Runway excursion (RE)
- Runway incursion (RI)

Priorities for the region - FS

✈ CHALLENGES AND PRIORITIES IN REGIONAL SAFETY PLANNING

   ✈ Organizational challenges

   ✈ Operational safety risks

   ✈ Appropriate infrastructure to support safe operations

Priorities for the region - FS

✈ REGIONAL ROLES AND RESPONSIBILITIES FOR GASP IMPLEMENTATION

✈ Priority to regional safety concerns. Regional SEIs is adapted to address issues faced by the States.

✈ The RASGs coordinate the planning process based on the GASP SEIs

Priorities for the region - FS

✈ BENEFITS OF DEVELOPING A REGIONAL AVIATION SAFETY PLAN

✈ A regional aviation safety plan allows the region to clearly communicate its strategy for improving safety at the regional level to all stakeholders

✈ Helps States be aware of national, regional and international organizational challenges and operational safety risks, and can be used to present a strategy for the management of these issues.

Priorities for the region - FS

✈ CONTENT OF THE REGIONAL AVIATION SAFETY PLAN

✈ The regional aviation safety plan include safety goals, targets, indicators in line with the GASP, as well as a series of SEIs that will be carried out to address regional operational safety risks identified through the safety risk management processes conducted at the regional level by States, industry or other stakeholders.

Priorities for the region - FS

✈ THE REGIONAL AVIATION SAFETY PLAN INCLUDES:

  ✈ Regional plan, including links to national aviation safety plans of States that make up the region and the GASP, safety risks and initiatives planned to address them, other regional safety issues as challenges related to SSP implementation

  ✈ Strategic approach to managing safety in civil aviation, regional safety goals, targets and indicators

  ✈ Other regional safety issues that have been identified by the region and that need to be addressed to improve safety.

  ✈ Monitoring implementation

  ✈ If the regional goals and targets are not met, the root cause should be presented, corrective actions should be developed and reasonable measures should be taken to mitigate those risks.

Priorities for the region - AIR

✈ A s part of the of NACC NCLB/SAP programs: To enhance implementation of SSP/SMS within three regions, starting with Tier 1 and 2 States in coordination with Transport Canada (champion State Authority)

✈ Lead the SSP Regional implementation activities and evaluations

✈ Lead for at least 60% of States CAPS review through the Systemic Assistance Programme (SAP)

Priorities for the region - AIG

✈ Support the implementation of RAIOs in the region

✈ Definition of a framework for SDCPS

✈ Seek for 10% EI Regional improvement in AIG

✈ Support SSP Regional Implementation in the AIG matters

Priorities for the region - AGA

✈ Major emphasis in airport certification:

  ✈ Coordinate and develop aerodrome certification plans with aerodrome operators

  ✈ Create awareness of upcoming amendments to Annex 14, Vol. I on aerodrome operators (e.g. GRF effective 2020)

  ✈ Implementation of RST

Sub-Project / Objective	10. Enhance Aviation Security and Facilitation
2019-10.1	Workshop on Security Equipment and Technology – ICAO event that will be organized in coordination with ICAO SAM Office and IATA

Objectives:

✈ To provide a summary of how key security technologies work and an overview of emerging technologies in order to familiarize participants with the capabilities and performance limitations of security equipment;

✈ To explain to the participants how technical specifications/performance standards are developed; and

✈ To share experience and good practice regarding acceptance tests of security equipment, maintenance protocols, routine testing and other quality control activities involving security equipment.

Requirements: 3 days, 1 SME

Sub-Project / Objective	10. Enhance Aviation Security and Facilitation
2019-10.2	One-Stop Security – (2 missions, one for English-speaking States and one for Spanish-speaking States)

Objectives:

To assist on the different steps which lead to the official recognition of equivalence of security measures (one-stop security) among Caribbean States and among Central American States. This activity is focused on those States which already share a common regulatory framework on aviation security (e.g. CASSOS, COCESNA).

The whole process encompasses several phases, however, for 2019, the project will be limited to the following ones:

✈   Review operations and definition of one-stop-security scope;

✈   Review and harmonization of legislation (primary and secondary regulation); and

✈   Draft of the MoU for the mutual recognition of aviation security measures.

Requirements: 4 days, 2 SMEs (2 missions)

Sub-Project / Objective	10. Enhance Aviation Security and Facilitation
2019-10.3	Workshop on Risk Assessment and risk assessments at two voluntary States (one in English and one in Spanish)

Objectives:

✈ To familiarize CAA inspectors with the methodology for vulnerability and risk assessment;

✈ To harmonize how CAA inspectors carry out and report vulnerability assessment;

✈ To conduct a specific meeting of the National Civil Aviation Security Committee (NCASC) at the chosen States for validating the vulnerability assessment and endorse the risk assessments in accordance with Annex 17.

Requirements: Workshop (3 days, 2 Regional Officers) + 2 missions (4 days, 1 RO, 1 SME)

RISK ASSESSMENT MATRIX

SEVERITY / PROBABILITY	Catastrophic (1)	Critical (2)	Marginal (3)	Negligible (4)
Frequent (A)	High	High	Serious	Medium
Probable (B)	High	High	Serious	Medium
Occasional (C)	High	Serious	Medium	Low
Remote (D)	Serious	Medium	Medium	Low
Improbable (E)	Medium	Medium	Medium	Low
Eliminated (F)	Eliminated			
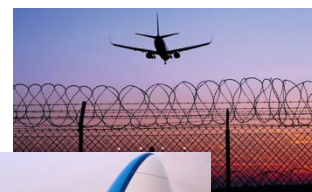
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