CENTRAL AMERICAN AVIATION SAFETY AGENCY (ACSA) • COCESNA

Regional Support for the Implementation of the SSP in Central America

Strategic Pillars: SSP Coordinators | SDCPS | Assessment | Regional CST

1. Regional Group of SSP Coordinators

Objective and Operational Structure

• Permanent Technical Committee: a formal forum for designated focal points from each member state to coordinate progress.

• Procedural Harmonization: standardization of methodological criteria, templates, risk matrices, and common operational safety policies.

• Sharing of Lessons Learned: dissemination of regulatory challenges, practical solutions, and action plans to avoid duplication of efforts.

Results and Regional Impact

• Continuous Monitoring: systematic tracking of national SSP implementation timelines at each authority.

• Unified Regional Matrix: adoption of harmonized guidelines for evaluating regional operational safety performance.

2. Assessment of the SSP's Implementation Status

Guatemala (DGAC)

Assessment of aviation safety governance and interdepartmental coordination.

✓ Review of the SSP regulatory framework.
✓ Mapping of responsibilities across technical areas.
✓ Identification of resource and training gaps.

El Salvador (AAC)

Assessment of monitoring processes and the maturity of safety data collection.

✓ Analysis of institutional capacities.
✓ Coordination of internal/external operational safety committees (in progress).
✓ Identification of resource and training gaps.

Honduras (AHAC)

Structural and institutional strengthening for the management of the national program.

✓ Evaluation of the operational safety policy.
✓ Integration of risk management into surveillance.
✓ Definition of a roadmap for addressing deficiencies.

3. Development of Data Management Tools (SDCPS)

1. Standardized Data Collection and Processing

Tool for the collection and processing of operational safety data (SDCPS), adapted to the regional infrastructure and integrating voluntary and mandatory reports under ICAO/ADREP taxonomies.

2. Intelligence and Predictive Analysis

Generation of dynamic analytical dashboards for calculating Operational Safety Performance Indicators (SPIs) and Operational Safety Performance Targets (SPTs) at the state level.

3. Just Culture and Information Protection

Guarantee of confidentiality and protection of sources in accordance with the principles of Annex 19, to maximize the quality of reports from operational personnel.

4. Training for Inspectors on SMS Monitoring

Evolution of Oversight

Transition from prescriptive compliance with oversight to evaluating the actual effectiveness of mitigation measures.

SMS Maturity Models

Objective methodologies for determining whether operators' SMS are in the initial, reactive, proactive, or predictive phase.

Audit of Critical Processes

Techniques for evaluating change management, operational safety committees, and systematic hazard identification.

Key Technical Competencies

Development of regulatory criteria to support the industry without compromising the rigor of oversight or government independence.

5. Operational Safety Collaborative Group Project (Regional CST)

PARTNERSHIP UNDER A FORMAL REGIONAL AGREEMENT

A pioneering initiative that brings together authorities and the leading airlines in Central America to jointly manage the region's systemic risks under a non-punitive framework.

Major Operators

Active participation by key airlines sharing aggregated operational data.

Formal Regional Agreement

Signing of memorandums of understanding that safeguard the anonymization and strict confidentiality of the information.

Joint Safety Teams

Joint working groups (Safety Teams) addressing common threats: unstable approaches, CFIT, incursions, and weather events, in the medium term.

6. Upcoming Activities

Phase 1: Diagnostic Consolidation

Finalization of corrective action plans derived from the assessments in Guatemala, El Salvador, and Honduras, and Belize

Phase 2: SDCPS

Technical integration of state databases and implementation of regional indicator dashboards.

Phase 3: Formalization of the CST

Plenary formalization of collaborative safety working groups with operators and launch of joint regional mitigation campaigns.

Phase 4: Continuous Maturity

Standardized evaluation by ACSA of the level of maturity achieved by each state across the four pillars of the SSP.

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Thank you!