



ASSEMBLY — 40TH SESSION

TECHNICAL COMMISSION

Agenda Item 28: Aviation Safety and Air Navigation Policy

IMPLEMENTATION OF THE SAM REGION SAFETY PLAN (SAMSP)

(Presented by Bolivia and supported by the following
ICAO SAM States and Latin American Civil Aviation Commission (LACAC) States²)

EXECUTIVE SUMMARY

This working paper presents to the Assembly information on the implementation of the South American Region Safety Plan (SAMSP).

Action: The Assembly is invited to:

- a) support the implementation of the SAM Region Safety Plan (SAMSP); and,
- b) as appropriate, allocate resources for implementation of the Plan through the *No Country Left Behind* initiative and the SAFE project.

<i>Strategic Objectives:</i>	This working paper relates to Strategic Objective <i>Safety</i> .
<i>Financial implications:</i>	N/A
<i>References:</i>	Doc 10004, <i>Global Aviation Safety Plan (GASP)</i> SAM Region Safety Plan (SAMSP) Report of the Sixteenth Meeting of the SAM Region Directors General of Civil Aviation (RAAC/16)

¹ Spanish version provided by Bolivia (Plurinational State of).

² Belize, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Guyana, Honduras, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela.

1. INTRODUCTION

1.1 During the year 2018, the South American States designated a task force to develop the SAMSP. The task force met on several occasions. Once the content of the SAMSP was agreed upon, the draft plan was presented at the Sixteenth Meeting of the SAM Region Directors General of Civil Aviation (RAAC/16) held from 6 to 7 December 2018 in Lima, Peru. The meeting approved the original version of the plan in Conclusion 16/02.

1.2 The SAMSP was updated through May 2019 to include new effective implementation (EI) values and the 2018 accident rates. The updated plan is publicly available on the ICAO SAM Office website at https://www.icao.int/SAM/Pages/ES/Meetings-and-Events_ES.aspx.

1.3 The SAMSP sets out the regional safety strategy for the SAM Region for the period 2020-2030. This regional strategy is based on the implementation and operation of the State safety programme (SSP) and the continuous improvement of the eight Critical Elements (CE) of the safety oversight system.

1.4 The guidelines established by the SAMSP include the development and implementation of the national safety plans and the annual presentation of safety reports.

1.5 For the improvement of safety, the SAMSP sets out strategic objectives, indicators and targets, which are discussed in the following section.

2. SAM REGION STRATEGIC OBJECTIVES, INDICATORS AND TARGETS

2.1 The SAMSP establishes the following objectives, indicators and targets:

Strategic objectives

- a) enhance States' safety oversight capacity;
- b) effective SSP implementation;
- c) achieve continued reduction of safety risks;
- d) reduce accident rates in all aviation sectors;
- e) increase regional collaboration;
- f) expand the use of industry programmes; and
- g) guarantee the appropriate infrastructure for air navigation services and aerodromes to support safe operations.

Indicators and performance targets for improved EI and the safety oversight index (SOI)

	✓ % Improvement in Effective Implementation (EI) ✓ Safety Oversight Index (SOI)					
States with EI:	2020	2022	2024	2026	2028	2030
less than 65% Group 1	EI = 70 % Improved SOI	EI = 75 % SOI > 1	EI = 80 % SOI > 1	EI = 85 % SOI > 1	EI = 90 % SOI > 1	EI = 95 % SOI > 1
between 65 and 74.99% Group 2	EI = 75 % Improved SOI	EI = 80 % SOI > 1	EI = 85 % SOI > 1	EI = 90 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1
between 75 and 80 % Group 3	EI = 80 % Improved SOI	EI = 85 % SOI > 1	EI = 90 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1
over 80 % Group 4	EI = 85 % Improved SOI	EI = 90 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1	EI = 95 % SOI > 1

SSP implementation indicators and targets

Indicators for all States	Targets	
	2022	2025
% implementation of the SSP	Sustainable SSP (100%)	Effective SSP (100%)

Targets for safety management system (SMS) implementation by service providers

2.2 Considering that the States are required to implement a sustainable SSP by 2022, the following targets will be considered for SMS implementation by service providers:

Service Providers	2020	2021	2022
Recognized training organizations exposed to safety risk associated with aircraft operations when providing their services	35 %	70 %	100 %
Aeroplane or helicopter operators authorized to carry out international commercial air transport activities	35 %	70 %	100 %
Recognized maintenance organizations that offer services to aeroplane or helicopter operators dedicated to international commercial air transport	35 %	70 %	100 %
Organizations responsible for type aircraft, engine or propeller type design or manufacture	35 %	70 %	100 %
Air transit service providers	35 %	70 %	100 %
Certified aerodrome operators	35 %	70 %	100 %

Performance targets for the reduction of regional accident rates

2.3 In order to facilitate the reduction of accident rates, the SAM Region has planned an annual reduction of 10 per cent as compared to the value derived from the moving average of rates from the last five years, both for accidents involving scheduled commercial air transport and runway excursion (RE) accidents involving aeroplanes over 5 700 kg. The regional targets for 2019 are as follows:

ACCD Categories	Annual Rates					Average Rates	2019 Targets (10% Improvement)
	2014	2015	2016	2017	2018		
Total Number of Accidents	3.59	1.03	1.08	1.64	3.17	2.10	1.89
RE	0.51	0.51	1.05	1.05	1.05	0.83	0.74

2.4 For aviation sectors which do not come under scheduled or non-scheduled commercial air transport, the States will establish the annual reduction rates (targets) on the basis of the most critical risks in these sectors and on their safety management capacity.

2.5 The SAMSP presents the targets and indicators related to the objectives of increasing regional collaboration, expanding the use of industry programmes, and guaranteeing the appropriate basic infrastructure for air navigation services and airports in support of secure operations.

3. DEVELOPMENT AND IMPLEMENTATION OF NATIONAL SAFETY PLANS AND PRESENTATION OF STATE SAFETY REPORTS

3.1 In order to ensure that the objectives, indicators and targets agreed upon in the SAMSP are achieved, the SAM States shall develop and implement their national safety plans in 2020 and make annual presentations of their safety reports starting in 2021.

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