



WORKING PAPER

THIRTEENTH AIR NAVIGATION CONFERENCE

Montréal, Canada, 9 to 19 October 2018

COMMITTEE B

- Agenda Item 6: Organizational safety issues**
Agenda Item 6.2: Implementation of safety management
6.2.1: State safety programmes (SSPs)

SSP IMPLEMENTATION PILOT PROJECT IN THE SAM REGION

(Presented by Venezuela, supported by SAM States²)

EXECUTIVE SUMMARY

This paper presents the initiative taken by the eleven South American (SAM) Region States, with the support of the ICAO SAM Regional Office, to work together to achieve implementation of their State safety programmes (SSP) through an SSP implementation pilot project. The aim is to produce harmonized legislation and documentation, promote training activities and develop joint safety management tools and coordination meetings in a spirit of regional cooperation to exchange and share safety-related information.

Action: The Conference is invited to:

- a) take note of the information presented in this working paper; and
- b) consider this initiative as a model to foster similar mechanisms in other regions that could help to meet States' safety management needs and the joint commitments and objectives of the regions and the Global Aviation Safety Plan (GASP).

1. INTRODUCTION

1.1 The main objectives of the State safety programme (SSP) are to ensure that a State has established the required minimum regulatory framework and to ensure harmonization between a State's regulatory and administrative organizations as regards their safety risk management roles.

1.2 Thus, the Safety Directors agreed upon safety targets up until December 2016, during the First Meeting of the Air Navigation and Flight Safety Directors of the South American (SAM) Region in Lima, Peru, on 21 and 22 October 2013.

1.3 Furthermore, as of 2013, the SAM Office set up SSP implementation meetings to monitor implementation of these programmes in the SAM Region States. The level of SSP implementation in

¹ Spanish version provided by Venezuela (Bolivarian Republic of).

² Supported by 13 Contracting States (Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Suriname, Uruguay and Venezuela (Bolivarian Republic of)).

SAM States was subsequently assessed at the Fifth Meeting held in Lima, Peru from 7 to 11 November 2016. During this meeting, it was also agreed, with a view to developing a better joint strategy for States' progress, and in light of the fact that some States were showing more progress than others, to:

- a) launch implementation of the programme starting with the first element of the first SSP implementation phase; and
- b) develop a mechanism to enable all States to move forward at the same time.

1.4 The results of the Fifth SSP Implementation Meeting were reported on at the Fifteenth Meeting of the Civil Aviation Authorities of the SAM Region (RAAC/15), held in Asunción, Paraguay from 4 to 6 December 2017, and approval was then granted for the launch of the **SSP implementation pilot project** from 16 March 2017 until the end of 2018.

2. DISCUSSION

2.1 The States of Argentina, Bolivia, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Uruguay and Venezuela currently participate in this project. Each of the Member States contributes experts, agrees on the documentation to be developed, provides tools to be used jointly and exchanges concerns, knowledge and experiences through teleconferences and face-to-face meetings that help to facilitate implementation of their SSPs.

2.2 The **results obtained** from this SSP implementation pilot project include, inter alia:

- a) a clear understanding of the legal and organizational aspects of the SSP as well as the presentation of options for effective safety management that can be adapted to the realities of each State;
- b) the definition of the correct procedures required to support safety management processes that include models based on risk management;
- c) the establishment of criteria, classifications and technical requirements for the design of safety data and information collection and processing systems, which can be adapted to the size, complexity and needs of the States;
- d) harmonization of States' joint safety performance objectives and indicators for safety management purposes;
- e) harmonization of the criteria and requirements related to the approval of safety management systems (SMS);
- f) fostering increased participation in States' promotional activities and facilitation of the sharing and exchange of safety information between States by achieving joint, harmonized results; and
- g) promoting the organization of SSP implementation-related training activities in the States. See **Appendix A** on training activities directly related to the SSP.

2.3 It is foreseen that the framework will be established by December 2018 and work will then continue to strengthen the safety management processes in the States' SSPs by 2019. States' progress is attached in **Appendix B**.

3. CONCLUSION

3.1 The SSP implementation pilot project in the SAM region has been a positive experience. It may provide alternative means for the effective and harmonized implementation of the SSP framework in a cooperative atmosphere between participating States and ICAO in other regions, thereby advancing the goal of "*No Country Left Behind*".

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APPENDIX A

TRAINING ACTIVITIES DIRECTLY RELATED TO SSP

- ✓ SSP Workshop for the Directorate General of Civil Aviation of Peru, from 24 to 28 April 2017, Lima, Peru.
- ✓ SSP Workshop for Uruguay, from 5 to 9 June 2017, Montevideo, Uruguay.
- ✓ SSP Workshop for Colombia, from 19 to 23 June 2017, Bogotá, Colombia.
- ✓ SSP Workshop for Guyana, from 10 to 14 July 2017, Georgetown, Guyana.
- ✓ SSP Workshop for Argentina's JIAAC (Civil Aviation Accident Investigation Board), from 7 to 11 August 2017, Buenos Aires, Argentina.
- ✓ SSP Workshop for the Directorate General of Civil Aviation of Ecuador, from 28 August to 1 September 2017, Quito, Ecuador.
- ✓ SSP Workshop for the General Directorate of Civil Aviation of Bolivia, from 16 to 20 October 2017, Cochabamba, Bolivia.
- ✓ ICAO Regional Symposium on Safety Management for the North American, Central American and Caribbean (NACC) and the South American (SAM) Regions in Lima, Peru, from 13 to 16 March 2018.
- ✓ Risk Based Surveillance (RBS) Workshop for the North American, Central American and Caribbean (NACC) and the South American (SAM) Regions in Lima, Peru, from 19 to 20 March 2018.
- ✓ SSP and Safety Management Workshop for the Civil Aviation Authority of Panama, from 4 to 8 June 2018 in Panama City, Panama.

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APPENDIX B
AVANCE DE LOS ESTADOS SAM EN EL MARCO DEL PROYECTO PILOTO
FASE 1 / PHASE 1

	Org. Apod y Eje. Res / Holder organization and the accountable executive 1.2 (i) a)			Equipo Imple / SSP implementation team 1.2 (i) b)			Análisis brechas / Gap analysis 1.2 (i) c)			Plan Imple / Implementation plan 1.2 (i) d)			Comit. Coord. SSP / SSP coordination mechanism 1.2 (i) e)			Doc. SSP / SSP documentation 1.2 (i) f)			Capac. interna, comunic. y distribuc. de información / Internal training, communication and dissemination of safety information 4.1			Capac. externa, comunic. y distribuc. de información / External training, communication and dissemination of safety information 4.2		
	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso
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10. Uruguay																								
11. Venezuela																								

Completado
En proceso
No completado

FASE 2 / PHASE 2

	Marco Legis / National safety legislative framework 1.1			Responsabilidad / Safety management responsibilities and accountabilities 1.2 (ii) a)			Politica y Objetivos / State safety policy and objectives 1.2 (ii) b)			AIG Indep / Accident and serious incident investigation process self-contained 1.3			Politica de cumplimiento / Basic enforcement (penalty) legislation 1.4 (i)			Vigilancia / Safety oversight and surveillance 3.1 (2) (i)			Educación / Facilitate and promote SMS education for service providers 2.1 (i)			SDCPS 3.2 (i)			Capac. interna, comunic. y distribuc. de información / Internal training, communication and dissemination of safety information 4.1			Capac. externa, comunic. y distribuc. de información / External training, communication and dissemination of safety information 4.2		
	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso	Si	No	En proceso
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FASE 3 / PHASE 3

	Política/legislación de cumplimiento 1.4 (ii) (a) / Pramulgato enforcement policy/legislation 1.4 (ii) (a)			Política/legislación de cumplimiento 1.4 (ii) (b) / Pramulgato enforcement policy/legislation 1.4 (ii) (b)			Política/legislación de cumplimiento 1.4 (ii) (c) / Pramulgato enforcement policy/legislation 1.4 (ii) (c)			Política/legislación de cumplimiento 1.4 (ii) (d) / Pramulgato enforcement policy/legislation 1.4 (ii) (d)			Reglamentar y guiar para implementar el SMS 2.1 (ii) / Develop harmonized regulations requiring SMS implementation 2.1 (ii)			Sistema de recopilación e intercambio de datos (3.2 (i)) (a) / Establish safety data collection and exchange system (3.2 (i))			Indicador de resultado con objetivo y alertar (3.2 (i) (b) / Establish high consequence State safety performance indicator and			Capac. interna, comunic. y distribuc. de información / Internal training, communication and dissemination of safety information 4.1			Capac. externa, comunic. y distribuc. de información / External training, communication and dissemination of safety information 4.2		
	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso	SI	Na	En proceso
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 Completado
 En proceso
 No completado

FASE 4 / PHASE 4

	Revisar y acordar indicadores con las proveedoras de servicio 2.2			Incorporar SMS o indicadores del proveedor de servicios en la vigilancia 3.1 (ii)			Implementar y tomar de notificación voluntaria/confidencial 3.2 (ii) (a)			Establecer indicadores avanzados con objetivos y alertas 3.2 (ii) (b)			Intercambio y compartición de información de SO con proveedoras de servicio y otras Entidad 3.2 (ii) (c)			Inspeccionar basadas en el análisis de riesgo 3.3			Establecimiento de mecanismo de revisión interna que aborde el SSP			Capac. interna, comunic. y distribuc. de información / Internal training, communication and dissemination of safety information 4.1			Capac. externa, comunic. y distribuc. de información / External training, communication and dissemination of safety information 4.2		
	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso	SI	No	En proceso
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