



Twenty - Eighth Regional Aviation Safety Group — Pan America Executive Steering Committee Meeting (RASG-PA ESC/28)

ICAO SAM Regional Office, Lima, Peru, 4 to 5 May 2017

Agenda Item 9: Items/Briefings of Interest to the RASG-PA ESC

SAM REGION SSP IMPLEMENTATION PILOT PROJECT

(Presented by secretariat)

EXECUTIVE SUMMARY	
This working paper presents to the RASG-PA ESC/28 meeting, the State Safety Programme (SSP) implementation pilot project, developed by the SAM Region to support its States in the implementation of such programme.	
Action:	The RASG-PA ESC/28 is invited to provide continuous support to the SAM States in the SSP implementation, within Annex 19 and Doc 9859 frameworks
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Safety
<i>References:</i>	<ul style="list-style-type: none"> • Annex 19 and other safety related Annexes, Doc 9859

1. Introduction

1.1 ICAO, in close collaboration with other stakeholders, strives to improve aviation’s safety performance while maintaining a high level of capacity and efficiency.

1.2 The ICAO Global Aviation Safety Plan (GASP) sets out a strategy that supports the prioritization and continuous improvement of civil aviation safety. The GASP objectives call for States to put in place robust and sustainable safety oversight systems (near-term objective, 2017) and progressively evolve towards **SSP implementation** (mid-term objective, 2022) and to advanced safety oversight systems, including predictive risk management (long-term objective, 2028).

1.3 The original ICAO safety management standards and recommended practices (SARPs) for States became applicable as follows: The **safety programme** for Annexes 6, 11 and 14 on 23 November 2006; the **States safety programmes** for Annexes 1, 8 and 13 on 18 November 2010 and the **SSP framework** (Attachment) for Annexes 1, 6, 8, 11, 13 and 14 on 18 November 2010.

1.4 Following the evolution of safety management SARPs, the ICAO Council adopted Annex 19 on 28 February 2013. The First edition of this Annex became applicable on **14 November 2013**.

1.5 The provisions in Annex 19 were developed in response to recommendations provided by the Directors General of Civil Aviation Conference on a Global Strategy for Aviation Safety (Montréal, 20 to 22 March 2006) (DGCA/06) and the High-level Safety Conference (Montréal, 29 March to 1 April 2010) (HLSC/2010) regarding the need for an Annex dedicated only to safety management.

1.6 Annex 19 contains SARPs related to responsibilities and processes underlying safety management by States. Annex 19 SARPs are based on provisions for safety management initially adopted by the Council in Annexes 1; 6, Parts I, II and III; 8; 11; 13 and 14, Volume I, and on recommendations of the first special meeting of the Safety Management Panel (SMP) (Montréal, 13 to 17 February 2012).

1.7 As part of the second phase of Annex 19 developing, the Second edition of this Annex was adopted by the ICAO Council on 2 March 2016 and will become applicable on **07 November 2019**.

1.8 The Annex 19 SARPs were developed to assist States in managing aviation safety risks. Given the increasing complexity of the global air transportation system and its interrelated aviation activities required to assure the safe operation of aircraft. This Annex supports the continued evolution of a proactive strategy to improve safety performance. The foundation of this proactive safety strategy is based on the implementation of a **State safety programme (SSP)** that systematically addresses safety risks.

2. SSP Implementation in the SAM region

2.1 Effective SSP implementation is a gradual process, requiring time to mature fully. Factors that affect the time required to establish an SSP include the complexity of the air transportation system as well as the maturity of the aviation safety oversight capabilities of the State.

2.2 The implementation of SSP and SMS is not simply a regulatory drafting exercise; it will most likely involve major changes in the way the States conduct and organize their functions and responsibilities.

2.3 Compliance to all applicable Annexes SARPs remains the foundation on which the SSP is established. The concepts of performance or risk management in Annex 19 do not absolve the States from complying with the existing provisions in other Annexes, which remain fundamental to aviation safety.

2.4 Prior to implementation, the States must have basic capabilities, which include the ability and capacity to:

- ✓ implement regulations that address ICAO Annexes;
- ✓ oversee their aviation industries through a consistent and adequate set of processes and programs;
- ✓ perform effective accident and incident investigations; and
- ✓ maintain a qualified and adequate workforce.

2.5 As part of its regular programme, the SAM office organized the Fifth SSP implementation meeting, which was carried out from 07 to 11 November 2016. This meeting left the following lessons:

- ✓ some States showed more progress than others did, so it was agreed to seek a mechanism for all to progress at the same level;
- ✓ the States understood that the SSP is a management system that must ensure harmonization amongst the State's regulatory and administrative organizations in their respective safety risk management roles;
- ✓ the AIG organizations understood their roles within the State SSP framework; and
- ✓ several States expressed their intention to participate in a pilot project for the implementation of the SSP until the end of 2018

3. SAM Region SSP implementation pilot project

3.1 Following the recommendation of the Fifth SSP implementation meeting of the SAM Region, the South American Office organized a virtual meeting on January 18, 2017, in which it was agreed to develop a pilot project for the implementation of the SSP in South America. Likewise, the virtual meeting considered implementing the SSP until the end of 2018.

3.2 In this regard, Bolivia, Chile, Ecuador, Guyana, Panama, Peru and Venezuela, confirmed their participation in the SSP implementation pilot project. In the same way, Colombia requested to the meeting to be considered as an active member, once it receives the USOAP CMA audit from 05 to 15 June 2017.

3.3 The SSP implementation pilot project was launched on 01 March 2017 through an e-mail, attaching the following documents:

- ✓ the working groups participants list with the projects titles and rapporteurs names (see **Appendix A** of this WP); and
- ✓ the deliverables of each project with the respective timelines (see **Appendix B** of this WP).

3.4 The implementation plans for each subproject will be presented through Gantt charts in the Sixth SSP implementation meeting of the SAM region to be held from 08 to 12 May 2017 in Lima, Peru. In the same meeting, the SAM States will present the progress made in the implementation of their SSPs.

4. Suggested action

4.1 The RASG-PA ESC/28 is invited to provide continuous support to the SAM States in the SSP implementation, within Annex 19 and Doc 9859 frameworks.

APPENDIX A
PILOT PROJECT FOR THE IMPLEMENTATION OF THE STATE SAFETY PROGRAMME (SSP) IN THE SAM REGION
WORKING GROUPS PARTICIPANTS LIST, PROJECT TITLES AND RAPPORTEURS
(2017-2018)

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
Group 1			
<p>1A. Project for the development of an amendment to primary aviation legislation to establish a SSP legislative framework for States requiring it (CAA/AIG)</p> <p>1B. Project for the development of an instrument different to primary aviation legislation in which SSP legislative framework be established (CAA/AIG)</p>	Bolivia		<p>Marcelo Maldonado Rueda DGAC Secretary General C. 591-72055211 mmaldonado@dgac.gob.bo</p> <p>Fernando Pizarro Alcazar Juridical Analysis Specialist C. 591-68215912 cpizarro@dgac.gob.bo</p> <p>Lenny Sanz Guerrero Juridical Management Professional III C. 591-71558973 lsanzguerrero@dgac.gob.bo</p>
	Chile	<p>Project 1B rapporteur, to develop an instrument (decrete, regulation, etc.) other than primary aviation legislation in which SSP legislative framework be established: Ms. Paulina Radrigan</p>	<p>Paulina Radrigan pradrigan@dgac.gob.cl T. 56 2 2439 2464</p>

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
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	Ecuador	<p>Project IA rapporteur, to develop an amendment to primary aviation legislation to establish a SSP legislative framework for States requiring it: Sr. Galo Cevallos</p>	<p>Tngl. Galo Cevallos galo.cevallos@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 4830</p> <p>Dr. Patricio Torres patricio.torres@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4830</p> <p>Ab. Mayra Quimbita mayra.quimbita@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 5141</p>
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	Venezuela		
2. Project to develop legislation, regulations and procedures for the protection of flight safety data and information (CAA/AIG)	Bolivia		Marcelo Maldonado Rueda DGAC Secretary General C. 591-72055211 mmaldonado@dgac.gob.bo Fernando Pizarro Alcazar Especialista en Análisis Jurídico C. 591-68215912 cpizarro@dgac.gob.bo Lenny Sanz Guerrero Profesional III en Gestión Jurídica C. 591-71558973 lsanzguerrero@dgac.gob.bo

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	Peru	Project rapporteur for the protection of safety information: Ms. Verónica Pajuelo	Veronica Pajuelo vpajuelo@mtc.gob.pe T. 511 6157800 Ext.7730 Víctor Arcaya

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	Venezuela		José Cadenas jose.cadenas@inac.gob.ve ; josecadenas12@gmail.com T. +58 212 3034627 C. +58 414 5635687
3. Project to develop an enforcement policy and primary legislation (sanctions) (CAA)	Bolivia		Marcelo Maldonado Rueda DGAC Secretary General C. 591-72055211 mmaldonado@dgac.gob.bo Fernando Pizarro Alcazar Juridical Analysis Specialist C. 591-68215912 cpizarro@dgac.gob.bo Lenny Sanz Guerrero Juridical Management Professional III C. 591-71558973 lsanzguerrero@dgac.gob.bo
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	Guyana		Byron Torres Byron.torres@aviacioncivil.gob.ec T.3948400 Ext. 2245 Viviana Estrada Viviana.estrada@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 5010
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Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
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4. Project to develop primary legislation for the establishment of an independent AIG Authority (AIG)	Bolivia	Project rapporteur on primary legislation for the establishment of an independent AIG Authority (AIG): Mr. Fernando Pizarro Alcázar	Marcelo Maldonado Rueda DGAC Secretary General C. 591-72055211 mmaldonado@dgac.gob.bo Fernando Pizarro Alcazar Juridical Analysis Specialist C. 591-68215912 cpizarro@dgac.gob.bo Lenny Sanz Guerrero Juridical Management Professional III C. 591-71558973 lsanzguerrero@dgac.gob.bo
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Group 2			

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
1. Project for the development of implementation of Safety Data Collection and Processing System (SDCPS) / SSP Database and data exchange systems (CAA, AIG)	Bolivia		Milton Riveros Castro Chief of the Information Systems Unit C. 591-72030429 mriveros@dgac.gob.bo Rodrigo Velasquez Molina Technician in Statistics C. 591-72025458 rvelasquez@dgac.gob.bo
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	Peru		<p>Jorge Dupuich jdupuich@ mtc.gob.pe T. 511 6157800 Ext. 7882</p> <p>Jorge Amoros jamoros@ mtc.gob.pe T. 511 615780 Ext. 6976</p> <p>Víctor Arcaya varcaya@ mtc.gob.pe T. 511 6157800 Ext. 1195</p> <p>Francisco Burgos fburgos@ mtc.gob.pe</p>

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2. Project for verifying the establishment and implementation of the ICAO Accidents and Incidents Data Reporting System (ADREP)	Bolivia		Ernesto Saavedra Suarez AIG Specialist C. 591-71530052 esaavedra@dgac.gob.bo
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	Ecuador	Project rapporteur on SSP top level document and SSP documentation: Mr. Patricio Torres	Dr. Patricio Torres patricio.torres@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4830 Sr. Byron Ruiz byron.ruiz@aviacioncivil.gob.ec T. (5932) 223-1006 Celular: (5939) 9396-1741 Ing. Edgar Gallo

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2. Project for the development of safety mandatory and voluntary notification systems (AIG/CAA)	Venezuela		
	Bolivia		Edwin Morales Irahola Airworthiness Inspector C. 591-71864218 emorales@dgac.gob.bo
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	Ecuador		Tngl. Galo Cevallos galo.cevallos@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 4830 Ing. Julio Salazar julio.salazar@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 5342
	Guyana		

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	Venezuela		Tahina Merchan tahina.merchan@ inac.gob.ve T. + 58 212 3034627 Maria Alejandra Davila (starting 1/Apr/17) marialedavila1006@gmail.com T. +58 212 3034627 C. +58 412 0321422

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
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	Venezuela		
4. Project for the development of safety hazard identification and risk evaluation process	Bolivia		<p>Edgar Chávez Balcázar Operations Inspector C. 591-72148791 echavez@dgac.gob.bo</p> <p>René Delgado Rua Chief of AGA Unit C. 591-72040975 rdelgado@dgac.gob.bo</p> <p>Reynaldo Cusi Chief of ATM – SAR Unit C. 591-67010752 rcusi@dgac.gob.bo</p>
	Chile	Project rapporteur for the development of safety hazard identification and risk evaluation process: Mr. Pedro Larrañaga	<p>Pedro Larrañaga plarranaga@dgac.gob.cl T. 56 2 2439 2498</p>
	Colombia		

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
	Ecuador		<p>Patricio Gavilanes Patricio.gavilanes@aviacioncivil.gob.ec T. 2947400 ext. 2245</p> <p>Luis Chávez Luis.chavez@aviacioncivil.gob.ec T.2947400 ext. 2245</p> <p>Byron Ruiz byron.ruiz@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4950</p>
	Guyana		
	Panama		<p>Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006</p> <p>Eunides Pérez eperez@aeronautica.gob.pa T. (507) 315-9811</p>
	Peru		<p>Jorge Dupuich jdupuich@mtc.gob.pe T. 511 6157800 Ext. 7882</p> <p>Jorge Amoros jamoros@mtc.gob.pe T. 511 6157800 Ext. 6976</p> <p>Víctor Arcaya varcaya@mtc.gob.pe T. 511 6157800 Ext. 1195</p>

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			<p>Francisco Burgos fburgos@mtc.gob.pe</p> <p>Luis Zavala azavala@mtc.gob.pe T. 511 6157800 Ext. 1453</p> <p>Roger Soca rsoca@mtc.gob.pe</p> <p>Fredy Guzmán fguzman@mtc.gob.pe T. 511 6157800 Ext. 1451</p>
	Venezuela		<p>David Romero da.romero@inac.gob.ve; davidromerojugador@gmail.com T. +58 212 3034627 C. +58 412 0321422</p> <p>José Cadenas jose.cadenas@inac.gob.ve; josecadenas12@gmail.com T. +58 212 3034627 C. +58 414 5635687</p>
5. Project for developing the policy and procedures of the State safety surveillance programme, including inspections prioritization (CAA)	Bolivia	Project rapporteur on safety surveillance / prioritization of inspections: Mr. Edgar Chávez	<p>Edgar Chávez Balcázar Operations Inspector C. 591-72148791 echavez@dgac.gob.bo</p> <p>René Delgado Rua Chief of AGA Unit</p>

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			C. 591-72040975 rdelgado@dgac.gob.bo Reynaldo Cusi Mita Chief of ATM – SAR Unit C. 591-67010752 rcusi@dgac.gob.bo
	Chile		Lorenzo Sepúlveda lsepulveda@dgac.gob.cl T. 56 2 2439 2498
	Ecuador		Ing. Diego Estrada diego.estrada@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4933 Byron Torres Byron.Torres@aviacioncivil.gob.ec T. 3948400 ext 2245 Juan Pablo González Jp.Gonzalez@aviacioncivil.gob.ec T. 2947400 etx 4932
	Colombia		
	Guyana		
	Panama		Alberto de Icaza aicaza@aeronautica.gob.pa T. (507) 501-9239 / 9240 Ivette Iturrado

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			<p>ivettei@aeronautica.gob.pa T. (507) 315-9822</p> <p>Antonio Valderrama avalderrama@aeronautica.gob.pa T. (507) 501-9519</p> <p>Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006</p>
	Peru		<p>Jorge Dupuich jdupuich@mtc.gob.pe T. +511 6157800 Ext. 7882</p> <p>Jorge Amoros jamoros@mtc.gob.pe T. +511 6157800 Ext. 6976</p> <p>Francisco Burgos fburgos@mtc.gob.pe</p> <p>Luis Zavala azavala@mtc.gob.pe T. +511 6157800 Ext. 1453</p> <p>Roger Soca rsoca@mtc.gob.pe</p> <p>Fredy Guzmán fguzman@mtc.gob.pe T. +511 6157800 Ext. 1451</p> <p>Simón Samolski ssamolski@mtc.gob.pe T. +511 6157800 Ext. 7758</p>

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
	Venezuela		David Romero da.romero@inac.gob.ve ; davidromerojugador@gmail.com T. +58 212 3034627 C. +58 412 0321422
6. Project for the development of a mechanism for SSP internal review, to guarantee its continuous efficiency and improvement	Bolivia		Edwin Morales Irahola Airworthiness Inspector C. 591-71864218 emorales@dgac.gob.bo
	Chile		Lorenzo Sepúlveda lsepulveda@dgac.gob.cl T. 56 2 2439 2498
	Colombia		
	Ecuador		Tngl. Galo Cevallos galo.cevallos@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 4830 Ing. Helena Albuja helena.albuja@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 4552
	Guyana		
	Panama		Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006 Eunides Pérez

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			eperez@aeronautica.gob.pa T. (507) 315-9811
	Peru		Fernando Torres ftorres@mtc.gob.pe T. 511 6157800 Ext. 1307 Marco Trigoso mtrigoso@mtc.gob.pe Jorge Amoros jamoros@mtc.gob.pe T. 511 6157800 Ext. 6976 Luis Luna llunac@mtc.gob.pe Jorge Falco jfalco@mtc.gob.pe T. 511 6157800 Ext. 7977
	Venezuela	Project rapporteur on SSP internal revision mechanism / State quality control system: Mr. David Romero	David Romero da.romero@inac.gob.ve ; davidromerojugador@gmail.com T. +58 212 3034627 C. +58 412 0321422
7. Project for the development of SSP and SMS training modules addressed to the State personnel participating in the implementation and operation of the SSP (CAA/AIG)	Bolivia	Project rapporteur on SSP and SMS training programme: Mr. Edgar Chávez	Teddy Czerniewicz Suárez Operations Inspector C. 591-72147038 tczerniewicz@dgac.gob.bo

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			Edgar Chávez Balcázar Operations Inspector C. 591-72148791 echavez@dgac.gob.bo
	Chile		Pedro Larrañaga plarranaga@dgac.gob.cl T. 56 2 2439 2498
	Colombia		
	Ecuador		Dr. Patricio Torres patricio.torres@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4830 Sr. Mauricio Hidalgo mauricio.hidalgo@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 5053
	Guyana		
	Panama		Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006 Eunides Pérez eperez@aeronautica.gob.pa T. (507) 315-9811

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
	Peru		<p>Fernando Torres ftorres@mtc.gob.pe T. 511 6157800 Ext. 1307</p> <p>Adolfo Medina amedina@mtc.gob.pe T. 511 6157800 Ext. 7713</p> <p>Marco Trigoso mtrigoso@mtc.gob.pe</p> <p>Jorge Amoros jamoros@mtc.gob.pe T. 511 6157800 Ext. 6976</p> <p>Luis Luna llunac@mtc.gob.pe</p>
	Venezuela		<p>José Cadenas jose.cadenas@inac.gob.ve; josecadenas12@gmail.com T. +58 212 3034627 C. +58 414 5635687</p> <p>Alexis Patearroy a.patearroy@inac.gob.ve roytrunfos@gmail.com T.: +58 212 3034627 C.: +58 426 5179443</p>
8. Project for the development of SMS regulations, procedures and checklists for inspectors, and orientation texts for services providers, regarding the following	Bolivia	Project rapporteur on SMS regulations and guidance material: Mr. Edgar Chávez	<p>Edgar Chávez Balcázar Operations Inspector C. 591-72148791</p>

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
audit areas: PEL, OPS, AIR, ANS y AGA (CAA)			echavez@dgac.gob.bo René Delgado Rua Chief AGA Unit C. 591-72040975 rdelgado@dgac.gob.bo Reynaldo Cusi Mita Chief ATM – SAR Unit C. 591-67010752
	Chile		Pedro Larrañaga plarranaga@dgac.gob.cl T. 56 2 2439 2498
	Colombia		
	Ecuador		Byron Ruiz byron.ruiz@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4950 Augusto Diaz augusto.diaz@aviacioncivil.gob.ec T. +593 2294 7400 Ext. 4630 Mauricio Hidalgo mauricio.hidalgo@aviacioncivil.gob.ec T.+5932 294 7400 Ext. 5053 Patricio Gavilanes patricio_gavilanes@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4665 Mauricio Naranjo

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			mauricio_naranjo@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4931
	Guyana		
	Panama		Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006 Milagro Gonzalez milagroc@aeronautica.gob.pa T. (507) 501-9525
	Peru		Luis Zavala azavala@mtc.gob.pe T. 511 6157800 Ext. 1453 Fredy Guzman fguzman@mtc.gob.pe T. 511 6157800 Ext. 1451 Francisco Burgos fburgos@mtc.gob.pe Juan Rojas jrojas@mtc.gob.pe T. 511 6157800 Ext. 6701 Jorge Falco jfalco@mtc.gob.pe T. 511 6157800 Ext. 7977 Veronica Pajuelo

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			vpajuelo@mtc.gob.pe T. 511 6157800 Ext. 7730
	Venezuela		Alexis Patearroy a.patearroy@inac.gob.ve roytrunfos@gmail.com T.: +58 212 3034627 C.: +58 426 5179443
Group 4			
Project to develop the SSP general implementation plan (Global Gantt Chart)	Bolivia		Marco Castrillo Franco Chief ICAO Project C. 591-71520089 mcastrillo@dgac.gob.bo
	Chile		Lorenzo Sepúlveda lsepulveda@dgac.gob.cl T. 56 2 2439 2498 Leonel Schüler lschuler@dgac.gob.cl T. 56 2 2439 2434
	Colombia		
	Ecuador	Project rapporteur on general implementation plan: Mr. Juan Carlos Alvarez	Juan Carlos Alvarez juan_alvarez@aviacioncivil.gob.ec T. (593) 2 223 1006 C. 5939 99661771 Diego Estrada diego.estrada@aviacioncivil.gob.ec

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			T. +5932 294 7400 Ext. 4933
	Guyana		
	Panama		Julio Martinis jmartinis@aeronautica.gob.pa T. (507) 501-9304 / 9300 Raúl A. Samaniego and OGCS team rsamaniego@aeronautica.gob.pa T. (507) 501-9526 / 9524 /9006
	Peru		Fernando Torres ftorres@mtc.gob.pe T. 511 6157800 Ext. 1307 Veronica Pajuelo vpajuelo@mtc.gob.pe T. 511 6157800 Ext. 7730 Jorge Dupuich jdupuich@mtc.gob.pe T. 511 6157800 Ext. 7882 Jorge Amoros jamoros@mtc.gob.pe T. 511 6157800 Ext. 6976 Víctor Arcaya varcaya@mtc.gob.pe T. 511 6157800 Ext. 1195

Group No./Projects	State	Project Rapporteur	Project Working Group (Name, Email Address and Telephone No.)
			<p>Francisco Burgos fburgos@mtc.gob.pe</p> <p>Luis Zavala azavala@mtc.gob.pe T. 511 6157800 Ext. 1453</p> <p>Milwar Tejada mtejada@mtc.gob.pe T. 511 6157800 Ext. 7874</p> <p>Fredy Guzman fguzman@mtc.gob.pe T. 511 6157800 Ext. 1451</p> <p>Simón Samolski ssamolski@mtc.gob.pe T. 511 6157800 Ext. 7758</p> <p>Juan Rojas jrojas@mtc.gob.pe T. 511 6157800 Ext. 6701</p>
	Venezuela		

APPENDIX B
SSP WORKING GROUPS
PROJECTS, RAPORTEURS, DELIVERABLES, TARGET DATES, AND REFERENCE MATERIAL

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
Group No. 1			
<p>1A. Project for the development of an amendment to the primary aviation legislation, specifying the SSP legislative framework for the States that so require. (CAA/AIG)</p>	<p>Sr. Galo Cevallos, Ecuador galo.cevallos@aviacioncivil.gob.ec T. 5932 294 7400 Ext. 4830</p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>28 April 2017</u> ✓ Develop an amendment to the primary aviation legislation, specifying the SSP legislative framework for the States that so require. For these States, the primary aviation legislation should specify that safety management is a specific function of the civil aviation authority. It should also define the required powers and the responsibilities of the State official in charge of managing and coordinating SSP implementation and operation in accordance with PQ LEG 1.016. ✓ Changes to the legislation depend on the existing legislation in each State. However, the inclusion of the concept in the primary aviation legislation (law or aeronautical code or act) contributes to the promotion of the SSP. 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition: <ul style="list-style-type: none"> • Paragraph 3.2.1 – Primary aviation legislation; • Appendix 1, Section 1 – Primary aviation legislation (CE-1) ✓ Doc 9859, Fourth edition <ul style="list-style-type: none"> • Section 6.2 – SSP Component 1, 6.2.1 – Primary aviation legislation. ✓ Primary aviation legislation (law or aeronautical code or act) or regulatory bodies of other States, for example: <ul style="list-style-type: none"> • Finland (amended its law) • Spain enacted a law ✓ PQs (2016): LEG 1.016

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>Note.- The term “primary aviation legislation” used in the context of the protocol questions (PQs) of the Continuous Monitoring Approach (CMA) of the Universal Safety Oversight Audit Programme (USOAP), includes all types of provisions and/or instruments enacted and applicable in the State (e.g., laws, acts, codes, and international treaties).</p>	
<p>1B. Project for the development of an instrument other than the primary aviation legislation, specifying the SSP legislative framework. (CAA/AIG)</p>	<p>Mrs. Paulina Radrigan, Chile pradrigan@dgac.gob.cl 56 2 2439 2464</p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>28 April 2017</u> ✓ Develop an instrument (decree, regulation, etc.) other than the primary aviation legislation, specifying the SSP legislative framework. ✓ Each State decides whether or not the primary aviation legislation should specify that safety management is a specific role of the civil aviation authority. Some States consider that safety management is part of their safety oversight responsibilities and thus do not specifically mention SSP in their primary aviation legislation. In these cases, the States shall provide evidence that the SSP has been 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition: <ul style="list-style-type: none"> • Paragraph 3.2.1 – Primary aviation legislation; • Appendix 1, Section 1 – Primary aviation legislation (CE-1) ✓ Doc 9859, Fourth edition <ul style="list-style-type: none"> • Section 6.2 – SSP Component 1, 6.2.1 – Primary aviation legislation. ✓ Regulatory bodies of States that have not amended their primary aviation legislation, for example: <ul style="list-style-type: none"> • China developed a regulation for the establishment of specific requirementsç • The United Kingdom did not amend its

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>implemented, that it is clearly established in other documents, and meets the provisions of Annex 19.</p>	<p>primary or secondary legislation. The provisions for the adoption of the Chicago Convention and its Annexes are established in Section 60 of the Civil Aviation Act 1982 of such Kingdom.</p> <p>PQs (2016): LEG 1.016</p>
<p>2. Project for the development of legislation, regulations, and procedures for the protection of safety data and information (CAA/AIG)</p>	<p>Mrs. Verónica Pajuelo, Peru vpajuelo@mtc.gob.pe Phone 6157800 Ext.7730</p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>28 April 2017</u> ✓ Develop legislation, regulations, and procedures for the protection of safety data and information in accordance with Annex 19, Second edition, paragraph 5.3 and Appendix 3. ✓ Paragraph 1.2 of Appendix 3 to Annex 19, Second edition, contains the following specific provision that seeks to ensure that there is no overlap with the protection of investigation records under Annex 13. <p style="margin-left: 20px;"><i>1.2 When an investigation under Annex 13 – Aircraft Accident and Incident Investigation, accident and incident investigation records listed in 5.12 of Annex 13 shall be subject to the protections accorded therein instead of the</i></p> 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition, Paragraph 5.3 – Safety data and safety information protection. ✓ Annex 19, Second edition, Appendix 3 – Principles for the protection of safety data, safety information and related source. ✓ Doc 9859, Third edition: <ul style="list-style-type: none"> • Appendix 5 to Chapter 4 – Safety information protection ✓ Primary aviation legislation (law or aeronautical code or act) or other regulatory bodies of other States or regions.

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<i>protections accorded by this Annex (Annex 19).</i>	
3. Project for the development of basic enforcement (penalty) policy and legislation (CAA)	Sr. Patricio Torres, Ecuador patricio.torres@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4830	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 14 April 2017 ✓ Develop a basic enforcement (penalty) policy and legislation. According to SSP Element 1.4 (i), the State should establish <u>fundamental legislative provisions for regulatory enforcement (penalty) action, including suspension or revocation of certificates.</u> ✓ The <u>enforcement policy and procedures</u> will be developed within the framework of this project. ✓ In an SSP-SMS environment, the State's regulatory enforcement policy and procedures must establish: 	<ul style="list-style-type: none"> ✓ Annex 19, Second Edition 3.2.1.2 ✓ Doc 9859, Third edition: <ul style="list-style-type: none"> • Paragraph 4.4.7 • SSP elements 1.4 (i) and 1.4 (ii). • Appendix 10 to Chapter 4 • Appendix 11 to Chapter 4 ✓ Doc 9859, Fourth edition: <ul style="list-style-type: none"> • Paragraphs 8.2.1.3; 8.2.1.4 and 8.2.1.5 ✓ Primary aviation legislation (law or aeronautical code or act) or other regulatory bodies of other States or regions. ✓ PQs (2016): LEG 1.056

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<ul style="list-style-type: none"> a) the conditions and circumstances under which service providers are allowed to deal with, and resolve, events involving certain safety deviations, internally, within the context of the service provider’s safety management system (SMS) and to the satisfaction of the appropriate State authority; b) the conditions and circumstances under which safety deviations are dealt with through established enforcement procedures; c) procedures to ensure that no information obtained from voluntary/confidential reporting systems or equivalent restricted operational data monitoring systems operating under an SMS will be used for enforcement action; 	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>d) a process to protect the sources of information obtained from voluntary and confidential reporting systems.</p>	
<p>4. Project for the development of primary legislation for the establishment of an independent AIG authority (AIG)</p>	<p>Mr. Fernando Pizarro, Bolivia cpizarro@dgac.gob.bo Mobile: 591-68215912</p> <p><u>For this project, the rapporteur and the task force will work directly with Messrs. Alexandre Lima Prado and Daniel Barafani, members of the ARCM Technical Committee</u></p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>28 April 2017</u> ✓ Develop primary legislation for the establishment of an independent AIG authority. ✓ Standard 3.3.3 – Accident and incident investigation, of Annex 19, Second edition, prescribes that the States shall establish a process to investigate accidents and incidents in accordance with Annex 13 – <i>Aircraft accident and incident investigation</i>, in support of the management of safety in the State. ✓ Paragraph 3.2 of Annex 13, Amendment 15, prescribes that a State shall establish an accident investigation authority that is independent from State aviation authorities and other entities that could interfere with the conduct and objectivity of an investigation. 	<ul style="list-style-type: none"> ✓ Annex 19; Second edition: <ul style="list-style-type: none"> • Paragraph 3.3.3 – Accident and incident investigation ✓ Annex 13, Amendment 15: <ul style="list-style-type: none"> • Paragraph 3.2 – Independence of investigations ✓ Doc 9859, Third edition: <ul style="list-style-type: none"> • SSP element 1.3. ✓ Doc 9859, Fourth edition: <ul style="list-style-type: none"> • Paragraph 6.3.3 ✓ Doc 9756, Part I – Organization and planning ✓ Doc 9962 - Manual on accident and incident investigation policies and procedures ✓ ICAO Model AIG Act, Second Edition (unedited version), December 2016 ✓ Primary aviation legislation of other States for the establishment of an independent AIG authority. ✓ PQs (2016): AIG 6.005

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>Note.- Guidance on the independence of an accident investigation authority is contained in the Manual of aircraft accident and incident investigation, Part I — Organization and Planning (Doc 9756) and the Manual on accident and incident investigation policies and procedures (Doc 9962).</p> <p>✓ In accordance with SSP Element 1.3 of Doc 9859, Third edition, a State must:</p> <ul style="list-style-type: none"> a) ensure that the national legislative framework includes provisions for the establishment of an independent accident and incident investigation process which is administered by an independent organization, bureau, commission or other body; b) establish an accident and incident investigation organization, bureau, commission or other body which is independent from all other State aviation organizations. In States where it may not be practical to establish a 	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>permanent accident investigation entity, a competent accident investigation commission or board may be appointed for each accident to be investigated. Alternatively, such States may consider the services of an RAIO (see Doc 9946);</p> <p>c) establish mechanisms to ensure that the sole objective of the accident and incident investigation process is the prevention of accidents and incidents, in support of the management of safety in the State, and not the apportioning of blame or liability.</p>	
Group No. 2			
<p>1. Project for the development of the process for the implementation of the safety data collection and processing system (SDCPS) / SSP database and data exchange systems (CAA, AIG)</p>	<p>Mr. Lorenzo Sepúlveda, Chile lsepulveda@dgac.gob.cl 56 2 2439 2498</p> <p>Mr. Alonso Lefno, Chile alefno@dgac.gob.cl 56 2 2439 2376</p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>28 April 2017</u> ✓ Develop a process for the implementation of the safety data collection and processing system (SDCPS) / SSP database and data exchange systems that includes the corresponding procedures and mechanisms. (CAA, AIG) 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition, Chapter 5, Section 5.1 – Safety data collection and processing systems (SDCPS) ✓ Doc 9859, Third edition: <ul style="list-style-type: none"> • 4.4.12 and 4.4.16 • Element 3.2 (i) a) • Appendix 3 to Chapter 4 ✓ Doc 9859, Fourth edition:

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>✓ Regarding the SDCPS, Section 5.1 of Annex 19, Second edition, specifies the following:</p> <p>5.1 Safety data collection and processing systems</p> <p>5.1.1 States shall establish safety data collection and processing systems (SDCPS) to capture, store, aggregate and enable the analysis of safety data and information.</p> <p><i>Note 1.- SDCPS refers to processing and reporting systems, safety databases, schemes for exchange of information, and recorded information including but not limited to:</i></p> <p>a) <i>data and information pertaining to accident and incident investigations;</i></p> <p>b) <i>data and information related to safety investigations by State authorities or aviation service providers;</i></p> <p>c) <i>mandatory safety reporting systems as indicated in 5.1.2;</i></p> <p>d) <i>voluntary safety reporting systems as indicated in 5.1.3; and</i></p> <p>e) <i>self-disclosure reporting systems, including automatic data capture systems, as</i></p>	<ul style="list-style-type: none"> • Chapter 5 – Collection, analysis, sharing, and exchange of safety data and information <p>✓ SDCPS of other States that have already developed such systems, VisiumAQD</p> <p>✓ PQs (2016): AIG 6.506; AIG 6.513</p>

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p><i>described in Annex 6, Part I, Chapter 3, as well as manual data capture systems.</i></p> <p><i>Note 2.- Guidance related to SDCPS is contained in the Safety Management Manual (SMM) (Doc 9859).</i></p> <p><i>Note 3.- The term “safety database” may refer to a single or multiple database(s).</i></p> <p><i>Note 4.- SDCPS may include inputs from State, industry and public sources, and may be based on reactive and proactive methods of safety data and safety information collection.</i></p> <p><i>Note 5.- Sector-specific safety reporting provisions are contained in other Annexes, PANS and SUPPs. There is a recognized benefit to the effective implementation of an SSP in having an integrated approach for the collection and analysis of the safety data and safety information from all sources.</i></p> <p>5.1.2 States shall establish a mandatory safety reporting system that includes the reporting of incidents.</p> <p>5.1.3 States shall establish a voluntary safety reporting system</p>	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>to collect safety data and safety information not captured by mandatory safety reporting systems.</p> <p>5.1.4 Recommendation.- <i>State authorities responsible for the implementation of the SSP should have access to the SDCPS as referenced in 5.1.1 to support their safety responsibilities, in accordance with the principles in Appendix 3.</i></p> <p>Note.- <i>State authorities responsible for the implementation of the SSP include accident investigation authorities.</i></p> <p>5.1.5 Recommendation.- <i>The safety databases should use standardized taxonomy to facilitate safety information sharing and exchange.</i></p> <p>Note.- <i>States are encouraged to use an ADREP-compatible system. More information on ADREP can be found in Annex 13, Aircraft accident and incident investigation, Chapter 7.</i></p> <p>✓ Regarding this project, States should:</p> <p>a) set up mechanisms and procedures for collecting and</p>	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>analysing mandatory/reportable occurrences by the aggregate State level. This would require the State to:</p> <ol style="list-style-type: none"> 1) establish a mandatory or reportable occurrence procedure for certified/approved service providers of each aviation sector to report (mandatory basis) accidents and serious incidents to the appropriate AIG authority. This should include major or mandatory defect reports (MDR) where appropriate; 2) establish requirements for service providers to have an internal occurrence investigation and resolution process that documents the investigation results and makes the reports available to their respective regulatory organization; 3) ensure that there is an appropriate integration, consolidation, and aggregation of data collected from the various aviation sectors at the SSP level. Safety data should 	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>not exist as independent or stand-alone databases at the individual sector level only. This integration aspect should also be addressed for the respective safety databases of the CAA and those of the independent accident investigation authority, including those States where certain safety management functions are discharged by an RSOO or an RAIO on behalf of the State;</p> <ul style="list-style-type: none"> ✓ The SDCPS should be capable of capturing safety data and information from reactive, proactive and predictive sources. ✓ The SDCPS should also be capable of integration into the databases of AIG authorities (ADPREP/ECCAIRS), internal databases of regulatory (CAA) and administrative bodies of the State, service provider databases, databases of other States (where applicable), databases of Regional Safety Oversight Organisations (RSOO), databases of Regional Accident and Incident Investigation Organisations 	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		(RAIO), and databases of other stakeholders, such as IATA, Flight Safety Foundation, etc.	
<p>2. Project for checking the establishment and implementation of the ICAO accident/incident data reporting system (ADREP)</p>	<p>Mr. Kyhumell Ponte, Venezuela kponte@mpptaa.gob.ve, kyhumell@gmail.com</p> <p><u>For this project, the rapporteur and the task force will work directly with Messrs. Arturo Martínez and Víctor Godoy of the ARCM Technical Committee.</u></p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 14 April 2017 ✓ Check that all SAM States have established and implemented the ADREP system. This project will use the ECCAIRS system as its IT platform. ✓ Also check the connection between the ADREP IT platforms of SAM States and the safety data collection and processing system (SDCPS) of the AIG Regional Cooperation Mechanism (ARCM) of South America. ✓ Check that the databases have been created in a standardized format that facilitates the exchange of data. ✓ Check if the taxonomy used is compatible with that of ADREP / European co-ordination centre for aviation incident reporting systems (ECCAIRS). ✓ Regarding AIG databases, Section 8.1 of Annex 13, 	<ul style="list-style-type: none"> ✓ Annex 13, Amendment 15, Section 8.1 ✓ Annex 13, Amendment 15, Chapter 7 – ADREP reporting ✓ Annex 13, Amendment 15, Attachment B – Notification and reporting checklist ✓ Doc 9962, 12.1.2 and 12.1.3 ✓ PQs (2016): AIG 6.507; AIG 6.509

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>Amendment 15 specifies the following:</p> <p>8.1 A State shall establish and maintain an accident and incident database to facilitate the effective analysis of information on actual or potential safety deficiencies and to determine any preventive actions required.</p> <p><i>Note.- Additional information on which to base preventive actions may be contained in the final reports on accidents and incidents that have been investigated.</i></p> <p>8.2 Recommendation.- State authorities responsible for the implementation of the SSP should have access to the accident and incident database referenced in 8.1 to support their safety responsibilities.</p>	
<p>3. Project for the development of a standardized ADREP taxonomy between the SDCPS/SSP database and the ICAO ADREP system (CAA/AIG)</p>	<p>Mr. Alonso Lefno, Chile alefno@dgac.gob.cl 56 2 2439 2376</p> <p><u>For this project, the rapporteur and the task force will work directly with Messrs. Arturo Martínez, Víctor Godoy, and Alexandre Lima Prado of the ARCM Technical</u></p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 14 April 2017 ✓ Develop a process for the implementation of a standardized ADREP taxonomy for SSP SDCPS databases and the ADREP system of AIG authorities. ✓ Regarding this project, Paragraph 5.1.5 specifies the 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition, Chapter 5, Section 5.1, Paragraph 5.1.5 Recommendation. ✓ ICAO ADREP system ✓ PQs (2016): AIG 6.509

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
	<u>Committee</u>	following: 5.1.5 Recommendation. - <i>The safety database should use standardized taxonomy to facilitate information sharing and exchange.</i> <i>Note.- States are encouraged to use an ADREP-compatible system. More information on ADREP can be found in Annex 13, Aircraft accident and incident investigation, Chapter 7.</i>	
Group No. 3			
1. Project for the development of the top-level SSP document and SSP documentation (CAA, AIG)	Sr. Patricio Torres, Ecuador patricio.torres@aviacioncivil.gob.ec T. +5932 294 7400 Ext. 4830	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 14 April 2017 ✓ Develop a top-level SSP model document and a guide for the establishment of SSP documentation. <p>Element 1.2 (i) f) of Doc 9859, Third edition. When establishing the SSP documentation, the process of drafting an SSP document must start at the beginning of the SSP implementation exercise. As SSP components and elements are gradually defined, the description of each element and its associated processes can be gradually drafted in this high-level document. See Appendix 8 to Doc 9859, Third edition for an illustration of</p>	<ul style="list-style-type: none"> ✓ Doc 9859, Third edition: <ul style="list-style-type: none"> • Element 1.2 (i) f) • Appendix 8 to Chapter 4 – Sample contents of an SSP document ✓ Doc 9859, Fourth edition: <ul style="list-style-type: none"> • 8.2.3.4 – Implementation strategy • 4.2.39 • 4.2.40 • 8.6.1.2 ✓ Example of SSP documents: Australia, Fiji, New Zealand, and Ireland. ✓ PQs (2016): LEG 1.020; LEG 1.022; ORG 2.307; ORG 2.309; ORG 2.311 ✓ The corresponding appendices to Chapter 4 of Doc 9859, Third edition.

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>how an SSP document and its content are to be structured.</p> <p>Notwithstanding the above, the new integrated structure of eight (8) critical elements (CEs) and the SSP framework shall be used. Australia has already developed a high-level SSP document that reflects the integrated concept of 8 CEs and SSP framework. This document could serve as a guide for the development of a high-level SSP model document.</p> <p>Regarding the SSP documentation, an SSP documentation system (library/cabinet/folder) should be established within the SSP organisation to serve as a central repository of materials such as the SSP document, associated SOPs, forms, minutes of meetings, and records associated with the implementation and operation of the SSP. These documents serve as records and evidence of actual activities and the continuous operation of individual SSP elements. Some records, such as confidential reports or reports on events,</p>	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>may be kept in a separate computer system or may reside in another regulatory or administrative body. In such cases, samples or excerpts must be kept in the library, as appropriate. A master table of contents of SSP documentation must help explain all relevant documentation. A consolidated documentation system will facilitate traceability, updating, referencing and internal/external auditing of the system.</p>	
<p>2. Project for the development of model documents concerning the mandatory and voluntary safety reporting systems (AIG/CAA)</p>	<p>Mr. Alonso Lefno, Chile alefno@dgac.gob.cl 56 2 2439 2376</p> <p><u>For this project, the rapporteur and the task force will work directly with Mr. Alexandre Lima Prado of the ARCM Technical Committee.</u></p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 14 April 2017 ✓ Develop model documents concerning the mandatory and voluntary safety reporting systems (AIG/CAA) ✓ In accordance with the following standards of Annex 19, Second edition, develop the documents mentioned in the previous paragraph: <ul style="list-style-type: none"> • 5.1.2 States shall establish a mandatory safety reporting system that includes the reporting of incidents. <p style="text-align: center;">For the establishment and</p> 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition, Paragraphs 5.1.2 and 5.1.3 ✓ Doc 9859, Third edition, for mandatory safety reporting systems. <ul style="list-style-type: none"> • 2.10; 4.2.30 to 4.2.34 • Appendix 3 to Chapter 4 – Example of a State’s mandatory reporting procedure ✓ Doc 9859, Third edition, for voluntary safety reporting systems: <ul style="list-style-type: none"> • 2.10; 4.2.35 and 4-4-16 a) • Appendix 2 to Chapter 4 – Guidance on a State’s voluntary and confidential reporting system

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>implementation of a mandatory safety reporting system, it is recommended that a model regulation be developed and enacted by civil aviation authorities. This regulation shall contemplate the mandatory, direct, and timely reporting to AIG authorities of accidents, serious incidents, and incidents related to aircraft operations. The reporting of other occurrences not related to aircraft operations can also be part of this regulation, or such regulation can refer to the mandatory reports required in other regulations.</p> <ul style="list-style-type: none"> • 5.1.3 States shall establish a voluntary safety reporting system to collect safety data and safety information not captured by mandatory safety reporting systems. <p>✓ For the development of model documents for mandatory and voluntary safety reporting</p>	<p>✓ Doc 9962, Chapter 12</p> <p>✓ PQs (2016):</p> <ul style="list-style-type: none"> • AIG 6.501 for mandatory safety reporting systems • AIG 6.503 and AIG 6.505 for voluntary safety reporting systems <p>✓ LAR 113</p> <p>✓ EASA Regulation No. 376/2014 – Reporting of occurrences</p> <p>✓ EASA Regulation No. 996/2010 – Investigation and prevention of accidents and incidents in civil aviation</p> <p>✓ EASA Implementing regulation No. 2015/1018 – Occurrences to be mandatorily reported.</p>

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>systems, consideration shall also be given to Appendix 2 to Chapter 4 – Guidance on a State’s voluntary and confidential reporting system, and Appendix 3 to Chapter 4 – Example of a State’s mandatory reporting procedure, of Doc 9859, Third edition.</p> <p>✓ Regarding mandatory and voluntary safety reporting systems, the SAM ARCM has developed LAR 113. At the Fourth Meeting of AIG Authorities of the SAM Region (AIG-SAM/4) to be held in Brasilia, Brazil, on 23-25 May 2017, the ARCM Technical Committee will present an amendment to the aforementioned regulation.</p>	
<p>3. Project for the development of procedures for the acceptance and monitoring of high- and low-consequence indicators, with their respective target and alert levels (AIG/CAA)</p>	<p>Mr. Jorge Dupuich, Peru jdupuich@mtc.gob.pe Phone: 6157800 Ext. 7882</p> <p><u>For this project, the rapporteur and the task force will work directly with Mr. Jorge Barrios of the SRVSOP Technical Committee.</u></p>	<p>✓ Gantt chart on the project mentioned below: <u>28 April 2017</u></p> <p>✓ Develop procedures for the acceptance and monitoring of high- and low-consequence indicators, with their respective target and alert levels, in accordance with Paragraph 3.4.2 of Annex 19, Second edition.</p>	<p>✓ Annex 19, Second edition, Paragraph 3.4.2 – State safety performance</p> <p>✓ Doc 9859, Third edition:</p> <ul style="list-style-type: none"> • Element 3.2 (i) b) • Element 3.2 (ii) b) • Appendix 4 to Chapter 4 – SSP safety performance indicators <p>✓ Doc 9859, Fourth edition:</p> <ul style="list-style-type: none"> • Chapter 9 <p>✓ PQs (2016): ORG 2.315;</p>

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>3.4.2 – State safety performance</p> <p>3.4.2.1 States shall establish the acceptable level of safety performance to be achieved through their SSP.</p> <p><i>Note 1.- An acceptable level of safety performance for the State can be achieved through the implementation and maintenance of the SSP as well as safety performance indicators and targets showing that safety is effectively managed and built on the foundation of implementation of existing safety-related SARPs.</i></p> <p><i>Note 2.- Guidance on establishing safety performance indicators and targets, as well as an acceptable level of safety performance, is contained in the Safety Management Manual (SMM) (Doc 9859).</i></p> <p>3.4.2.2 Recommendation.- States should develop and maintain a process to evaluate the effectiveness of actions taken to manage safety risks and resolve safety issues.</p>	<p>ORG 2.317; PEL 3.931; PEL 3.933; PEL 3.935; OPS 4.509; OPS 4.511; OPS 4.513; AIR 5.384; AIR 5.385; AIR 5.386; AIR 5.387; AIR 5.705; AIR 5.706; AIR 5.707; AIR 5.708; AIR 5.805; AIR 5.806; AIR 5.807; AIR 5.808; ANS 7.194; ANS 7.195; ANS 7.196; AGA 8.507; AGA 8.509; AGA 8.511</p>

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p><i>Note.- Safety assessment results may be used to support the prioritization of actions to manage safety risks.</i></p> <p>3.4.2.3 Recommendation.- <i>States should evaluate the effectiveness of their individual SSPs to maintain or continuously improve their overall level of safety performance.</i></p> <p>✓ When developing the methodology for determining high- and low-consequence indicators with their target and alert levels, the working group shall also consider Elements 3.2 (i) b) and 3.2 (ii) b) and Appendix 4 to Chapter 4 of Doc 9859 – SSP safety performance indicators.</p> <p>Element 3.2 (i) b) The State should: b) establish basic high-consequence safety indicators (initial ALoSP) and their associated target and alert settings. Examples of high-consequence safety indicators are accident rates, serious incident rates, and monitoring of high-risk, regulatory, non-compliance outcomes (e.g., ICAO audit findings). Development and selection of</p>	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>safety indicators should be congruent with the State’s safety objectives and safety policy. They should be appropriate and relevant to the scope and complexity of the State’s aviation activities. Selection of lower-consequence safety indicators may be addressed at a later stage. Periodic monitoring of the safety indicators for any undesirable trends, alert level breaches and target achievement should be performed. Refer to Appendix 4 for guidance on developing and monitoring safety indicators.</p> <p>Element 3.2 (ii) b) The State should: b) establish lower-consequence safety and/or quality indicators with appropriate target and alert monitoring (mature ALoSP). Selection and development of safety indicators should be congruent with the State’s safety objectives and safety policy and appropriate and relevant to the scope and complexity of the State’s aviation activities. Periodic monitoring of the safety indicators for any undesirable trends, alert level breaches and target achievement should be performed.</p>	

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>Refer to Appendix 4 for guidance on developing and monitoring safety indicators.</p> <p>New terminology and new concepts pertaining to safety indicators are being included in Chapter 9 of the Fourth edition of Doc 9859 –SMM. Accordingly, a transition to the new guidelines to be published in the Fourth edition of Doc 9859 is foreseen.</p>	
<p>4. Project for the development of a safety hazard identification and risk assessment process</p>	<p>Mr. Pedro Larrañaga, Chile plarranaga@dgac.gob.cl 56 2 2439 2498</p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 28 April 2017 ✓ Develop a hazard identification and safety risk assessment process in accordance with Paragraph 3.3.4 – Hazard identification and safety risk assessment, of Annex 19, Second edition. Paragraph 6.3.4 of Doc 9859, Fourth edition shall also be taken into account. 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition: <ul style="list-style-type: none"> • Paragraph 3.3.4 – Hazard identification and safety risk assessment ✓ Doc 9859, Fourth edition, Ch. 6, 6.3 – SSP Component 2 <ul style="list-style-type: none"> • Paragraph 6.3.4
<p>5. Project for the development of the policy and procedures of the State safety oversight programme that include prioritization of inspections (CAA)</p>	<p>Mr. Edgar Chávez, Bolivia Mobile: 591-72148791 E-mail: echavez@dgac.gob.bo</p> <p><u>For this project, the rapporteur and the task force will work directly with the members of the SRVSOP Technical Committee.</u></p>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: 28 April 2017 ✓ Develop the policy and procedures of the State safety oversight programme that include prioritization of inspections (CAA) in accordance with Paragraph 3.4.1 and Section 7 of 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition: <ul style="list-style-type: none"> • Paragraph 3.4.1 – Surveillance obligations. • Appendix 1, Section 7 ✓ Doc 9859, Fourth edition, Ch. 6, 6.4 – SSP Component 3 – State safety assurance <ul style="list-style-type: none"> • Paragraph 6.4.1 –

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		<p>Appendix 1 to Annex 19, Second edition.</p> <p>✓ In accordance with Paragraph 3.4.1 – Surveillance obligations:</p> <p>3.4.1.1 States shall meet the surveillance obligations in accordance with section 7 of Appendix 1 to Annex 19, Second edition.</p> <p>3.4.1.2 Recommendation.- States should establish procedures to prioritize inspections, audits and surveys towards those areas of greater safety concern or need.</p> <p>Note.- Organizational risk profiles, outcomes of hazard identification and risk assessment, and surveillance outcomes may provide information for the prioritization of inspections, audits and surveys.</p> <p>3.4.1.3 Recommendation.- States should periodically review the safety performance of an individual service provider.</p>	<p>Surveillance obligations.</p> <ul style="list-style-type: none"> • Paragraph 1.2.3 – Risk-based safety surveillance <p>✓ PQs (2016): PEL 3.768; PEL 3.937; PEL 3.939; OPS 4.513; OPS 4.455; OPS 4.457; AIR 5.387; AIR 5.455; AIR 5.457; AIR 5.708; AIR 5.709; AIR 5.710; AIR 5.808; ANS 7.075; ANS 7.171; AGA 8.417; AGA 8.419; AGA 8.513</p>
<p>6. Project for the development of an internal review mechanism covering the SSP to assure continuing effectiveness</p>	<p>Sr. David Romero, Venezuela da.romero@inac.gob.ve</p>	<p>✓ Gantt chart on the project mentioned below: 14 April 2017</p> <p>✓ Develop an internal review</p>	<p>✓ Doc 9859, Third edition, Chapter 4, Stage 4:</p> <ul style="list-style-type: none"> • Section 4.4.15 – Safety oversight – Element 3.1

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
and improvement		mechanism covering the SSP to assure continuing effectiveness and improvement in accordance with SSP Element 3.1 (iii) of Doc 9859, Third edition, and ORG PQ 2.313 (2016)	(iii) ✓ PQs (2016): LEG 2.313
7. Project for the development of SSP and SMS training modules for State personnel participating in the implementation and operation of the SSP (CAA/AIG)	Mr. Edgar Chávez, Bolivia Mobile: 591-72148791 E-mail: echavez@dgac.gob.bo <u>For this project, the rapporteur and the task force will work directly with the members of the SRVSOP Technical Committee.</u>	<ul style="list-style-type: none"> ✓ Gantt chart on the projects mentioned below: 28 April 2017 ✓ Develop model training programmes on the SSP and the SMS for State personnel participating in the implementation and operation of the SSP, in accordance with Chapter 3 of Annex 19, Second edition, and the following PQs (2016): LEG 2.107; PEL 3.116; OPS 4.052; AIR 5.048; AIR 5.486; AIG 6.124; ANS 7.066 and AGA 8.052 	<ul style="list-style-type: none"> ✓ Annex 19, Second edition, Chapter 3 – State safety management responsibilities, Section 3.2 – State safety policy, objectives and resources: <ul style="list-style-type: none"> • Paragraph 3.2.4 – Qualified technical personnel. • Appendix 1, Section 4 – Qualified technical personnel (CE-4) ✓ Doc 9859, Fourth edition, Ch. 6, Section 6.2 – SSP Component 1 – State safety policy, objectives and resources: <ul style="list-style-type: none"> • Paragraph 6.2.4 – Qualified technical personnel. ✓ PQs (2016): LEG 2.107; PEL 3.116; OPS 4.052; AIR 5.048; AIR 5.486; AIG 6.124; ANS 7.066 and AGA 8.052
8. Project for developing and	Mr. Edgar Chávez, Bolivia	✓ Gantt chart on the project	✓ Annex 19, Second edition, Chapter 3 – State safety

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
<p>making available to States regulations, procedures and checklists for inspectors and guidelines for service providers concerning SMS, in the following audit areas: PEL, OPS, AIR, ANS and AGA (CAA).</p>	<p>Mobile: 591-72148791 E-mail: echavez@dgac.gob.bo</p> <p><u>For this project, the rapporteur and the task force will work directly with the members of the SRVSOP Technical Committee.</u></p>	<p>mentioned below: <u>28 April 2017</u></p> <ul style="list-style-type: none"> ✓ Develop and make available to States regulations, procedures and checklists for inspectors and guidelines for service providers concerning SMS, in accordance with Annex 19, Second edition and Doc 9859, Fourth edition. ✓ For the establishment and implementation of the SMS, the SRVSOP has already developed for PEL, OPS and AIR: <ul style="list-style-type: none"> • requirements in each associated regulation; • procedures and checklists for inspectors; and • guidelines for service providers. ✓ For the fulfilment of this task, the rapporteur of the group shall coordinate the development and enactment of the documents mentioned in the previous paragraph directly with the SRVSOP. ✓ The documentation presented to the States shall be fully harmonised and in line with Annex 19, Second edition and Doc 9859, Fourth edition. ✓ Pursuant to a conclusion of the 	<p>management responsibilities, Section 3.2 – State safety policy, objectives and resources:</p> <ul style="list-style-type: none"> • Paragraph 3.2.2 – Specific operating regulations. • Appendix 1, Section 2 – Specific operating regulations (CE-2) <ul style="list-style-type: none"> ✓ Doc 9859, Fourth edition, Ch. 6 – State safety management responsibilities, Section 6.2 – SSP component 1 – State safety policy, objectives and resources: <ul style="list-style-type: none"> • Paragraph 6.2.2 – Specific operating regulations. ✓ PQs (2016): PEL 3.901; PEL 3.905; OPS 4.501; OPS 4.505; AIR 5.372; AIR 5.373; AIR 5.381; AIR 5.382; AIR 5.701; AIR 5.702; AIR 5.703; AIR 5.801; AIR 5.802; AIR 5.803; AIR 5.808; AIR 5.809; AIR 5.810; ANS 7.191; ANS 7.192; AGA 8.501; AGA 8.503

Group and project number	Rapporteur of each project	Deliverables and target dates	Reference material
		SRVSOP, SMS requirements shall be maintained in each of the respective regulations.	
Group No. 4			
Project for the development of the SSP general implementation plan (general Gantt chart)	Mr. Juan Carlos Alvarez, Ecuador juan_alvarez@aviacioncivil.gob.ec (593) 2 2231006 Mobile: 5939 99661771 <u>For this project, the rapporteur and the task force will work directly with the secretariat of the SAM SSP pilot implementation project.</u>	<ul style="list-style-type: none"> ✓ Gantt chart on the project mentioned below: <u>05 May 2017</u> ✓ Develop the SSP general implementation plan (general Gantt chart) based on the individual plans of each working group. 	