



ICAO SOUTH AMERICAN REGIONAL OFFICE

MNEMONIC NOTE PAPER

REGIONAL STRATEGY

Safety data collection and processing systems (SDCPS) design, integration, establishment and implementation project within the SAM States SSP implementation pilot project framework

Regional strategy for the implementation of the SDCPS within the framework of the SSP pilot project implementation in the SAM States

This regional strategy is designed to support the SAM States in the compliance of objectives and goals established in the Global Aviation Safety Plan (GASP), related to the effective implementation of the SSP up to year 2025, considering the SDCPS implementation as clue issue for the SSP implementation.

- ✓ **Phase 1: SDCPS workshop.** Development of a SDCPS workshop from 04 to 08 March 2019, to provide orientation to SAM States in the design, integration, establishment and implementation of the SDCPS. This workshop will count with the participation of ICAO HQ, ASIAs (Aviation Safety Information Analysis and Sharing System) of the United States, Transport Canada, EASA and other interested industry stakeholders.
- ✓ **Phase 2: SDCPS case study. Following SDCPS workshop,** and within a period not larger than three months, develop a *case study* involving specialized technical personnel to analyse the following issues:
 - background;
 - justification of Annex 19, SDCPS standard;
 - cost-benefit analysis, considering the following aspects:
 - model assumption;
 - reference generic model; and
 - cost-benefit estimation.
 - conclusions; and
 - recommendations.
- ✓ **Phase 3: SDCPS implementation pilot project in one SAM State.** Continuing with the strategy, develop a complete pilot project for the implementation of the SDCPS in one State of the SAM Region, with the support of an ICAO expert, The Regional Office and ICAO HQs.
- ✓ **Phase 4: SDCPS implementation in all the SAM States.** While the SDCPS pilot project is being developed satisfactorily in each of its phases, States will be asked to implement the corresponding phases.
- ✓ **Complementary parallel activities.** To complement the project, the following activities will be developed simultaneously:
 - Implementation of the IDISR in SIMS;

	<ul style="list-style-type: none"> • Utilization of the ADREP/ECCAIRS platforms as part of a Regional SDCPS within the framework of the ARCM; and • Utilization of the SIMS and FDX as sources of predictive information of for the SSP in the SAM States. <p>✓ Implementation of SDCPS at a regional level. Once that the States have implemented their SDCPS, the implementation of a SDCPS for the SAM Region will be promoted. For this effect, a regional project will be developed with the participation of all SAM States.</p>
Objective of the project	Achieve clarity in the SDCPS concept in order that States can be able to proceed with the implementation of an effective SSP.
Activities held by the SAM Region related to SDCPS	<ul style="list-style-type: none"> ✓ 7 SSP implementation regional meeting, since 2013 to 2018; ✓ ICAO regional symposium on safety management, held in Lima, Peru, from 13 to 16 March 2018.
Current SDCPS development situation of the SAM Region	At the moment, SAM States are trying to have clarity regarding SDCPS concept.
Project nature	The SDCPS project has an introductory character, intending transference of knowledge for its implementation in the SAM States.
Competences to be generated by this project	Acquisition of the necessary knowledge and instruments to enable States to design, integrate, establish and implement SDCPS.
Participants' profile	Specialists in computer and operative areas within Civil Aviation Authorities and Accidents Investigation Authorities.
Next steps for the development of the strategy	Complete SSP implementation.
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