



**Agenda Item 5: Follow-up on the implementation of training activities in air navigation, safety and other aviation areas in the Region**

**MONITORING THE IMPLEMENTATION OF TRAINING ACTIVITIES IN THE SAFETY AREA**

(Presented by the SRVSOP Technical Committee)

**SUMMARY**

This working paper presents information on training activities carried out in the SAM Region in the area of safety during 2020-2021, through the Regional Safety Oversight Cooperation System (SRVSOP).

**References:**

- Annual SRVSOP programme of activities approved by its General Board.

**ICAO strategic objectives:**

*A – Safety*  
*B – Air navigation capacity and efficiency*

**1. Introduction**

1.1. As part of its annual regular programme of activities and of project RLA/99/901 that corresponds to the Regional Safety Oversight Cooperation System (SRVSOP), which encompasses 12 States of the Latin American Region, the ICAO South American Regional Office conducts training courses, workshops and seminars to strengthen the competence of State personnel in the area of safety.

1.2. These activities are aimed to improving effective implementation (EI) indicators of critical element 4 (CE-4), concerning qualification and training of technical personnel, responsible for the implementation of licensing and certification (CE-5) and safety oversight (CE-7) activities, both vital for an efficient and effective safety oversight system within the States' civil aviation authorities.

1.3. Likewise, according to current information published by ICAO in its Integrated Safety Trend Analysis and Reporting System (iSTARS 3.0), it can be noted that CE-4 shows the following results to date:

Global	SAM	SRVSOP
60.8%	73.5%	77.4%

1.4. Starting on the second half of March 2020, training activities were affected by the COVID-19 pandemic, as the courses scheduled up to that date had been carried out in person. However, the response of the ICAO SAM Regional Office, through the SRVSOP, was immediate, with the implementation of virtual course deliveries, using various tools available, such as the ZOOM, GoToMeeting and Teams platforms, so as not to affect the quality of the training provided to the inspectors and technical personnel of our States, method which is being applied to date.

1.5. This virtual approach has shown that the same quality can be achieved in the delivery of the courses, with the resulting savings for States, given that travel and *per diem* costs to participants are avoided. Accordingly, it is necessary to apply the best practices in order to create an environment that is attractive for the participants, offering a higher percentage of workshops and practical exercises to reinforce the knowledge conveyed.

## 2. Discussion

2.1. During 2020 and so far in 2021, the pandemic posed a great challenge for the SRVSOP Technical Committee for it to meet the demand for training activities requested by the States in the safety area. In 2020, 17 courses, workshops and seminars were held for a total of 1067 participants; and so far in 2021, 29 courses, workshops and seminars have been held, with a total of 871 participants trained, plus 5 additional courses to be held between November and December of this year.

2.2. The following are the courses developed by the SRVSOP in 2020 and 2021, conducted by qualified multinational instructors and members of its Technical Committee, in accordance with the training strategy approved by the SRVSOP's General Board:

Area	Course/Workshop	Modality
<b>PEL</b>	<ul style="list-style-type: none"> <li>• Course on LAR 142 and CATC certification process.</li> <li>• Seminar on advisory circular on mental health issues in aeronautical personnel as a result of Covid-19</li> <li>• Course on LAR 61, 63, 65 and management of a licensing office</li> <li>• PEL GSI course</li> <li>• Course on LAR 67 and certification of medical centres and medical examiners.</li> <li>• Regional seminar on aeronautical personnel mental health</li> </ul>	Virtual
<b>OPS</b>	<ul style="list-style-type: none"> <li>• Course on air operator oversight</li> <li>• Special AWO operations (CAT II/CAT III)</li> <li>• RVSM approval of aircraft and operators</li> <li>• RNAV-RNP approval of aircraft and operators</li> </ul>	Virtual
<b>AIR</b>	<ul style="list-style-type: none"> <li>• AIR GSI course</li> <li>• Workshop on remote risk-based surveillance (RBS) programme</li> <li>• Workshop on risk-based surveillance (RBS)</li> <li>• Course on SMS for CAAs</li> <li>• Course on LAR 145/43 for the industry</li> <li>• AIR GSI course</li> <li>• Course/workshop on SMS effectiveness for the industry</li> </ul>	Virtual

Area	Course/Workshop	Modality
	<ul style="list-style-type: none"> <li>• Ramp inspections (IDISR) (AIR)</li> <li>• Data approval for major repairs and modifications</li> <li>• Course on AMO SMS</li> </ul>	
<b>OPS/AIR</b>	<ul style="list-style-type: none"> <li>• Ramp inspection course (IDISR)</li> </ul>	Virtual
<b>AGA</b>	<ul style="list-style-type: none"> <li>• NACC/SAM/ACI-LAC/SRV SOP virtual seminars on global reporting format (GRF) cooperation</li> <li>• ICAO/FAA/SRV SOP virtual seminar/workshop on aerodromes</li> <li>• EULAC/ICAO-SAM/SRV SOP virtual workshop on aerodrome certification with an SMS approach for States</li> <li>• Basic course on AGA LAR – Improved global reporting format (GRF) for runway condition assessment and reporting</li> <li>• Workshop on SMS maturity assessment (AGA)</li> <li>• Workshop on aerodrome SMS acceptance for certification processes (AGA)</li> </ul>	Virtual
<b>ANS</b>	<ul style="list-style-type: none"> <li>• Workshop for inspectors and providers on the presentation of risk management and sanitary protection measures brochures for ATS units</li> <li>• Workshop on SMS implementation in ATS</li> <li>• Third virtual workshop on ATS fatigue management to assess the progress of ATC fatigue training provided to States</li> <li>• ANS inspector refresher course</li> <li>• Lead auditor course</li> </ul>	Virtual
<b>GEN</b>	<ul style="list-style-type: none"> <li>• Course on risk-based surveillance (RBS - PEL/OPS/AIR/AGA)</li> </ul>	Face-to-face and virtual

2.3. With regard to training activities for 2022, 12 courses have been initially programmed within SRV SOP's activities. As part of our policy, we leave the option open for the delivery of additional courses or seminars that may be requested by our States, which usually increase significantly during the year, as shown above.

2.4. In addition to the information herein provided regarding courses, it should be noted that the Sixteenth Meeting of the Licensing and Aviation Medicine Panel, held on 18-22 October 2021, included in its PEL LAR set Amendment 76 to Annex 1, concerning competency-based training and evaluation of aviation personnel, mainly geared to remote pilots, air traffic controllers, flight dispatchers and aircraft maintenance mechanics. Likewise, a conclusion was adopted to create a multinational and multidisciplinary team to develop the work programme for the implementation of this training modality at the training centres of SRV SOP States, and to produce guidance material by 2022, both on inspection procedures, as well as on advisory circulars for CATCs themselves.

2.5. In this regard, the CATC representatives attending the Meeting that wish to participate in this task together with the subject matter experts, that is, the SRV SOP PEL/OPS/AIR inspectors of our States, are invited to joint this effort for the implementation of Amendment 176 to Annex 1.

**3. Conclusion**

3.1. In view of the above, the following draft conclusion is formulated:

<b>CONCLUSION CIAC/19-xx</b>		<b>JOINT WORK BETWEEN THE SRVSOP AND THE CATCs OF THE REGION FOR THE IMPLEMENTATION OF AMENDMENT 176 TO ANNEX 1</b>	
<b>That:</b> The CATCs of the States collaborate with the SRVSOP Technical Committee.		<b>Expected impact:</b> <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational	
<b>Why:</b> To be part of the team in charge of developing guidance material for the implementation of the training and proficiency assessment of aviation personnel applying for licenses and ratings, in accordance with Amendment 176 to Annex 1.			
<b>When:</b> Once the team is established, in 2022.		<b>Status:</b>	
<b>Who:</b> <input type="checkbox"/> Coordinators <input type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: SRVSOP/CATCs			

**4. Action suggested**

4.1. The Meeting is invited to:

- a) take note of the information provided herein; and
- b) review the draft conclusion for the adoption of a decision in this regard.