



ATTACHMENT B

ICAO SOUTH AMERICAN REGIONAL OFFICE

MNEMOTECNIC PAPER – LTAG 01

| Operational Improvements Pillar of Long-Term Aspirational Objectives (LTAG) Workshop Lima, Peru, June 22-26, 2026 | |
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| Regional strategy for the implementation of the Environment area in the SAM Region | <ul style="list-style-type: none"> ✓ Until December 2027: <ul style="list-style-type: none"> - To promote the adhesion of States to the Voluntary Phase of the CORSIA scheme. ✓ Until December 2030: <ul style="list-style-type: none"> - Promote actions to include the ambitious long-term objectives (LTAGs), planned for 2030 (CAAF/3), in the Action Plans of the States for the reduction of CO2 emissions (SAP) from international civil aviation; - Promote the realization of SAF Feasibility Studies in the States. - Driving Roadmap Preparation for the SAF Industry - Socialize the FINVEST platform and promote business cases related to the SAF industry - Socializing new technology initiatives ✓ Ongoing tasks: Follow up: <ul style="list-style-type: none"> - The updating of the SAP; - The submission of CO2 emissions reports from air operators to the central registry of CORSIA (CCR) - The establishment of thematic tables for the implementation of the production and use of sustainable aviation fuels (SAF); - Adherence to the CORSIA scheme; - Joining the ACT-SAF Program - The implementation of clean energy mechanisms (CDM) in airport management - |
| ICAO's Strategic Objective | Aviation is environmentally sustainable |
| Objective of the Meeting | Strengthen the understanding and application of operational improvements as a key pillar to achieve the decarbonization of aviation by 2050 (LTAG), maximizing efficiency, safety and sustainability of the ATM system |
| Activities carried out by the SAM Region on ICAO's Environmental Protection initiatives | <ul style="list-style-type: none"> ✓ Before 2019: Promotion of the preparation of the SAPs by the States, through Missions and teleconferences; ✓ Prior to 2019: Participation in GLAD and various meetings on the Environment to promote and build capacity for the implementation of ICAO's initiatives related to Environmental Protection ✓ 2019: Seminars on Green Airports. ✓ 2020: 10 Years of SAP Teleconferences |

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| | <ul style="list-style-type: none"> ✓ 2021: Participation in the teleconferences for the LTAG ✓ 2022: Participation in LTAG teleconferences, high-level meeting on LTAG and other Environment meetings ✓ 2023: Promoting participation in the ACT-SAF, CAAF/3 Preparation and CAAF/3 Series ✓ 2023: Assistance to States for the SAF and ACT-SAF Thematic Roundtables ✓ 2024: Regional Seminars on Environment and Aviation ✓ 2024: Assistance to States for the updating of their SAPs aligned to the Global Framework on SAF, LCAF and other forms of clean energy for aviation (CAAF/3) ✓ 2025: ICAO/EASA Regional Environment Workshop for the NAM/CAR/SAM Regions - "Promoting the Decarbonization of Aviation" |
| <p>Current Status of the SAM Region in Implementation of ICAO's Environmental Protection Initiatives</p> | <ul style="list-style-type: none"> - 13 States have submitted their PAS to ICAO - 4 States have joined the Voluntary Phase of the CORSIA scheme. - 12 States usually submit the CO2 emission reports of their air operators to the central registry of CORSIA; - 12 States have joined the ACT-SAF programme - 3 Feasibility Study for completed SAF and one in process. - 1 SAF Business Case Implementation Study in process - 3 Projects submitted to ICAO's FINVEST HUB |
| <p>Nature of the event</p> | <p>The Operational Improvements Pillar Workshop is being held in the context of LTAG with support from Regional Project RLA/06/901.</p> <p>It has been observed that it is vital to link operational improvement procedures with the State Action Plans for the reduction of CO2 emissions (SAP) and to consider the inclusion of key performance indicators (KPIs) related to environmental initiatives in line with the Eighth Edition of the Global Air Navigation Plan (GANP)</p> |
| <p>Competitions that the event will generate</p> | <p>The Workshop would allow participants to:</p> <ul style="list-style-type: none"> ➤ Understanding ICAO's Global LTAG Framework ➤ Identify the specific role of operational improvements against other pillars (technology, SAF, market measures) ➤ Analyze how modern ATM directly contributes to LTAG ➤ Linking ATM improvements to emissions reductions |
| <p>Profile of the participants</p> | <ul style="list-style-type: none"> ✓ Personnel responsible for the planning and implementation of operational improvements in the structure of airspace and/or aerodromes, with an impact on environmental benefits. ✓ Personnel responsible for the planning of environmental measures in aviation who work in the preparation of State Action Plans for CO2 Reduction; managing the CORSIA scheme and in the planning of measures in the context of LTAGs. ✓ Operational personnel who work in the management of aeronautical and meteorological information. |
| <p>Next steps in strategy development</p> | <p>In accordance with the deadlines of the regional strategy:</p> <ul style="list-style-type: none"> ✓ To accompany States in the inclusion of environmental KPIs in the National Air Navigation Plan; ✓ To support the inclusion of LTAG in the SAPs of the States. |

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| | ✓ To accompany the interaction between air navigation planning and the planning of environmental protection measures regarding CO2 emissions, non-CO2 emissions and local air quality. |
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