



## ATTACHMENT A

### ICAO NACC AND SAM REGIONAL OFFICES

#### MNEMONIC SHEET - MET 05

RLA/06/901 - Workshop on Severe Meteorological Events and Aviation (Lima - Peru, June 23 to 27, 2025)	
<b>Regional Strategy for the implementation in the area of Meteorology in the SAM Region, related to Severe Meteorological Phenomena</b>	<ul style="list-style-type: none"> <li>✓ <b>Until December 2027:</b> <ul style="list-style-type: none"> <li>- Promote the actions requested by GREPECAS Conclusion 22/9: “Dissemination of the impacts of severe weather events on the safety of air operations”,</li> <li>- Promote coordination agreements for the issuance of early warnings on severe weather phenomena and risk mitigation procedures for air operations.</li> <li>- Promote the issuance of weather warning messages for air navigation and aerodromes.</li> </ul> </li> <li>✓ <b>Ongoing tasks:</b> <ul style="list-style-type: none"> <li>- Follow up on the actions of the Weather Watch Offices and Aeronautical Meteorological Offices upon the development of a Severe Weather Phenomenon.</li> </ul> </li> </ul>
<b>ICAO Strategic Objectives</b>	<ul style="list-style-type: none"> <li>- Safety</li> <li>- Capacity and Efficiency</li> <li>- Environmental Protection</li> </ul>
<b>Objective of the Meeting</b>	<ul style="list-style-type: none"> <li>- To improve the knowledge and training on the mechanisms of formation and development of severe meteorological phenomena, as well as those phenomena that restrict operations at aerodromes, their surveillance, and their codifications,</li> <li>- To prepare risk mitigation plans for air operations under adverse weather conditions.</li> </ul>
<b>Activities carried out by the MAR Region on Tropical and Extra-tropical Cyclones</b>	<ul style="list-style-type: none"> <li>✓ 2019: Request to GREPECAS to evaluate the possibility of establishing a Tropical Cyclone Advisory Center (TCAC) for the Southern South Atlantic.</li> <li>✓ 2019: Creation of a working group to analyze severe weather events that have generated air incidents in the SAM Region.</li> </ul>

<b>Current situation of the SAM Region regarding the monitoring of Severe Weather Events and other phenomena that restrict air operations</b>	<ul style="list-style-type: none"> <li>✓ 2022: The Working Group sent the report on the evaluation of the analysis of severe weather events that have generated air incidents in the SAM Region to GREPECAS 20.</li> <li>✓ 2023: Teleconferences regarding the creation of coordination mechanisms for the issuance of homogeneous SIGMETs when the event affects more than one FIR.</li> <li>✓ 2024: GRPECAS issues Conclusion 22/9 “Dissemination of the impacts of severe weather events on the safety of air operations”.</li> </ul>
<b>Nature of the event</b>	The event is a Workshop on Severe Weather Events and Aviation, which seeks to train colleagues from States affected by these types of systems, in order to provide surveillance according to aviation requirements, coordinate risk mitigation actions and generate a Data Bank on these types of events as well as the lessons learned from each event.
<b>Competencies to be generated by the event</b>	The event will provide capabilities for the preparation of early warnings of severe weather events and other adverse weather phenomena that may affect air operations and agree on risk mitigation procedures for operations under adverse weather conditions.
<b>Profile of the participants</b>	<ul style="list-style-type: none"> <li>✓ MET personnel in charge of technical decision making.</li> <li>✓ MET personnel working in Weather Watch Offices and Aeronautical Meteorological Office.</li> <li>✓ ATS and AIS/MET personnel using meteorological information for air traffic management and preparation of flight plans.</li> <li>✓ AGA staff using weather warnings to manage airport operations and mitigate risks with adverse weather operations</li> </ul>
<b>Next steps in strategy development</b>	<p>In accordance with the deadlines of the regional strategy:</p> <ul style="list-style-type: none"> <li>✓ Work in coordination with States and organizations, at the regional and inter-regional level, on surveillance and early warnings of severe phenomena that may affect air navigation.</li> <li>✓ Continue to support capacity building for surveillance and reporting of severe weather warning messages.</li> </ul>
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