INTERNATIONAL CIVIL AVIATION ORGANIZATION



Workshop NAM/CAR/SAM on the Cyclical Review and Verification of the Basic Building Blocks (BBB) for MET and AIM

Presentation of the Documents prepared under the auspices of Project RLA/06/901

ICAO - Secretariat



❑ Vision

A safe, secure and sustainable international civil aviation system that connects the world for the benefit of all nations and peoples.

❑ Mission

To lead international civil aviation as a key driver of social and economic development, while enhancing safety, security, economic development and environmental sustainability for a growing aviation system.

❑ Strategic objectives



EVERY FLIGHT IS SAFE AND SECURE



AVIATION IS ENVIRONMENTALLY SUSTAINABLE



AVIATION DELIVERS SEAMLESS, ACCESSIBLE, AND RELIABLE MOBILITY FOR ALL



NO COUNTRY LEFT BEHIND



THE INTERNATIONAL CIVIL AVIATION CONVENTION AND OTHER TREATIES, LAWS AND REGULATIONS ADDRESS ALL CHALLENGES



THE ECONOMIC DEVELOPMENT OF AIR TRANSPORT ASSURES THE DELIVERY OF ECONOMIC PROSPERITY AND SOCIETAL WELL-BEING FOR ALL

❑ Three essential aspirations

- ✓ Net Zero Carbon Emissions
- ✓ Connected Transportation System
- ✓ Zero deaths

❑ High Priority Facilitators

- ✓ ICAO Continuous Organizational Improvement
- ✓ Gender equality and attracting new talent
- ✓ Innovation
- ✓ Partnerships, resource mobilization and financial sustainability

Background

GREPECAS/22 analyzed the implementation of essential meteorological services (ETCs) through NE/18, proposing a standardized framework for the monitoring and verification of BBBs in the CAR/SAM Regions.

The framework is based on the structure of the GANP BBBs, the eANP, national regulatory frameworks and national oversight and supervisory mechanisms.

The need to use regional scorecards to measure the level of implementation, identify gaps and support decision-making was identified.

The meeting stressed that the approach initially developed for MET needed to be extended to AIM, SAR, ATM and AGA to achieve a comprehensive assessment of essential air navigation services.

Background

GREPECAS/22 — NE/18
29/08/24

Cuarta Reunión Conjunta GREPECAS–RASG-PA y
Vigésima segunda Reunión del Grupo Regional de Planificación y Ejecución del Caribe y Sudamérica (GREPECAS/22)
Fase Virtual (Asincrónica, en línea 13 de septiembre al 11 de octubre de 2024)
Fase Presencial (Lima, Perú, 20 al 22 de noviembre de 2024)

Cuestión 5 del Orden del Día: **Implantación de los Servicios de Navegación Aérea (ANS) CAR/SAM**

ANÁLISIS DE IMPLEMENTACIÓN DE LOS ELEMENTOS CONSTITUTIVOS BÁSICOS (BBB) DEL SERVICIO METEOROLÓGICO PARA LA NAVEGACIÓN AÉREA INTERNACIONAL

(Presentada por la Secretaría)

RESUMEN EJECUTIVO

La nota de estudio presenta el proceso de verificación de elementos constitutivos básicos (BBB), necesario para recopilar, procesar y monitorear la implementación de los Servicios Meteorológicos para la Navegación Aérea Internacional como tema que debería considerarse en las actividades del área de meteorología aeronáutica del GREPECAS.

Acción:	Las acciones sugeridas se presentan en la Sección 4.
Objetivos	• Seguridad Operacional

ICAO

Background

As a result, Conclusion **GREPECAS/22/10 - Periodic Verification of the BBBs of MET, AIM, SAR, ATM and AGA Services was adopted**.

The conclusion mandated the NACC and SAM Regional Offices to develop BBB regional scorecards and report progress to GREPECAS/23

States were also urged to strengthen their supervision, surveillance, and quality control processes to feed into the regional verification process

Development of the RAC/SAM Document for the Cyclical Monitoring and Verification of BBBs

Approved in the RCC/19 of Project RLA/06/901

Direct response to Conclusion GREPECAS/22/10.

It establishes a harmonised methodology for the RAC/SAM Regions.

Define periodic cycles of evaluation and reporting.

It leverages existing mechanisms of state oversight and quality control.

Development of the RAC/SAM Document for the Cyclical Monitoring and Verification of BBBs

It seeks to reduce duplication and maximize synergies between authorities and service providers.

It facilitates the objective measurement of the implementation status of essential services.

It provides standardized information for decision-making by GREPECAS and its auxiliary bodies.

Document Preparation Team
(Document developed under the Regional Project RLA/06/901)

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- MET Specialist.
- Responsible for the methodological development associated with the BBBs of Meteorological Services.

Juan Gonzalez (Uruguay)

- AIM Specialist.
- Responsible for the methodological development associated with the BBB of Aeronautical Information.

Both experts consolidated a common methodology applicable to the MET and AIM domains aligned with the guidelines of GREPECAS and the GANP. At present, the documentation is used as a model for the construction of the methodology that would be applicable to the ATM, SAR and AGA areas.

"The implementation of a standardized regional process of cyclical verification of BBBs provides the NAM, CAR, and SAM Regions with an objective tool to monitor critical capabilities, identify implementation gaps, and sustain continuous improvement of air navigation system safety, resiliency, and efficiency."

Thank You



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