



**Fourth GREPECAS–RASG-PA Joint Meeting and
 Twenty-second Meeting of the CAR/SAM Regional Planning and Implementation Group
 (GREPECAS/22)**

Virtual Phase (Asynchronous, 16 September to 11 October 2024)
 In-Person Phase (Lima, Peru, 20 to 22 November 2024)

Agenda Item 12: OTHER BUSINESS

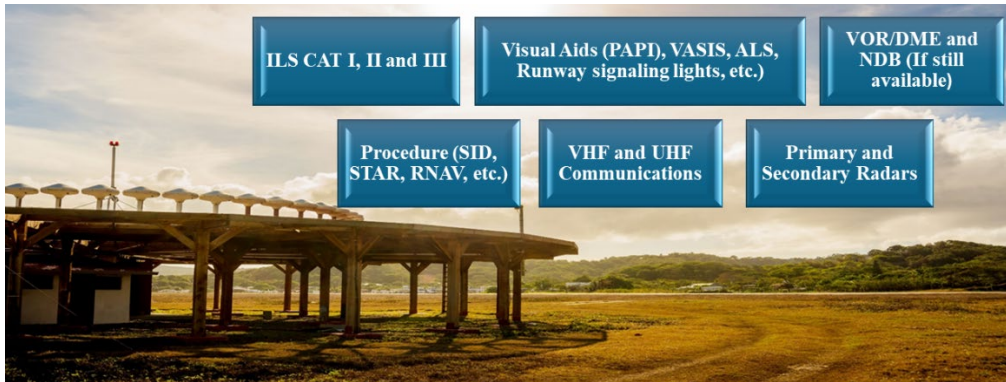
INTERNATIONAL COOPERATION FLIGHT INSPECTION

(Note presented by the States of Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua, Members of the Central American Corporation of Air Navigation Services - COCESNA)

EXECUTIVE SUMMARY	
<p>In an environment where safety and operational efficiency are crucial, COCESNA announces that it has a King Air B200 laboratory aircraft, through which, within the framework of International Cooperation agreements, it provides support for In-Flight Inspection of Radio Aids and Visual Aids (Lighting systems)</p> <p>This service is of high importance to ensure the integrity of the electronic signals in space that are transmitted by radio aids, as well as to validate the departure approach, en route and arrival procedures of aircraft at airports.</p>	
Action:	Refer to Section 3.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Safety and Efficiency of Air Navigation. • Validation of Procedures, Radio Aids, and Visual Aids • Implementation of Technologies in Flight Inspection. • Economic development of Air Transport.
<i>References:</i>	ICAO DOC 8071 (Manual on Testing of Radio Navigation Aids) / Anexo No.10, Anexo 14 / FAA Regulations.

1. Introduction

1.1 COCESNA has been carrying out support activities for Flight Inspection through the use of an aircraft equipped with a verification console, which meets the international requirements for this type of service, thus guaranteeing that air navigation procedures are safe for the users. Flight inspections are specially developed for the following systems and procedures:



1.2 COCESNA aircraft has a Flight Inspection System or Airfield Verification Console AT-940 recently updated by the manufacturer, which allows optimization of Air Verification maneuvers and other relevant operational aspects, generating significant savings in flight time, flight and lower costs for Clients.

It is important to note that in the same way the Avionics system of the King Air B200 has been updated to a device (Garmin 1000 NXi). It has 850 HP SWEPT BLADE turboprop engines that allow a flight autonomy of 5 hours 30 minutes; consistent with the technological innovation that aviation has had recently.

1.3 The crew is made up of highly qualified professionals to efficiently develop the Flight Inspection processes, and with experience in maintenance and installation of Radio Aid and Aeronautical Communications Systems, as well as in Flight Inspection of Radio Aid Systems, to Air Navigation Visual Aids and Procedure Validation who periodically strengthen their knowledge and technical and operational skills; trained with specialized training at the FAA Academy, in Oklahoma, U.S.A.



2. Benefits and Cooperation:

- 2.1 Promote international collaboration to provide Flight Inspection Services, guaranteeing that navigation systems are correctly and timely calibrated and operational, reducing the risk of navigation errors.
- 2.2 Ensure that the In-Flight Validation of approach and takeoff procedures are reliable, which is vital for flight safety.
- 2.3 Regulatory Compliance: The service complies with the Standards and procedures dictated by ICAO Doc. 8071 and Manual on Testing of Radio Navigation Aids 8200.1D (FAA Regulations, / Annex No. 10, & ICAO Annex 14.
- 2.4 COCESNA has implemented a comprehensive maintenance modality for the King Air B200, which guarantees its operability, significantly increasing the availability of this, which guarantees its operability, significantly increasing its availability, with greater stability and safety in its operation.

3. Action Request:

- 3.1 Take note of the information presented.
- 3.2 Invite countries to know through our website www.cocesna.org the catalog of COCESNA services in terms of international cooperation, especially the Flight Inspection capabilities.
Contact: acna@cocesna.org Tel. +(504) 2275-7090 Ext.45002.