



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office
INFORMATION PAPER

NACC/WG/10 — IP/05
28/08/25

Tenth North American, Central American and Caribbean Working Group Meeting (NACC/WG/10)
Tulum, Mexico, from 8 to 12 September 2025

Agenda Item 8: Other business

ICAO SURVEILLANCE PANEL ACTIVITIES

(Presented by United States)

EXECUTIVE SUMMARY	
This information paper describes recent and planned activities of the ICAO Surveillance Panel.	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency

1. Introduction

1.1 The work programme and activities of the ICAO Surveillance Panel (SP) are relevant to the NACC Working Group (NACC WG). Per its charter from the Air Navigation Commission (ANC), the SP consists of two Working Groups: the Aeronautical Surveillance Working Group (SP-ASWG) and the Airborne Surveillance Working Group (SP-AIRBWG).

1.2 Information and discussions from the most recent SP Working Group meetings and may be useful for consideration by the NACC WG.

2. Discussion

2.1 The work programme and activities of the ICAO Surveillance Panel (SP) are relevant to the NACC Working Group (NACC WG). Per its charter from the Air Navigation Commission (ANC), the SP consists of two Working Groups: the Aeronautical Surveillance Working Group (SP-ASWG) and the Airborne Surveillance Working Group (SP-AIRBWG).

2.2 The Surveillance Task Force has continued to monitor the work taking place at the ICAO Surveillance Panel (SP) to ensure regional activities are properly aligned with the expected regulatory changes introduced in the latest revision of the ICAO Annex 10 Volume IV Standards and Recommended Practices (SARPs). The Surv TF is also monitoring introduction of new or changes to existing guidance documents assisting in achieving improved regional harmonization.

2.3. The following provides a summary of work undertaken by the Surveillance Panel since the last ICAO NACC WG meeting held in September 2024.

2.3.1 The Performance Based Surveillance Subgroup (PBSSG) under the ASWG has continued to work to finalize the draft Required Surveillance (RSUR) Manual. A discussion was held at the SP-ASWG held in Montreal from 17 – 21 March 2025 pertaining to the next steps for finalizing the RSUR manual. Along with the ICAO SP Secretary, the ASWG decided to initiate inter-panel coordination to obtain ICAO Panel feedback prior to official submittal for publication.

2.3.2 The PBSSG has held meetings in Frankfurt in April 2025 and Brussels in June 2025 to disposition comments and continue the effort to bring the updated document to closure. A final version of the draft is planned to be presented for presentation at the 22nd meeting of the ICAO SP ASWG in Nairobi, Kenya from 10 – 14 November 2025. A final version of the document will then be prepared for presentation and approval at the 23rd meeting of the ICAO SP ASWG in Montreal, Canada on 20-23 April 2026.

2.3.3 The SP ASWG discussed several ICAO Member State concerns related to the to the proposed changes to ICAO Annex 10 Volume III and IV Standards and Recommended Practices (SARPs) as noted in State Letter AN7/65.1.2-24/94 with an effectivity date of 26 November 2026. It was determined that many of the concerns are already addressed as part of the existing modifications to ICAO Doc 9871 and other associated guidance documents that are planned to be submitted and approved at the 6th Meeting of the Surveillance Panel held in Montreal, Canada on 23rd April 2026.

2.3.4 The following are key areas that were introduced by the latest revisions to the ICAO SARPs.

2.3.4.1 Updates to transponder requirements to ensure compatibility with new 1090 MHz extended squitter Automatic Dependent Surveillance Broadcast (ADS-B) Version 3 formats.

2.3.4.2 Introduction of interference tolerance criteria.

2.3.4.3 Technical provisions for the efficient use of the 1090 MHz radio frequency (RF).

2.3.4.4 Technical provisions on SSR II and SI code operation.

2.3.4.5 Introduction of changes to ICAO Doc 9871 Technical Provisions for Mode S Services and Extended Squitter in support of the introduction of ADS-B Version 3 messages.

2.3.5 The next meetings of the SP, AIRB, and ASWG have been discussed and planned as shown in the below table.

MEETING	DATE	VENUE	REMARKS
4th QTR 2025 (Working Group Meetings)			
AIRB WG/20	10 - 14 November 2025	Nairobi, Kenya	
ASWG/22	17 - 21 November 2025		
1st QTR 2026 (The Sixth meeting of the Surveillance Panel (SP/6))			
SP/6	4 -13 March 2026 (9am-5pm Montreal time)	ICAO Montreal Canada	
Members only Meeting	4th March 2026		
First Plenary	4 March 2026 Opening Session with ANC		
AIRBWG/21	4-6 March 2026		
ASWG/23	9-13 March 2026		
3rd QTR 2026 (Working Group Meetings)			
AIRBWG/22	16-18 September 2026	ICAO Montreal Canada	
ASWG/24	21-25 September 2026		

3. Conclusion

- 3.1 The meeting is invited to:
- a) note the information contained in this paper; and
 - b) discuss any relevant matter as appropriate