



ICAO

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ASBU TF Report

For:
Prepared by:
Date:

ICAO NACC WG/8
ASBU TF Rapporteur
Aug 29 – Sep 1, 2023

ASBU TF – supports preparation and maintenance of NANP



GANP/ASBU Revisions

- The 4th edition (2013) – Block 0 Elements Ready
- **The 5th edition (2016)** – minor updates
- The 6th edition (2019) – Block 1 Elements Ready
- The 7th edition (2022) – minor updates
- **The 8th edition (2025) – Block 2 Elements Ready**
- The 9th edition (2028) – minor updates
- The 10th edition (2031) – Block 3 Elements Ready

The 5th edition (2016)

- The NACC RO identified 20 states, one territory, and one organizations in the CAR region that should prepare their National ANPs.
- The NACC RO organized three National ANP Workshops in 2018. As a result, 18 states/territory/organization successfully submitted the NANPs.
- These NANPs are based on the 5th edition of ASBU and focused on the needs and implementation status of ASBU Elements.

The 6th edition (2019) - Block 1 Elements Ready

- The 6th edition brought major changes.
- Number of KPIs increased from 16 to 19.

PIA 1 - the 5th edition
PIA 2 - the 5th edition
PIA 3 - the 5th edition
PIA 4 - the 5th edition
New - the 6th edition

	5 th B0	5 th B1	6 th B0	6 th B1
Operation				
1-ACAS	3	0	0	1
2-ACDM	5	6	2	2
3-APTA	4	5	8	5
4-ASEP/CSEP	2	4	0	4
5-FRTO	4	6	4	7
6-GADS	-	-	0	2
7-NOPS	2	6	5	10
8-OPFL	1	0	1	1
9-RATS	0	5	0	1
10-RSEQ	4	4	3	1
11-SNET	4	1	4	2
12-SURF	5	2	3	5
13-TBO	4	7	1	1
14-WAKE	5	4	0	0

	5 th B0	5 th B1	6 th B0	6 th B1
Information				
1-AMET	8	6	4	4
2-DAIM	6	4	0	7
3-FICE	4	5	1	0
4-SWIM	0	1	0	0
CNS Technology and Services				
1-ASUR	2	0	3	1
2-COMI	-	-	7	4
3-COMS	-	-	2	3
4-NAVS	-	-	4	1
Deleted Threads from the 6th Edition				
CCO	3	0	-	-
CDO	3	1	-	-
RPAS	0	7	-	-
Total	69	74	52	62

The 7th edition (2022) – minor changes

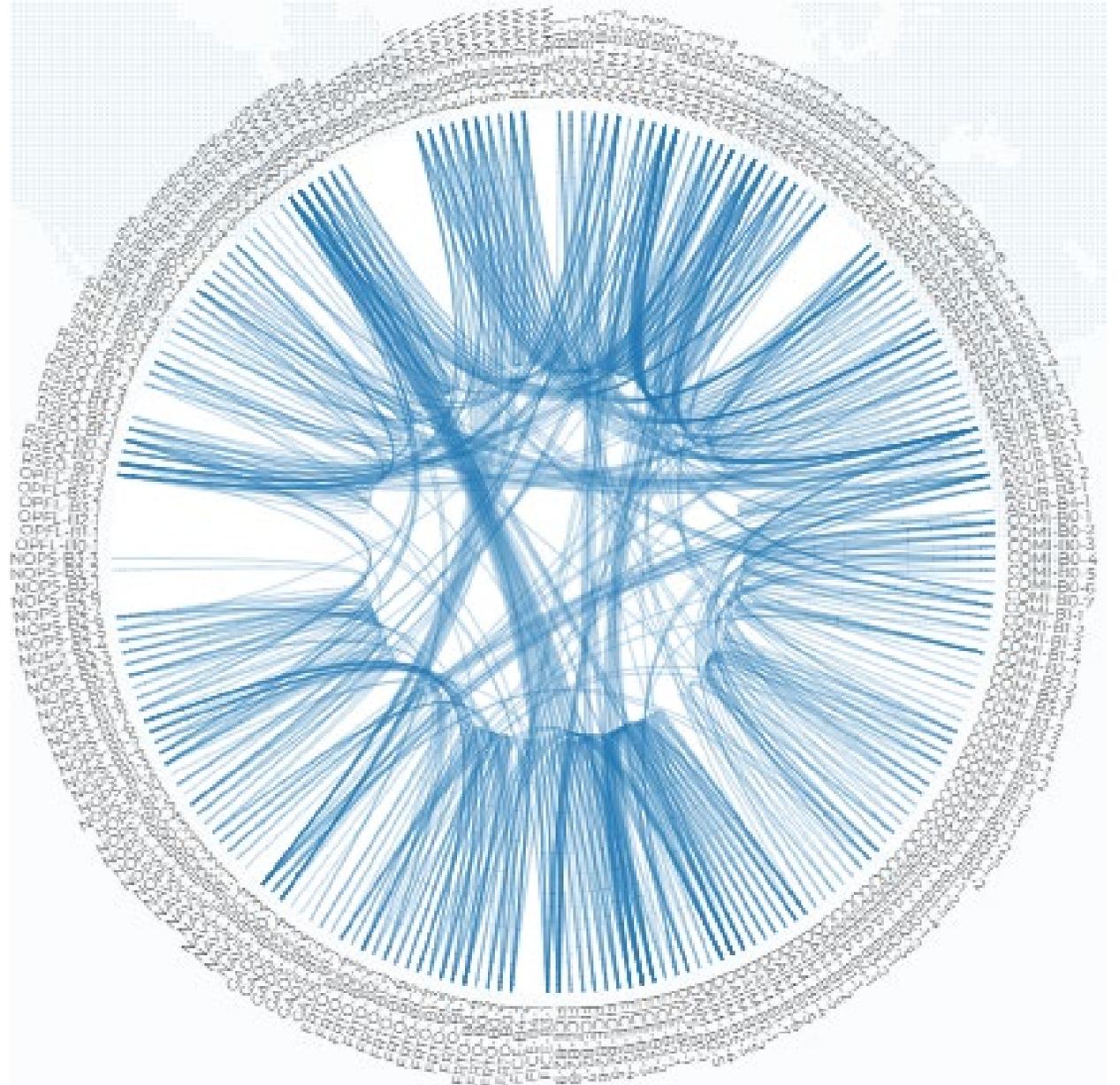
- A few Elements were moved from Block 1 to Block 2, editorial changes were applied to several Elements.
- Thread RATS (Remote Aerodrome Air Traffic Services) was renamed to DATS (Digital Aerodrome Air Traffic Services).
- The 7th edition brought a significant emphasis on Safety related descriptions, including safety ambitions, safety focus area, safety performance objectives and sub-objectives, and mapping of the GASP goals to the safety objectives and sub-objectives.
- Added four new safety related KPIs, (1) number of aircraft accidents, (2) number of runway incursions, (3) number of runway excursions, and (4) number of collisions and alert.

The 8th edition (2025) – Block 2 Elements Ready

- ICAO is preparing for the 8th edition of ASBU (major) to submit to the ICAO 14th Air Navigation Conference (AN-Conf) in September 2024, with anticipated approval at the 42nd ICAO Assembly in September/October 2025.
- The ASBU PPT is committed on defining Block 2 Elements, which are slated for availability for implementation accompanied by sufficient documents to facilitate the harmonized implementation concurrent with the 8th edition.
- Emphasis on Trajectory-Based Operation.
- Dependency Graph is added to the GANP Portal's ASBU section.

Dependency Graph

<https://www4.icao.int/ganpportal/ASBU/Dependency/Graph>



Future ASBU TF Work

- ICAO NACC ASBU TF Coordinator and ASBU TF Rapporteur will continue to monitor the development of newer edition of GANP/ASBU to provide information to NACC members.
- Based on the new guidance and direction from the ICAO HQ (GANP Study Group supported by ASBU PPT and GANP Performance Experts Group), the ICAO NACC needs to articulate its guidance and direction to their member states, territories, and organizations.
- Our members will need to consider the following two areas; support of GREPECAS regional ANP and the revision of NANP.

eANP Volumes (I, II, and) III

- WP/29 will talk about eANP Volumes
- eANP Volume III contains dynamic/flexible plan elements providing implementation planning guidance for air navigation systems and their modernization taking into consideration emerging programmes such as the ICAO aSBU's and associated technology roadmaps described in the GANP (Doc 9750).
- The NACC RO created the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP).
- The new eANP volume III template is for the GREPECAS eANP III consolidating regional ANP of NACC and SAM ROs.
- The GREPECAS eANP Volume III will require inputs from states, territories, and organizations.

NANP

- The GANP Portal's National tab consists of a "NANP template" and is currently labelled as "Coming Soon".
- It is necessary to understand this template when it becomes available and the NACC members need to determine subsequent actions. For example, questions such as:
 - "Should we update our NANP to align with the 7th edition or wait for the 8th edition?"
 - "Should we continue to use the existing NANP template or use the ICAO HQ provided template or create the hybrid template?"

Update ASBU TF Documents

- ICAO NACC ASBU TF Terms of Reference;
- ICAO NACC ASBU TF Work Program; and
- ICAO NACC ASBU TF Membership Point of Contacts List.

Suggested Actions

- Note the information contained in this paper;
- Provide the information to the ICAO NACC RO to support GREPECAS eANP Volume III development when requested; and
- Provide comments and recommendations on revising NANP.

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