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Digital Regional Air Navigation Plan (eANP CAR/SAM)

Presented by the Secretariat

Workshop for the preparation/update of national air navigation plans in accordance to the Aviation System Block Upgrade (ASBU), the CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) and the Global Air Navigation Plan (GANP).

Bridgetown, Barbados, 6 to 9 November 2018





Sec. Gen. Approval

Technical Manuals

Air Navigation Plans

ICAO Circulars

ICAO TECHNICAL PUBLICATIONS

ICAO Council Approval

International Standards and Recommended Practices

Procedures for Air Navigation Services (PANS)

Regional Supplementary Procedures (SUPPS).



Air Navigation Plans

These plans describe in detail the type of facilities and services required for international flights in the different air navigation regions established by ICAO. They are prepared by decision of the Secretary-General, based on the recommendations made by the regional air navigation conferences and the decisions made by the Council on these recommendations.

The plans are amended periodically to reflect any changes in the requirements, as well as the state of execution of the recommended facilities and services.

<https://www.icao.int/NACC/Pages/namcar-eANPV1.aspx>



What are the ANPs used for?

- ✈ Planning and implementation
- ✈ Responsibilities Assignments of States (Art. 28 C.C.)
- ✈ Requirements related to the facilities and services to be implemented by the States
- ✈ Monitoring and measurement of the efforts made by States for the implementation of the agreed requirements
- ✈ Basis for the demands of the charges for rendered services



CAR/SAM eANP (Doc 8733)

Detailed
document
containing

Regional facilities

Regional requirements

General and specifics

Regional agreements



Background

✈ In 1997, the ICAO Council decided that the ANP should be published in two volumes:

- Vol. I - ANP Basic
- Vol. II - FASID Document
Facilities and Services Implementation Document
- Regional Air Navigation Plans





Background

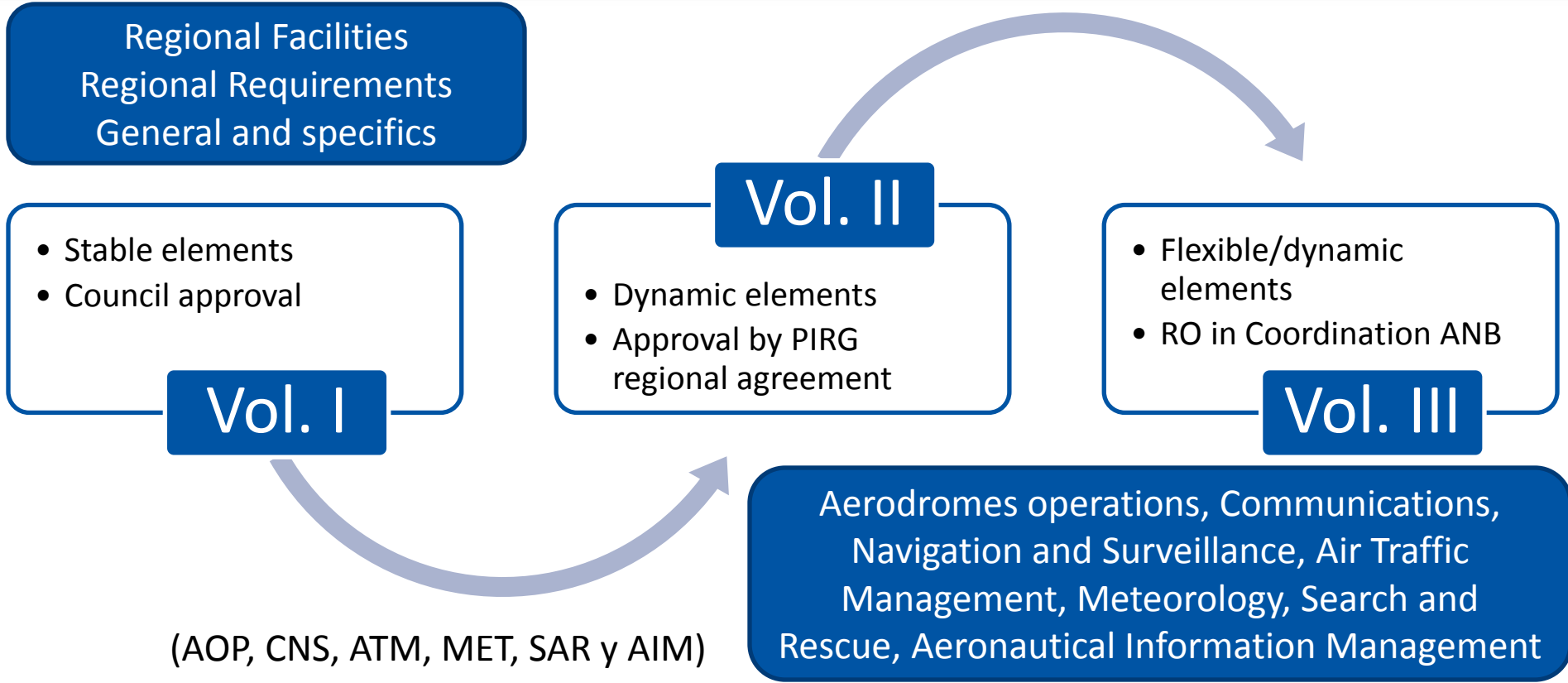
- ✈ In 2014, the ICAO Council approves the new eANP template
 - Volume I
 - Volume II
 - Volume III
- ✈ Online format that contains:
 - Performance metrics
 - Implementation Elements Review
 - ASBU and not ASBU operational improvements





Migration to online format (eANP)

- ✈ Harmonize processes and contents
- ✈ Enter or edit ANP text in online library
- ✈ Change tables within online pivot tables





eANP Vol. I

The elements to be included in Volume I should reduce the frequent modification requirement:

- ✈ AOP
- ✈ CNS
- ✈ Flight Information Region (FIR) boundaries (table and graphics)
- ✈ Search and Rescue Regions (SRR) boundaries (table and graphics)
- ✈ Volcanic Ash Advisory Centres (VAAC)
- ✈ Tropical Cyclone Advisory Centres (TCAC) and
- ✈ Volcano Observatories (VO)



eANP Vol. II

Aspects related to:

- ✈ assignment of responsibilities,
- ✈ mandatory requirements subject to a Regional Agreement and/or
- ✈ additional requirements specific to the Region and not covered by the SARP



eANP Vol. III

Aspects related to the provision of guidelines Air Navigation Systems implementation planning:

- ✈ Modernization, taking into account emerging programs such as the ICAO ASBU
- ✈ Associated technology plans described in the Global Air Navigation Plan (GANP) (Doc 9750)



The information contained in Volume III would be related to the monitoring, planning and orientation for the implementation:

Vol.III

- Part 0 – Introduction,
- Part I – General Planning Aspects (GEN), and
- Part II – Air Navigation System / ASBU Implementation



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eANP CAR/SAM Current Status

✈ Vol. I:

Amendment approved by the Council on April 13, 2016

✈ Vol. II:

Amendment approved on June 2017



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CAR/SAM eANP Vol. III Current Status

Decision PPRC/4-3 from GREPECAS 18

POSTPONEMENT OF THE APPROVAL OF THE CAR/SAM E-ANP VOL. III

Considering the coming GANP update from ICAO, 6th. Edition (2019), and the importance of aligning Volume III with these requisites:

- a) ICAO will circulate Vol. III until the 6th version of the GANP is available
- b) States will continue to use their Regional Performance-Based Air Navigation Implementation Plan (SAM-PBIP and RPBANIP) for the elaboration of their of their National Air Navigation Plans



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Conclusions

To achieve that the ANS do not have any discontinuities, thanks to the existence of interoperable systems and harmonized procedures

Vol. I and II of the eANP list regional facilities and regional requirements, both general and specific, that regional air navigation agreements establish for international civil aviation operations

Vol. I and II of the eANP cover aerodrome operations, communications, navigation and surveillance, air traffic management, meteorology, search and rescue and aeronautical information management.

Vol. III of the eANP will evolve with the sixth edition of the GANP 2019, the PIRG and other implementation groups should keep abreast of the implications

Recommendation:

States should include NANPs as a strategic part of their national development plans



THANK YOU!