



EASA

European Aviation Safety Agency

PBN Overview – upcoming rule change

3rd Air OPS WS

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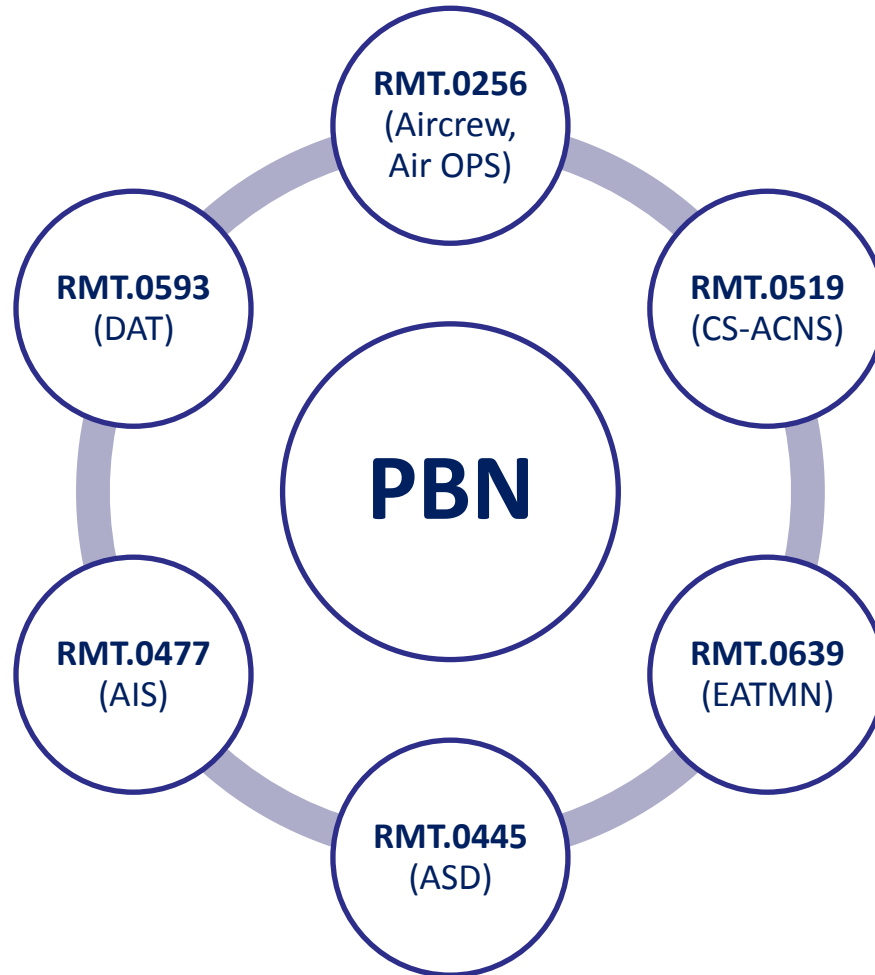
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Regulatory actions to enable PBN





Overview of PBN related RMTs

- RMT.0519 (CS-ACNS)
 - developing the airworthiness rules for PBN operations
- RMT.0639 (EATMN)
 - containing rules addressed to ANSPs and aerodrome operators for the use of PBN specifications en-route , terminal area and approach
- RMT.0445 (ASD)
 - specifying that PANS-OPS criteria to be used for procedure design
- RMT.0477 (AIS)
 - ensuring data quality of raw data and specifying aeronautical information products and services
- RM.0593 DAT)
 - ensuring the quality of the provision of air navigation data through service providers



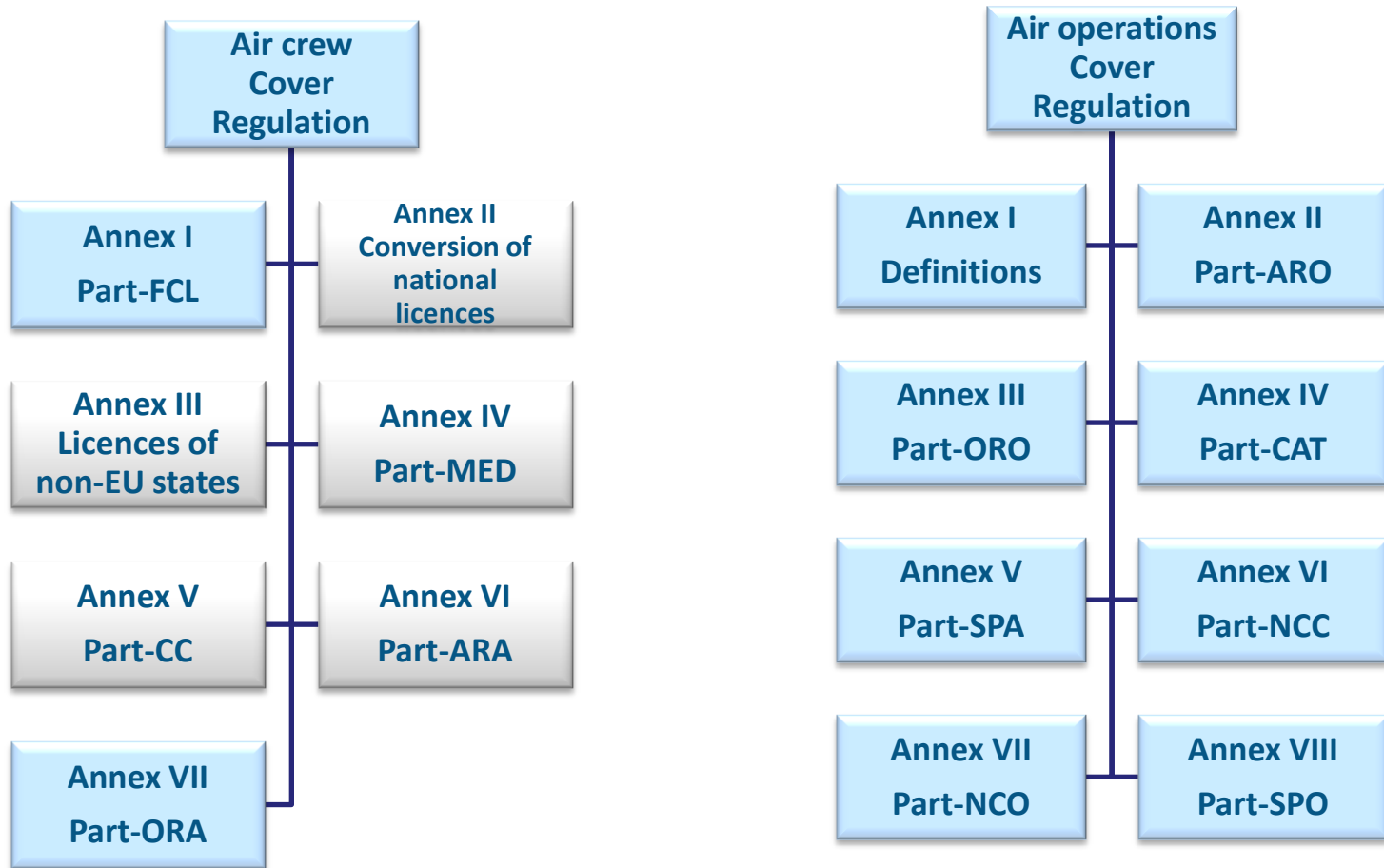
➤ Objectives for the action

- Adequately reflect in the regulatory framework that PBN is a normal mode of navigation
- Apply a more efficient and effective regulator approach
 - replace the regulatory instrument of specific approval (SPA) through pilot training and checking and performance-based and proportionate operational rules
 - SPA remain only for complex PBN operations which cannot be adequately addressed during initial training



RMT.0256 (Aircrew, AirOPS)

► Affected rules (in blue shape fill)





RMT.0256 (Aircrew, AirOPS)

➤ Upcoming amendments to Reg. 1178/2011

➤ Part-FCL

- adding PBN to the privileges of the Instrument Rating
- adding PBN related definitions
- adding PBN operation to the limits and content of the skill tests and proficiency checks in Appendix 7 and Appendix 9
- adopting the new ICAO approach classification terminology

➤ Part-ORA

- for IR training, aircraft or FSTDs shall be equipped for PBN training



RMT.0256 (Aircrew, AirOPS)

➤ Proposed amendments to Reg. 965/2012

➤ Part-SPA

- specific approval only required for RNP AR APCH and RNP 0.3 (H)
- RNP AR APCH can be generic or procedure specific approval (e.g. if procedure does not comply with ICAO procedure design criteria)

➤ Part-ARO

- new IR on specific approvals for RNP AR APCH
- amendments to Appendix II (OPSPECS template) and Appendix V (list of specific approvals)



➤ **Proposed amendments to Reg. 965/2012**

➤ Parts-CAT/NCC/NCO/SPO

- aircraft meets the airworthiness certification requirements for the applied PBN specification
- aircraft is operated in conformance with relevant PBN specification and AFM limitations
- navigational database is suitable and current
- conventional procedure available either on destination aerodrome or destination alternate aerodrome



RMT.0256 (Aircrew, AirOPS)

➤ Next steps

- Adoption of amendments to Implementing rules in EASA Committee scheduled for November 2016
- Publication of amended rules including AMC/GM scheduled for Q2/2016
- Envisaged applicability August 2016



ICAO actions related to PBN

➤ ICAO

- ICAO proposed amendments to Annex 6 with SL 9/2015, requiring a specific approval only for “complex” PBN operations – envisaged applicability date: November 2016
- ICAO works on consequential amendments on Doc 9976
- The PBN-SG continues working on the PBN Manual
- CONOPS for visual guided approaches to be presented to the next ICAO FLTOPS Panel meeting



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Thank you for your attention

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