



# EASA

European Aviation Safety Agency

## Part-SPA Session 2 - PBN Outlook to future developments

**2<sup>nd</sup> Workshop on the Implementation  
of the AIR OPS Regulation (EU) No 965/2012**

Willy Sigl  
Air Operations Regulations Officer  
8 October 2014

**Your safety is our mission.**

An agency of the European Union 

TE.GEN.00409-001



# Overview

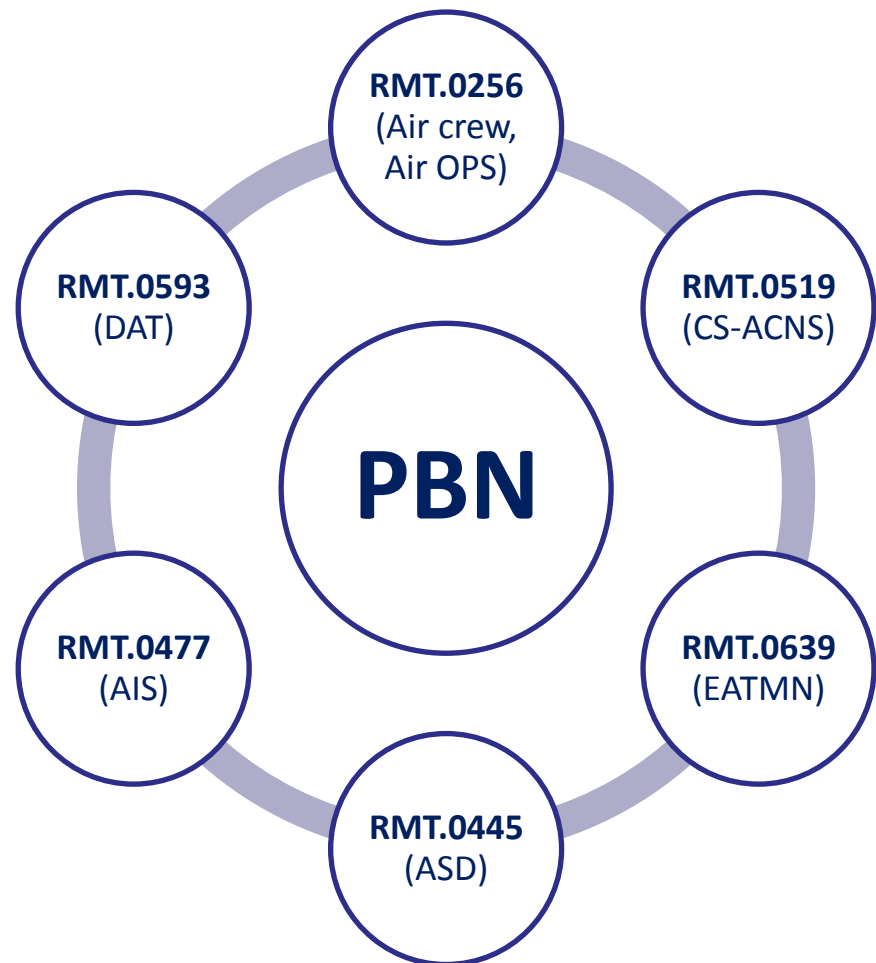
- **Upcoming regulatory changes in Europe**
  - Overview of PBN related RMTs
  - RMT.0256
- **Upcoming regulatory changes at ICAO**
  - FLTOPS Panel
  - PBN Study Group



# Upcoming regulatory changes in Europe

## ➤ Overall objectives

- fully integrate PBN operations into the European regulatory system
- acknowledge that PBN has been the primary navigation mode for the majority of air operators
- increase the overall level of safety





# Upcoming regulatory changes in Europe

## ➤ RMT.0256 (PBN | Air crew, Air OPS, AMC 20...)

### ➤ General approach

- replace the less effective regulatory tool of specific operational approval through progressive requirements for initial and recurrent training as well as effective operational rules
- update and consolidate PBN related rules
- develop risk-based and proportionate standards
- remove excessive administrative obligations

### ➤ Timelines

- NPA 2013-25 published
- CRD/Opinion expected for Q1/2015
- Applicability target: 25 August 2016



# Upcoming regulatory changes in Europe

## ➤ RMT.0256 (PBN | Air crew, Air OPS, AMC 20...)

### ➤ Amendments to Reg. 1178/2011 (Air Crew)

#### ➤ For Instrument Rating and Type Rating:

- updated Learning Objectives reflecting PBN operations
- mandatory ground and flight training on PBN operations
- PBN proficiency to be demonstrated during the theoretical knowledge examination, skill test and revalidation of ratings

#### ➤ Flight instructors, examiners, ATOs:

- to be prepared for PBN training and checking by August 2016



# Upcoming regulatory changes in Europe

## ➤ RMT.0256 (PBN | Air crew, Air OPS, AMC 20...)

### ➤ Amendments to Reg. 965/2012 (Air Ops)

#### ➤ Part-SPA:

➤ PBN specific operational approval not anymore required

▶ except for RNP AR APCH, RNP 0.3 helicopter operations

➤ new AMCs for RNP AR APCH

#### ➤ Part-ARO:

➤ consequential amendments to OPSPECS template

#### ➤ Technical Parts – Part-CAT, -NCC, -NCO, -SPO:

➤ new/amended rules in Subparts .OP and .IDE

➤ new GM to better identify the PBN capabilities of legacy aircraft



# Upcoming regulatory changes in Europe

## ➤ RMT.0256 (PBN | Air crew, Air OPS, AMC 20...)

### ➤ Amendments to AMC 20 series

- operational rules from AMC 20 documents moved to Reg. 965/2012 and consolidated
- Note: airworthiness related rules are moved to CS-ACNS



# Upcoming regulatory changes at ICAO

## ➤ FLTOPS Panel

- Working on amendments to ICAO Annex 6 - all three Parts
  - removing the requirement for specific operational approvals except for complex PBN specifications (RNP AR APCH)
  - adding new operational standards
  - consequential amendments to the OPSPECS template
  - applicability target: November 2016
- PBNO-SG
  - working on proposals for
    - RNVA visuals
    - CDFA





# Upcoming regulatory changes at ICAO

## ➤ PBN Study Group

- assist the ICAO Secretariat for coordination of all ICAO PBN related work with the aim of assuring global interoperability and harmonisation
- Working on amendments to Doc. 9613 PBN Manual
  - consolidate PBN specifications per flight phase
  - address charting issues, terminology, information
  - overhaul rules for GA
  - update the Manual with the forthcoming amendments to Annex 6



# EASA

European Aviation Safety Agency



## Questions



**Your safety is our mission.**

An agency of the European Union

