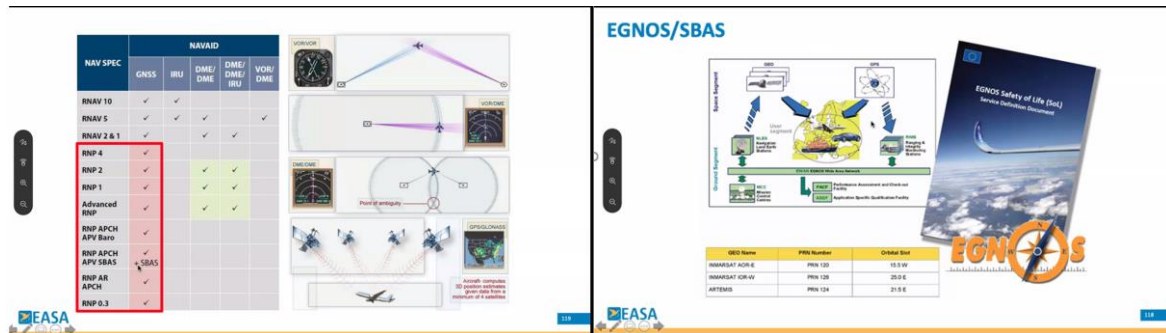


07 October 2021

PERFORMANCE BASED NAVIGATION (PBN) OPERATIONS Training



NAV SPEC	NAVAID				
	GNSS	IRU	DME/DME	DME/DME/IRU	VOR/DME
RNAV 10	✓	✓			
RNAV 5	✓	✓	✓	✓	✓
RNAV 2 & 1	✓	✓	✓	✓	✓
RNP 4	✓		✓	✓	
RNP 2	✓		✓	✓	
RNP 1	✓		✓	✓	
Advanced RNP	✓		✓	✓	
RNP APCH APV Bars	✓		✓	✓	
RNP APCH APV SBAS	✓		✓	✓	
RNP AR APCH	✓		✓	✓	
RNP 0.3	✓		✓	✓	

SBAS Name	PBN Number	Orbital Slot
IRAWASAT ACR-E	PBN 120	15.5W
IRAWASAT ICR-W	PBN 120	20.0E
ARTESAT	PBN 124	21.5E

The content of the course was focused on the general understanding of the PBN concept, specification, operations as well as the application and approval process.

The training programme included practical case studies allowing for the discussions on:

- Operator's auditing of compliance of on-board performance monitoring and alerting and an NAA verification aspects,
- Operating procedures customization,
- MEL - multiple failures,
- Flight Crew Training-customization ,
- RNP AR APCH – Operator's management of RNP monitoring programme and how to perform oversight,
- Initial checking of RNP AR APCH knowledge and procedures,
- Flight operation officers/dispatchers PBN (RNP AR APCH procedures) training requirements,
- Audit of operator's pre-flight RNP assessment,
- Oversight of operator's navigation database management and validation of RNP AR APCH procedures, etc.

The online activity was implemented from 05 - 07 October 2021.

In total 16 participants from 6 beneficiary countries attended the activity.