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Tablica 1/Table 1

Okvirne teme za provjeru teorijskog poznavanja PBN / *Tentative topics for PBN theoretical knowledge check* U skladu s Uredbom Komisije (EU) 1178/2011 / *In accordance with Commission Regulation (EU) 1178/2011*	
062 07 00 00	PBN
062 07 01 00	PBN concept (as described in ICAO Doc 9613)
062 07 01 01	PBN principles
062 07 01 02	PBN components
062 07 01 03	PBN scope
062 07 02 00	Navigation specifications
062 07 02 01	RNAV and RNP
062 07 02 02	Navigation functional requirements
062 07 02 03	Designation of RNP and RNAV specifications
062 07 03 00	Use of PBN
062 07 03 01	Airspace planning
062 07 03 02	Approval
062 07 03 03	Specific RNAV and RNP system functions
062 07 03 04	Data processes
062 07 04 00	PBN operations
062 07 04 01	PBN principles
062 07 04 02	On-board performance monitoring and alerting
062 07 04 03	Abnormal situations
062 07 04 04	Database management
062 07 05 00	Requirements of specific RNAV and RNP specifications
062 07 05 01	RNAV10
062 07 05 02	RNAV5
062 07 05 03	RNAV/RNP1/2
062 07 05 04	RNP4
062 07 05 05	RNP APCH
062 07 05 06	RNP AR APCH
062 07 05 07	A-RNP
Samo helikopteri / Helicopters only	
062 07 05 08	PBN Point in Space (PinS) departure
062 07 05 09	PBN Point in Space (PinS) approach
Dodatno / Optional	
062 05 04 00	FMS and general terms
062 05 04 03	Navigation data base
062 06 00 00	GLOBAL NAVIGATION SATELLITE SYSTEMS
062 06 01 00	GPS/GLONASS/GALILEO
062 06 02 00	Ground, Satellite and Airborne based augmentation systems

Tablica 2/Table 2

Prijedlog pitanja za obradu / Suggested questions to be addressed	
062 07 00 00	PBN
062 07 01 00	PBN concept (as described in ICAO Doc 9613)
062 07 01 01	PBN principles
Objasni zahtjeve na performance RNAV ili RNP sustava / Explain performance requirements of RNAV or RNP system (accuracy, integrity, continuity and functionality)	
Objasni zašto PBN navigacija nije ovisna o osjetilu / Explain why PBN navigation is not sensor specific	
062 07 01 02	PBN components
Nabroji sastavnice PBN / List the components of PBN (NAVAID infrastructure, navigation specification and navigation application)	
062 07 01 03	PBN scope
Objasni osnovnu razliku između oceanic/remote, en route, terminalne i prilazne faze PBN leta / Explain basic difference between oceanic/remote, en route, terminal and approach phases of PBN flight	
062 07 02 00	Navigation specifications
062 07 02 01	RNAV and RNP
Objasni osnovnu razuliku između RNAV i RNP koncepta / Explain basic difference between RNAV and RNP concepts	
062 07 02 02	Navigation functional requirements
Nabroji osnovne funkcionalne zahtjeve za RNAV ili RNP specifikaciju / List the basic functional requirements of RNAV and RNP specification (continuous indication of lateral deviation, distance/bearing to active waypoint, navigation dana storage and failure indication)	
062 07 02 03	Designation of RNP and RNAV specifications
Objasni „X“ u RNAV X ili RNP X / Interpret „X“ in RNAV X or RNP X	
Objasni značenje i navedi primjenu / Explain meaning and define use of: RNAV10 and RNP4, RNAV5, RNAV2 and RNP2, RNAV 1 and RNP 1, RNP APCH, RNP AR APCH, RNP 0.3	
062 07 03 00	Use of PBN
Objasni kako navigacijske performance određuju razdvajanje ruta / Explain how navigation performance determine route spacing	
062 07 03 01	Airspace planning
062 07 03 02	Approval
Koje PBN specifikacije zahtjevaju prethodno odobranje / Which PBN specifications require operational approval	
062 07 03 03	Specific RNAV and RNP system functions
U smislu ARINC 424 tumačenja završetaka putanja objasni slijedeće kratice / Having in mind ARINC 424 path terminator definitions explain following: IF, TF, CF, DF, FA, CA	
Definiraj RF putanju / Define RF leg	
062 07 03 04	Data processes
Objasni utjecaj podataka i pripadajućih procesa na sigurnost navigacijske primjene / Explain influence of dana and applied processes on the safety of application – accuracy, resolution and integrity	
062 07 04 00	PBN operations

062 07 04 01	PBN principles
Objasni / Explain: Grešku određenja putanje / Path definition error Grešku pilotiranja / Flight technical error Grešku navigacijskog sustava / Navigation system error Ukupnu grešku sustava / Total system error	
062 07 04 02	On-board performance monitoring and alerting
Objasni kako se postiže nadzor navigacijskih performanci i upozorenja na zrakoplovu / Explain how on-board performance monitoring and alerting is achieved	
062 07 04 03	Abnormal situations
Navedi nekoliko izvanrednih situacija i objasni postupke za kontrolu istih/ Define few abnormal situations and define procedure for management of them	
062 07 04 04	Database management
062 07 05 00	Requirements of specific RNAV and RNP specifications
062 07 05 01	RNAV10
062 07 05 02	RNAV5
062 07 05 03	RNAV/RNP1/2
Koji uvjet mora biti zadovoljen da bi se mogao letjeti RNAV/RNP1/2 SID ili STAR / Which condition must be satisfied if RNAV/RNP1/2 SID or STAR will be flown	
062 07 05 04	RNP4
062 07 05 05	RNP APCH
Definiraj minimum u slučaju 2D RNP APCH / Define minima in case of 2D RNP APCH	
Na čemu se temelji okomito navođenje u slučaju LNAV/VNAV RNP APCH / How is the vertical guidance in case of LNAV/VNAV RNP APCH achieved	
Koji je učinak temperature na publicirane minimume u slučaju LNAV/VNAV prilaza / Explain how is LNAV/VNAV minimum affected by temperature	
062 07 05 06	RNP AR APCH
Koje su osnovne značajke RNP AR APCH / What are the main characteristics of RNP AR APCH	
062 07 05 07	A-RNP
Koje navigacijske specifikacije su uključene u A-RNP koncept / Which navigation specification does A-RNP incorporates.	
Samo helikopteri / Helicopters only	
062 07 05 08	PBN Point in Space (PinS) departure
062 07 05 09	PBN Point in Space (PinS) approach
Dodatno / Optional	
062 05 04 00	FMS and general terms
062 05 04 03	Navigation data base
062 06 00 00	GLOBAL NAVIGATION SATELLITE SYSTEMS
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062 06 02 00	Ground, Satellite and Airborne based augmentation systems

Ovlašteni ispitivač dužan je u skladu s Člankom 4a Regulative (EU) 965/2012 provesti teorijsku i praktičnu provjeru osposobljenosti kandidate za upis PBN privilegije. Kod provođenja teorijske provjere koristi se obrazac LIC-FRM-385 i provjera se vrši u skladu s naputcima iz ovog obrasca. Broj pitanja / područja koja će se obraditi ostavljen je na diskreciju ispitivaču s tim da se u obrazac LIC-FRM-385 upisuje područje koje su obrađena (prema Tablici 1 gore). Broj obrađenih područja ne smije biti manji od 5.

In Accordance with Article 4a of Regulation (EU) 965/2012 authorized Examiner shall conduct theoretical and practical assesment of candidate's competence for PBN endorsement. Form LIC-FRM-385 with guidance from this form is used for that purpose. Number of theoretical questions / topics to be assesed is left up to Examiner's discretion having in mind to record assesed topics in form LIC-FRM-385 (in accordance with the Table 1 above). Number of assessed topics should not be less than 5.