

CIVIL AVIATION AUTHORITY OF BANGLADESH Flight Standard & Regulations Division

Compliance Checklist for Specific Approval-PBN (To be attached to the SPA application and documentation)

AOC number: Aircraft Type: Registration Marks: MSN

In accordance with SPA.PBN.100, Performance-Based Navigation Operations (PBN-AR) shall only be made if the operator has been granted a PBN-AR approval.

This compliance Checklist is designed to assist operators in demonstrating compliance with the applicable requirements.

An application for PBN-AR approval will be connected with either an application for a new AOC, an application to add a new aircraft type to an existing AOC, or an application to add PBN-AR approval to an aircraft type already listed on the AOC. In all cases, this Compliance Checklist should be submitted to CAAB

The CAAB reserves the right to refuse an application if this Compliance Checklist is not completed in sufficient detail, or contains inaccurate information. Please ensure that the '**Operator's Comments**' column is completed thoroughly, including references to operations manual entries, supporting documentation and sufficient statements to demonstrate compliance.

Requirement	Operator's Comments	CAAB's Comment (SAT/UNSAT)
Airworthiness		
SPA.PBN.105 (a) Does the AFM, AFM revision, AFM supplement, Airworthiness Compliance Document (ACD) or RNP Capability Document show that the aircraft systems are eligible for RNP AR operations?		
SPA.PBN.105 (a) Do the maintenance records document installation or modification of aircraft systems to achieve eligibility? Note: If aircraft were not delivered in an RNP AR APCH operations compliant state, provide details as to how each aircraft was modified to become RNP AR APCH compliant. Where possible, reference should be made to aircraft OEM documentation.		
SPA.PBN.105 (a)		
Do the Navigation database and RNP AR APCH system maintenance practices provide details for the following procedures?		
 Assessing modification documentation and managing the aircraft configuration; including procedures to modify any affected synthetic training devices (aircraft simulators or other training systems). Software configuration management to an individual aircraft level. Aircraft operational data updating procedures e.g. navigation, terrain data bases. 		
Training		
AMC1 SPA.PBN.105(b) (a), (b), (c) & (d)		
Has a training programme for flight crew been developed covering initial and operator conversion course?		

Requirement	Operator's Comments	CAAB's Comment (SAT/UNSAT)
AMC1 SPA.PBN.105(b) (e)		, , , , , , , , , , , , , , , , , , ,
Has a training programme for flight crew been developed covering procedure-specific approval?		
AMC1 SPA.PBN.105(b) (f)		
Has a checking programme for flight crew been developed covering initial, recurrent and operator conversion course?		
AMC1 SPA.PBN.105(b) (g)		
Has a recurrent training programme for flight crew been developed?		
AMC1 SPA.PBN.105(b) (h)		
Has a training programme for flight operations officers/dispatchers been developed?		
AMC2 SPA.PBN.105(d) (g) (4)		
Does the training include the effectiveness of moving maps, vertical deviation indicator (VDI) or similar system?		
AMC2 SPA.PBN.105(d) (m) (2)		
Does the training include initiating the missed approach whilst in a turn?		
Flight Operational Safety Assessment (FOSA)		
AMC1 SPA.PBN.105(c)		
Has the operator established a methodology for conducting a FOSA for each RNP AR APCH procedure?		
AMC1 SPA.PBN.105(c)		
Is the operator's FOSA procedure proportionate to the complexity of the procedure?		
Minimum Equipment List		
AMC1 SPA.PBN.105(d) (a) (1)		
Has the operator amended their MEL to address the equipment provisions for RNP AR APCH operations?		
AMC1 SPA.PBN.105(d) (a) (2)		
Is an operational TAWS Class A available for RNP AR APCH operations?		
AMC1 SPA.PBN.105(d) (b) (1)		
Has the operator developed and documented procedures regarding the use of autopilot/flight director?		
AMC1 SPA.PBN.105(d)(c)		
Has the operator developed and documented procedures regarding pre-flight RNP assessment?		
AMC1 SPA.PBN.105(d)(d)		
Has the operator developed and documented procedures to exclude NAVAID facilities in accordance with NOTAMS, when required?		
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Requirement	Operator's Comments	CAAB's Comment (SAT/UNSAT)
AMC1 SPA.PBN.105(d)(e) Has the operator developed and documented procedures ensuring that a navigational database is current, including procedures if the AIRAC cycle is due to change during the flight?		
Flight Procedures		
AMC2 SPA.PBN.105(d) (a) Has the operator developed and documented procedures describing when modifying the flight plan in-flight is allowed and not allowed?		
AMC2 SPA.PBN.105(d)(b) Has the operator provided flight crew with either a mandatory list of equipment for conducting RNP AR APCH operations or alternate methods to address in-flight equipment failures?		
AMC2 SPA.PBN.105(d)(c) Has the operator developed and documented procedures for ensuring that the appropriate RNP value is used throughout all phases of the approach operation?		
AMC2 SPA.PBN.105(d)(d) Has the operator developed and documented procedures for when a loss of RNP annunciation occurs before and during the approach operation?		
AMC2 SPA.PBN.105(d)(e) Has the operator developed and documented procedures describing when specific facilities need to be inhibited?		
AMC2 SPA.PBN.105(d)(f) Has the operator developed and documented procedures to ensure that flight crew confirm that the correct procedure has been selected?		
AMC2 SPA.PBN.105(d)(g) Has the operator developed and documented procedures for monitoring track deviations and subsequent contingencies?		
AMC2 SPA.PBN.105(d)(h) Has the operator developed and documented procedures for ensuring the lateral and vertical guidance provided by the navigation system is consistent?		
AMC2 SPA.PBN.105(d)(i) How has the operator made flight crew aware of the importance of flying RF legs accurately and at the correct speed?		
AMC2 SPA.PBN.105(d)(j) Has the operator developed and documented procedures for temperature compensation?		

Requirement	Operator's Comments	CAAB's Comment (SAT/UNSAT)
AMC2 SPA.PBN.105(d)(l)		
Has the operator developed and documented altimeter cross - check procedures that are required for RNP AR operations?		
AMC2 SPA.PBN.105(d)(m)		
Has the operator developed and documented missed approach procedures to ensure LNAV engagement after a go- around?		
AMC2 SPA.PBN.105(d)(m)		
Has the operator developed and documented procedures for initialling the missed approach whilst in a turn?		
AMC2 SPA.PBN.105(d)(n)		
Has the operator developed and documented contingency		
procedures for failure, both while en-route and on the approach? Are failures that may affect the lateral and vertical		
deviation performance and loss of signal in space included?		
Has the operator developed and documented procedures to ensure the correct planning for alternate aerodromes?		
Has the Operator updated their flight planning software for Field 18?		
Navigation Database		
AMC3 SPA.PBN.105(d)(a)		
Has the operator documented a validation programme for every RNP AR APCH procedure?		
AMC3 SPA.PBN.105(d)(b)		
Has the operator documented a procedure to review the navigational database after any aircraft system required for RNP AR APCH operations has been modified?		
AMC3 SPA.PBN.105(d)(c)		
Has the operator implemented procedures to ensure timely distribution and insertion of navigation data?		
Does the operator hold Type 1 and/or Type 2 Letter of Agreements (LOA) of their supplier and the Supplier's supplier?		
Reportable Events		
AMC1 SPA.PBN.105(e)		
Does the operator have a procedure to ensure all RNP AR related events are reported?		
Monitoring Programme		
AMC1 SPA.PBN.105(f)(a)		
Does the operator have a monitoring programme to ensure continued compliance with the applicable rules?		

Requirement	Operator's Comments	CAAB's Comment (SAT/UNSAT)	
AMC1 SPA.PBN.105(f)(a)			
Does the operator have a monitoring programme to identify any negative trends in performance?			
AMC1 SPA.PBN.105(f) (b)			
During the interim approval period, does the operator have a procedure to submit the required information every 30 days to the competent authority?			
AMC1 SPA.PBN.105(f) (c)			
Following the interim approval period, does the operator have a procedure to collect and periodically review the required data to identify potential safety concerns?			
AMC1 SPA.PBN.105(f) (c)			
Following the interim approval period, does the operator have a procedure to maintain summaries of the collected data?			
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Position in company:			