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| **Operator name**: | | **IT.AOC.** | | | **A/C type:** | | | | | **Location:** | | |
| **SPA.PBN RNP AR APCH (RNP \_\_\_\_) Approval** 🞎 | | | | | | | | | | | | |
| Implementing Rule reference: (EU) 965/2012 as amended | | | Y: Applicable  N: not applicable | | | |  | | | | | |
| **Subject** | | | | | | Y | N | DOCUMENTATION’S REFERENCE | | | REF | |
|  | *Airworthiness Approval of RNAV System as stated in AFM or other document* | | | | |  |  |  | | | | SPA.PBN.105(a) |
| 1. ***Flight crew training and qualification*** | | | | | | | | | | | | |
|  | *Training programme for Flight Crew Members and relevant personnel involved in the flight*  *preparation* | | | | |  |  |  | | | | SPA.PBN.105(b) |
|  | *Training programme include structured courses of ground and FSTD training* | | | | |  |  |  | | | | AMC1 SPA.PBN.105(b) |
| ***(a)(1) full training programme*** *if FCM has no RNP AR APCH experience*  *→ (b) Ground training for initial introduction to RNP AR APCH*  *→ (c) Initial FSTD training – At least* ***Two*** *RNP AR apch procedures for each duty position*  *(PF and PM) for each FCM, one completing landing and one with RNP missed approach*  *→ (d)Conversion training* | | | | |  |  |  | | | |
| ***(a)(2) abbreviated ground training programme*** *if FCM has RNP AR APCH experience*  *with another EU operator on different type type & variant* | | | | |  |  |  | | | |
| ***a)(2) abbreviated ground and FSTD training programme*** *if FCM has RNP AR APCH*  *experience* *with another EU operator on the same type & variant* | | | | |  |  |  | | | |
| ***(a)(3) abbreviated training programme*** *if RNP AR APCH experience* *with the same operator when changing a/c type, changing to a different variant within the same type or class that has the same level of technology, operating procedures, handling characteristics or changing to a different variant within the same type or class that has significant differences.* | | | | |  |  |  | | | |
| *(e )Additional training for operating RNP AR APCH procedure for which a procedure-specific approval is required* | | | | |  |  |  | | | |
|  | *(f) Initial checking of RNP AR APCH knowledge and procedures* *prior to employing in*  *operations* | | | | |  |  |  | | | |
|  | *(g) Recurrent training (min 2 RNP AR APCH each FCM, 1 for each duty position (PF&PM))* | | | | |  |  |  | | | |  |
|  | *(h) Training for flight operation officers/dispatchers* | | | | |  |  |  | | | |
| 1. ***Safety Assessment*** | | | | | | | | | | | | |
|  | *A safety assessment (FOSA) has been carried out by the operator* | | | | |  |  |  | | | | SPA.PBN.105(c) |
|  | *FOSA conducted for each RNP AR APCH procedure, based on elements in (b)* | | | | |  |  |  | | | | AMC1 SPA.PBN.105(c) |
| 1. ***Operating Procedures*** | | | | | | | | | | | | |
|  | *Operating procedures established* | | | | |  |  |  | | | | SPA.PBN.105(d) |
|  | *Operational considerations* | | | | |  |  |  | | | | AMC1 SPA.PBN.105(d) |
|  | *MEL developed/revised to address the equipment provisions for RNP AR APCH ops* | | | | |  |  |  | | | | (a)(1) |
|  | *TAWS Class A is available for all RNP AR APCH operations.* | | | | |  |  |  | | | | (a)(2) |
|  | *Autopilot or flight director driven by the area navigation system* | | | | |  |  |  | | | | (b) |
|  | *Predictive performance capability available and used for planning and in flight* | | | | |  |  |  | | | | (c) |
|  | *Navaid exclusion procedures* | | | | |  |  |  | | | | (d) |
|  | *Navigation database currency* | | | | |  |  |  | | | | (b) |
|  | *Flight considerations* | | | | |  |  |  | | | | AMC2 SPA.PBN.105(d) |
|  | *Modification of flight plan and use of database* | | | | |  |  |  | | | | (a) |
|  | *Mandatory list of equipment for conducting RNP AR APCH* | | | | |  |  |  | | | | (b) |
|  | *RNP management the appropriate RNP values* | | | | |  |  |  | | | | (c) |
|  | *Loss of RNP before and during the approach* | | | | |  |  |  | | | | (d) |
|  | *Radio – DME updating* | | | | |  |  |  | | | | (e) |
|  | *Approach procedure and waypoint sequence confirmation on navigation system* | | | | |  |  |  | | | | (f) |
|  | *Lateral (+/- RNP value ) and vertical ( +/- 75ft) deviation monitoring and contingency* | | | | |  |  |  | | | | (g) |
|  | *System cross-check during approach* | | | | |  |  |  | | | | (h) |
|  | *Procedures with RF legs including missed approach during/after RF leg* | | | | |  |  |  | | | | (i) |
|  | *Temperature compensation and temperature limits for VNAV* | | | | |  |  |  | | | | (j) |
|  | *Checking of altimeter setting* | | | | |  |  |  | | | | (k) |
|  | *Cross-check of altimeters before approach/FAF (+/-100ft)* | | | | |  |  |  | | | | (l) |
|  | *Missed approach operations and considerations* | | | | |  |  |  | | | | (m) |
|  | *Contingency procedures (failure of GNSS while an route an on approach)* | | | | |  |  |  | | | | (n) |
|  | *Validation of each RNP AR APCH before using it in IMC (in FSTD or VMC)* | | | | |  |  |  | | | | AMC2 SPA.PBN.105(d) |
|  | *list of reportable events has been specified* | | | | |  |  |  | | | | SPA.PBN.105(e) |
|  | *Management RNP monitoring program estabilished and in use for RNP AR APCH Ops* | | | | |  |  |  | | | | SPA.PBN.105(f) |
|  | *Report submitted every 30 days during interim approval period (at least 90gg)* | | | | |  |  |  | | | | AMC1  SPA.PBN.105(f) |
|  | *Reportable events of PBN operations* | | | | |  |  |  | | | | AMC2 ORO.GEN.160 |
|  | *Aeronautical databases used meet data quality requirements adequate for the intended use of the data.* | | | | |  |  |  | | | | CAT.IDE.A.355 |
|  | *Timely distribution/insertion of current and unaltered aeronautical databases to all aircraft* | | | | |  |  |  | | | | CAT.IDE.A.355 |
|  | *Aeronautical database provider certified TYPE 2 DAT i.a.w. Reg.(EU) 2017/373 or equivalent.* | | | | |  |  |  | | | | AMC1  CAT.IDE.A.355 |
| □ *RNP AR APCH* ***generic specific approval***  *(standard ICAO procedure design criteria)* | | | | □ *RNP AR APCH* ***procedure-specific approval***  *(Private or public IAP non standard ICAO or if required by AIP)* | | | | | | | | |
| *In case of* ***procedure-specific approval*** *ENAC*   * *lists the approved instrument approach procedures at specific aerodromes in the PBN approval* * *establish coordination with the competent authorities for these aerodromes*   *takes into account credits from RNP AR APCH already issued to the applicant* | | | | | | | | | ARO.OPS.240 | | | |
| **Remarks:** | | | | | | | | | | | | |

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| **NOMINATED PERSON FLIGHT OPERATIONS**  **NOMINATED PERSON CREW TRAINING**  **COMPLANCE MONITORING MANAGER** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |