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| FS-OPS-FRM-037 | | FOIM (Flight Operations Inspector Manual) |  سازمان هواپیمایی کشوری دفتر عملیات پرواز - معاونت استاندارد پرواز |
| APV/baro-VNAV | | | |
| Revision 00 | July 2018 | | |

APPLICATION TO CONDUCT APV/baro-VNAV OPERATIONS

1. Purpose of the job aid

- a) To provide information on the relevant reference documents.
- b) To provide a record of the operator application, the inspector comments and the operator follow-up action for each relevant paragraph in the reference document(s).

2. Actions Recommended for the inspector and operator

- a) At the pre-application meeting, the operator and the inspector review the approval process events and establish the form and content of the approval application.
- b) The operator records references to material in company documents for each relevant paragraph in the job aid.
- c) The operator submits the completed job aid with the application to the inspector.
- d) The inspector records his findings for each relevant paragraph in the job aid indicating compliance or necessary corrective action.
- e) The inspector informs the operator as soon as possible when a corrective action is required.
- f) The operator provides the inspector with the revised material when so requested.
- g) The CAO.IRI provides the operator with the operational specifications (OpSpecs) when the tasks and documents have been completed.

| Part | Topic | Page |
|------|--------------------------------------|------|
| 1 | General information | |
| 2 | Aircraft and operator identification | |
| 3 | Operator application | |

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3. Reference documents

| Reference documents | Titles |
|----------------------------|---|
| Annex 6 | Operation of aircraft |
| ICAO Doc 9613 | Performance-based navigation (PBN) manual – Attachment A - Barometric |
| ICAO Doc 9905 | Required navigation performance authorization required (RNP AR) procedure design manual |
| ICAO Doc 8168 Volume I | Part II, Section 4, Chapter 1 – APV/baro-VNAV approach procedures |
| ICAO Doc 8168 Volume II | Part III, Section 3, Chapter 4 – APV/baro-VNAV |
| EASA AMC 20-27 | Airworthiness approval and operational criteria for RNP APPROACH (RNP APCH) operations including APV BARO-VNAV operations |

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Basic events in APV/baro-VNAV approval process

| | Action by Operator | Action by Inspector |
|---|--|---|
| 1 | Establish the need for the authorization | |
| 2 | Review AFM, AFM Supplement, TC Data Sheet, other appropriate documents to determine aircraft eligibility. | |
| 3 | Schedule pre-application meeting with inspector | |
| 4 | | During pre-application meeting establish: <ul style="list-style-type: none"> • Form and contents of application • Documents required to support application • Target date of application submission • Requirement for flight validation |
| 5 | | Review submission |
| 6 | Ensure amendments to manuals, programmes and other relevant documents are complete; provide training to flight crews, flight dispatchers and maintenance personnel; if required, conduct validation flight | If required, participate in validation flight |
| 7 | | Once requirements have been met, issue operational approval |

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PART 2: IDENTIFICATION OF AIRCRAFT AND OPERATORS

Name of Operator: _____

| Aircraft Manufacturer, Model and Series | Registration Number | Serial Number | Navigation Systems Manufacturer, Model and Number | RNP Specification |
|---|------------------------|---------------|---|----------------------|
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PART 3 – OPERATOR APPLICATION

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| Annex | Title of Annex/document | Indication of inclusion by the operator | Comments by the Airworthiness Inspector |
|-------|--|---|---|
| A | Request for authorization | | |
| B | Aircraft eligibility - Airworthiness AFM, AFM Revision, AFM supplement, TCDS showing aircraft RNAV systems are eligible | | |
| C | Aircraft eligibility- Modifications (if applicable) Maintenance records documenting installation or modification of aircraft systems to achieve eligibility | | |
| D | Minimum equipment list | | |
| E | Training GA* operators: Course completion records. CAT **operators : Training programmes for flight crew, flight dispatchers and maintenance personnel. | | |

*General Aviation

**Commercial Air Transport

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CONTENTS OF THE APPLICATION TO BE SUBMITTED BY THE OPERATOR

- Compliance documentation of the aircraft/navigation systems
- Operating procedures and policies
- Sections of the maintenance manual related to RNP system

Note.— Documents may be grouped in a single binder or may be submitted as individual document