

APPLICATION FOR RNP APPROACH OPERATIONAL APPROVAL OR RENEWAL

Applicants are strongly advised to read the 'RNP Approach Notes for Completion' before completing the form.

Please complete the form in BLOCK CAPITALS using black or dark blue ink.

This form is designed to elicit all the required information from those operators requiring Required Navigation Precision (RNP) approach operations approvals. The completed form and supporting documentation should be submitted to the Intelligence, Strategy and Policy department of the Safety and Airspace Regulation Group at the address listed in the 'Notes for Completion'.

Section I	Page 1	Operator/Airframe Details	Completion mandatory
Section II	Page 2	RNP Approach Notes For Completion	
Section III	Page 2	Signature Block	Completion mandatory
Section IV	Pages 3 to 10	Operator's RNP Approach Submissions Matrix	Completion mandatory

SECTION I OPERATOR/AIRFRAME DETAILS

1 Applicant Details - required for all Approval requests		
Please give the official name and business or trading name(s), address, mailing address, e-mail address and contact telephone/fax numbers of the applicant. Note: For AOC holders - company name, AOC number and e-mail address will suffice.		
2 Aircraft Details - required for all Approval requests		
Aeroplane type(s), series and registration mark(s).		
Aeroplane Type	Aeroplane Series	Registration

SECTION II RNP APPROACH NOTES FOR COMPLETION

1 Applicability

RNP Approach approval is the means by which operators can gain approval to carry out RNAV approaches based on GNSS without vertical guidance or with vertical guidance based on barometric VNAV (APV Baro-VNAV). The APV Baro-VNAV criteria are based upon a lateral navigation performance associated with RNAV (GNSS) of RNP 0.3 and a vertical navigation performance based upon the use of barometric inputs with a VNAV functionality in the airborne system.

The requirements for Operator Approval to carry out RNP Approach operations are laid out in EASA AMC 20-27.

Additional Guidance can be found in:

FODCOM 04/2008

ICAO Doc 9613 Manual of Performance-Based Navigation

ICAO Doc 8168 Procedures for Air Navigation Services - Aircraft Operations (PANS-OPS)

This application form does not cover operational approval for approaches flown using GNSS augmentation systems such as SBAS (e.g. WASS and EGNOS), i.e. LPV approaches or GBAS-based GLS approaches. It does not give approval to carry out approaches classified as RNP (AR), i.e. Authorisation Required.

2 Operator's RNP Approach Submissions Matrix

Section IV of this application form is the Operator's RNP Approach Submissions Matrix. All applicants should complete Column 4 of this matrix in full. If more than one type of aircraft/fleet is included in a single application a completed matrix should be included for each aircraft/fleet.

Failure to complete the RNP Approach Submissions Matrix may result in a delay in processing your application.

3 Documents to be included with the application

Copies of all documents referred to in Column 4 of the Operator's RNP Approach Submissions Matrix should be included when returning the completed application form to the Civil Aviation Authority. Original documents should not be sent, photocopies are sufficient. Do not send complete manuals, only the relevant sections/pages will be required.

Failure to include all relevant documentation may result in a delay in processing your application.

4 Submissions and Enquiries

Address for submissions:

Civil Aviation Authority

Intelligence, Strategy and Policy

Safety and Airspace Regulation Group

Aviation House

Gatwick Airport South

West Sussex

RH6 0YR

E-mail: FOP.Admin@caa.co.uk

Contact details for enquiries:

Tel: +44 (0) 1293 573909

Fax: +44 (0) 1293 573991

E: Jeremy.stubbs@caa.co.uk

SECTION III SIGNATURE BLOCK

Signature:.....

Name (BLOCK LETTERS):

Appointment:.....

Date:

Please note that a **minimum** of 60 working days will normally be required to check and confirm the information given above - if data is missing or omitted the process may take **considerably** longer.

SECTION IV APPLICANT'S RNP APPROACH SUBMISSIONS MATRIX

Main Heading	Expanded areas to be addressed by application	Sub-requirement	Operator's Operations Manual Reference or Document Reference
1.0 Reference Documents used in compiling submission	Your submission should be based on current up to date regulatory material.	EASA AMC 20-25 EASA AMC 20-27 ICAO Doc 8618 PANS-OPS ICAO Doc 9613 FODCOM 04/2008	
2.0 Airworthiness Navigation System Capability compliance statement	Give reference to Navigation System capability, e.g. GNSS stand-alone equipment should be approved in accordance with ETSO- C129a.	ETSO-C129a/ETSO-C145 ETSO C106 (In CS-ETSO on the EASA website http://www.easa.europa.eu .) ARINC 424, 706	
2.1 Aircraft Flight Manual (AFM)	A statement or copy of the AFM showing the aircraft certification standard for RNP Approach operations (including VNAV approach if Baro-VNAV required).		
2.2 Navigation System FMS/Autopilot interface capability	Full details of the Navigation System including type and number, e.g. specific capability. These details are given in AMC 20-27.	• Fly by waypoint (WP). • Fly over WP. • Direct to function. • Define vertical path (FPA to a WP). • At or above Altitude constraint. • At or below Altitude constraint. • At Altitude constraint. • Vertical Path control (provide guidance from WP to a vertically constrained WP). • Entire procedures loadable from aircraft database. • Database that can be updated in accordance with the AIRAC cycle. • Display active WP. • Display validity period of database. • Continuous display of computed RNAV (GNSS) desired path. • RNAV/GNSS system failure/integrity downgrade alerting capability. • Display of active sensors.	