



Form No. FOD.F.207a

Version No.: 4

Issue Date: 06/01/2016

**APPLICATION FOR ETOPS  
OPERATIONAL APPROVAL FORM**

**APPLICATION FOR EXTENDED OPERATIONS (ETOPS) OPERATIONAL APPROVAL FORM**

Please complete the form in BLOCK CAPITALS.

Please read the 'Notes for Completion' (page 2).

**SECTION ONE: OPERATOR/AIRFRAME DETAILS**

**1. Applicant Details - required for all Approval requests**

**Note:** For AOC holders - company name, AOC number and e-mail address will suffice.

1 (a) Name of Business or Trading Name(s): .....

1 (b) Name of Individual (if applicable):

Title: ..... Surname: ..... Forename: .....

1 (c) AOC Number (if applicable): .....

1 (d) Address:

.....  
.....

Postcode: ..... Country: .....

1 (e) Postal Address (if different from above):

.....  
.....

Postcode: ..... Country: .....

1 (f) Contact details

Phone No.: ..... Mobile No: .....

Fax No: ..... E-mail address: .....

**2. Aircraft Details - required for all Approval requests**

Aeroplane type(s), series and registration mark(s).

Aeroplane Type	Aeroplane Series	Registration



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**SECTION TWO: ETOPS NOTES FOR COMPLETION**

**1. Applicability**

Extended Operations (ETOPS) applies to operators wishing to use twin-engined aircraft more than 60 minutes' flying time from a suitable diversion aerodrome. Such routes could be long ocean crossings, polar routes or routes where there are limited diversions available, e.g. trans-Siberia.

**The requirements for Operator Approval** to carry out ETOPS are laid out in Commission Regulation (EU) 965/2012 (as amended) and EASA AMC 20-6 (as amended).

**ETOPS is a major process, which will involve all aspects of a company's operation. It is therefore strongly recommended that your Flight Operations Inspector be contacted before submitting an application. It is likely that PBN, MNPS and RVSM approvals will also be required.**

**2. Operator's ETOPS Operations Manual Matrix**

Section Four of this application form is the Operator's ETOPS Operations Manual Matrix. All applicants should complete Column 3 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 ETOPS Operations Manual 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 3 of the Operator's ETOPS Operations Manual Matrix should be included when returning the completed application form to the Irish 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:	Contact details for enquiries:
Irish Aviation Authority Flight Operations Department The Times Building 11 – 12 D'Olier Street Dublin 2	Ph: 00 353 1 6718655 Fax: 00 353 1 6774460 Email: <a href="mailto:fod@iaa.ie">fod@iaa.ie</a>

**Note:** Applications for non-AOC ETOPS Operations must be accompanied by the appropriate fee. See the current Irish Aviation Authority fees order on the [IAA Website](#).

**SECTION THREE: SIGNATURE BLOCK**

Signature: .....Name: .....

Date: .....Appointment: .....

Please note that a **minimum** of 30 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.



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**SECTION FOUR: APPLICANT'S ETOPS OPERATIONS MANUAL MATRIX**

Please complete your review of your Operations Manual. The ETOPS flight operations minimum requirements are given in the table below. Enter the Operations Manual references in the last column and return the matrix, together with photocopies of the relevant pages of the Operations Manual, to the address given in paragraph 4 of Section two.

Subjects	Requirements	Operator's Operations Manual Reference or Document Reference
<b>Operations Manual – Part A: General</b>		
Documents/regulations used in compiling ETOPS Manual/Procedures.	(EU) 965/2012 - Part SPA EASA AMC 20-6 FAA AC 120-42B	
Brief description of ETOPS		
Definitions	Extended Operations. Adequate aerodrome. Approved one-engine inoperative cruise speed. Threshold distance/time. Adequate ETOPS en-route alternate. Equal time points. Rule distance/time. ETOPS segment. ETOPS significant system. Maximum approved diversion time. Dispatch.	
Criteria	Company AOC defined operating area. List of certified aircraft types/engine combinations.	
Approval	Approved diversion time.	
Qualifications	Crew qualifications. ETOPS qualified dispatcher personnel. ETOPS qualified operations staff. ETOPS qualified maintenance personnel.	
Training (Initial and Recurrent) and Checking	Flight crew training and Operations Manuals. Flight crew currency requirements.	
ETOPS Authorisation	Commander's responsibilities. Statement to show when ETOPS are allowed.	



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Subjects	Requirements	Operator's Operations Manual Reference or Document Reference
ETOPS Flight Preparation and Planning	Aircraft serviceability and MEL. Communication and navigation facilities. Critical fuel scenario. Critical fuel reserve. ETOPS alternate aerodrome selection. ETOPS alternate planning minima. Pre-dispatch and post-dispatch weather minima. Computerised flight plan. Delayed dispatch. Maintenance check (pre-departure service check). Verification flights.	
Flight Crew Procedures	Crew responsibilities. Flight documentation/chart handling. Fuel management. Weather monitoring. Change of routing. Diversion decision-making. Icing. Crew workload management.	
<b>Operations Manual – Part B: Type Specific</b>		
Type-related ETOPS Operations	Identification of ETOPS aeroplanes. Types of ETOPS operations that are approved. Placards and limitations. One-engine inoperative speed.	
Type-specific Planning Requirements		
ETOPS Fuel Planning	Including critical fuel scenario.	
MEL/CDL	ETOPS-specific MEL/CDL items.	
Aeroplane Systems	Performance data. Aerodrome technical differences, navigation fit, communications fit.	
Non-normal Procedures	Navigation failures. Action to be taken on ETOPS-significant system failure. Low fuel scenario. Crew incapacitation.	



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Subjects	Requirements	Operator's Operations Manual Reference or Document Reference
<b>Operations Manual – Part C: Route and Aerodrome Instructions</b>		
ETOPS Areas and Routes.	Approved area of operation. ETOPS en-route alternates. Performance restrictions and weather minima for en-route alternates. Meteorological facilities/information. Low altitude cruise information. Route minimum diversion altitudes. MSA restrictions. Route-specific oxygen requirements.	
<b>Operations Manual – Part D: Training</b>		
Ground, Simulator and Line Training.	General: <ul style="list-style-type: none"> <li>• ETOPS overview.</li> <li>• ETOPS regulations.</li> <li>• ETOPS type design approval.</li> <li>• Definitions.</li> <li>• Approved one-engine inoperative speed.</li> <li>• Maximum approved diversion time.</li> <li>• Operator's approved diversion time.</li> <li>• ETOPS area of operation.</li> <li>• ETOPS routes.</li> <li>• ETOPS alternate aerodromes and weather minima.</li> <li>• Navigation systems accuracy, limitations and operating procedures.</li> <li>• Meteorological facilities and information.</li> <li>• In-flight monitoring and procedures.</li> <li>• Computerised flight plan.</li> <li>• Charts and position plotting.</li> <li>• Equal time point.</li> <li>• Critical fuel.</li> </ul>	



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Subjects	Requirements	Operator's Operations Manual Reference or Document Reference
<p><b>Part D - Ground, Simulator and Line Training cont.</b></p>	<p>Normal procedures:</p> <ul style="list-style-type: none"> <li>• Flight planning and dispatch.</li> <li>• ETOPS fuel requirements.</li> <li>• Route alternate selection - weather minima.</li> <li>• MEL - equipment-specific.</li> <li>• ETOPS service check and technical log.</li> <li>• Pre-flight FMS set-up.</li> <li>• Flight performance progress monitoring.</li> <li>• Flight management, navigation and communication systems.</li> <li>• Aeroplane system monitoring.</li> <li>• Weather monitoring.</li> <li>• In-flight fuel management (to include independent cross-checking of fuel quantity).</li> </ul> <p>Non-normal procedures:</p> <ul style="list-style-type: none"> <li>• Diversion procedures and diversion 'decision making'.</li> <li>• Navigation and communication systems, including appropriate flight management devices in degraded modes.</li> <li>• Fuel management with degraded systems.</li> <li>• Procedures for single and multiple failures in flight affecting ETOPS sector entry and diversion decisions.</li> <li>• Operating on standby power.</li> <li>• Operational restrictions associated with system failures including any applicable MEL considerations.</li> </ul>	
<p>ETOPS Simulator Training and Line Flying Under Supervision.</p>	<p>Pilot's conversion course. Annual refresher course.</p>	
<p>Flight Operations Staff and Dispatchers.</p>	<p>Outline of training syllabus to include:</p> <ul style="list-style-type: none"> <li>• ETOPS regulations.</li> <li>• Operational approval.</li> <li>• Aeroplane performance.</li> <li>• Diversion procedures.</li> <li>• Area of operation.</li> <li>• Fuel requirements.</li> <li>• Dispatch considerations: MEL, CDL, weather minima and alternate airports.</li> <li>• Delayed dispatch.</li> <li>• Documentation.</li> </ul>	



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**Any Further Comments to Support your Application:**