APPLICATION FOR ETOPS APPROVAL

STATE CIVIL AVIATION AGENCY

Ministry of Digital Development and Transport, State Civil Aviation Agency, Republic of Azerbaijan, Baku, 11 Azadlig avenue, AZ1095, Tel: +99412 598 3346; hq@caa.gov.az; www.caa.gov.az

This form is designed to elicit all the required information from those operators requiring ETOPS Approval. Please read the 'Notes for Completion' before completing the form electronically.	**For State Civil Aviation Agency use only**
	Operator:
	File Ref:
	Date:

Please note that a minimum of 30 working days will normally be required to check and confirm the information given. If data is missing or omitted the process may take considerably longer. The State Civil Aviation Agency may request the applicant for inspection flights / dispatch capabilities before finalising application.

SECTION I: OPERATOR DETAILS

Operator Name	
AOC Number	

SECTION II: AIRCRAFT DETAILS

Aircraft Type	
Registration Marks	
Serial Number	
Engine #1 Type / S/N	
Engine #2 Type / S/N	
APU Type / S/N	

SECTION III: ETOPS APPROVAL CATEGORIES (Tick as applicable)

120 minutes	☐
180 minutes	☐
Other (Please specify)	

SECTION IV: INTENDED AREAS OF OPERATION & PLANNED UTILISATION

AREAS	PLANNED UTILISATION (HRS)

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SECTION V: DOCUMENTATION

1	**Required Documentation**	
	To process this application copies of the following documents (where relevant) are required:	
	Original AOC Variation form.	☐
	Relevant extracts/references from AFM and STC.	☐
	Maintenance Programme, CMP.	☐
	Relevant extracts/references from Operations Manual Part A, B, C and D.	☐
	MEL	☐
	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.**	

SECTION VI: NOTES FOR COMPLETION

1	**Applicability**
	Extended Range Operations with Two-Engine Aeroplanes (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 Azerbaijan Aviation Rules-OPS-11 Part-SPA and EASA AMC 20-6. **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 an MNPS, RVSM and RNP-10 approval will also be required.**
2	**Operator's ETOPS Approval Submission Matrices**
	The completed Operator's ETOPS submission matrices must be submitted together with the Application for ETOPS Approval. All applicants should complete approval matrices in full. **Failure to complete the Submissions Matrices may result in a delay in processing your application.**
3	**Submissions and Enquiries**
	Address for submissions: State Civil Aviation Agency State Inspectorate on Civil Aviation Flight Safety 11 Azadlig avenue Baku Republic of Azerbaijan Contact details for enquiries: Tel: +994124972600 (Int. 6449)

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SECTION VII: ETOPS APPROVAL MATRIX – AIRWORTHINESS

ETOPS type design approval for the aircraft type

AFM Status:		AFM Supplement:	
STC (if applicable):			
CMP Revision:			
CMP Compliance:			
Aircraft modification status for ETOPS:			
ETOPS Manual Reference:		Revision:	Click or tap here to enter text.

Operator Experience and Reliability

Total Number of long/range and/or normal operations with airframe/engine combination:	
Total number of airframe/engine hours and cycles:	
Total Number of IFSD:	
Unscheduled engine removal rate /1000FH:	
Diversions or Turnback:	
Uncommanded power changes or surges:	
Inability to control the engine or obtain desired power:	
Problems with ETOPS critical systems:	
APU Reliability records:	
A/C Systems components Reliability Records:	
Records of Major Events:	

Maintenance Programme (make reference to the applicable heading in the referred documents)

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MP Ref:	Amendment Status:	Date:	
Identification of ETOPS Tasks:		ETOPS Related Procedures:	
ETOPS Service Checks:		Non Duplication of Tasks:	

Engine Trend Monitoring (make reference to the applicable heading in the applicable documents)

Contracted Organisation:			
Contract Ref:			
Trend Monitoring:		Magnetic Chip Detector Monitoring:	
Margin Control:		Engine Adjustment Procedure:	
Spectrographic Oil Analysis:		Responsibilities:	
Oil Consumption Record:			

Maintenance

Contracted Maintenance Organisation ☐	Part-145 AMO (Name and Approval Ref)
Inhouse ☐	MOE (Scope and Procedure Reference)
Certifying Staff Training (Initial/Current):	
Certifying Authorisations (Scope and Currency):	

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SECTION VIII – FLIGHT OPERATIONS

Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
Operations Manual – Part A: General			
Documents/regulations used in compiling ETOPS Manual/Procedures			
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 Manual. Flight crew currency requirements.		☐

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Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
ETOPS Authorisation	Commander's responsibilities. Statement to show when ETOPS are allowed.		☐
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.		☐
Type-related ETOPS Operations	Identification of ETOPS aeroplanes. Types of ETOPS operations that are approved. Placards and limitations. One-engine inoperative speed.		☐

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Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
Operations Manual – Part B: Type Specific			
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.		☐
Operations Manual – Part C: Route and Aerodrome Instructions			
ETOPS Areas and Routes.			☐

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Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
Operations Manual – Part D: Training			
Ground, Simulator and Line Training	General: • ETOPS overview. • ETOPS regulations. • ETOPS type design approval. • Definitions • Approved one-engine inoperative speed. • Maximum approved diversion time. • Operator's approved diversion time. • ETOPS area of operation. • ETOPS routes. • ETOPS alternate aerodromes and weather minima. • Navigation system accuracy, limitations and operating procedures. • Meteorological facilities and information. • In-flight monitoring and procedures. • Computerised flight plan. • Charts and position plotting. • Equal time point. • Critical fuel.		☐

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Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
Operations Manual – Part D: Training (Cont'd)			
Ground, Simulator and Line Training cont.	Normal procedures: • Flight planning and dispatch. • ETOPS fuel requirements. • Route alternate selection – weather minima. • MEL – equipment-specific. • ETOPS service check and technical log. • Pre-flight FMS set-up. • Flight performance progress monitoring. • Flight management, navigation and communication systems. • Aeroplane system monitoring. • Weather monitoring. • In-flight fuel management (to include independent cross-checking of fuel quantity). Non-normal procedures: • Diversion procedures and diversion 'decision making'. • Navigation and communication systems, including appropriate flight management devices in degraded modes. • Fuel management with degraded systems. • Procedures for single and multiple failures in flight affecting ETOPS sector entry and diversion decisions. • Operating on standby power. • Operating restrictions associated with system failures including any applicable MEL considerations.		☐
ETOPS Simulator Training and Line Flying Under Supervision.	Pilot's conversion course. Annual refresher course.		☐

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Subjects	Requirements	Operator's Operations Manual or Document Reference	SCAA Use Only
Operations Manual – Part D: Training (Cont'd)			
Flight Operations Staff and Dispatchers.	Outline of training syllabus to include: • ETOPS regulations. • Operational approval. • Aeroplane performance. • Diversion procedures. • Area of operation. • Fuel requirements. • Dispatch consideration: MEL, CDL, weather minima and alternate airports. • Delayed dispatch. • Documentation		☐
Operational Risk Assessment	Attach an Operational Risk Assessment highlighted associated risks and mitigating actions.		☐

Further Comments to support your application:

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Continuing Airworthiness Manager Name: Signature:

Nominated Person Flight Operations Name: Signature:

Compliance Monitoring Manager Name: Signature:

Date:

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Airworthiness Inspectorate	**Flight Operations Inspectorate**
Conformity with Initial and Continuing Airworthiness Requirements: Satisfactory Yes ☐ No ☐ Name: Signature: Date:	Conformity with operational criteria as contained in AMC 20-6, and all relevant provisions have been covered by operator's application and AOC variation form. Satisfactory Yes ☐ No ☐ Name: Signature: Date: