

 CAA هيئة الطيران المدني	Application for EDTO Approval (Airworthiness & Operational)	Form	AWR /OPS 27
		Edition	Original
	Civil Authority Aviation- DGCAR	Revision	2
		Date	1/9/2020

General:

(1) In-Service EDTO approval application, with the required supporting data, is submitted at least **three (3) months** prior to the proposed start of EDTO with the specific airframe/engine combination,

(2) Accelerated EDTO Operations Approval application, with the required supporting data, is submitted **six (6) months** before the proposed start of EDTO.

(3) Authorized maximum diversion time may be progressively increased as the operator gains experience on the particular airframe/engine combination. Not less than 12 consecutive months experience will normally be required before authorization of EDTO up to 180 minutes maximum diversion time, unless the operator can demonstrate compensating factors,

(4) Each operator requesting Approval to conduct EDTO beyond 180 minutes should already have EDTO experience and hold a 180 minutes EDTO approval.

(5) ETOPS may still be used in lieu of “EDTO”, as long as the concepts are correctly embodied in the concerned regulation or documentation.

(6) For reference and guidance Refer to CAR-OPS 1 Commercial Air Transportation (Aeroplanes) , CAN 3-37 and EASA AMC20-6

1. Applicant / Operator

Name	AOC Number
Address	
Tel	
Contact person	
Email:	

2. EDTO required:

75 minutes
 90 minutes
 120 minutes
 180 minutes
 Accelerated EDTO

3. EDTO Type Design Approval for the Aircraft Type

TC
 STC
 AFM
 AFM Supplement

4. Communication and/or DATA link system installed and operational

HF
 VHF
 SATCOM
 ADS-B
 CPDLC
 OTHER:

5. Aircraft fleet (Use continuation sheet if required)

Aircraft Type/MSN	Registration	Engine Model/SN	APU Type/PN
		No1.	
		No2.	
		No1.	
		No2.	
		No1.	
		No2.	
		No1.	
		No2.	
		No1.	
		No2.	
		No1.	
		No2.	

6. Number of months/years of operational experience with specific engine/airframe combination:
7. Application is based on CMP Document Nr.:
Revision number: Revision dates:
8. Total number of long range and/or domestic operations conducted with specific engine/airframe combination:
number of domestic sectors: number of long range sectors
9. Total number of engine/airframe hours and cycles with specific engine/airframe combination:
Total operator's airframe fleet hours: Total operator's airframe fleet cycles:.....
Total operator' engine hours:..... Hours of operator's high time engine:
10. In-flight shutdown (IFSD) rate (all causes), including the 12-month rolling average for both operator and the world
fleet (IFSD per 1'000 engine flight hours): IFSD rate of operator's fleet:
IFSD rate of world fleet:
11. Unscheduled engine removal rate (URR) for both operator and the world fleet (URR rate per 1'000 engine flight hours):
URR of operator's fleet: URR of world fleet:

6. Airworthiness Requirements		Operator Compliance/Reference	CAA Inspector comments
a	EDTO Modification If Aircraft/Engine are modified/or in process to be modified to meet EDTO standards.		
b	EDTO significant system Identification and listing of aeroplane propulsion system and any other aeroplane systems whose failure could adversely affect the safety of an EDTO flight, or whose functioning is important to continued safe flight and landing during an aeroplane diversion		
c	Maintenance and reliability programs EDTO maintenance and reliability programs developed to maintain an acceptable level of safety for the propulsion system and the EDTO Significant Systems of the particular airframe/engine combination.		
d	Minimum equipment list (MEL) showing the system redundancy levels appropriate to EDTO Operations.		

e	Tech Log book To encompass EDTO column, define the procedure to fill it including EDTO downgrading, Limitation, technical concession required to maintain A/C on EDTO and MMC notifying		
f	EDTO Verification Program The program that ensures prompt corrective action and verify that the corrective action has effectively resolved the problem.		
g	Training EDTO initial and recurrent training program in place for CAMO and AMO personnel.		
h	Policies and procedures (P&P) Appropriate CAME procedures to be used by all personnel involved in the continuing airworthiness and maintenance of the aircraft, including supportive training program, duties, and responsibilities are developed by the CAMO.		
i	Parts Control Program Procedures that ensure that proper EDTO parts are used and EDTO configuration is maintained. Control procedures for parts pooling and borrowing.		
j	Review Gates tracking plan (for accelerated EDTO approval)		

7. Flight Operations Applications attachment		Operator Compliance/Reference	CAA Inspector comments
a	Flight planning procedures (EDTO status of aeroplane, review of technical log, use of minimum equipment list (MEL), external inspection, etc.).		
b	En-route procedures (cross checking procedures to identify navigation errors, selection of other navigation aids in case of loss of RNAV capability, use of INS/IRS navigation systems without automatic radio navigation updating, use of GPS, notification of ATC of navigation equipment problems, contingency procedures, etc.), minimum equipment at the EDTO entry point, alternate routings, position check before entering EDTO airspace, alternate airports, performance data, fuel and oil supply etc.		
c	Fuel and oil supply for EDTO operations		
d	Procedures with respect to flight crew response to abnormal situations (response to non-normal events, etc.).		
e	Post-flight procedures (technical log entries, defects description, etc.).		
f	Flight Crew Training and Qualification		
g	Flight crew qualification requirements.		

h	Passenger recovery plan				
i	Description of initial and recurrent training, checking-and training-syllabi				
j	Applying to amend Ops Specs				

8. Documents to be submitted to CAA for compliance review or approval				
	Document	Submission method		
		Hard	Soft	Link/web
1	CMP			
2	EDTO modification package (for configuration modification)			
3	Proposed EDTO Manual			
4	Supplements and revisions to the existing Maintenance Program and Maintenance Procedures			
5	Flight crew EDTO training programmes and syllabi for initial and recurrent training			
6	Operation manuals and checklists that include EDTO operating practices and procedures (OM-A, OM-B, OM-D, AOM, FCOM, Route Manuals)			
7	Sections of the AFM or AFM Supplements that document EDTO airworthiness approval.			
8	Minimum Equipment List (MEL) that include items pertinent to EDTO operations			
9	Proposed Tech log book			

9. Applicant Compliance statement

I hereby declare that all documentation and information submitted have been verified and found in compliance with the relevant Regulations and applicable requirements/procedures.

Maintenance Manager : Signature:

Flight Operation Manager: Signature:

Quality Manager: Signature:

Date:

10. FOR CAA USE ONLY

1. Airworthiness Inspector Name:
Date :

Signature : Airworthiness Recommendation:.....

2. Final Approval from Flight Operations which includes Adding aircraft to AOC Ops spec for EDTO Approval:

Flight Operation Inspector Name:

Date :

Signature : Operational Recommendation:

Note :

3. Flight Safety Director APPROVED NOT APPROVED

Flight Safety Director Name:

Date:

Signature and Stamp: