



APPLICATION CUM EDTO COMPLIANCE CHECKLIST

APPLICANT DETAILS			
Company Name			AOC No.
E-mail Address			
Contact Tel. No.	1		2
Mailing Address			
EDTO Category Applied For (<i>Tick where applicable</i>)		Authorized Area of Operation (Specify)	
<input type="checkbox"/> 75 minutes <input type="checkbox"/> 90 minutes <input type="checkbox"/> 120 minutes <input type="checkbox"/> 180 minutes <input type="checkbox"/> Application for Accelerated EDTO			
AIRCRAFT DETAILS			
<i>(Attach extra papers if more aircrafts)</i>		Registration Mark	Engines
Aircraft Type	Manufacture Serial Number		Model:
			Serial No1.
			Serial No2.
			(reserved)
			(reserved)
EDTO Type Design Approval for the Aircraft Type			
TC	STC	AFM	(AFM Supplement)
Compliance		EDTO Manual	
No.		Reference	
Revision		Revision	
Eligibility for the referred Aeroplane Serial Number			
Does the Aeroplane comply with the titles and numbers of all modifications, additions and changes which were made in order to substantiate the incorporation of the CMP standard in the aeroplane?			CMP compliance list established?
<i>(Aircraft Modification Status (Attach list of Modification if applicable)</i>			
Operator Experience and Reliability			
Number of months/years of operational experience with specific airframe/engine combination	Total number of long range and/or normal / domestic operation with airframe/engine combination	Total number of airframe/engine hours and cycle	
	Unscheduled engine removal rate/1000 FH of Operator's Fleet	Unscheduled engine removal rate/1000 FH of World Fleet	
No. of Diversion or turn backs	Inability to control the	Problem with EDTO critical system.	



EDTO up to 90 Minutes Approval			
Airworthiness Compliance		Experience requirement satisfactory /Not Satisfactory	
EDTO More than 90 Minutes – up to 120 Minutes Approval			
12 month experience in operating specified engine/airframe combination	Proving flight	Airworthiness Compliance	
EDTO More than 120 Minutes – up to 180 Minutes Approval			
12 month experience in operating specified engine/airframe combination	Proving flight		Weather forecast reliability
“Flight Following” cell established to monitor weather forecasts and NOTAM for nominated alternate aerodromes	Additional crew training covering operation under system failure conditions, contingency procedures and diversion decision making		Airworthiness Compliance
APU Reliability records	Record of major	A/C System components reliability records	
Records of delays and cancellations due to technical issues relevant to EDTO, with the causes, by specific aeroplane systems (if available)		Records of In-flight shutdown events.	
Records of Un-commanded power changes (surge or rollback)	Records of Inability to control engine or obtain desired power	Procedures for downgrade/upgrade criteria (diversion time).	Procedures for monitoring of APU high altitude in-flight start and run capability.
Procedures for the monitoring of propulsion system in-flight shutdown (IFSD) rate, evaluation of sustained trends and corrective actions.		Procedures for the monitoring of long term IFSD trends (12 month moving average).	



Maintenance Program			
Reference number	Amendment Status	Date amended	
Identification of EDTO task cards	EDTO service checks	EDTO related procedure	Non publication of tasks
Engine Trend Monitoring			
Contracted Organization			
Contact Reference			
Trend monitoring		Magnetic Chip Detector	
Margin control		Engine Adjustment	
Spectrographic Oil Analysis		Responsibility	
Oil Consumption Record			
Procedures for detecting deterioration of engine at an early stage to allow for corrective action before safe operation are affected.	Procedure for to be monitoring the Parameters (essential), method of data collection and corrective action process.	Procedures for engine limit margin monitoring to ensure that a prolonged single-engine diversion may be conducted without exceeding approved engine limits.	
Maintenance			
Contacted Maintenance	AMO Name and Approval Reference		
In-house Maintenance	MOE/MPM (Scope & Procedure Reference)		
Certifying Staff Training	Initial	Recurrent	
Certifying Staff Authorization	Scope	Currency	
Verification Program after Maintenance			
List of primary systems critical to EDTO.	Conditions that require verification flights.	Procedures for initiating verification actions.	
Procedures that ensure corrective action are taken after engine shut down and any other significant failure.	Procedures that identify and reverse adverse trends.	Procedures that preclude repeat defects from occurring.	
Procedures that monitor and evaluate corrective actions	Procedures that preclude simultaneous actions from being applied to multiple similar elements in any EDTO significant system.		



Maintenance Documentation			
Documents to be reviewed & submitted to BCAA		<input type="checkbox"/> Revised Maint. Magt. Manual <input type="checkbox"/> Certifying Staff Training Program <input type="checkbox"/> OMP & Reliability Program <input type="checkbox"/> Certifying staff records <input type="checkbox"/> EDTO manual/OM <input type="checkbox"/> Maintenance Program <input type="checkbox"/> Risk assessment under SMS <input type="checkbox"/> Crew training (OMD) <input type="checkbox"/> FSTD to be used <input type="checkbox"/> OMA <input type="checkbox"/> Procedure for EDTO pre-departure service check for verifying the status of the aeroplane and ensuring that certain critical items are acceptable. <input type="checkbox"/> Procedure for reviewing and	<input type="checkbox"/> AFM , TC, STC AFM supplements <input type="checkbox"/> CMP; Doc #:; Rev. # & Dt. <input type="checkbox"/> Oil consumption program <input type="checkbox"/> ECM Program <input type="checkbox"/> Parts control program <input type="checkbox"/> Any other documents required by BCAA <input type="checkbox"/> MEL (EDTO specific) <input type="checkbox"/> OM submissions matrix <input type="checkbox"/> Dispatch Flight Watch System and training
Communication and/or DATA link system installed and operational (reference to appropriate documents AFM,TC or STC)			
Tick	Add Reference	Tick	Add Reference
<input type="checkbox"/> SATCOM		<input type="checkbox"/> CPDLC	
<input type="checkbox"/> VHF DL		<input type="checkbox"/> HF	
<input type="checkbox"/> ADS-B		<input type="checkbox"/> ADS- C	
Declaration by Quality Assurance Manager			
<i>By signing in the space provided below, the applicant declares that information provided in this application is true and correct.</i>			
Quality Assurance Manager Name			
Signature		Date	



BCAA USE

AIRWORTHINESS COMMENTS:		
<input type="checkbox"/> Accepted	<input type="checkbox"/> Not accepted	
AWI Name:	Signature :	Date :
OPERATION COMMENTS		
<input type="checkbox"/> Accepted	<input type="checkbox"/> Not accepted	
FOI Name:	Signature:	Date:
DAL COMMENTS		
DAL:	Signature:	Date:

*** NOTE – See attachment (Operations Manual Matrix)**



Attachment of Operations Manual Matrix for EDTO

Operation Manual Part A		
Subjects	Requirements	Manual or document references.
Brief description of EDTOS	ANTR OPS	
Definitions of:	Extended Operations	
	Adequate aerodrome	
	Approved one engine inoperative cruise speed	
	Approved one-engine inoperative max planed distance	
	Adequate EDTO en-route alternate	
	Equal time points	
	EDTO segments	
	EDTO significant systems	
	Maximum approved diversion time	
	Dispatch	
	Drift down speed	
	Procedure for drift down and establishment of single engine cruise.	
Criteria	Company AOC defined operating area	
	List of certified aircraft type/engine combinations	
Approval	Approved diversion time	
Qualifications	EDTO qualified dispatcher personnel	
	EDTO qualification operations staff	
	EDTO qualified maintenance personnel	
	Crew qualifications	
Training (initial, recurrent and checks)	Flight crew training and operation manual	
	Flight crew currency requirements	



EDTOS Authorization	Commander responsibility	
	Statement to show when EDTO is allowed	
EDTO flight personnel and planning	-Aircraft serviceability and MEL	
Operation Manual Part A (Continued)		
Subjects	Requirements	Manual or document references.
EDTOS flight personnel and planning Flight crew procedure	Communication and navigation facilities.	
	Critical fuel scenario	
	Minimum altitude applicable to the route	
	Passenger and crew recovery plans for diversion to enroute alternates if applicable	
	Critical fuel reserve EDTO alternate aerodrome	
	selection	
	EDTO alternate planning minima	
	Pre-dispatch and post-dispatch weather minima	
	Computerized flight plan	
	Delayed dispatch	
	Maintenance check (pre-departure service checks)	
	Verification flights	
	Fire protection/medical facilities	
	Fuel and Oil servicing (if applicable)	
	Aerodrome lighting	
	Approach facilities	
	Aerodrome facilities	
Ground communication (if applicable)		



	System in place for surveillance of alternate aerodromes	
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	System to ensure BCAA approval of alternate aerodromes for EDTO	
Flight crew procedure	Crew responsibility	
	Flight documentation/chart handling	
	-Fuel management	
	- Weather monitoring	
	-Change of routing	
	-Diversion decision- making	
	-Icing	
	-Crew workload management	

Part B Type Specific

Subjects	Requirements	Manual or document references.
Type-related EDTOS Operations	-Identification of EDTO aero plane	
	-Type of EDTO operations that are approved	
	-Placards and Limitations	
	-One engine inoperative speed	
Type-specific planning requirements		
EDTOS fuel planning	Including critical fuel scenario	
MEL/CDL	-EDTO –specific MEL/CDL	
Aero plan system	-Performance data	
	-Aero-plan technical differences -	
	Navigation fit	
	-Communication fit	
Non-normal procedure	-Navigation failure	
	-Action to be taken on EDTO – significant system failure	
	- Low fuel scenario	
	-Crew incapacitation	

Part C - Route and Aerodrome instructions

Subjects	Requirements	Manual or document references.
EDTOS areas and Routes Ground, Simulator and Line Training	Approval area of operations	
	EDTO en-route alternates	
	Performance restrictions and weather minima for en-route alternates	



	Metrological facility/information	
	Low altitude cruise information	
	Route minimum diversion altitude	
	MSA restrictions	
	Route specific oxygen requirements	
Part D - Training		
Subjects	Requirements	Manual or document references.
Ground , Simulator and Line Training	General	
	EDTO overview	
	EDTO regulations	
	EDTO type design approval	
	Definitions	
	Approved one engine inoperative speed	
	Maximum approved diversion time	
	Operator approved diversion time	
	EDTO area of operation	
	EDTO routes	
	EDTO alternate aerodromes and weather minima	
	Navigation systems accuracy ,limitations and operating procedure	
	Meter logical facilities and information	
	Inflight monitoring and procedure	
	Computerized flight plan	
Charts and position plotting		
Equal time point		
Critical fuel		

Part D – Training - Normal procedure		
Subjects	Requirements	Manual or document references.
	Flight planning and dispatch	
	EDTO fuel requirements	
	Route alternate selection-	
	Alternate aerodrome standards	
	weather minima MEL –equipment’s specific	
	EDTO service check and technical log	
	Pre-flight FMS set-up	
	Flight performance progress monitoring Flight management , navigation and communication system	
	Aeroplane system monitoring	
	Weather monitoring In-flight fuel management (to include independent cross-checking of fuel quantity	



Part D - Training - Non-normal procedure		
Subjects	Requirements	Manual or document references.
	Diversion procedure and diversion decision making	
	Navigation communication systems, including appropriate flight management devises in –degraded modes	
	Fuel management with degraded systems.	
	Procedure for single and multiple failures inflight affecting EDTOS sector and diversion decision.	
	Operating on-standby power.	
	Operational restrictions associated with system failure including any applicable MEL considerations.	
EDTO Simulator Training and Line Training	Pilot conversion course	
	Annual refresher course.	
Flight Operations Staff	Out- line of training syllabus to include :-	
	EDTO regulations	
	Operational approval	
	Aero plane performance	
	Diversion procedure	
	Area of operation	
	Fuel requirements	
	Dispatch considerations : -	
	Delayed dispatch	
	Documentation	

Any further comments or documents to support your application.
(e.g. risk assessment documentation under the operators SMS)