**J.SPA.EDTO EDTO compliance and approval job aid**

| **ARN** |  |
| --- | --- |
| **Operator** |  |
| **Aircraft type** |  |
| **Intended EDTO areas of operation** |  |
| **Contemplated max. diversion time authority** |  |
| **Date** |  |

| **To be completed by the operator** | **To be completed by the authority****S = Satisfactory; U = Unsatisfactory; NA = Not applicable** |
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| **GAR**121.275121.280Appendix 1 to 121.1250 for all | **Item** | **Operator means of compliance (document reference or method)** | **✓** | **S/U/NA** | **Remarks** |
|  | **OPERATIONS MANUAL** |  |  |  |  |
|  | **PART A** |  |  |  |  |
|  | Brief description of EDTO  |  |[ ]   |  |
|  | Definitions and acronyms |  |[ ]   |  |
|  | Criteria: i)AOC operating areaii) certified aircraft type/engine combination |  |[ ]   |  |
|  | Approved maximum diversion time |  |[ ]   |  |
|  | Qualifications: i) Flight crewii) EDTO dispatchersiii) EDTO flight operations staffiv) EDTO maintenance personnel |  |[ ]   |  |
|  | Flight crew: Training and checking (Introduction and Recurrent) |  |[ ]   |  |
|  | Flight crew: Currency requirements |  |[ ]   |  |
|  | EDTO authorisation:i) PIC responsibilitiesii) statement to show when EDTO permitted |  |[ ]   |  |
|  | EDTO flight preparation and planning:i) aircraft serviceability and MELii) communication and navigation facilitiesiii) critical fuel scenarioiv) critical fuel reservev) computerised operational flight planvi) delayed dispatchvii) pre/post-dispatch weather minimaviii) EDTO enroute alternate selectionix) EDTO enroute alternate planning minimax) pre-departure maintenance checkxi) verification flightsxii) two-way communications between Ops Control and the aircraft |  |[ ]   |  |
|  | Flight crew procedures: i) crew responsibilitiesii) fuel managementiii) weather monitoringiv) OFP/charts/plotting chart handlingv) re-routesvi) diversion decision-makingvii) icingviii) workload management  |  |[ ]   |  |
|  | **PART B** |  |  |  |  |
|  | Selected engine inoperative speed |  |[ ]   |  |
|  | Calculation method |  |[ ]   |  |
|  | Data source |  |[ ]   |  |
|  | Identification of EDTO aeroplanes |  |[ ]   |  |
|  | Types of approved EDTO operations; placards and limitations |  |[ ]   |  |
|  | Operator’s EDTO procedures for flight planning and in-flight operations |  |[ ]   |  |
|  | Flight planning: |  |  |  |  |
|  | i) Weather minima |  |[ ]   |  |
|  | II) Critical fuel scenarios and calculation |  |[ ]   |  |
|  | III) Aerodrome limitations, including RFFS categories |  |[ ]   |  |
|  | iv) Time limited system considerations |  |[ ]   |  |
|  | v) Diversion strategies |  |[ ]   |  |
|  | vi) Detailed aircraft performance data |  |[ ]   |  |
|  | In-flight operations: |  |  |  |  |
|  | i) Monitoring of weather |  |[ ]   |  |
|  | ii) Fuel monitoring and low fuel scenarios |  |[ ]   |  |
|  | iii) Monitoring of en-route alternate aerodromes |  |[ ]   |  |
|  | iv) Monitoring of time limited systems |  |[ ]   |  |
|  | v) Diversion strategies |  |[ ]   |  |
|  | vi) Navigation failures |  |[ ]   |  |
|  | vii) Crew incapacitation procedures |  |[ ]   |  |
|  | viii) EDTO significant system failures |  |[ ]   |  |
|  | ix) APU in-flight start monitoring |  |[ ]   |  |
|  | x) Operational control |  |[ ]   |  |
|  | Reporting of EDTO relevant events |  |[ ]   |  |
|  | Sample flight plan package |  |[ ]   |  |
|  | **PART C** |  |  |  |  |
|  | EDTO areas and routes:i) Approved area of operation |  | [ ]  |  |  |
|  | ii) EDTO enroute alternates |  |[ ]   |  |
|  | iii) Route-specific oxygen requirements |  |[ ]   |  |
|  | iv) MSA restrictions |  |[ ]   |  |
|  | v) Met facilities/information |  |[ ]   |  |
|  | vi) Minimum diversion altitudes |  |[ ]   |  |
|  | vii) Performance restrictions/weather minima for enroute alternates |  |[ ]   |  |
|  | viii) Low altitude cruise data |  |[ ]   |  |
|  | **PART D** |  |  |  |  |
|  | Academic trainingFlight crew: General training i)EDTO overviewii)EDTO regulations.iii)EDTO type design approval.iv)Definitions v)Approved one-engine inoperative speed.vi)Maximum approved diversion time.vii)Operator's approved diversion time.viii)EDTO area of operation.ix)EDTO routes.x)EDTO alternate aerodromes and weather minima.xi)Navigation systems accuracy, limitations and operating proceduresxii) Meteorological facilities and information.xiii)In-flight monitoring and procedures.xiv)Computerised flight plan.xv)Charts and position plottingxvi)Equal time pointxvii)Critical fuel. |  | [ ]  |  |  |
|  | Normal procedures:i)Flight planning and dispatch.ii)EDTO fuel requirements.iii)Route alternate selection – weather minima.iv) MEL - equipment-specific.v)EDTO service check and technical log.vi)Pre-flight FMS set-up.vii)Flight performance progress monitoring.viii)Flight management, navigation and communication systems.ix)Aeroplane system monitoring.x)Weather monitoring.xi)In-flight fuel management (to include independent cross-checking of fuel quantity).  |  |[ ]   |  |
|  | Non-normal proceduresi)Diversion procedures and diversion 'decision- making'.ii)Navigation and communication systems, including appropriate flight management devices in degraded modes.iii)Fuel management with degraded systemsiv)Procedures for single and multiple failures in flight affecting EDTO sector entry and diversion decisions.v)Operating on standby power.vi)Operational restrictions associated with system failures including any applicable MEL considerations.  |  |[ ]   |  |
|  | Flight crew: EDTO practical trainingSimulator training and LIFUSi) Pilot introduction trainingii) Recurrent training (annual) |  |[ ]   |  |
|  | Academic and OJT training of Flight Operations Officers/Dispatchers:i)EDTO regulationsii) EDTO operational approvaliii) Aeroplane performanceiv) Routes and areas of operationv)Fuel requirementsvi) Diversion planningvii)Dispatch considerationsviii) Delayed dispatchix) Documentation |  |[ ]   |  |

**Airworthiness items:**

| **To be completed by the operator** | **To be completed by the authority****S = Satisfactory; U = Unsatisfactory; NA = Not applicable** |
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| **GAR** | **Item** | **Operator means of compliance (document reference or method)** | **✓** | **S/U/NA** | **Remarks** |
|  | Proof of aeroplane/engine combination |  |[ ]   |  |
|  | Relevant CMP document |  |[ ]   |  |
|  | Statement of conformity of candidate aircraft to applicable EDTO configuration as listed in CMP document |  |[ ]   |  |
|  | Identification of significant systems* Data source
 |  |[ ]   |  |
|  | EDTO training requirements* Maintenance personnel
 |  |[ ]   |  |
|  | Maintenance programme adjustments for EDTO elements (incl. oil consumption programme and engine condition monitoring) |  |[ ]   |  |
|  | Rectification of aircraft defects |  |  |  |  |
|  | Propulsion system monitoring |  |  |  |  |
|  | Operator’s reliability programme |  |[ ]   |  |
|  | Operator’s MCM (incl. document control) |  |[ ]   |  |
|  | Maintenance parts control |  |  |  |  |
|  | Sample maintenance release document |  |[ ]   |  |
|  | Reporting of EDTO relevant events |  |[ ]   |  |
|  | EDTO specific elements of MEL |  |[ ]   |  |

**To be completed by the authority:**

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| **Remarks** |
| [Remark(s) here] |
| **Overall assessment** | [ ]  Satisfactory[ ]  Unsatisfactory |
| **Airworthiness Inspector** |  |
| **Airworthiness signature** |  |
| **FOI name** |  |
| **FOI signature** |  |