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

| **ARN** |  |
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| **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**  121.275  121.280  Appendix 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 area  ii) certified aircraft type/engine combination |  |  |  |  |
|  | Approved maximum diversion time |  |  |  |  |
|  | Qualifications:  i) Flight crew  ii) EDTO dispatchers  iii) EDTO flight operations staff  iv) EDTO maintenance personnel |  |  |  |  |
|  | Flight crew: Training and checking (Introduction and Recurrent) |  |  |  |  |
|  | Flight crew: Currency requirements |  |  |  |  |
|  | EDTO authorisation:  i) PIC responsibilities  ii) statement to show when EDTO permitted |  |  |  |  |
|  | EDTO flight preparation and planning:  i) aircraft serviceability and MEL  ii) communication and navigation facilities  iii) critical fuel scenario  iv) critical fuel reserve  v) computerised operational flight plan  vi) delayed dispatch  vii) pre/post-dispatch weather minima  viii) EDTO enroute alternate selection  ix) EDTO enroute alternate planning minima  x) pre-departure maintenance check  xi) verification flights  xii) two-way communications between Ops Control and the aircraft |  |  |  |  |
|  | Flight crew procedures:  i) crew responsibilities  ii) fuel management  iii) weather monitoring  iv) OFP/charts/plotting chart handling  v) re-routes  vi) diversion decision-making  vii) icing  viii) 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 training  Flight crew: General training  i)EDTO overview ii)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 procedures  xii) Meteorological facilities and information.  xiii)In-flight monitoring and procedures.  xiv)Computerised flight plan.  xv)Charts and position plotting  xvi)Equal time point  xvii)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 procedures  i)Diversion procedures and diversion 'decision- making'.  ii)Navigation and communication systems, including appropriate flight management devices in degraded modes.  iii)Fuel management with degraded systems  iv)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 training  Simulator training and LIFUS  i) Pilot introduction training  ii) Recurrent training (annual) |  |  |  |  |
|  | Academic and OJT training of Flight Operations Officers/Dispatchers:  i)EDTO regulations  ii) EDTO operational approval  iii) Aeroplane performance  iv) Routes and areas of operation  v)Fuel requirements  vi) Diversion planning  vii)Dispatch considerations  viii) Delayed dispatch  ix) 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** |  |