|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **APPLICATION FOR EXTENDED DIVERSION TIME OPERATIONS (EDTO)** | | | | | | |  | |
| **INSTRUCTIONS**  1 The applicant will tick (√) the appropriate Yes/No boxes and insert applicable references from the AFM or Ops Manual with sample page attached as appendix.  2 Applicant must obtain and submit manufacturer’s written confirmation with regard to continuing maintenance.  3 Operating policy and procedures, training syllabus and lesson plan must be submitted for approval before commencement of flight crew / dispatcher training. | | | | | | | | |
| **PARTICULARS** | | | | | | | | |
| **Applicant:** | Click or tap here to enter text. | **AOC No:** | Click or tap here to enter text. | **Rep’s Name:** | Click or tap here to enter text. | **Position:** | | Click or tap here to enter text. |

|  |  |
| --- | --- |
| **EDTO APPLICATION DETAILS** | |
| **GENERAL INFORMATION** | **DATA BY APPLICANT** |
| 1 Applicant | Click or tap here to enter text. |
| 2 Aeroplane Registration | Click or tap here to enter text. |
| 3 Aeroplane Serial Number | Click or tap here to enter text. |
| 4 Aeroplane Type / Model | Click or tap here to enter text. |
| 5 Aeroplane Manufacturer | Click or tap here to enter text. |
| 6 Engine Type / Model | Click or tap here to enter text. |
| 7 Engine Manufacturer | Click or tap here to enter text. |
| 8 APU Type | Click or tap here to enter text. |
| 9 APU Manufacturer | Click or tap here to enter text. |

| **SCOPE OF APPLICATION** | **YES** | **NO** | **OPERATOR’S COMPLIANCE STATEMENT** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 1 EDTO \_\_\_\_ minutes? |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2 with \_\_\_min? |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 3 EDTO \_\_\_ minutes |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4 with \_\_\_\_min? |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 5 Initial EDTO |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 6 Accelerated EDTO |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 7 Is application based on CMP? |  |  | If **YES:** |  |  |  |  |
| (a) Configuration, Maintenance & Procedures (CMP) Document number |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Revision number |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Revision date |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **AIRWORTHINESS CERTIFICATION COMPLIANCE** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DETAILS** | **YES** | **NO** | **OPERATOR’S COMPLIANCE STATEMENT** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 1 Type Design Approval: |  |  |  |  |  |  |  |
| (a) AFM |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) AFM Supplement |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) TCDS |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (d) STC |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (e) Others (Please state) |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2 Manufacturer’s Letter |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 3 Maximum certified EDTO limit (Mins) |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4 Most time limited system and its corresponding time limit: |  |  |  |  |  |  |  |
| (a) System: |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Time limit: |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **EDTO CONTINUING AIRWORTHINESS** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DETAILS** | **YES** | **NO** | **OPERATOR’S COMPLIANCE STATEMENT** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 1 Applicant requirements to maintain EDTO operational approval validity: |  |  |  |  |  |  |  |
| (a) Current CMP standards |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Airworthiness Directives |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Alert Service Bulletins |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (d) Maintenance requirements as per ANR 98 THIRD SCHEDULE |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2 Aircraft Dispatch: |  |  |  |  |  |  |  |
| (a) Preclusion of aircraft for EDTO dispatch when after:  (i) an engine IFSD on a previous flight;  (ii) any primary system failure on a previous flight;  (iii) an engine replacement;  (iv) failure of an engine power control system or significant adverse trends in engine performance; OR  (v) any major maintenance work on the aircraft. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) The aircraft must successfully operate at least one non-EDTO flight before being EDTO dispatch and this shall be recorded in the Technical log, |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) The report (details refer ANR-98 Third Schedule Para 14(2)). |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 3 Maintenance programme and procedures contain: |  |  |  |  |  |  |  |
| (a) Procedures to preclude simultaneous actions from being applied to multiple similar elements in any EDTO critical systems. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Maintenance procedures shall include:  (i) EDTO related tasks shall be identified on the applicant’s routine work forms and related instructions;  (ii) EDTO related procedures, such as involvement of centralized maintenance control, shall be clearly defined in the applicant’s programme;  (iii) An EDTO service check shall be developed to verify that the status of the aircraft and certain critical items are acceptable. This check shall be accomplished and signed off by an EDTO qualified authorized person immediately prior to an EDTO flight; AND  (iv) Logbooks shall be reviewed and documented, as appropriate, to ensure proper MEL procedures, deferred items, maintenance checks and system verification procedures have been properly performed. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Applicant’s procedure to ensure its contractor complies with EDTO requirements and procedures. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4 EDTO Manual: |  |  |  |  |  |  |  |
| (a) Applicant’s EDTO manual for use by personnel involved in EDTO to identify the supplementary procedures and requirements for EDTO operations; AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) The EDTO manual shall contain key requirements promulgated in ANR 98 THIRD SCHEDULE Paragraph 3. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 5 Engine/APU Oil Consumption Monitoring Programme contain: |  |  |  |  |  |  |  |
| (a) Procedures that monitor oil consumption rates for engines and APU for EDTO and non-EDTO flights; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Procedures for calculating oil consumption rate prior to departure to address any sudden shift in consumption; AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Procedures for monitoring long-term data for increasing trends. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 6 Engine Condition Monitoring Programme contain: |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (a) Procedures for detecting deterioration of engines at an early stage to allow for corrective action before safe operations are affected; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Parameters to be monitored, method of data collection and corrective action process; AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Procedures for engine limit margin monitoring to ensure that a prolonged single-engine diversion may be conducted without exceeding approved engine limits. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 7 Verification Programme after maintenance contain: |  |  |  |  |  |  |  |
| (a) List of primary systems critical to EDTO; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Conditions that require verification flights; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Procedures for initiating verification actions; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (d) Procedures that ensure corrective action are taken after engine shutdown and any other significant failure; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (e) Procedures that identify and reverse adverse trends; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (f) Procedures that preclude repeat items from occurring; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (g) Procedures that monitor and evaluate corrective actions; AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (h) Procedures that preclude simultaneous actions from being applied to multiple similar elements in any EDTO critical system. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 8 Reliability Programme contain: |  |  |  |  |  |  |  |
| (a) Event-oriented programme for EDTO, in addition to the normal reliability programme, to allow early identification and prevention of EDTO problems; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Procedures to ensure reporting of significant individual events (in-flight shutdowns, flight diversions or turn-back, un-commanded power changes or surges, inability to control the engine or obtain desire power, problems to systems critical to EDTO and any other event detrimental to EDTO); |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Procedures for downgrade / upgrade criteria (diversion time); AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (d) Procedures for monitoring APU high altitude in-flight start and run capability. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 9 Propulsion System Monitoring Programme contain: |  |  |  |  |  |  |  |
| (a) Procedures for monitoring long-term IFSD trends (12 month moving average); AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Reporting criteria for assessment of propulsion system reliability and reporting to the Authority of results of the applicant’s assessment. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 10 APU In-flight Start Capabilities: |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (a) Technical log entry of result for APU in-flight start after work performed on the APU that may affect the operation and starting capability of the APU. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Technical log entry of the result for APU in-flight start every 3 months for each aircraft within a fleet with EDTO approval. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 11 Maintenance Training: |  |  |  |  |  |  |  |
| (a) Training programmes to ensure each person, including contract personnel, involved in EDTO is adequately trained on applicant's EDTO procedures and is competent to perform his/her duties (EDTO awareness training). |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Procedures for ensuring that maintenance personnel have completed EDTO awareness training and have satisfactorily performed EDTO maintenance tasks under supervision, within the framework of the applicant’s approved procedures for Personnel Authorization. |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 12 EDTO Parts Control contain: |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (a) Procedures that ensure proper EDTO parts are used and EDTO configuration is maintained; |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Control procedures for parts pooling and borrowing; AND |  |  | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **EDTO FLIGHT OPERATIONS** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **SUBJECTS AND REQUIREMENTS** | **OPERATOR’S COMPLIANCE REFERENCE** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 1 OPERATIONS MANUAL PART A – GENERAL | | | | | |
| (a) Regulatory requirements:  (i) ANR 98 Regularions 41-45; AND  (ii) ANR 98 THIRD SCHEDULE | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (b) Advisory Circular:  (i) CAAS AC 98-9-1 | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| (c) Best practice references:  (i) EASA AMC 20-6  (ii) FAA AC 120-42B | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.1 Brief description of EDTO | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.2 Definitions:  (a) Extended Operations.  (b) Adequate aerodrome.  (c) Approved one-engine inoperative cruise speed.  (d) Threshold distance/time.  (e) Adequate EDTO en-route alternate.  (f) Equal time points.  (g) Rule distance/time.  (h) EDTO segment  (i) EDTO significant system.  (j) Maximum approved diversion time.  (k) Dispatch. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.3 Criteria:  (a) Applicant’s AOC-defined operating area.  (b) Approved aircraft Type airframe/engine combination. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.4 Approval:  (a) Approved diversion time. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.5 Qualifications:  (a) Crew qualifications.  (b) EDTO qualified dispatcher personnel.  (c) EDTO qualified operations staff.  (d) EDTO qualified maintenance personnel. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.6 Training (Initial & recurrent) and checking:  (a) Flight Crew Training and Operations Manuals.  (b) Flight currency requirements. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.7 EDTO Authorization:  (a) Commander’s responsibilities.  (b) Statement to show when EDTO was approved. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.8 EDTO Flight Preparation and Planning:  (a) Aircraft serviceability and MEL.  (b) Communication and navigation facilities.  (c) Critical fuel scenario.  (d) Critical fuel reserve.  (e) EDTO alternate aerodrome selection.  (f) EDTO alternate planning minima.  (g) Pre-dispatch and post-dispatch weather minima.  (h) Computerised flight planning.  (i) Delayed dispatch  (j) Maintenance check (pre-departure service check).  (k) Verification flights. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 1.9 Flight Crew Procedures:  (a) Crew responsibilities.  (b) Flight documentation handling.  (c) Fuel management.  (d) Weather monitoring.  (e) Change of routing.  (f) Diversion decision-making.  Icing.  (g) Crew workload management. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **EDTO FLIGHT OPERATIONS** | | | | | |
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| **SUBJECTS AND REQUIREMENTS** | **OPERATOR’S COMPLIANCE REFERENCE** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 2 OPERATIONS MANUAL PART B – TYPE SPECIFIC | | | | | |
| 2.1 Type-related EDTO operations:  (a) Identification of EDTO aeroplane.  (b) Types of EDTO approved operations.  (c) Placards and Limitations.  (d) One-engine inoperative speed. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2.2 Type-specific planning requirements. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2.3 EDTO fuel planning:  (a) Include critical fuel scenario. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2.4 MEL / CDL:  (a) EDTO-specific MEL / CDL items. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2.5 Aeroplane systems:  (a) Performance data.  (b) Aerodrome technical differences, navigation fit, communication fit. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 2.6 Non-normal procedures:  (a) Navigation failures.  (b) Action to be taken on EDTO-significant system failure.  (c) Low fuel scenario.  (d) Crew incapacitation. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **EDTO FLIGHT OPERATIONS** | | | | | |
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| **SUBJECTS AND REQUIREMENTS** | **OPERATOR’S COMPLIANCE REFERENCE** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 3 OPERATIONS MANUAL PART C – ROUTE AND AERODROME INSTRUCTIONS | | | | | |
| 3.1 EDTO areas and routes:  (a) Approved area of operation.  (b) EDTO en-route alternates.  (c) Performance restrictions and weather minima for en-route alternates.  (d) Meteorological facilities/information.  (e) Low altitude cruise information.  (f) Route minimum diversion altitudes.  (g) MSA restrictions.  (h) Route-specific oxygen requirements. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

| **EDTO FLIGHT OPERATIONS** | | | | | |
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| **SUBJECTS AND REQUIREMENTS** | **OPERATOR’S COMPLIANCE REFERENCE** | **CAAS USE**  *(All line items are to be initialed and dated)* | | | |
| **Acceptable** | **Unacceptable** | **Not Applicable** | **Remark(s)** |
| 4 OPERATIONS MANUAL PART D – TRAINING | | | | | |
| 4.1 Ground, simulator and line training: GENERAL –  (a) EDTO overview.  (b) EDTO regulations.  (c) EDTO type design approval.  (d) Definitions.  (e) Approved one-engine inoperative speed.  (f) Maximum approved diversion time.  (g) Applicant’s approved diversion time.  (h) EDTO area of operation.  (i) EDTO routes.  (j) EDTO alternate aerodromes and weather minima.  (k) Navigation system accuracy, limitations and operating procedures.  (l) Meteorological facilities and information.  (m) In-flight monitoring and procedures.  (n) Computerised flight plan.  (o) Charts and position plotting.  (p) Equal time point.  (q) Critical fuel. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4.2 Ground, simulator and line training: Normal procedures –  (a) Flight planning and dispatch.  (b) EDTO fuel requirements.  (c) Route alternate selection – weather minima.  (d) MEL – equipment-specific.  (e) EDTO service check and technical log.  (f) Pre-flight FMS set-up.  (g) Flight performance progress monitoring.  (h) Flight management, navigation and communication systems.  (i) Aeroplane system monitoring.  (j) Weather monitoring.  (k) In-flight fuel management (to include (l) independent cross-checking of fuel quantity) | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4.3 Ground, simulator and line training: Non-normal procedures –  (a) Diversion procedures and diversion “decision-making”.  (b) Navigation and communication systems, including appropriate flight management devices in degraded modes.  (c) Fuel management with degraded systems.  (d) Procedures for single and multiple in flight during EDTO sector entry and diversion decisions.  (e) Operating on standby power.  (f) Operational restrictions associated with system failures including any applicable MEL considerations. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4.4 EDTO simulator training and line flying under supervision:  (a) Pilot’s conversion course.  (b) Annual refresher course. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |
| 4.5 Flight operations staff and dispatchers: Outside of training syllabus to include –  (a) EDTO regulation.  (b) Operational approval.  (c) Aeroplane performance.  (d) Diversion procedures.  (e) Area of operation.  (f) Fuel requirements.  (g) Dispatch considerations: MEL, CDL, weather minima and alternate airports.  (h) Delayed dispatch.  (i) Documentation. | Click or tap here to enter text. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text.  Click or tap to enter a date. | Click or tap here to enter text. |

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| **“Warning:   Notice is given that the operator shall accept full responsibility for all information given in this application form. Any attempt to provide false information will result in rejection of the application and, if already granted, the withdrawal of the Operational Approval. In addition, the operator may render himself liable to prosecution under section 29C(1)(b) of the Air Navigation Act.”** | | | | |
| “I declare to the best of my knowledge and belief that the statements made and the information supplied in this form are complete and correct.  I understand that any false representations made by me for the purpose of procuring the Singapore aviation safety instrument is an offence under section 29C(1)(b) of the Air Navigation Act and I may be subject to the penalties stipulated thereunder and any Singapore aviation safety instrument granted pursuant to the application will be revoked.” | | | | |
| **Signature / Name of person representing the operator** | | |  | |
| **Signature / Name of FS Officer accepting this form** | | |  | |
| **Revision history:** | | | | |
| **Version** | **Date** | **Paragraph(s)** | | **Details** |
| 1.0 |  |  | |  |
| 2.0 |  |  | |  |
| 3.0 | 30 November 2021 | All | | * signature columns added * Changed formatting |

|  |  |
| --- | --- |
| **REFERENCES** | |
| Regulatory | : (1) ANR 98 Regulations 41-45 (2) ANR 98 THIRD SCHEDULE |
| Compliance | : (1) CAAS AC 98-8-1 |
| Guidance | : (1) ICAO Annex 6 Part 1 Att C (2) FAA AC 120-42B (3) EASA/JAA AMC 20-6 |