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|  CAA هيئة الطيران المدني | Application for Grant Approval of CAT II /CAT III Operation (Airworthiness& Operation Aspects) | Form | AWR/OPS 049 |
| | | Edition | 1 |
| | Civil Aviation Authority - DGCAR | Revision | 2 |
| | | Date | 1/09/2020 |

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| Initial <input type="checkbox"/> | * Revalidation <input type="checkbox"/> |
| General Information | |
| Operator Name: | |
| Contact Person: | |
| Address for communication: | |
| Telephone No. | |
| Fax No. | |
| Email address: | |
| Air Operator Certificate Number: | |
| Aeroplane registration mark(s) and Aeroplane Serial No(s) requested for approval | Date: |
| Initial request for CAT II approval | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Initial request for CAT III approval | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Previous Cat II: Yes / No Cat III: Yes / No | |
| New Aircraft to operator: Yes / No | |
| Upgraded equipment on existing aircraft: Yes / No | |

| SI No | Item | Operators Reference Document | Remarks (S - Satisfactory NS – Not satisfactory A - Additional information required) |
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| Part A: Operational Information | | | |
| 1 | Operator Procedures | | |
| *1.1 | Type of Operation | | |
| 1.2 | Auto flight | | |
| 1.3 | Autoland | | |
| 1.4 | Manual land | | |
| 1.5 | HUD | | |
| 1.6 | Fail operational | | |
| 1.7 | Fail passive | | |
| 1.8 | Cat II and Cat III Instrument Approach Procedures | | |
| 1.9 | AFM/FCOM/POH/QRH Provisions, as applicable | | |
| *1.10 | Crew Coordination and Monitoring Procedures | | |
| 1.11 | Callouts | | |
| 1.12 | Use of DA (H) [Fail Passive] | | |
| 1.13 | Use of Alert Height (AH)[Fail Operational] | | |
| *1.14 | Crew Briefings | | |
| 1.15 | Configurations | | |
| 1.16 | Non-Normal Operations and Procedures | | |
| 1.17 | Special Environmental Consideration (as applicable) | | |
| 1.18 | Continuing Cat II/III Approaches in deteriorating weather (Approach Ban) | | |
| *1.19 | Dispatch Planning and MEL/CDL Requirements | | |
| 1.20 | Aircraft System Suitability Demonstration (as required) | | |
| *1.21 | Operational Demonstration | | |
| 1.22 | Data Collection/Analysis for Airborne System Demonstrations | | |
| *1.23 | Operational Procedure for Return to Service (RTS) | | |
| 2 | Training and Crew Qualification | | |
| 2.1 | Initial Training | | |
| *2.2 | Recurrent Training/Qualification | | |
| *2.3 | Requalification Training | | |
| *2.4 | Recency of Experience | | |
| *2.5 | Differences Training | | |
| 2.6 | Simultaneous Training and Qualification for Cat II and III | | |
| 2.7 | Ground Training Curriculum Segment | | |
| 2.8 | SMGCS Training (airport surface depiction) | | |
| *2.9 | Flight Training Curriculum Segment | | |
| 2.10 | Manoeuvres and Procedures Document | | |
| 2.11 | Initial Qualification | | |
| 2.12 | Low Visibility Takeoff Qualification | | |

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| 2.13 | Multiple Aircraft Type or Variant Qualification (as applicable) | | |
| 2.14 | Special Terrain Airports (as applicable) | | |
| *2.15 | Line Checks | | |
| 2.16 | Crew Records and Notification System | | |
| 3 | Airplane and Equipment | | |
| 3.1 | Airborne Systems for Cat II | | |
| 3.2 | Airborne Systems for Cat III | | |
| 3.3 | Automatic Flight control and Landing Systems | | |
| 3.4 | Flight Director Systems | | |
| 3.5 | Head up Display Systems | | |
| 3.6 | Enhanced/Synthetic Vision Systems | | |
| 3.7 | Hybrid Displays | | |
| 4 | Operations Specifications | | |
| 4.1 | Issuance of Cat II/III Minima in Op Spec | | |
| 4.2 | Op Spec amendments (as required) | | |
| *5 | Operator's Document Application Package | | |
| 5.1 | Operations Manual (Pertinent parts - specific) | | |
| 5.2 | Normal procedures | | |
| 5.3 | Non-normal procedures | | |
| 5.5 | Call outs | | |
| 5.6 | Limitations | | |
| 5.7 | Manoeuvres and procedures diagrams | | |
| 5.8 | QRH (as applicable) | | |
| 5.2 | Operations Manual (Pertinent parts - generic) | | |
| 5.3 | Crew briefings | | |
| 5.4 | Cat II/III procedures | | |
| 5.5 | Dispatch procedures | | |
| 5.6 | Flight operational bulletins (or equivalent) | | |
| 5.7 | Compliance Documents (with regulations –) | | |
| 5.8 | Cat II (compliance matrix for CARs) | | |
| 5.9 | Cat III (compliance matrix for CARs) | | |
| 5.10 | Operations Manual (Pertinent parts - training) | | |
| 5.11 | Initial training | | |
| 5.12 | Recurrent training | | |
| 5.13 | Requalification training | | |
| 5.14 | Recency training | | |
| 5.15 | Transition training | | |
| 5.16 | Differences training | | |
| 5.17 | Instructor/Examiner guides | | |
| 5.18 | Dispatcher training material | | |
| 5.19 | Requested Op Spec | | |
| 5.20 | Implementation Timetable | | |
| 5.21 | Minimum Equipment List (MEL) | | |
| 5.22 | Operational Demonstration Plan | | |

| 5.23 | General methodology | | |
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| 5.24 | Company guidelines | | |
| 5.25 | Weather minima statement | | |
| 5.26 | Flight crew experience | | |
| 5.27 | Data recording methodology | | |
| 5.28 | Discrepancy reporting forms | | |
| 5.29 | Overall proposed plan and time lines | | |
| 5.30 | Application Letter | | |
| Part B: Airworthiness Information | | | |
| SL No | Items | (Column-I) Compliance by operator | (Column-II) Verification by DGCAR |
| 1. Type Design Approval for referenced Aeroplane Type Designation | | | |
| 1.1 | The CAT II /CAT III type design approval is reflected in : | | |
| 1.1.1* | AFM / AFM Supplements | | |
| 1.1.2 | Type Certification Data Sheet/Supplemental Type Certificate/other | | |
| 2. Eligibility for referenced Aeroplane Serial Number | | | |
| 2.1* | Does the aircraft comply with the titles and numbers of all modifications, additions and changes which were made in order to substantiate the incorporation of the MPD standard in the aeroplane? | | |
| 2.2* | MPD compliance list established? (YES/NO) | | |
| 3. Before presenting an aircraft for approval of Cat II/Cat III operations, it must be shown by furnishing necessary documents that, since the beginning of the 12th calendar month before the date of submission, the following checks had been carried out: - | | | |
| 3.1* | The ILS localizer and glide slope equipment shall have been bench checked according to the Manufacturer's stipulations | | |
| 3.2* | The altimeters and the static pressure systems shall have been tested and inspected in accordance with the procedure given in as per manufacturers recommendations | | |
| 3.3* | All other instruments and items of equipment required for Cat II/Cat III operations shall have been maintained/bench checked as per manufacturers requirements | | |
| 3.4 | All components of flight control guidance system must have been approved for Cat II/III operations as applicable under type Or supplemental type certification procedures. | | |
| 3.5* | Subsequent changes to make, model or design of these components must be approved by regulatory authority of the country of manufacture. | | |
| 3.6* | Related systems or devices such as the auto throttle and computed missed approach guidance system must be approved in the same manner, if they are to be used for Cat II/Cat III operations. | | |

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| 3.7* | A radio altimeter must meet the performance criteria as specified in "Minimum performance Standards" | | |
| 3.8 | The operator shall ensure that any modification to systems and components approved for Cat II&III operations are not affected when incorporating software changes, service bulletins, etc. Any change to system, components shall have been approved by the manufacturer and the regulatory authority of the country of manufacture. | | |
| 4 Maintenance Program and Maintenance Procedures (*) | | | |
| 4.1 | CAT II/CAT III Manual (*) The applicant should develop a manual for use by personnel involved in CAT II/CAT III. The purpose of the CAT II/CAT III Manual is to identify the supplementary procedures and requirements for CAT II/CAT III operations. This manual should, as a minimum, contain the procedures listed below. Please provide relevant manual references for each. | | |
| 4.1.1 | Detailed procedures, instructions, limitations and maintenance program to ensure continued serviceability, accuracy, reliability, characteristics in case of failures and degree of redundancy of the systems necessary for the Cat II/ Cat III operations and shall be approved by DGCAR | | |
| 4.1.2 | A copy of Maintenance Program for Cat II /Cat III operation | | |
| 4.1.3 | Procedures for downgrade/upgrade criteria. | | |
| 5. Reliability Program | | | |
| 5.1 | Reliability program shall establish a specific procedure to govern maintenance capability of the operator to conduct Cat II/Cat III operation prevention of CAT II /CAT III problems. | | |
| 6. Maintenance Training Program | | | |
| 6.1 | Training programs to ensure each person, including Contract personnel, involved in CAT II /CAT III is adequately trained on operator's CAT II /CAT III procedures and is competent to perform his/her duties (CAT II /CAT III awareness training). | | |
| 6.2 | Procedures for ensuring that maintenance personnel have completed CAT II/CAT III awareness training and have satisfactorily performed CAT II /CAT III maintenance tasks under supervision, within the framework of approved procedures for personnel Authorisation. | | |
| Part C: Application Package airworthiness aspect | | | |
| 1 | <i>Documentation to be submitted to DGCAR.</i> | | |
| 1.1 | CAR Compliance | | |
| 1.2 | MPD (last version). | | |
| 1.3 | Sections of the AFM or AFM Supplements that document CAT II /CAT III airworthiness approval. And or TCDS | | |
| 1.4 | MPD compliance list showing compliance with the titles and numbers of all modifications, addition and changes Which were made in order to substantiate the incorporation of the MPD standard in the aeroplane. | | |
| 1.5 | CAT II /CAT III Maintenance Manual Ensure Approval of amendment of | | |

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| | Manual for approval of additional aircraft | | |
| Part D: Applicant Statement | | | |
| 1.1 | The undersigned certifies the above information to be correct and true and that aeroplane system installation, continuing airworthiness of systems, minimum equipment for dispatch, operating procedures and flight crew training comply with the requirements of DGCAR | | |
| | Name : | Signature : | Date: |
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| Part E : Inspectors Verification and proposal of decision (For CAA USE ONLY) | | | |
| Verification Remarks/ Recommendation by the Airworthiness Inspector and Flight Operation Inspector: | | | |
| 1.1 | The undersigned certifies the above information mentioned above have been verified and the aircraft as listed in the checklist meets the requirements for CAT II/III operations from Airworthiness aspects. Recommendation and decision by Airworthiness Inspector: | | |
| | Name and designation | Signature | Date |
| 1.2 | Check on operational aspect received from the Flight Operation Inspector (for additional aircraft only) Recommendation and decision by FOI: | | |
| | Name and designation | Signature | Date |
| 1.3 | Check CAA invoice fee | | |
| Part F : Flight Safety Director Decision | | | |
| 1.1 | <i>Flight Safety Director</i> Approval: Yes <input type="checkbox"/> No <input type="checkbox"/> | | |
| | Name: | Signature: | Date: |
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