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| **Name of Applicant:** | |  | **Date:** | |  | |
| **Address:** | |  | **Contact No.**  **Email:** | |  | |
| **S No.**  **1** | **Appendix 1 to CAR OPS-1.1045 – Part B**  **General information and units of measurement** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | **0.1** General Information (e.g. aeroplane dimensions), including a description of the units of measurement used for the operation of the aeroplane type concerned and conversion tables. | |  |  |  |  |
|  | **1 Limitations**  **1.1** A description of the certified limitations and the applicable operational limitations including: | |  |  |  |  |
|  | Certification status (eg. FAR–23, FAR–25, ICAO Annex 16 (FAR–36 and FAR–34) etc); | |  |  |  |  |
|  | Passenger seating configuration for each aeroplane type including a pictorial presentation; | |  |  |  |  |
|  | Types of operation that are approved (e.g. VFR/IFR, CAT II/III, RNP Type, flights in known icing conditions etc.); | |  |  |  |  |
|  | Crew composition; | |  |  |  |  |
|  | Mass and centre of gravity; | |  |  |  |  |
|  | Speed limitations; | |  |  |  |  |
|  | Flight envelope(s); | |  |  |  |  |
|  | Wind limits including operations on contaminated runways; | |  |  |  |  |
|  | Performance limitations for applicable configurations; | |  |  |  |  |
|  | Runway slope; | |  |  |  |  |
|  | Limitations on wet or contaminated runways; | |  |  |  |  |
|  | Airframe contamination; | |  |  |  |  |
|  | System limitations | |  |  |  |  |
| **2** | **Normal** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | 2.1 The normal procedures and duties assigned to the crew, the appropriate check-lists, the system for use of the check-lists and a statement covering the necessary coordination procedures between flight and cabin crew. The following normal procedures and duties must be included | |  |  |  |  |
|  | Pre-flight; | |  |  |  |  |
|  | Pre-departure | |  |  |  |  |
|  | Altimeter setting and checking; | |  |  |  |  |
|  | Taxy, Take-Off and Climb | |  |  |  |  |
| **2** | **(Contd.) Normal** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | Noise abatement | |  |  |  |  |
|  | Cruise and descent | |  |  |  |  |
|  | Approach, landing preparation and briefing | |  |  |  |  |
|  | VFR Approach; | |  |  |  |  |
|  | Instrument approach | |  |  |  |  |
|  | Visual Approach and circling | |  |  |  |  |
|  | Missed Approach; | |  |  |  |  |
|  | Normal Landing | |  |  |  |  |
|  | Post Landing | |  |  |  |  |
|  | Operation on wet and contaminated runways | |  |  |  |  |
| **3** | **Abnormal and Emergency Procedures** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | **3.1** The abnormal and emergency procedures and duties assigned to the crew, the appropriate check-lists, the system for use of the check-lists and a statement covering the necessary co-ordination procedures between flight and cabin crew. The following abnormal and emergency procedures and duties must be included | |  |  |  |  |
|  | Crew Incapacitation; | |  |  |  |  |
|  | Fire and Smoke Drills; | |  |  |  |  |
|  | Unpressurised and partially pressurized flight | |  |  |  |  |
|  | Exceeding structural limits such as overweight landing | |  |  |  |  |
|  | Exceeding cosmic radiation limits | |  |  |  |  |
|  | Lightning Strikes | |  |  |  |  |
|  | (Distress Communications and alerting ATC to Emergencies | |  |  |  |  |
|  | Engine failure | |  |  |  |  |
|  | System failures; | |  |  |  |  |
|  | Guidance for Diversion in case of Serious Technical Failure | |  |  |  |  |
|  | Ground Proximity Warning | |  |  |  |  |
|  | TCAS Warning; | |  |  |  |  |
|  | Wind shear; | |  |  |  |  |
|  | Emergency Landing/Ditching | |  |  |  |  |
|  | Departure Contingency Procedures | |  |  |  |  |
| **4** | **Performance** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | **4.0** Performance data must be provided in a form in which it can be used without difficulty | |  |  |  |  |
|  | **4.1** **Performance data*.*** Performance material which provides the necessary data for compliance with the performance requirements prescribed in CAR–OPS 1 Subparts F, G, H and I must be included to allow the determination of: | |  |  |  |  |
|  | Take-off climb limits – Mass, Altitude, Temperature; | |  |  |  |  |
|  | Take-off field length (dry, wet, contaminated | |  |  |  |  |
|  | Net flight path data for obstacle clearance calculation or, where applicable, take-off flight path; | |  |  |  |  |
|  | The gradient losses for banked climb outs | |  |  |  |  |
|  | En-route climb limits | |  |  |  |  |
|  | Approach climb limits | |  |  |  |  |
|  | Landing climb limits | |  |  |  |  |
|  | Landing field length (dry, wet, contaminated) including the effects of an in-flight failure of a system or device, if it affects the landing distance; | |  |  |  |  |
|  | Brake energy limits | |  |  |  |  |
|  | Speeds applicable for the various flight stages (also considering wet or contaminated runways). | |  |  |  |  |
|  | **4.2.1.** ***Supplementary data covering flights in icing conditions.*** Any certificated performance related to an allowable configuration, or configuration deviation, such as anti-skid inoperative, must be included | |  |  |  |  |
|  | **4.2.2.** If performance Data, as required for the appropriate performance class, is not available in the approved AFM, then other data acceptable to the AUTHORITY must be included. Alternatively, the Operations Manual may contain cross-reference to the approved Data contained in the AFM where such Data is not likely to be used often or in an emergency | |  |  |  |  |
|  | **4.3** **Additional Performance Data**.  Additional performance data where applicable including: | |  |  |  |  |
|  | All engine climb gradients; | |  |  |  |  |
|  | Drift-down data; | |  |  |  |  |
|  | Effect of de-icing/anti-icing fluids | |  |  |  |  |
|  | Flight with landing gear down | |  |  |  |  |
|  | For aeroplanes with 3 or more engines, one engine inoperative ferry flights; | |  |  |  |  |
|  | Flights conducted under the provisions of the CDL. | |  |  |  |  |
| **5** | **Flight Planning** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
| **i.** | **5.1** Data and instructions necessary for pre-flight and in-flight planning including factors such as speed schedules and power settings. | |  |  |  |  |
| **ii** | Where applicable, procedures for engine(s)-out operations, | |  |  |  |  |
| **iii** | ETOPS (particularly the one-engine-inoperative cruise speed and maximum distance to an adequate aerodrome, determined in accordance with CAR-OPS 1.245) | |  |  |  |  |
| **iv** | and flights to isolated aerodromes must be included | |  |  |  |  |
|  | **5.2** The method for calculating fuel needed for the various stages of flight, in accordance with CAR–OPS 1.255. | |  |  |  |  |
| **6** | **Mass and Balance** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | Instructions and data for the calculation of the mass and balance including: | |  |  |  |  |
|  | Calculation system (e.g. Index system); | |  |  |  |  |
|  | Information and instructions for completion types; | |  |  |  |  |
|  | Limiting masses and centre of gravity for the types, variants or individual aeroplanes used by the operator; and | |  |  |  |  |
|  | Dry Operating mass and corresponding center of gravity or index. | |  |  |  |  |
| **7** | **Loading** | | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | Procedures and provisions for loading and securing the load in the aeroplane. | |  |  |  |  |

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| **8** | **Configuration Deviation List** | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
| 1. **9a)** | The Configuration Deviation List(s) (CDL), if provided by the manufacturer, taking account of the aeroplane types and variants operated, including procedures to be followed when an aeroplane is being dispatched under the terms of its CDL. |  |  |  |  |
| **9** | **Minimum Equipment List (MEL)** | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | The Minimum Equipment List (MEL) taking account of the aeroplane types and variants operated and the type(s)/area(s) of operation. The MEL must include the navigational equipment and taking into account the required navigation performance for the route and area of operation. |  |  |  |  |
| **10** | **Survival and Emergency Equipment Including Oxygen** | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
| (a) | **10.1** A list of the survival equipment to be carried for the routes to be flown and the procedures for checking the serviceability of this equipment prior to take-off. Instructions regarding the location, accessibility and use of survival and emergency equipment and its associated check list(s) must also be included. |  |  |  |  |
|  | **10.2** The procedure for determining the amount of oxygen required and the quantity that is available. The flight profile, number of occupants and possible cabin decompression must be considered. The information provided must be in a form in which it can be used without difficulty. |  |  |  |  |
| **11** | **Preparation for Emergency Evacuation** | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | **11.1** Instructions for preparation for emergency evacuation including crew co-ordination and emergency station assignment. |  |  |  |  |
|  | **11.2** Emergency evacuation procedures.  A description of the duties of all members of the crew for the rapid evacuation |  |  |  |  |
| **12** | **Aeroplane Systems** | **Applicant’s OM-B**  **reference** | **S/ US** | **Required**  **corrective action** | **Comment** |
|  | A description of the aeroplane systems, related controls and indications and operating instructions. (See IEM to Appendix 1 to CAR OPS-1.1045.) |  |  |  |  |

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| **D. This is to certify that the company manual(s) have addressed all Sultanate of Oman relevant applicable Regulations (CARs) to the proposed operations.** | | |
| **Name of Nominated Postholder Operations** | **Signature:** | **Date:** |
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| **CAA Use Only** | | | |
| **Designation** | **Name** | **Signature** | **Date** |
| **Chief operating Section (COS):** |  |  |  |
| **FOI Inspector:** |  |  |  |
| **AWI Inspector:** |  |  |  |
| **GOI/ DGR Inspector:** |  |  |  |

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| **E. Review No:** | **Results** | **Approved ☐** | Not Approved ☐ |