

## GEN 1.5 AIRCRAFT INSTRUMENTS, EQUIPMENT, AND FLIGHT DOCUMENTS

### 1. General

- 1.1 Commercial air transport aircraft operating in Bhutan must adhere to the provision of ICAO Annex 6 *Operation of Aircraft, Part I – International Commercial Air Transport - Aeroplanes*, Chapter 6 (Aeroplane Instruments, Equipment and Flight Documents) and chapter 7 (Aeroplane Communication and Navigation Equipment).

### 2. Special equipment and documents to be carried

- 2.1 An aircraft shall not fly in Bhutan, unless it is equipped with instruments and equipment required for it to comply with the regulations of the state in which it is registered.
- 2.2 An operator shall not commence a flight unless an aircraft registered in Bhutan are fitted with the instruments and equipment described in BCAR-OPS 1 Subpart K briefly described below:
- (a) Flight and Navigation instruments and associated instruments;
  - (b) Additional equipment for single pilot operation under IFR or night;
  - (c) Crew member inter phone system;
  - (d) Cockpit voice recorders;
  - (e) Flight data recorders;
  - (f) First Aid kits;
  - (g) Emergency Medical kit;
  - (h) First Aid oxygen;
  - (i) Supplemental oxygen – pressurised aeroplanes;
  - (j) Hand fire extinguishers;
  - (k) Megaphones;
  - (l) Automatic emergency locator transmitter;
  - (m) Life jackets;
  - (n) Life rafts and ELT for extended over water flights;
  - (o) Survival equipment.
- 2.3 An operator shall not commence a flight unless an aircraft registered in Bhutan are fitted with the Communication and Navigation equipment described in BCAR-OPS 1 Subpart L, as shown below:
- (a) Radio Equipment;
  - (b) Audio Selector Panel;
  - (c) Radio equipment for operations under VFR over routes navigated by reference to visual landmarks;
  - (d) Microphones;
  - (e) Communication and Navigation equipment for operations under IFR, or under VFR over routes not navigated by reference to visual landmarks;
  - (f) Transponder equipment;
  - (g) Electronic Navigation Data Management;
  - (h) Additional navigation equipment for operations in MNPS airspace;
  - (i) Equipment for operation in defined airspace with Reduced Vertical Separation Minima (RVSM)
- 2.4 An operator shall ensure that the following documents or copies thereof are carried on each flight as described in BCAR OPS 1.125:
- (a) The Certificate of Registration;
  - (b) The Certificate of Airworthiness;
  - (c) The original or a copy of the Noise Certificate;
  - (d) The original or certified true copy of the Air Operator Certificate;
  - (e) The original or certified true copy of the Operations Specifications;
  - (f) The Aircraft Radio License;
  - (g) The original or a copy of the Third party liability Insurance Certificate(s); and

- (h) Each flight crew member shall carry a valid flight crew license with appropriate rating(s) for the purpose of the flight.
- 2.5 An operator shall ensure that the following manuals are carried on board the aircraft as described in BCAR OPS 1.130:
- (a) The current parts of the Operations Manual relevant to the duties of the crew are carried on each flight;
  - (b) Those parts of the Operations Manual which are required for the conduct of a flight are easily accessible to the crew on board the aeroplane; and
  - (c) The current Aeroplane Flight Manual is carried in the aeroplane unless BCAA has accepted otherwise.
- 2.6 An operator shall ensure that, in addition to the documents and manuals prescribed in BCAR OPS 1.125 and BCAR OPS 1.130, the following information and forms, relevant to the type and area of operation, are carried on each flight as described in BCAR OPS 1.135:
- (a) Operational Flight Plan;
  - (b) Aeroplane Technical Log;
  - (c) Details of the filed ATS flight plan;
  - (d) Appropriate NOTAM/AIS briefing documentation;
  - (e) Appropriate meteorological information;
  - (f) Mass and balance documentation;
  - (g) Notification of special categories of passenger such as security personnel (if not considered as crew), handicapped persons, inadmissible passengers, deportees and persons in custody;
  - (h) Notification of special loads including dangerous goods including written information to the commander;
  - (i) Current maps and charts and associated documents;
  - (j) Any other documentation which may be required by the States concerned with this flight, such as cargo manifest, passenger manifest etc; and
  - (k) Forms to comply with the reporting requirements of BCAA and the Operator.