

SECTION 12 – LICENSING

CHAPTER 1. FLIGHT CREW LICENSING – POLICY

ISSUE OF LICENCES

12.1.1 The Civil Aviation Division does not have the facilities or the expertise to conduct initial flight Crew Licensing ground or examinations and will therefore issue an initial Bhutan Flight Crew License only on the basis of a JAA License. Provided the Bhutan license is then maintained in accordance with JAR Standards, the CAD can carry out renewal/reissue.

Foreign Licenses Holders

12.1.2 Persons holding a JAA License may qualify for the issue of a Bhutan License (Aeroplane) under the conditions of appendix 1 to JAR-FCL 1.005 and a Bhutan License (Helicopter) under the conditions of Appendix 1 to JAR-FCL 2.005. Persons holding other ICAO Licences may qualify for validation of their Foreign License under the terms of appendix 1 to JAR-FCL 1.015 (Aero planes) and Appendix 1 to JAR-FCL 2.015 (Helicopters)

Ab-initio flying Training

12.1.3 Ab-initio flying Training for the issue of Bhutan Flight Crew License will be recognized only if:

- a) the flying training is conducted at a JAA approved flying school; and
- b) the flying training course is conducted in accordance with JAA requirements; and
- c) successful completion of the course results in the issue of a valid license and multi-engine instrument rating by a JAA country; and
- d) the applicant meets the requirements of appendix 1 to JAR-FCL 1.005 (Aeroplanes) and JAR-FCL 2.005 (Helicopter)

Upgrade Training

12.1.4 Upgrade training for the issue of a Bhutan airline Transport Pilot License (ALTP) shall be in accordance with JAR-FCL 1 Subpart G and Appendices (Aeroplane) and JAR-FCL 2 Subpart G and Appendices (Helicopter)

Curtailment of privileges of pilots who have attained their 60th birthday

12.1.5 The holder of a pilots license shall not act as pilot in command of an aircraft engaged in scheduled air services or non-scheduled air transport operations for remuneration or hire if the licence holders have attained their 60th birthday.

Medical Provisions for Licensing:

12.1.6 Aviation Medical standards applicable in Bhutan shall be in accordance with JAR-FCL 3.

Exceptions: JAR-FCL 1.061 is not implemented in Bhutan

Chapter 2 – Flight Crew Licensing (Aeroplane)

General

12.2.1 General requirements for Flight Crew Licensing (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart A and Appendices.

Student Pilot (Aeroplane)

12.2.2 Requirements for a private Pilot (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart B.

Private Pilot Licence (Aeroplane)

12.2.3 Requirements for a Private Pilot (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart C and Appendices.

Commercial Pilot Licence (Aeroplane)

12.2.4 Requirements for a Commercial Pilot Licence (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart D.

Instrument Rating (Aeroplane)

12.2.5 Requirements for an Instruments Rating (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart E and Appendices.

Type and Class Ratings (Aeroplane)

12.2.6 Requirements for Type and Class Ratings (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart F and Appendices.

Airline Transport Pilot Licence (Aeroplane)

12.2.7 Requirements for an Airline Transport Pilot Licence (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart F and Appendix.

Instructor Ratings (Aeroplane)

12.2.8 Requirements for Instructor Ratings (Aeroplane) shall be in accordance with JAR-FCL 1 subpart H and appendices.

Examiners (Aeroplane)

12.2.9 Requirements for examiners (Aeroplane) shall be in accordance with JAR-FCL 1 Subpart I.

Theoretical Knowledge Requirements and Professional Pilot Licences and Instrument Ratings

12.2.10 Theoretical Knowledge Requirements and Procedures for the conduct of theoretical examinations for professional pilot licences and instrument ratings shall be in accordance with JAR-FCL 1 Subpart J.

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Chapter 3. Flight Crew licensing (Helicopter)

General

12.3.1 General requirements for Flight Crew Licensing (Helicopter) shall be in accordance with JAR-FCL 2 Subpart A and Appendices.

Student Pilot (Helicopter)

12.3.2 Requirements for student pilot (Helicopter) shall be in accordance with JAR-FCL 2 Subpart B.

Private Pilot Licence (Helicopter)

12.3.3 Requirements for a Private Pilot Licence (Helicopter) shall be in accordance with JAR-FCL 2 Subpart C and Appendices.

Commercial Pilot Licence (Helicopter)

12.3.4 Requirements for a Commercial Pilot Licence (Helicopter) shall be in accordance with JAR-FCL 2 Subpart D and Appendices.

Instrument Rating (Helicopter)

12.3.5 Requirements for an Instrument Rating (Helicopter) shall be in accordance with JAR-FCL 2 Subpart E and Appendices.

Type Ratings (Helicopter)

12.3.6 Requirements for Type and Class Ratings (Helicopter) shall be in accordance with JAR-FCL 2 Subpart F and Appendices.

Airline Transport Pilot Licence (Helicopter)

12.3.7 Requirements for Airline Transport Pilot Licence (Helicopter) shall be in accordance with JAR-FCL 2 Subpart G and Appendix.

Instructor Ratings (Helicopter)

12.3.8 Requirements for Instructor Ratings (Helicopter) shall be in accordance with JAR-FCL 2 Subpart H and Appendices.

Examiners (Helicopter)

12.3.9 Requirements for Examiners (Helicopter) shall be in accordance with JAR-FCL 2 Subpart I.

Theoretical Knowledge Requirements and procedures for Professional Pilot Licences and Instrument Ratings

12.3.10 Theoretical knowledge Requirements and Procedures for the conduct of theoretical examinations for professional pilot licences and instrument ratings shall be in accordance with JAR-FCL 2 Subpart J.

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Chapter 4. Maintenance Engineer's Licences

12.4.1 Aircraft Maintenance Engineer Type II Licence. The Director may grant an aircraft maintenance engineer Type II licence to a trained applicant who meets the the following requirements in respect of age, knowledge, experience and skill:

- a) he shall not be less than 18 years of age:
- b) he shall satisfy the Director as to his knowledge of:

1. the regulations pertinent to the duties of an aircraft maintenance Type II licence holder;
 2. the assembly, functioning, inspection, servicing, maintenance and principles of construction of whichever of the following are appropriate to the privileges to be granted:
 - i) aircraft in their entirety;
 - ii) airframes;
 - iii) aircraft engines;
 - iv) aircraft avionics.
- c) he shall have had the following experience in replacement, modification, repair and inspection of aircraft or its components.
1. for the issue of a licence with privileges for signing a certificate of maintenance review, at least:
 - i) three years or
 - ii) two years if the applicant has satisfactorily completed an approved training course which will provide an equivalent level of practical experience.
 2. for the issue of a licence restricted in accordance with Regulation 12.4.2 b) (2) a period of that time will enable a level of competency equivalent to that required in (i) to be attained, provided that this is not less than:
 - i) two years, or
 - ii) such a period as the Director considers necessary to provide an equivalent level of practical experience to applicants who have satisfactorily completed an approved training course.
- d) He shall satisfy the Director that he can demonstrate his ability to perform those functions applicable to the privileges granted.

12.4.2 Privileges of a Holder of a Type II Licence and the Conditions to be observed in Exercising such Privileges.

- a) subject to the conditions specified in sub-para b) below the privileges of the holder of an aircraft maintenance Type II licence shall be:
 - 1) for licence conferring privileges with respect to the aircraft in their entirety-to issue a certificate of release to service after a replacement, modification, repair and inspection of an aircraft an to sign a certificate of maintenance review;
 - 2) for a licence conferring privileges restricted in accordance with b) (ii) below-to issue a certificate of release to service

in respect of such aircraft components as are entered on the licence, after replacement, modification, repair and inspection and to sign a certificate of maintenance review in conjunction with other appropriately licensed persons that between them such persons are licensed on the aircraft in its entirety, each assuming responsibility for those aspects of the work for which the licence holder is entitled to assume responsibility.

- b) the privileges of the holder of an aircraft maintenance Type II licence specified in sub-para a) above shall be exercised only:
 - 1. in respect of such aircraft as are entered on his licence in their entirety either specifically or under broad categories; or
 - 2. in respect of such airframes, engines or avionics as are entered on his licence either specifically or under broad categories;
 - 3. provided that he has familiarized himself with all pertinent and current information relating to the maintenance and airworthiness of the particular type of aircraft for which he is signing a certificate of maintenance review or such airframe, engine or avionics for which he is issuing a certificate of return to service;
 - 4. on condition that, within the preceding 24 months, either he has exercised the appropriate privileges of the holder of an aircraft maintenance Type II licence for not less than six months, or he has satisfied the Director of his ability to meet the standards prescribed for issue of a licence with the appropriate privileges.

12.4.3 Vesting of Type II licence privileges in an Approved Maintenance Organisation. Privileges equivalent to those in Regulation 12.4.2 may be vested in an approved maintenance organization if the Director is satisfied that an equivalent level of competence is maintained and that the privilege of signing a certificate of maintenance review is restricted to individuals who have knowledge, experience and skill equivalent to that of 12.4.1.

12.4.4 Aircraft Maintenance Engineer Type I Licence. The Director may grant an aircraft maintenance engineer Type I licence to a trained applicant who meets the following requirements in respect of age knowledge, experience and skill:

- a) he shall not be less than 21 years of age;
- b) he shall satisfy the director as to his knowledge of;

1. the regulations pertinent to the duties of an aircraft maintenance Type I licence holder;
 2. the assembly, functioning, inspection and principles of construction of whichever of the following are appropriate to the privileges to be granted:
 - i) airframes;
 - ii) aircraft engines;
 - iii) aircraft avionics.
 3. methods and procedures for inspection and approved repair, overhaul and functional testing of whichever of the following are appropriate to the privileges to be granted:
 - c) He shall have had the following experience in the overhaul, replacement, modification, repair and inspection of aircraft components, at least:
 1. five years, or
 2. three years if the applicant has satisfactorily completed an approved training course which will provide an equivalent level of practical experience.
 - d. he shall satisfy the Director that he can demonstrate his ability to perform those functions applicable to the privileges granted.
- 12.4.5 Privileges of the Holder of Type I Licence and the conditions to be observed in Exercising such privileges.
- a) subject to conditions specified in sub-para b) below the privileges of the holder of an aircraft maintenance Type I licence shall be to issue a certificate of release to service in respect of such components as are entered on his licence after overhaul, replacement, modification, repair and inspection including fitment of approved parts and components.
 - b) The privileges of the holder of an aircraft maintenance Type I licence specified in sub-para a) above shall be exercised only:
 1. in respect of such airframes, engines or avionics as are entered on his licence either specifically or under broad categories;
 2. provided that he has familiarized himself with all pertinent and current information relating to the airworthiness of the particular airframe, engine or avionics which he is certifying as being airworthy after overhaul, replacement, modification, repair or inspection;
 3. on condition that, within the preceding 2 months, either he has exercised the appropriate privileges of the holder of aircraft maintenance Type I licence for not less than six months, or he has satisfied the Director of his ability to meet the standards prescribed for the issue of a licence with appropriate privileges.

12.4.6 Vesting of Type I Licence Privileges in an approved Maintenance Organisation Privileges equivalent to those in 12.4.5 may be vested in an approved maintenance organization if the Director is satisfied that an equivalent level of competence is maintained.

12.4.7 Approval and acceptance of aircraft Maintenance Training Course. Under such condition as he thinks fit the Director may:

- a) approve an ab-initio course of not less than two years duration;
- b) approve or accept any other training course as being adequate for its intended purpose;
- c) authorize a person to conduct such examinations or tests as he may require;
- d) approve a person to provide or conduct any course of training or instruction;
- e) approve a person as qualified to inspect and furnish reports to him concerning training courses and to accept such reports.