



EUROPEAN GLIDING UNION

Representative Organisation of European Glider Pilots

**EXTRACT OF THE
COMMISSION REGULATION (EU) No 1178/2011
of 3 November 2011**

**laying down technical requirements and administrative procedures
related to civil aviation aircrew pursuant to Regulation (EC) No 216/2008
of the European Parliament and of the Council
containing only the regulations valid for glider pilot licences**

WARNING: This is an unofficial document worked out by the EGU for making the rules easier to read for the glider pilots. In the case there would be differences between this courtesy document and the official document issued by EASA, the later would be the only valid.

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REGULATIONS

Article 1 Subject matter

This Regulation lays down detailed rules for:

- (1) different ratings for pilots' licences, the conditions for issuing, maintaining, amending, limiting, suspending or revoking licences, the privileges and responsibilities of the holders of licences, the conditions for the conversion of existing national pilots' licences and of national flight engineers' licences into pilots' licences, as well as the conditions for the acceptance of licences from third countries;
- (2) the certification of persons responsible for providing flight training or flight simulation training and for assessing pilots' skills;
- (3) different medical certificates for pilots, the conditions for issuing, maintaining, amending, limiting, suspending or revoking medical certificates, the privileges and responsibilities of the holders of medical certificates as well as the conditions for the conversion of national medical certificates into commonly recognised medical certificates;
- (4) the certification of aero-medical examiners, as well as the conditions under which general medical practitioners may act as aero-medical examiners;
- (5) the periodical aero-medical assessment of cabin crew members, as well as the qualification of persons responsible for this assessment.

Article 2 Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (1) 'Part-FCL licence' means a flight crew licence which complies with the requirements of Annex I;
- (2) 'JAR' means joint aviation requirements adopted by the Joint Aviation Authorities as applicable on 30 June 2009;
- (3) 'Light aircraft pilot licence (LAPL)' means the leisure pilot licence referred to in Article 7 of Regulation (EC) No 216/2008;
- (4) 'JAR-compliant licence' means the pilot licence and attached ratings, certificates, authorisations and/or qualifications, issued or recognised, in accordance with the national legislation reflecting JAR and procedures, by a Member State having implemented the relevant JAR and having been recommended for mutual recognition within the Joint Aviation Authorities' system in relation to such JAR;
- (5) 'Non-JAR-compliant licence' means the pilot licence issued or recognised by a Member State in accordance with national legislation and not having been recommended for mutual recognition in relation to the relevant JAR;
- (6) 'Credit' means the recognition of prior experience or qualifications;
- (7) 'Credit report' means a report on the basis of which prior experience or qualifications may be recognised;
- (8) 'Conversion report' means a report on the basis of which a licence may be converted into a Part-FCL licence;
- (9) 'JAR-compliant pilots' medical certificate and aero-medical examiners' certificate' means the certificate issued or recognised, in accordance with the national legislation reflecting JAR and procedures, by a Member State having implemented the relevant JAR and having been recommended for mutual recognition within the Joint Aviation Authorities' system in relation to such JAR;
- (10) 'Non-JAR-compliant pilots' medical certificate and aero- medical examiners' certificate' means the certificate issued or recognised by a Member State in accordance with national legislation and not having been recommended for mutual recognition in relation to the relevant JAR.

Article 3 Pilot licensing and medical certification

Without prejudice to Article 7, pilots of aircraft referred to in Article 4(1)(b) and (c) and Article 4(5) of Regulation (EC) No 216/2008 shall comply with the technical requirements and administrative procedures laid down in Annex I and Annex IV to this Regulation.

Article 4 Existing national pilots' licences

1. JAR-compliant licences issued or recognised by a Member State before 8 April 2012 shall be deemed to have been issued in accordance with this Regulation. Member States shall replace these licences with licences complying with the format laid down in Part-ARA by 8 April 2017 at the latest.
2. Non-JAR-compliant licences including any associated ratings, certificates, authorisations and/or qualifications issued or recognised by a Member State before the applicability of this Regulation shall be converted into Part-FCL licences by the Member State that issued the licence.
3. Non-JAR-compliant licences shall be converted into Part- FCL licences and associated ratings or certificates in accordance with:
 - (a) the provisions of Annex II; or
 - (b) the elements laid down in a conversion report.
4. The conversion report shall:
 - (a) be established by the Member State that issued the pilot licence in consultation with the European Aviation Safety Agency (the Agency);
 - (b) describe the national requirements on the basis of which the pilot licences were issued;
 - (c) describe the scope of the privileges that were given to the pilots;
 - (d) indicate for which requirements in Annex I credit is to be given;
 - (e) indicate any limitations that need to be included on the Part-FCL licences and any requirements the pilot has to comply with in order to remove those limitations.
5. The conversion report shall include copies of all documents necessary to demonstrate the elements set out in points (a) to (e) of paragraph 4, including copies of the relevant national requirements and procedures. When developing the conversion report, Member States shall aim at allowing pilots to, as far as possible, maintain their current scope of activities.
6. Notwithstanding paragraphs 1 and 3, holders of a class rating instructor certificate or an examiner certificate who have privileges for single-pilot high performance complex aircraft shall have those privileges converted into a type rating instructor certificate or an examiner certificate for single-pilot aeroplanes.
7. A Member State may authorise a student pilot to exercise limited privileges without supervision before he/she meets all the requirements necessary for the issuance of an LAPL under the following conditions:
 - (a) the privileges shall be limited to its national territory or a part of it;
 - (b) the privileges shall be restricted to a limited geographical area and to single-engine piston aeroplanes with a maximum take-off mass not exceeding 2 000 kg, and shall not include the carriage of passengers;
 - (c) those authorisations shall be issued on the basis of an individual safety risk assessment carried out by an instructor following a concept safety risk assessment carried out by the Member State;
 - (d) the Member State shall submit periodical reports to the Commission and the Agency every 3 years.

Article 5 Existing national pilots' medical certificates and aero- medical examiners certificates

1. JAR-compliant pilots' medical certificates and aero-medical examiners' certificates issued or recognised by a Member State before this Regulation applies shall be deemed to have been issued in accordance with this Regulation.
2. Member States shall replace pilots' medical certificates and aero-medical examiners' certificates with certificates complying with the format laid down in Part-ARA by 8 April 2017 at the latest.

3. Non-JAR-compliant pilot medical certificates and aero- medical examiners' certificates issued by a Member State before this Regulation applies shall remain valid until the date of their next revalidation or until 8 April 2017, whichever is the earlier.
4. The revalidation of the certificates referred to in paragraphs 1 and 2 shall comply with the provisions of Annex IV.

Article 6 Conversion of flight test qualifications

1. Pilots who before this Regulation applies conducted category 1 and 2 flight tests as defined in the Annex to Commission Regulation (EC) No 1702/2003 (1), or who provided instruction to flight test pilots, shall have their flight test qualifications converted into flight test ratings in accordance with Annex I to this Regulation and, where applicable, flight test instructor certificates by the Member State that issued the flight test qualifications.
2. This conversion shall be carried out in accordance with the elements established in a conversion report that complies with the requirements set out in Article 4(4) and (5).

Article 7 Existing national flight engineers' licences

1. In order to convert flight engineer licences, issued in accordance with Annex 1 to the Chicago Convention, into Part-FCL licences, holders shall apply to the Member State that issued the licences.
2. Flight engineer licences shall be converted into Part-FCL licences in accordance with a conversion report that complies with the requirements set out in Article 4(4) and (5).
3. When applying for the airline transport pilot licence (ATPL) for aeroplanes, the provisions on credit in FCL.510.A(c)(2) of Annex I shall be complied with.

Article 8 Conditions for the acceptance of licences from third countries

1. Without prejudice to Article 12 of Regulation (EC) No 216/2008 and where there are no agreements concluded between the Union and a third country covering pilot licensing, Member States may accept third country licences, and associated medical certificates issued by or on behalf of third countries, in accordance with the provisions of Annex III to this Regulation.
2. Applicants for Part-FCL licences already holding at least an equivalent licence, rating or certificate issued in accordance with Annex 1 to the Chicago Convention by a third country shall comply with all the requirements of Annex I to this Regulation, except that the requirements of course duration, number of lessons and specific training hours may be reduced.
3. The credit given to the applicant shall be determined by the Member State to which the pilot applies on the basis of a recommendation from an approved training organisation.
4. Holders of an ATPL issued by or on behalf of a third country in accordance with Annex 1 to the Chicago Convention who have completed the experience requirements for the issue of an ATPL in the relevant aircraft category as set out in Subpart F of Annex I to this Regulation may be given full credit as regards the requirements to undergo a training course prior to undertaking the theoretical knowledge examinations and the skill test, provided that the third country licence contains a valid type rating for the aircraft to be used for the ATPL skill test.
5. Aeroplane or helicopter type ratings may be issued to holders of Part-FCL licences that comply with the requirements for the issue of those ratings established by a third country. Such ratings will be restricted to aircraft registered in that third country. This restriction may be removed when the pilot complies with the requirements in point C.1 of Annex III.

Article 9 Credit for training commenced prior to the application of this Regulation

1. In respect of issuing Part-FCL licences in accordance with Annex I, training commenced prior to the application of this Regulation in accordance with the Joint Aviation Authorities requirements and procedures, under the regulatory oversight of a Member State recommended for mutual recognition

within the Joint Aviation Authorities' system in relation to the relevant JAR, shall be given full credit provided that the training and testing were completed by 8 April 2016 at the latest.

2. Training commenced prior to the application of this Regulation in accordance with Annex 1 to the Chicago Convention shall be given credit for the purposes of issuing Part-FCL licences on the basis of a credit report established by the Member State in consultation with the Agency.
3. The credit report shall describe the scope of the training, indicate for which requirements of Part-FCL licences credit is given and, if applicable, which requirements applicants need to comply with in order to be issued with Part-FCL licences. It shall include copies of all documents necessary to demonstrate the scope of the training and of the national regulations and procedures in accordance with which the training was commenced.

Article 10 Credit for pilot licences obtained during military service

1. In order for holders of military flight crew licences to obtain Part-FCL licences, they shall apply to the Member State where they served.
2. The knowledge, experience and skill gained in military service shall be given credit for the purposes of the relevant requirements of Annex I in accordance with the elements of a credit report established by the Member State in consultation with the Agency.
3. The credit report shall:
 - (a) describe the national requirements on the basis of which the military licences, ratings, certificates, authorisations and/or qualifications were issued;
 - (b) describe the scope of the privileges that were given to the pilots;
 - (c) indicate for which requirements of Annex I credit is to be given;
 - (d) indicate any limitations that need to be included on the Part-FCL licences and indicate any requirements pilots have to comply with to remove those limitations;
 - (e) include copies of all documents necessary to demonstrate the elements above, accompanied by copies of the relevant national requirements and procedures.

Article 11 Cabin crew medical fitness

1. Cabin crew members involved in the operation of aircraft referred to in Article 4(1)(b) and (c) of Regulation (EC) No 216/2008 shall comply with the technical requirements and administrative procedures laid down in Annex IV.
2. The medical examinations or assessments of cabin crew members that were conducted in accordance with Council Regulation (EEC) No 3922/91 (1) and which are still valid at the date of application of this Regulation shall be deemed to be valid according to this Regulation until the earlier of the following:
 - (a) the end of the validity period determined by the competent authority in accordance with Regulation (EEC) No 3922/91; or
 - (b) the end of the validity period provided for in point MED.C.005 of Annex IV.

The validity period shall be counted from the date of the last medical examination or assessment.

By the end of the validity period any subsequent aero-medical re-assessment shall be conducted in accordance with Annex IV.

Article 12 Entry into force and application

1. This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.
It shall apply from 8 April 2012.
2. By way of derogation from paragraph 1, Member States may decide not to apply the following provisions of Annex I until 8 April 2015:

- (a) the provisions related to pilot licences of powered-lift aircraft, airships, balloons and sailplanes;
 - (b) the provisions of Subpart B;
 - (c) the provisions of points FCL.800, FCL.805, FCL.815 and FCL.820;
 - (d) in the case of helicopters, the provisions of Section 8 of Subpart J;
 - (e) the provisions of Sections 10 and 11 of Subpart J.
3. By way of derogation from paragraph 1, Member States may decide not to convert non-JAR-compliant aeroplane and helicopter licences that they have issued until 8 April 2014. EN 25.11.2011 Official Journal of the European Union L 311/5
 4. By way of derogation from paragraph 1, Member States may decide not to apply the provisions of this Regulation to pilots holding a licence and associated medical certificate issued by a third country involved in the non-commercial operation of aircraft specified in Article 4(1)(b) or (c) of Regulation (EC) No 216/2008 until 8 April 2014.
 5. By way of derogation from paragraph 1, Member States may decide not to apply the provisions of Section 3 of Subpart B of Annex IV until 8 April 2015.
 6. By way of derogation from paragraph 1, Member States may decide not to apply the provisions of Subpart C of Annex IV until 8 April 2014.
 7. When a Member State makes use of the provisions of paragraphs 2 to 6 it shall notify the Commission and the Agency. This notification shall describe the reasons for such derogation as well as the programme for implementation containing actions envisaged and related timing.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 3 November 2011.

For the Commission

The President

José Manuel BARROSO

ANNEX I
[PART-FCL]

SUBPART A
GENERAL REQUIREMENTS

FCL.001 Competent authority

For the purpose of this Part, the competent authority shall be an authority designated by the Member State to whom a person applies for the issue of pilot licences or associated ratings or certificates.

FCL.005 Scope

This Part establishes the requirements for the issue of pilot licences and associated ratings and certificates and the conditions of their validity and use.

FCL.010 Definitions

For the purposes of this Part, the following definitions apply:

‘Aerobatic flight’ means an intentional manoeuvre involving an abrupt change in an aircraft’s attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight or for instruction for licences or ratings other than the aerobatic rating.

‘Aeroplane’ means an engine-driven fixed-wing aircraft heavier than air which is supported in flight by the dynamic reaction of the air against its wings.

‘Aircraft’ means any machine which can derive support in the atmosphere from the reactions of the air other than the reactions of the air against the earth’s surface.

‘Airmanship’ means the consistent use of good judgement and well-developed knowledge, skills and attitudes to accomplish flight objectives.

‘Basic Instrument Training Device’ (BITD) means a ground-based training device which represents the student pilot’s station of a class of aeroplanes. It may use screen-based instrument panels and spring-loaded flight controls, providing a training platform for at least the procedural aspects of instrument flight.

‘Category of aircraft’ means a categorisation of aircraft according to specified basic characteristics, for example aeroplane, powered-lift, helicopter, airship, sailplane, free balloon.

‘Competency’ means a combination of skills, knowledge and attitude required to perform a task to the prescribed standard.

‘Competency element’ means an action which constitutes a task that has a triggering event and a terminating event that clearly defines its limits, and an observable outcome.

‘Competency unit’ means a discrete function consisting of a number of competency elements.

‘Co-pilot’ means a pilot operating other than as pilot-in-command, on an aircraft for which more than one pilot is required, but excluding a pilot who is on board the aircraft for the sole purpose of receiving flight instruction for a licence or rating.

‘Cross-country’ means a flight between a point of departure and a point of arrival following a pre-planned route, using standard navigation procedures.

‘Dual instruction time’ means flight time or instrument ground time during which a person is receiving flight instruction from a properly authorised instructor.

‘Error’ means an action or inaction taken by the flight crew which leads to deviations from organisational or flight intentions or expectations.

‘Error management’ means the process of detecting and responding to errors with countermeasures which reduce or eliminate the consequences of errors, and mitigate the probability of errors or undesired aircraft states.

‘Full Flight Simulator’ (FFS) means a full size replica of a specific type or make, model and series aircraft flight deck, including the assemblage of all equipment and computer programmes necessary to represent the aircraft in ground and flight operations, a visual system providing an out-of-the-flight deck view, and a force cueing motion system.

‘Flight time’:

for aeroplanes, touring motor gliders and powered-lift, it means the total time from the moment an aircraft first moves for the purpose of taking off until the moment it finally comes to rest at the end of the flight; for sailplanes, it means the total time from the moment the sailplane commences the ground run in the process of taking off until the moment the sailplane finally comes to a rest at the end of flight;

‘Flight time under Instrument Flight Rules’ (IFR) means all flight time during which the aircraft is being operated under the Instrument Flight Rules.

‘Instrument flight time’ means the time during which a pilot is controlling an aircraft in flight solely by reference to instruments.

‘Instrument ground time’ means the time during which a pilot is receiving instruction in simulated instrument flight, in flight simulation training devices (FSTD).

‘Instrument time’ means instrument flight time or instrument ground time.

‘Night’ means the period between the end of evening civil twilight and the beginning of morning civil twilight or such other period between sunset and sunrise as may be prescribed by the appropriate authority, as defined by the Member State.

‘Performance criteria’ means a simple, evaluative statement on the required outcome of the competency element and a description of the criteria used to judge if the required level of performance has been achieved.

‘Pilot-in-command’ (PIC) means the pilot designated as being in command and charged with the safe conduct of the flight.

‘Pilot-in-command under supervision’ (PICUS) means a co-pilot performing, under the supervision of the pilot-in-command, the duties and functions of a pilot-in-command.

‘Powered-lift aircraft’ means any aircraft deriving vertical lift and in flight propulsion/lift from variable geometry rotors or engines/propulsive devices attached to or contained within the fuselage or wings.

‘Powered sailplane’ means an aircraft equipped with one or more engines having, with engines inoperative, the characteristics of a sailplane.

‘Private pilot’ means a pilot who holds a licence which prohibits the piloting of aircraft in operations for which remuneration is given, with the exclusion of instruction or examination activities, as established in this Part.

‘Proficiency check’ means the demonstration of skill to revalidate or renew ratings, and including such oral examination as may be required.

‘Renewal’ (of, e.g. a rating or certificate) means the administrative action taken after a rating or certificate has lapsed for the purpose of renewing the privileges of the rating or certificate for a further specified period consequent upon the fulfilment of specified requirements.

‘Revalidation’ (of, e.g. a rating or certificate) means the administrative action taken within the period of validity of a rating or certificate which allows the holder to continue to exercise the privileges of a rating or certificate for a further specified period consequent upon the fulfilment of specified requirements.

‘Route sector’ means a flight comprising take-off, departure, cruise of not less than 15 minutes, arrival, approach and landing phases.

‘Sailplane’ means a heavier-than-air aircraft which is supported in flight by the dynamic reaction of the air against its fixed lifting surfaces, the free flight of which does not depend on an engine.

‘Single-pilot aircraft’ means an aircraft certificated for operation by one pilot.

‘Skill test’ means the demonstration of skill for a licence or rating issue, including such oral examination as may be required.

‘Solo flight time’ means flight time during which a student pilot is the sole occupant of an aircraft.

‘Student pilot-in-command’ (SPIC) means a student pilot acting as pilot-in-command on a flight with an instructor where the latter will only observe the student pilot and shall not influence or control the flight of the aircraft.

‘Threat’ means events or errors which occur beyond the influence of the flight crew, increase operational complexity and which must be managed to maintain the margin of safety.

‘Threat management’ means the process of detecting and responding to the threats with countermeasures which reduce or eliminate the consequences of threats, and mitigate the probability of errors or undesired aircraft states.

‘Touring Motor Glider’ (TMG) means a specific class of powered sailplane having an integrally mounted, non-retractable engine and a non-retractable propeller. It shall be capable of taking off and climbing under its own power according to its flight manual.

‘Type of aircraft’ means a categorisation of aircraft requiring a type rating as determined in the operational suitability data established in accordance with Part-21, and which include all aircraft of the same basic design including all modifications thereto except those which result in a change in handling or flight characteristics.

FCL.015 Application and issue of licences, ratings and certificates

- (a) An application for the issue, revalidation or renewal of pilot licences and associated ratings and certificates shall be submitted to the competent authority in a form and manner established by this authority. The application shall be accompanied by evidence that the applicant complies with the requirements for the issue, revalidation or renewal of the licence or certificate as well as associated ratings or endorsements, established in this Part and Part-Medical.
- (b) Any limitation or extension of the privileges granted by a licence, rating or certificate shall be endorsed in the licence or certificate by the competent authority.
- (c) A person shall not hold at any time more than one licence per category of aircraft issued in accordance with this Part.
- (d) An application for the issue of a licence for another category of aircraft, or for the issue of further ratings or certificates, as well as an amendment, revalidation or renewal of those licences, ratings or certificates shall be submitted to the competent authority which initially issued the pilot licence, except when the pilot has requested a change of competent authority and a transfer of his licensing and medical records to that authority.

FCL.020 Student pilot

A student pilot shall not fly solo unless authorised to do so and supervised by a flight instructor.

Before his/her first solo flight, a student pilot shall be at least:

- in the case of aeroplanes, helicopters and airships: 16 years of age;
- in the case of sailplanes and balloons: 14 years of age.

FCL.025 Theoretical knowledge examinations for the issue of licences

(a) Responsibilities of the applicant

- (1) Applicants shall take the entire set of examinations for a specific licence or rating under the responsibility of one Member State.
- (2) Applicants shall only take the examination when recommended by the approved training organisation (ATO) responsible for their training, once they have completed the appropriate elements of the training course of theoretical knowledge instruction to a satisfactory standard.
- (3) The recommendation by an ATO shall be valid for 12 months. If the applicant has failed to attempt at least one theoretical knowledge examination paper within this period of validity, the need for further training shall be determined by the ATO, based on the needs of the applicant.

(b) Pass standards

- (1) A pass in an examination paper will be awarded to an applicant achieving at least 75 % of the marks allocated to that paper. There is no penalty marking.
- (2) Unless otherwise determined in this Part, an applicant has successfully completed the required theoretical knowledge examination for the appropriate pilot licence or rating when he/she has passed all the required examination papers within a period of 18 months counted from the end of the calendar month when the applicant first attempted an examination.
- (3) If an applicant has failed to pass one of the examination papers within 4 attempts, or has failed to pass all papers within either 6 sittings or the period mentioned in paragraph (2), he/she shall re-take the complete set of examination papers.
Before re-taking the examinations, the applicant shall undertake further training at an ATO. The extent and scope of the training needed shall be determined by the training organisation, based on the needs of the applicant.

(c) *Validity period*

- (1) The successful completion of the theoretical knowledge examinations will be valid:
 - (i) for the issue of a light aircraft pilot licence, a private pilot licence, a sailplane pilot licence or a balloon pilot licence, for a period of 24 months;
 - (ii) for the issue of a commercial pilot licence or instrument rating (IR), for a period of 36 months;
 - (iii) the periods in (i) and (ii) shall be counted from the day when the pilot successfully completes the theoretical knowledge examination, in accordance with (b)(2).
- (2) The completion of the airline transport pilot licence (ATPL) theoretical knowledge examinations will remain valid for the issue of an ATPL for a period of 7 years from the last validity date of:
 - (i) an IR entered in the licence; or
 - (ii) in the case of helicopters, a helicopter's type rating entered in that licence.

FCL.030 Practical skill test

- (a) Before a skill test for the issue of a licence, rating or certificate is taken, the applicant shall have passed the required theoretical knowledge examination, except in the case of applicants undergoing a course of integrated flying training.
In any case, the theoretical knowledge instruction shall always have been completed before the skill tests are taken.
- (b) Except for the issue of an airline transport pilot licence, the applicant for a skill test shall be recommended for the test by the organisation/person responsible for the training, once the training is completed. The training records shall be made available to the examiner.

FCL.035 Crediting of flight time and theoretical knowledge

(a) *Crediting of flight time*

- (1) Unless otherwise specified in this Part, flight time to be credited for a licence, rating or certificate shall have been flown in the same category of aircraft for which the licence or rating is sought.
- (2) Pilot-in command or under instruction.
 - (i) An applicant for a licence, rating or certificate shall be credited in full with all solo, dual instruction or PIC flight time towards the total flight time required for the licence, rating or certificate.
 - (ii) A graduate of an ATP integrated training course is entitled to be credited with up to 50 hours of student pilot-in-command instrument time towards the PIC time required for the issue of the airline transport pilot licence, commercial pilot licence and a multi-engine type or class rating.
 - (iii) A graduate of a CPL/IR integrated training course is entitled to be credited with up to 50 hours of the student pilot-in-command instrument time towards the PIC time required for the issue of the commercial pilot licence and a multi-engine type or class rating.
- (3) Flight time as co-pilot. Unless otherwise determined in this Part, the holder of a pilot licence, when acting as co-pilot or PICUS, is entitled to be credited with all of the co-pilot time towards the total flight time required for a higher grade of pilot licence.

(b) *Crediting of theoretical knowledge*

- (1) An applicant having passed the theoretical knowledge examination for an airline transport pilot licence shall be credited with the theoretical knowledge requirements for the light aircraft pilot licence, the private pilot licence, the commercial pilot licence and, except in the case of helicopters, the IR in the same category of aircraft.
- (2) An applicant having passed the theoretical knowledge examination for a commercial pilot licence shall be credited with the theoretical knowledge requirement for a light aircraft pilot licence or a private pilot licence in the same category of aircraft.
- (3) The holder of an IR or an applicant having passed the instrument theoretical knowledge examination for a category of aircraft shall be fully credited towards the requirements for the theoretical knowledge instruction and examination for an IR in another category of aircraft.
- (4) The holder of a pilot licence shall be credited towards the requirements for theoretical knowledge instruction and examination for a licence in another category of aircraft in accordance with Appendix 1 to this Part.

This credit also applies to applicants for a pilot licence who have already successfully completed the theoretical knowledge examinations for the issue of that licence in another category of aircraft, as long as it is within the validity period specified in FCL.025(c).

FCL.040 Exercise of the privileges of licences

The exercise of the privileges granted by a licence shall be dependent upon the validity of the ratings contained therein, if applicable, and of the medical certificate.

FCL.045 Obligation to carry and present documents

- (a) A valid licence and a valid medical certificate shall always be carried by the pilot when exercising the privileges of the licence.
- (b) The pilot shall also carry a personal identification document containing his/her photo.
- (c) A pilot or a student pilot shall without undue delay present his/her flight time record for inspection upon request by an authorised representative of a competent authority.
- (d) A student pilot shall carry on all solo cross-country flights evidence of the authorisation required by FCL.020(a).

FCL.050 Recording of flight time

The pilot shall keep a reliable record of the details of all flights flown in a form and manner established by the competent authority.

FCL.055 Language proficiency

- (a) General. Aeroplane, helicopter, powered-lift and airship pilots required to use the radio telephone shall not exercise the privileges of their licences and ratings unless they have a language proficiency endorsement on their licence in either English or the language used for radio communications involved in the flight. The endorsement shall indicate the language, the proficiency level and the validity date.

FCL.060 Recent experience

- (a) Balloons.
- (b) Aeroplanes, helicopters, powered-lift, airships and sailplanes. A pilot shall not operate an aircraft in commercial air transport or carrying passengers:
 - (1) as PIC or co-pilot unless he/she has carried out, in the preceding 90 days, at least 3 take-offs, approaches and landings in an aircraft of the same type or class or an FFS representing that type or class. The 3 take-offs and landings shall be performed in either multi-pilot or single-pilot operations, depending on the privileges held by the pilot; and
 - (2) as PIC at night unless he/she:
 - (3) as cruise relief co-pilot unless he/she:
 - (4) When a pilot has the privilege to operate more than one type of aeroplane with similar handling and operation characteristics ...
 - (5) When a pilot has the privilege to operate more than one type of non-complex helicopter with similar handling and operation characteristics ...
- (c) Specific requirements for commercial air transport:

FCL.065 Curtailment of privileges of licence holders aged 60 years or more in commercial air transport ...

FCL.070 Revocation, suspension and limitation of licences, ratings and certificates

- (a) Licences, ratings and certificates issued in accordance with this Part may be limited, suspended or revoked by the competent authority when the pilot does not comply with the requirements of this Part, Part-Medical or the applicable operational requirements, in accordance with the conditions and procedures laid down in Part-ARA.
- (b) When the pilot has his/her licence suspended or revoked, he/she shall immediately return the licence or certificate to the competent authority.

SUBPART B
LIGHT AIRCRAFT PILOT LICENCE — LAPL

SECTION 1
Common requirements

FCL.100 LAPL — Minimum age

Applicants for the LAPL shall be:

- (a) in the case of aeroplanes and helicopters, at least 17 years of age;
- (b) in the case of sailplanes and balloons, at least 16 years of age.

FCL.105 LAPL — Privileges and conditions

- (a) General. The privileges of the holder of an LAPL are to act without remuneration as PIC in non-commercial operations on the appropriate aircraft category.
- (b) Conditions. Applicants for the LAPL shall have fulfilled the requirements for the relevant aircraft category and, when applicable, for the class or type of aircraft used in the skill test.

FCL.110 LAPL — Crediting for the same aircraft category

- (a) Applicants for an LAPL who have held another licence in the same category of aircraft shall be fully credited towards the requirements of the LAPL in that category of aircraft.
- (b) Without prejudice to the paragraph above, if the licence has lapsed, the applicant shall have to pass a skill test in accordance with FCL.125 for the issue of an LAPL in the appropriate aircraft category.

FCL.115 LAPL — Training course

Applicants for an LAPL shall complete a training course within an ATO. The course shall include theoretical knowledge and flight instruction appropriate to the privileges given.

FCL.120 LAPL — Theoretical knowledge examination

Applicants for an LAPL shall demonstrate a level of theoretical knowledge appropriate to the privileges granted, through examinations on the following:

- (a) common subjects:
 - Air law,
 - Human performance,
 - Meteorology, and
 - Communications;
- (b) specific subjects concerning the different aircraft categories:
 - Principles of flight,
 - Operational procedures,
 - Flight performance and planning,
 - Aircraft general knowledge, and
 - Navigation.

FCL.125 LAPL — Skill test

- (a) Applicants for an LAPL shall demonstrate through the completion of a skill test the ability to perform, as PIC on the appropriate aircraft category, the relevant procedures and manoeuvres with competency appropriate to the privileges granted.
- (b) Applicants for the skill test shall have received flight instruction on the same class or type of aircraft to be used for the skill test. The privileges will be restricted to the class or type used for the skill test until further extensions are endorsed on the licence, in accordance with this Subpart.
- (c) *Pass marks*
 - (1) The skill test shall be divided into different sections, representing all the different phases of flight appropriate to the category of aircraft flown.
 - (2) Failure in any item of a section will cause the applicant to fail the entire section. If the applicant fails only 1 section, he/she shall repeat only that section. Failure in more than 1 section will cause the applicant to fail the entire test.

- (3) When the test needs to be repeated in accordance with (2), failure in any section, including those that have been passed on a previous attempt, will cause the applicant to fail the entire test.
- (4) Failure to achieve a pass in all sections of the test in 2 attempts will require further practical training.

SECTION 2

Specific requirements for the LAPL for aeroplanes — LAPL(A)

...

SECTION 3

Specific requirements for the LAPL for helicopters — LAPL(H)

...

SECTION 4

Specific requirements for the LAPL for sailplanes — LAPL(S)

FCL.105.S LAPL(S) — Privileges and conditions

- (a) The privileges of the holder of an LAPL for sailplanes are to act as PIC on sailplanes and powered sailplanes. In order to exercise the privileges on a TMG, the holder shall comply with the requirements in FCL.135.S.
- (b) Holders of an LAPL(S) shall only carry passengers after they have completed, after the issuance of the licence, 10 hours of flight time or 30 launches as PIC on sailplanes or powered sailplanes.

FCL.110.S LAPL(S) — Experience requirements and crediting

- (a) Applicants for an LAPL(S) shall have completed at least 15 hours of flight instruction in sailplanes, or powered sailplanes, including at least:
 - (1) 10 hours of dual flight instruction;
 - (2) 2 hours of supervised solo flight time;
 - (3) 45 launches and landings;
 - (4) 1 solo cross-country flight of at least 50 km (27 NM) or 1 dual cross-country flight of at least 100 km (55 NM).
- (b) Of the 15 hours required in (a), a maximum of 7 hours may be completed in a TMG.
- (c) Crediting. Applicants with prior experience as PIC may be credited towards the requirements in (a). The amount of credit shall be decided by the ATO where the pilot undergoes the training course, on the basis of a pre-entry flight test, but shall in any case:
 - (1) not exceed the total flight time as PIC;
 - (2) not exceed 50 % of the hours required in (a);
 - (3) not include the requirements in (a)(2) to (a)(4).

FCL.130.S LAPL(S) — Launch methods

- (a) The privileges of the LAPL(S) shall be limited to the launch method included in the skill test. This limitation may be removed when the pilot has completed:
 - (1) in the case of winch launch and car launch, a minimum of 10 launches in dual flight instruction, and 5 solo launches under supervision;
 - (2) in the case of aero tow or self launch, a minimum of 5 launches in dual flight instruction, and 5 solo launches under supervision. In the case of self launch, dual flight instruction may be done in a TMG;
 - (3) in the case of bungee launch, a minimum of 3 launches performed in dual flight instruction or solo under supervision.
- (b) The completion of the additional training launches shall be entered in the logbook and signed by the instructor.

- (c) In order to maintain their privileges in each launch method, pilots shall complete a minimum of 5 launches during the last 24 months, except for bungee launch, in which case pilots shall have completed only 2 launches.
- (d) When the pilot does not comply with the requirement in (c), he/she shall perform the additional number of launches flying dual or solo under the supervision of an instructor in order to renew the privileges.

FCL.135.S LAPL(S) — Extension of privileges to TMG

The privileges of an LAPL(S) shall be extended to a TMG when the pilot has completed in an ATO, at least:

- (a) 6 hours of flight instruction on a TMG, including:
 - (1) 4 hours of dual flight instruction;
 - (2) 1 solo cross-country flight of at least 150 km (80 NM), during which 1 full stop landing at an aerodrome different from the aerodrome of departure shall be performed;
- (b) a skill test to demonstrate an adequate level of practical skill in a TMG. During this skill test, the applicant shall also demonstrate to the examiner an adequate level of theoretical knowledge for the TMG in the following subjects:
 - Principles of flight,
 - Operational procedures,
 - Flight performance and planning,
 - Aircraft general knowledge,
 - Navigation.

FCL.140.S LAPL(S) — Recency requirements

- (a) Sailplanes and powered sailplanes. Holders of an LAPL(S) shall only exercise the privileges of their licence on sailplanes or powered sailplanes when they have completed on sailplanes or powered sailplanes, excluding TMGs, in the last 24 months, at least:
 - (1) 5 hours of flight time as PIC, including 15 launches;
 - (2) 2 training flights with an instructor.
- (b) TMG. Holders of an LAPL(S) shall only exercise the privileges of their licence on a TMG when they have:
 - (1) completed on TMGs in the last 24 months:
 - (i) at least 12 hours of flight time as PIC, including 12 take-offs and landings; and
 - (ii) refresher training of at least 1 hour total flight time with an instructor.
 - (2) When the holder of the LAPL(S) also has the privileges to fly aeroplanes, the requirements in (1) may be completed on aeroplanes.
- (c) Holders of an LAPL(S) who do not comply with the requirements in (a) or (b) shall, before they resume the exercise of their privileges:
 - (1) pass a proficiency check with an examiner on a sailplane or a TMG, as appropriate; or
 - (2) perform the additional flight time or take-offs and landings, flying dual or solo under the supervision of an instructor, in order to fulfil the requirements in (a) or (b).

SECTION 5

Specific requirements for the LAPL for balloons — LAPL(B)

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SUBPART C
***PRIVATE PILOT LICENCE (PPL), SAILPLANE PILOT LICENCE (SPL) AND
BALLOON PILOT LICENCE (BPL)***

*SECTION 1
Common requirements*

FCL.200 Minimum age

- (a) An applicant for a PPL shall be at least 17 years of age;
- (b) An applicant for a BPL or an SPL shall be at least 16 years of age.

FCL.205 Conditions

Applicants for the issue of a PPL shall have fulfilled the requirements for the class or type rating for the aircraft used in the skill test, as established in Subpart H.

FCL.210 Training course

Applicants for a BPL, SPL or PPL shall complete a training course at an ATO. The course shall include theoretical knowledge and flight instruction appropriate to the privileges given.

FCL.215 Theoretical knowledge examination

Applicants for a BPL, SPL or PPL shall demonstrate a level of theoretical knowledge appropriate to the privileges granted through examinations in the following subjects:

- (a) common subjects:
 - Air law,
 - Human performance,
 - Meteorology, and
 - Communications;
- (b) specific subjects concerning the different aircraft categories:
 - Principles of flight,
 - Operational procedures,
 - Flight performance and planning,
 - Aircraft general knowledge, and
 - Navigation.

FCL.235 Skill test

- (a) Applicants for a BPL, SPL or PPL shall demonstrate through the completion of a skill test the ability to perform, as PIC on the appropriate aircraft category, the relevant procedures and manoeuvres with competency appropriate to the privileges granted.
- (b) An applicant for the skill test shall have received flight instruction on the same class or type of aircraft, or a group of balloons to be used for the skill test.
- (c) Pass marks
 - (1) The skill test shall be divided into different sections, representing all the different phases of flight appropriate to the category of aircraft flown.
 - (2) Failure in any item of a section will cause the applicant to fail the entire section. Failure in more than 1 section will cause the applicant to fail the entire test. If the applicant fails only 1 section, he/she shall repeat only that section.

- (3) When the test needs to be repeated in accordance with (2), failure in any section, including those that have been passed on a previous attempt, will cause the applicant to fail the entire test.
- (4) Failure to achieve a pass in all sections of the test in 2 attempts will require further training.

SECTION 2

Specific requirements for the PPL aeroplanes — PPL(A)

...

SECTION 3

Specific requirements for the PPL helicopters — PPL(H)

...

SECTION 4

Specific requirements for the PPL airships — PPL(As)

...

SECTION 5

Specific requirements for the sailplane pilot licence (SPL)

FCL.205.S SPL — Privileges and conditions

- (a) The privileges of the holder of an SPL are to act as PIC on sailplanes and powered sailplanes. In order to exercise the privileges on a TMG, the holder shall have to comply with the requirements in FCL.135.S.
- (b) Holders of an SPL shall:
 - (1) carry passengers only when having completed, after the issuance of the licence, at least 10 hours of flight time or 30 launches as PIC on sailplanes or powered sailplanes;
 - (2) be restricted to act without remuneration in non-commercial operations until they have:
 - (i) attained the age of 18 years;
 - (ii) completed, after the issuance of the licence, 75 hours of flight time or 200 launches as PIC on sailplanes or powered sailplanes;
 - (iii) passed a proficiency check with an examiner.
- (c) Notwithstanding (b)(2), the holder of an SPL with instructor or examiner privileges may receive remuneration for:
 - the provision of flight instruction for the LAPL(S) or the SPL;
 - the conduct of skill tests and proficiency checks for these licences;
 - the ratings and certificates attached to these licences.

FCL.210.S SPL — Experience requirements and crediting

- (a) Applicants for an SPL shall have completed at least 15 hours of flight instruction on sailplanes or powered sailplanes, including at least the requirements specified in FCL.110.S.
- (b) Applicants for an SPL holding an LAPL(S) shall be fully credited towards the requirements for the issue of an SPL.

Applicants for an SPL who held an LAPL(S) within the period of 2 years before the application shall be fully credited towards the requirements of theoretical knowledge and flight instruction.

Crediting. Applicants holding a pilot licence for another category of aircraft, with the exception of balloons, shall be credited with 10 % of their total flight time as PIC on such aircraft up to a maximum of 7 hours. The amount of credit given shall in any case not include the requirements in of FCL.110.S(a)(2) to (a)(4).

FCL.220.S SPL — Launch methods

The privileges of the SPL shall be limited to the launch method included in the skill test. This limitation may be removed and the new privileges exercised when the pilot complies with the requirements in FCL.130.S.

FCL.230.S SPL — Recency requirements

Holders of an SPL shall only exercise the privileges of their licence when complying with the recency requirements in FCL.140.S.

SECTION 6

Specific requirements for the balloon pilot licence (BPL)

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SUBPART D
COMMERCIAL PILOT LICENCE — CPL

...

SUBPART E
MULTI-CREW PILOT LICENCE — MPL

...

SUBPART F
AIRLINE TRANSPORT PILOT LICENCE — ATPL

...

SUBPART G
INSTRUMENT RATING — IR

...

SUBPART H
CLASS AND TYPE RATINGS

...

SUBPART I
ADDITIONAL RATINGS

FCL.800 Aerobatic rating

- (a) Holders of a pilot licence for aeroplanes, TMG or sailplanes shall only undertake aerobatic flights when they hold the appropriate rating.
- (b) Applicants for an aerobatic rating shall have completed:
 - (1) at least 40 hours of flight time or, in the case of sailplanes, 120 launches as PIC in the appropriate aircraft category, completed after the issue of the licence;
 - (2) a training course at an ATO, including:
 - (i) theoretical knowledge instruction appropriate for the rating;
 - (ii) at least 5 hours or 20 flights of aerobatic instruction in the appropriate aircraft category.
- (c) The privileges of the aerobatic rating shall be limited to the aircraft category in which the flight instruction was completed. The privileges will be extended to another category of aircraft if the pilot holds a licence for that aircraft category and has successfully completed at least 3 dual training flights covering the full aerobatic training syllabus in that category of aircraft.

FCL.805 Sailplane towing and banner towing ratings

- (a) Holders of a pilot licence with privileges to fly aeroplanes or TMGs shall only tow sailplanes or banners when they hold the appropriate sailplane towing or banner towing rating.
- (b) Applicants for a sailplane towing rating shall have completed:
 - (1) at least 30 hours of flight time as PIC and 60 take-offs and landings in aeroplanes, if the activity is to be carried out in aeroplanes, or in TMGs, if the activity is to be carried out in TMGs, completed after the issue of the licence;
 - (2) a training course at an ATO including:
 - (i) theoretical knowledge instruction on towing operations and procedures;
 - (ii) at least 10 instruction flights towing a sailplane, including at least 5 dual instruction flights; and
 - (iii) except for holders of an LAPL(S) or an SPL, 5 familiarisation flights in a sailplane which is launched by an aircraft.
- (c) Applicants for a banner towing rating shall have completed...
- (d) The privileges of the sailplane and banner towing ratings shall be limited to aeroplanes or TMG, depending on which aircraft the flight instruction was completed. The privileges will be extended if the pilot holds a licence for aeroplanes or TMG and has successfully completed at least 3 dual training flights covering the full towing training syllabus in either aircraft, as relevant.
- (e) In order to exercise the privileges of the sailplane or banner towing ratings, the holder of the rating shall have completed a minimum of 5 tows during the last 24 months.
- (f) When the pilot does not comply with the requirement in (e), before resuming the exercise of his/her privileges, the pilot shall complete the missing tows with or under the supervision of an instructor.

FCL.810 Night rating

- (a) Aeroplanes, TMGs, airships.
 - (1) If the privileges of an LAPL or a PPL for aeroplanes, TMGs or airships are to be exercised in VFR conditions at night, applicants shall have completed a training course at an ATO. The course shall comprise:
 - (i) theoretical knowledge instruction;
 - (ii) at least 5 hours of flight time in the appropriate aircraft category at night, including at least 3 hours of dual instruction, including at least 1 hour of cross-country navigation with at least one dual cross-country flight of at least 50 km and 5 solo take-offs and 5 solo full-stop landings.
 - (2) Before completing the training at night, LAPL holders shall have completed the basic instrument flight training required for the issue of the PPL.
 - (3) When applicants hold both a single-engine piston aeroplane (land) and a TMG class rating, they may complete the requirements in (1) above in either class or both classes.
- (b) Helicopters...

FCL.815 Mountain rating

- (a) Privileges. The privileges of the holder of a mountain rating are to conduct flights with aeroplanes or TMG to and from surfaces designated as requiring such a rating by the appropriate authorities designated by the Member States.

The initial mountain rating may be obtained either on:

- (1) wheels, to grant the privilege to fly to and from such surfaces when they are not covered by snow; or
 - (2) skis, to grant the privilege to fly to and from such surfaces when they are covered by snow.
 - (3) The privileges of the initial rating may be extended to either wheel or ski privileges when the pilot has undertaken an appropriate additional familiarisation course, including theoretical knowledge instruction and flight training, with a mountain flight instructor.
- (b) Training course. Applicants for a mountain rating shall have completed, within a period of 24 months, a course of theoretical knowledge instruction and flight training at an ATO. The content of the course shall be appropriate to the privileges sought.
- (c) Skill test. After the completion of the training, the applicant shall pass a skill test with an FE qualified for this purpose. The skill test shall contain:
- (1) a verbal examination of theoretical knowledge;
 - (2) 6 landings on at least 2 different surfaces designated as requiring a mountain rating other than the surface of departure.
- (d) Validity. A mountain rating shall be valid for a period of 24 months.
- (e) Revalidation. For revalidation of a mountain rating, the applicant shall:
- (1) have completed at least 6 mountain landings in the past 24 months; or
 - (2) pass a proficiency check. The proficiency check shall comply with the requirements in (c).
- (f) Renewal. If the rating has lapsed, the applicant shall comply with the requirement in (e)(2).

FCL.820 Flight test rating

- (a) Holders of a pilot licence for aeroplanes or helicopters shall only act as PIC in category 1 or 2 flight tests, as defined in Part-21, when they hold a flight test rating...

SUBPART J
INSTRUCTORS

SECTION 1

Common requirements

FCL.900 Instructor certificates

- (a) General. A person shall only carry out:
- (1) flight instruction in aircraft when he/she holds:
 - (i) a pilot licence issued or accepted in accordance with this Regulation;
 - (ii) an instructor certificate appropriate to the instruction given, issued in accordance with this Subpart;
 - (2) synthetic flight instruction or MCC instruction when he/she holds an instructor certificate appropriate to the instruction given, issued in accordance with this Subpart.
- (b) Special conditions:
- (1) In the case of introduction of new aircraft in the Member States or in an operator's fleet, when compliance with the requirements established in this Subpart is not possible, the competent authority may issue a specific certificate giving privileges for flight instruction. Such a certificate shall be limited to the instruction flights necessary for the introduction of the new type of aircraft and its validity shall not, in any case, exceed 1 year.
 - (2) Holders of a certificate issued in accordance with (b)(1) who wish to apply for the issue of an instructor certificate shall comply with the prerequisites and revalidation requirements established for that category of instructor.
- (c) Instruction outside the territory of the Member States:
- (1) Notwithstanding paragraph (a), in the case of flight instruction provided in an ATO located outside the territory of the Member States, the competent authority may issue an instructor certificate to an applicant holding a pilot licence issued by a third country in accordance with Annex 1 to the Chicago Convention, provided that the applicant:
 - (i) holds at least an equivalent licence, rating, or certificate to the one for which they are authorised to instruct and in any case at least a CPL;
 - (ii) complies with the requirements established in this Subpart for the issue of the relevant instructor certificate;
 - (iii) demonstrates to the competent authority an adequate level of knowledge of European aviation safety rules to be able to exercise instructional privileges in accordance with this Part.
 - (2) The certificate shall be limited to providing flight instruction:
 - (i) in ATOs located outside the territory of the Member States;
 - (ii) to student pilots who have sufficient knowledge of the language in which flight instruction is given.

FCL.915 General prerequisites and requirements for instructors

- (a) General. An applicant for an instructor certificate shall be at least 18 years of age.
- (b) Additional requirements for instructors providing flight instruction in aircraft. An applicant for or the holder of an instructor certificate with privileges to conduct flight instruction in an aircraft shall:
- (1) hold at least the licence and, where relevant, the rating for which flight instruction is to be given;
 - (2) except in the case of the flight test instructor, have:
 - (i) completed at least 15 hours of flight as a pilot on the class or type of aircraft on which flight instruction is to be given, of which a maximum of 7 hours may be in an FSTD representing the class or type of aircraft, if applicable; or
 - (ii) passed an assessment of competence for the relevant category of instructor on that class or type of aircraft;
 - (3) be entitled to act as PIC on the aircraft during such flight instruction.
- (c) Credit towards further ratings and for the purpose of revalidation:
- (1) Applicants for further instructor certificates may be credited with the teaching and learning skills already demonstrated for the instructor certificate held.

- (2) Hours flown as an examiner during skill tests or proficiency checks shall be credited in full towards revalidation requirements for all instructor certificates held.

FCL.920 Instructor competencies and assessment

All instructors shall be trained to achieve the following competences:

- Prepare resources,
- Create a climate conducive to learning,
- Present knowledge,
- Integrate Threat and Error Management (TEM) and crew resource management,
- Manage time to achieve training objectives,
- Facilitate learning,
- Assess trainee performance,
- Monitor and review progress,
- Evaluate training sessions,
 - Report outcome.

FCL.925 Additional requirements for instructors for the MPL

- (a) Instructors conducting training for the MPL shall ...

FCL.930 Training course

Applicants for an instructor certificate shall have completed a course of theoretical knowledge and flight instruction at an ATO. In addition to the specific elements prescribed in this Part for each category of instructor, the course shall contain the elements required in FCL.920.

FCL.935 Assessment of competence

- (a) Except for the multi-crew cooperation instructor (MCCI), the synthetic training instructor (STI), the mountain rating instructor (MI) and the flight test instructor (FTI), an applicant for an instructor certificate shall pass an assessment of competence in the appropriate aircraft category to demonstrate to an examiner qualified in accordance with Subpart K the ability to instruct a student pilot to the level required for the issue of the relevant licence, rating or certificate.
- (b) This assessment shall include:
- (1) the demonstration of the competencies described in FCL.920, during pre-flight, post-flight and theoretical knowledge instruction;
 - (2) oral theoretical examinations on the ground, pre-flight and post-flight briefings and in-flight demonstrations in the appropriate aircraft class, type or FSTD;
- (3) exercises adequate to evaluate the instructor's competencies.
- (c) The assessment shall be performed on the same class or type of aircraft or FSTD used for the flight instruction.
- (d) When an assessment of competence is required for revalidation of an instructor certificate, an applicant who fails to achieve a pass in the assessment before the expiry date of an instructor certificate shall not exercise the privileges of that certificate until the assessment has successfully been completed.

FCL.940 Validity of instructor certificates

With the exception of the MI, and without prejudice to FCL.900(b)(1), instructor certificates shall be valid for a period of 3 years.

SECTION 2

Specific requirements for the flight instructor — FI

FCL.905.FI FI — Privileges and conditions

The privileges of an FI are to conduct flight instruction for the issue, revalidation or renewal of:

- (a) a PPL, SPL, BPL and LAPL in the appropriate aircraft category;
- (b) class and type ratings for single-pilot, single-engine aircraft, except for single-pilot high performance complex aeroplanes; class and group extensions for balloons and class extensions for sailplanes;

- (c) type ratings for single or multi-pilot airship;
- (d) a CPL in the appropriate aircraft category, provided that the FI has ...
- (e) the night rating, provided that the FI:
 - (1) is qualified to fly at night in the appropriate aircraft category;
 - (2) has demonstrated the ability to instruct at night to an FI qualified in accordance with (i) below; and
 - (3) complies with the night experience requirement of FCL.060(b)(2);
- (f) a towing or aerobatic rating, provided that such privileges are held and the FI has demonstrated the ability to instruct for that rating to an FI qualified in accordance with (i) below;
- (g) an IR in the appropriate aircraft category provided that the FI has ...
- (h) single-pilot multi-engine class or type ratings provided that the FI has ...
- (i) an FI, IRI, CRI, STI or MI certificate provided that the FI has...
- (j) an MPL, provided that the FI has...

FCL.910.FI FI — Restricted privileges

- (a) An FI shall have his/her privileges limited to conducting flight instruction under the supervision of an FI for the same category of aircraft nominated by the ATO for this purpose, in the following cases:
 - (1) for the issue of the PPL, SPL, BPL and LAPL;
 - (2) in all integrated courses at PPL level, in case of aeroplanes and helicopters;
 - (3) for class and type ratings for single-pilot, single-engine aircraft, class and group extensions in the case of balloons and class extensions in the case of sailplanes;
 - (4) for the night, towing or aerobatic ratings.
- (b) While conducting training under supervision, in accordance with (a), the FI shall not have the privilege to authorise student pilots to conduct first solo flights and first solo cross-country flights.
- (c) The limitations in (a) and (b) shall be removed from the FI certificate when the FI has completed at least:
 - (1) for the FI(A) ...
 - (2) for the FI(H) ...
 - (3) for the FI(As), FI(S) and FI(B), 15 hours or 50 take-offs of flight instruction covering the full training syllabus for the issue of a PPL(As), SPL or BPL in the appropriate aircraft category.

FCL.915.FI FI — Prerequisites

An applicant for an FI certificate shall:

- (a) in the case of the FI(A) and FI(H)...
- (b) additionally, for the FI(A)...
- (c) additionally, for the FI(H)...
- (d) for an FI(As) ...
- (e) for an FI(S), have completed 100 hours of flight time and 200 launches as PIC on sailplanes.
Additionally, where the applicant wishes to give flight instruction on TMGs, he/she shall have completed 30 hours of flight time as PIC on TMGs and an additional assessment of competence on a TMG in accordance with FCL.935 with an FI qualified in accordance with FCL.905.FI(j);
- (f) for an FI(B)...

FCL.930.FI FI — Training course

- (a) Applicants for the FI certificate shall have passed a specific pre-entry flight test with an FI qualified in accordance with FCL.905.FI(i) within the 6 months preceding the start of the course, to assess their ability to undertake the course. This pre-entry flight test shall be based on the proficiency check for class and type ratings as set out in Appendix 9 to this Part.
- (b) The FI training course shall include:
 - (1) 25 hours of teaching and learning;
 - (2) (i) in the case of an FI(A), (H) and (As) ...
(ii) in the case of an FI(B) or FI(S), at least 30 hours of theoretical knowledge instruction, including progress tests;
 - (3) (i) in the case of an FI(A) and (H) ...
(ii) in the case of an FI(As) ...
(iii) in the case of an FI(S), at least 6 hours or 20 take-offs of flight instruction;
(iv) in the case of an FI(S) providing training on TMGs, at least 6 hours of dual flight instruction on TMGs;

(v) in the case of an FI(B) ...

When applying for an FI certificate in another category of aircraft, pilots holding or having held an FI(A), (H) or (As) shall be credited with 55 hours towards the requirement in (b)(2)(i) or with 18 hours towards the requirements in (b)(2)(ii).

FCL.940.FI FI — Revalidation and renewal

- (a) For revalidation of an FI certificate, the holder shall fulfil 2 of the following 3 requirements:
- (1) complete:
 - (i) in the case of an FI(A) and (H) ...
 - (ii) in the case of an FI(As) ...
 - (iii) in the case of an FI(S), at least 30 hours or 60 take-offs of flight instruction in sailplanes, powered sailplanes or TMG as, FI or as examiner during the period of validity of the certificate;
 - (iv) in the case of an FI(B) ...
 - (2) attend an instructor refresher seminar, within the validity period of the FI certificate;
 - (3) pass an assessment of competence in accordance with FCL.935, within the 12 months preceding the expiry date of the FI certificate.
- (b) For the at least each alternate subsequent revalidation in the case of FI(A) or FI(H), or each third revalidation, in the case of FI(As), (S) and (B), the holder shall have to pass an assessment of competence in accordance with FCL.935.
- (c) Renewal. If the FI certificate has lapsed, the applicant shall, within a period of 12 months before renewal:
- (1) attend an instructor refresher seminar;
 - (2) pass an assessment of competence in accordance with FCL.935.

SECTION 4

Specific requirements for the type rating instructor — TRI

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SECTION 5

Specific requirements for the class rating instructor — CRI

...

SECTION 6

Specific requirements for the instrument rating instructor — IRI

...

SECTION 7

Specific requirements for the synthetic flight instructor — SFI

...

SECTION 8

Specific requirements for the multi-crew cooperation instructor — MCCI

...

SECTION 9

Specific requirements for the synthetic training instructor — STI

...

SECTION 10

Mountain rating instructor — MI

...

SECTION 11

Specific requirements for the flight test instructor — FTI

...

SUBPART K *EXAMINERS*

SECTION 1 *Common requirements*

FCL.1000 Examiner certificates

- (a) General. Holders of an examiner certificate shall:
- (1) hold an equivalent licence, rating or certificate to the ones for which they are authorised to conduct skill tests, proficiency checks or assessments of competence and the privilege to instruct for them;
 - (2) be qualified to act as PIC on the aircraft during a skill test, proficiency check or assessment of competence when conducted on the aircraft.
- (b) Special conditions:
- (1) In the case of introduction of new aircraft in the Member States or in an operator's fleet, when compliance with the requirements in this Subpart is not possible, the competent authority may issue a specific certificate giving privileges for the conduct of skill tests and proficiency checks. Such a certificate shall be limited to the skill tests and proficiency checks necessary for the introduction of the new type of aircraft and its validity shall not, in any case, exceed 1 year.
 - (2) Holders of a certificate issued in accordance with (b)(1) who wish to apply for an examiner certificate shall comply with the prerequisites and revalidation requirements for that category of examiner.
- (c) Examination outside the territory of the Member States:
- (1) Notwithstanding paragraph (a), in the case of skill tests and proficiency checks provided in an ATO located outside the territory of the Member States, the competent authority of the Member State may issue an examiner certificate to an applicant holding a pilot licence issued by a third country in accordance with ICAO Annex 1, provided that the applicant:
 - (i) holds at least an equivalent licence, rating, or certificate to the one for which they are authorised to conduct skill tests, proficiency checks or assessments of competence, and in any case at least a CPL;
 - (ii) complies with the requirements established in this Subpart for the issue of the relevant examiner certificate; and
 - (iii) demonstrates to the competent authority an adequate level of knowledge of European aviation safety rules to be able to exercise examiner privileges in accordance with this Part.
 - (2) The certificate referred to in paragraph (1) shall be limited to providing skill tests and proficiency tests/checks:
 - (i) outside the territory of the Member States; and
 - (ii) to pilots who have sufficient knowledge of the language in which the test/check is given.

FCL.1005 Limitation of privileges in case of vested interests

Examiners shall not conduct:

- (a) skill tests or assessments of competence of applicants for the issue of a licence, rating or certificate:
 - (1) to whom they have provided flight instruction for the licence, rating or certificate for which the skill test or assessment of competence is being taken; or
 - (2) when they have been responsible for the recommendation for the skill test, in accordance with FCL.030(b);
- (b) skill tests, proficiency checks or assessments of competence whenever they feel that their objectivity may be affected.

FCL.1010 Prerequisites for examiners

Applicants for an examiner certificate shall demonstrate:

- (a) relevant knowledge, background and appropriate experience related to the privileges of an examiner;
- (b) that they have not been subject to any sanctions, including the suspension, limitation or revocation of any of their licences, ratings or certificates issued in accordance with this Part, for non-compliance with the Basic Regulation and its Implementing Rules during the last 3 years.

FCL.1015 Examiner standardisation

- (a) Applicants for an examiner certificate shall undertake a standardisation course provided by the competent authority or by an ATO and approved by the competent authority.
- (b) The standardisation course shall consist of theoretical and practical instruction and shall include, at least:
 - (1) the conduct of 2 skill tests, proficiency checks or assessments of competences for the licences, ratings or certificates for which the applicant seeks the privilege to conduct tests and checks;
 - (2) instruction on the applicable requirements in this part and the applicable air operations requirements, the conduct of skill tests, proficiency checks and assessments of competence, and their documentation and reporting;
 - (3) a briefing on the national administrative procedures, requirements for protection of personal data, liability, accident insurance and fees.
- (c) Holders of an examiner certificate shall not conduct skill tests, proficiency checks or assessments of competence of an applicant for which the competent authority is not the same that issued the examiner's certificate, unless:
 - (1) they have informed the competent authority of the applicant of their intention to conduct the skill test, proficiency check or assessment of competence and of the scope of their privileges as examiners;
 - (2) they have received a briefing from the competent authority of the applicant on the elements mentioned in (b)(3).

FCL.1020 Examiners assessment of competence

Applicants for an examiner certificate shall demonstrate their competence to an inspector from the competent authority or a senior examiner specifically authorised to do so by the competent authority responsible for the examiner's certificate through the conduct of a skill test, proficiency check or assessment of competence in the examiner role for which privileges are sought, including briefing, conduct of the skill test, proficiency check or assessment of competence, and assessment of the person to whom the test, check or assessment is given, debriefing and recording documentation.

FCL.1025 Validity, revalidation and renewal of examiner certificates

- (a) Validity. An examiner certificate shall be valid for 3 years.
- (b) Revalidation. An examiner certificate shall be revalidated when the holder has, during the validity period of the certificate:
 - (1) conducted at least 2 skill tests, proficiency checks or assessments of competence every year;
 - (2) attended an examiner refresher seminar provided by the competent authority or by an ATO and approved by the competent authority, during the last year of the validity period.
 - (3) One of the skill tests or proficiency checks completed during the last year of the validity period in accordance with (1) shall have been assessed by an inspector from the competent authority or by a senior examiner specifically authorised to do so by the competent authority responsible for the examiner's certificate.
 - (4) When the applicant for the revalidation holds privileges for more than one category of examiner, combined revalidation of all examiner privileges may be achieved when the applicant complies with the requirements in (b)(1) and (2) and FCL.1020 for one of the categories of examiner certificate held, in agreement with the competent authority.
- (c) Renewal. If the certificate has expired, applicants shall comply with the requirements of (b)(2) and FCL.1020 before they can resume the exercise of the privileges.
- (d) An examiner certificate shall only be revalidated or renewed if the applicant demonstrates continued compliance with the requirements in FCL.1010 and FCL.1030.

FCL.1030 Conduct of skill tests, proficiency checks and assessments of competence

- (a) When conducting skill tests, proficiency checks and assessments of competence, examiners shall:
 - (1) ensure that communication with the applicant can be established without language barriers;
 - (2) verify that the applicant complies with all the qualification, training and experience requirements in this Part for the issue, revalidation or renewal of the licence, rating or certificate for which the skill test, proficiency check or assessment of competence is taken;

- (3) make the applicant aware of the consequences of providing incomplete, inaccurate or false information related to their training and flight experience.
- (b) After completion of the skill test or proficiency check, the examiner shall:
- (1) inform the applicant of the result of the test. In the event of a partial pass or fail, the examiner shall inform the applicant that he/she may not exercise the privileges of the rating until a full pass has been obtained. The examiner shall detail any further training requirement and explain the applicant's right of appeal;
 - (2) in the event of a pass in a proficiency check or assessment of competence for revalidation or renewal, endorse the applicant's licence or certificate with the new expiry date of the rating or certificate, if specifically authorised for that purpose by the competent authority responsible for the applicant's licence;
 - (3) provide the applicant with a signed report of the skill test or proficiency check and submit without delay copies of the report to the competent authority responsible for the applicant's licence, and to the competent authority that issued the examiner certificate. The report shall include:
 - (i) a declaration that the examiner has received information from the applicant regarding his/her experience and instruction, and found that experience and instruction complying with the applicable requirements in this Part;
 - (ii) confirmation that all the required manoeuvres and exercises have been completed, as well as information on the verbal theoretical knowledge examination, when applicable. If an item has been failed, the examiner shall record the reasons for this assessment;
 - (iii) the result of the test, check or assessment of competence.
- (c) Examiners shall maintain records for 5 years with details of all skill tests, proficiency checks and assessments of competence performed and their results.
- (d) Upon request by the competent authority responsible for the examiner certificate, or the competent authority responsible for the applicant's licence, examiners shall submit all records and reports, and any other information, as required for oversight activities.

SECTION 2

Specific requirements for flight examiners — FE

FCL.1005.FE FE — Privileges and conditions

- (a) FE(A). The privileges of an FE for aeroplanes are to conduct ...
- (b) FE(H). The privileges of an FE for helicopters are to conduct...
- (c) FE(As). The privileges of an FE for airships are to conduct...
- (d) FE(S). The privileges of an FE for sailplanes are to conduct :
 - (1) skill tests and proficiency checks for the SPL and the LAPL(S), provided that the examiner has completed 300 hours of flight time as a pilot on sailplanes or powered sailplanes, including 150 hours or 300 launches of flight instruction;
 - (2) proficiency checks for the extension of the SPL privileges to commercial operations, provided that the examiner has completed 300 hours of flight time as a pilot on sailplanes or powered sailplanes, including 90 hours of flight instruction;
 - (3) skill tests for the extension of the SPL or LAPL(S) privileges to TMG, provided that the examiner has completed 300 hours of flight time as a pilot on sailplanes or powered sailplanes, including 50 hours of flight instruction on TMG.
- (e) FE(B). The privileges of an FE for balloons are to conduct ...

FCL.1010.FE FE — Prerequisites

An applicant for an FE certificate shall hold:
an FI certificate in the appropriate aircraft category.

SECTION 3
Specific requirements for type rating examiners — TRE

...

SECTION 4
Specific requirements for Class Rating Examiner — CRE

...

SECTION 5
Specific requirements for Instrument Rating Examiner — IRE

...

SECTION 6
Specific requirements for Synthetic Flight Examiner — SFE

...

SECTION 7
Specific requirements for the flight instructor examiner — FIE

FCL.1005.FIE FIE — Privileges and conditions

- (a) FIE(A). The privileges of an FIE on aeroplanes are to conduct ...
- (b) FIE(H). The privileges of an FIE on helicopters are to conduct ...
- (c) FIE(As), (S), (B). The privileges of an FIE on sailplanes, powered sailplanes, balloons and airships are to conduct assessments of competence for the issue, revalidation or renewal of instructor certificates on the applicable aircraft category, provided that the relevant instructor certificate is held.

FCL.1010.FIE FIE — Prerequisites

- (a) FIE(A). Applicants for an FIE certificate for aeroplanes shall...
- (b) FIE(H). Applicants for an FIE certificate for helicopters shall...
- (c) FIE(As). Applicants for an FIE certificate for airships shall...
- (d) FIE(S). Applicants for an FIE certificate for sailplanes shall:
 - (1) hold the relevant instructor certificate;
 - (2) have completed 500 hours of flight time as a pilot on sailplanes or powered sailplanes;
 - (3) have completed:
 - (i) for applicants wishing to conduct assessments of competence on TMGs, 10 hours or 30 take-offs instructing applicants for an instructor certificate in TMGs;
 - (ii) in all other cases, 10 hours or 30 launches instructing applicants for an instructor certificate.
- (e) FIE(B). Applicants for an FIE certificate for balloons shall ...

Appendix 1
Crediting of theoretical knowledge

A. CREDITING OF THEORETICAL KNOWLEDGE FOR THE ISSUE OF A PILOT LICENCE IN ANOTHER CATEGORY OF AIRCRAFT — BRIDGE INSTRUCTION AND EXAMINATION REQUIREMENTS

1. LAPL, PPL, BPL and SPL

- 1.1. For the issue of an LAPL, the holder of an LAPL in another category of aircraft shall be fully credited with theoretical knowledge on the common subjects established in FCL.120(a).
 - 1.2. Without prejudice to the paragraph above, for the issue of an LAPL, PPL, BPL or SPL, the holder of a licence in another category of aircraft shall receive theoretical knowledge instruction and pass theoretical knowledge examinations to the appropriate level in the following subjects:
 - Principles of Flight,
 - Operational Procedures,
 - Flight Performance and Planning,
 - Aircraft General Knowledge, Navigation.
 - 1.3. For the issue of a PPL, BPL or SPL, the holder of an LAPL in the same category of aircraft shall be credited in full towards the theoretical knowledge instruction and examination requirements.
2. **CPL ...**
 3. **ATPL ...**
 4. **IR...**

Appendix 2
Language Proficiency Rating Scale — Expert, extended and operational level

...

Appendix 3
Training courses for the issue of a CPL and an ATPL

...

Appendix 4
Skill test for the issue of a CPL

...

Appendix 5
Integrated MPL training course

...

Appendix 6
Modular training courses for the IR

...

Appendix 7
IR skill test

...

Appendix 8
Cross-crediting of the IR part of a class or type rating proficiency check

...

Appendix 9
Training, skill test and proficiency check for MPL, ATPL, type and class ratings, and proficiency check for IRs

...

ANNEX II

CONDITIONS FOR THE CONVERSION OF EXISTING NATIONAL LICENCES AND RATINGS FOR AEROPLANES AND HELICOPTERS

...

ANNEX III

CONDITIONS FOR THE ACCEPTANCE OF LICENCES ISSUED BY OR ON BEHALF OF THIRD COUNTRIES

A. VALIDATION OF LICENCES

General

1. A pilot licence issued in compliance with the requirements of Annex 1 to the Chicago Convention by a third country may be validated by the competent authority of a Member State.
Pilots shall apply to the competent authority of the Member State where they reside or are established, or, if they are not residing in the territory of the Member States, where the operator for which they are flying or intend to fly has its principal place of business.
2. The period of validation of a licence shall not exceed 1 year, provided that the basic licence remains valid.
This period may only be extended once by the competent authority that issued the validation when, during the validation period, the pilot has applied, or is undergoing training, for the issuance of a licence in accordance with Part-FCL. This extension shall cover the period of time necessary for the licence to be issued in accordance with Part-FCL.
The holders of a licence accepted by a Member State shall exercise their privileges in accordance with the requirements stated in Part-FCL.

Pilot licences for commercial air transport and other commercial activities

3. In the case of pilot licences for commercial air transport and other commercial activities, the holder shall comply with the following ...

B. CONVERSION OF LICENCES

1. A PPL/BPL/SPL, a CPL or ATPL licence issued in compliance with the requirements of Annex 1 to the Chicago Convention by a third country may be converted into a Part-FCL PPL/BPL/SPL with a single-pilot class or type rating by the competent authority of a Member State.
The pilot shall apply to the competent authority of the Member State where he/she resides or is established.
2. The holder of the licence shall comply with the following minimum requirements, for the relevant aircraft category:
 - (a) pass a written examination in Air Law and Human Performance;
 - (b) pass the PPL, BPL or SPL skill test, as relevant, in accordance with Part-FCL;
 - (c) fulfil the requirements for the issue of the relevant class or type rating, in accordance with Subpart H;
 - (d) hold at least a Class 2 medical certificate, issued in accordance with Part-Medical;
 - (e) demonstrate that he/she has acquired language proficiency in accordance with FCL.055;
 - (f) have completed at least 100 hours of flight time as a pilot.

C. ACCEPTANCE OF CLASS AND TYPE RATINGS

1. A valid class or type rating contained in a licence issued by a third country may be inserted in a Part-FCL licence provided that the applicant:
 - (a) complies with the experience requirements and the prerequisites for the issue of the applicable type or class rating in accordance with Part-FCL;
 - (b) passes the relevant skill test for the issue of the applicable type or class rating in accordance with Part-FCL;
 - (c) is in current flying practice;

ANNEX IV
[PART-MED]

SUBPART A
GENERAL REQUIREMENTS

SECTION 1
General

MED.A.001 Competent authority

For the purpose of this Part, the competent authority shall be:

- (a) for aero-medical centres (AeMC):
 - (1) the authority designated by the Member State where the AeMC has its principal place of business;
 - (2) where the AeMC is located in a third country, the Agency;
- (b) for aero-medical examiners (AME):
 - (1) the authority designated by the Member State where the AMEs have their principal place of practice;
 - (2) if the principal place of practice of an AME is located in a third country, the authority designated by the Member State to which the AME applies for the issue of the AME certificate;
- (c) for general medical practitioners (GMP), the authority designated by the Member State to which the GMP notifies his/her activity;
- (d) for occupational health medical practitioners (OHMP) assessing the medical fitness of cabin crew, the authority designated by the Member State to which the OHMP notifies his/her activity.

MED.A.005 Scope

This Part establishes the requirements for:

- (a) the issue, validity, revalidation and renewal of the medical certificate required for exercising the privileges of a pilot licence or of a student pilot;
- (b) the medical fitness of cabin crew;
- (c) the certification of AMEs; and
- (d) the qualification of GMPs and of occupational health medical practitioners (OHMP).

MED.A.010 Definitions

For the purpose of this Part, the following definitions apply:

- ‘Accredited medical conclusion’ means the conclusion reached by one or more medical experts acceptable to the licensing authority, on the basis of objective and non-discriminatory criteria, for the purposes of the case concerned, in consultation with flight operations or other experts as necessary,
- ‘Assessment’ means the conclusion on the medical fitness of a person based on the evaluation of the person’s medical history and/or aero-medical examinations as required in this Part and further examinations as necessary, and/or medical tests such as, but not limited to, ECG, blood pressure measurement, blood testing, X-ray,
- ‘Colour safe’ means the ability of an applicant to readily distinguish the colours used in air navigation and correctly identify aviation coloured lights,
- ‘Eye specialist’ means an ophthalmologist or a vision care specialist qualified in optometry and trained to recognise pathological conditions,
- ‘Examination’ means an inspection, palpation, percussion, auscultation or other means of investigation especially for diagnosing disease,
- ‘Investigation’ means the assessment of a suspected pathological condition of an applicant by means of examinations and tests in order to verify the presence or absence of a medical condition,
- ‘Licensing authority’ means the competent authority of the Member State that issued the licence, or to which a person applies for the issue of a licence, or, when a person has not yet applied for the issue of a licence, the competent authority in accordance with this Part,
- ‘Limitation’ means a condition placed on the medical certificate, licence or cabin crew medical report that shall be complied with whilst exercising the privileges of the licence, or cabin crew attestation,

— ‘Refractive error’ means the deviation from emmetropia measured in dioptres in the most ametropic meridian, measured by standard methods.

MED.A.015 Medical confidentiality

All persons involved in medical examination, assessment and certification shall ensure that medical confidentiality is respected at all times.

MED.A.020 Decrease in medical fitness

- (a) Licence holders shall not exercise the privileges of their licence and related ratings or certificates at any time when they:
 - (1) are aware of any decrease in their medical fitness which might render them unable to safely exercise those privileges;
 - (2) take or use any prescribed or non-prescribed medication which is likely to interfere with the safe exercise of the privileges of the applicable licence;
 - (3) receive any medical, surgical or other treatment that is likely to interfere with flight safety.
- (b) In addition, licence holders shall, without undue delay, seek aero-medical advice when they:
 - (1) have undergone a surgical operation or invasive procedure;
 - (2) have commenced the regular use of any medication;
 - (3) have suffered any significant personal injury involving incapacity to function as a member of the flight crew;
 - (4) have been suffering from any significant illness involving incapacity to function as a member of the flight crew;
 - (5) are pregnant;
 - (6) have been admitted to hospital or medical clinic;
 - (7) first require correcting lenses.
- (c) In these cases:
 - (1) holders of Class 1 and Class 2 medical certificates shall seek the advice of an AeMC or AME. The AeMC or AME shall assess the medical fitness of the licence holder and decide whether they are fit to resume the exercise of their privileges;
 - (2) holders of LAPL medical certificates shall seek the advice of an AeMC or AME, or the GMP who signed the medical certificate. The AeMC, AME or GMP shall assess the medical fitness of the licence holders and decide whether they are fit to resume the exercise of their privileges.
- (d) Cabin crew members shall not perform duties on an aircraft and, where applicable, shall not exercise the privileges of their cabin crew attestation when they are aware of any decrease in their medical fitness, to the extent that this condition might render them unable to discharge their safety duties and responsibilities.
- (e) In addition, if in the medical conditions specified in (b)(1) to (b)(5), cabin crew members shall, without undue delay, seek the advice of an AME, AeMC, or OHMP as applicable. The AME, AeMC or OHMP shall assess the medical fitness of the cabin crew members and decide whether they are fit to resume their safety duties.

MED.A.025 Obligations of AeMC, AME, GMP and OHMP

- (a) When conducting medical examinations and/or assessments, AeMC, AME, GMP and OHMP shall:
 - (1) ensure that communication with the person can be established without language barriers;
 - (2) make the person aware of the consequences of providing incomplete, inaccurate or false statements on their medical history.
- (b) After completion of the aero-medical examinations and/or assessment, the AeMC, AME, GMP and OHMP shall:
 - (1) advise the person whether fit, unfit or referred to the licensing authority, AeMC or AME as applicable;
 - (2) inform the person of any limitation that may restrict flight training or the privileges of the licence, or cabin crew attestation as applicable;
 - (3) if the person has been assessed as unfit, inform him/her of his/her right of a secondary review; and
 - (4) in the case of applicants for a medical certificate, submit without delay a signed, or electronically authenticated, report to include the assessment result and a copy of the medical certificate to the licensing authority.

- (c) AeMCs, AMEs, GMPs and OHMPs shall maintain records with details of medical examinations and assessments performed in accordance with this Part and their results in accordance with national legislation.
- (d) When required for medical certification and/or oversight functions, AeMCs, AMEs, GMPs and OHMP shall submit to the medical assessor of the competent authority upon request all aero-medical records and reports, and any other relevant information.

SECTION 2
Requirements for medical certificates

MED.A.030 Medical certificates

- (a) A student pilot shall not fly solo unless that student pilot holds a medical certificate, as required for the relevant licence.
- (b) Applicants for and holders of a light aircraft pilot licence (LAPL) shall hold at least an LAPL medical certificate.
- (c) Applicants for and holders of a private pilot licence (PPL), a sailplane pilot licence (SPL), or a balloon pilot licence (BPL) shall hold at least a Class 2 medical certificate.
- (d) Applicants for and holders of an SPL or a BPL involved in commercial sailplane or balloon flights shall hold at least a Class 2 medical certificate.
- (e) If a night rating is added to a PPL or LAPL, the licence holder shall be colour safe.
- (f) Applicants for and holders of a commercial pilot licence (CPL), a multi-crew pilot licence (MPL), or an airline transport pilot licence (ATPL) shall hold a Class 1 medical certificate.
- (g) If an instrument rating is added to a PPL, the licence holder shall undertake pure tone audiometry examinations in accordance with the periodicity and the standard required for Class 1 medical certificate holders.
- (h) A licence holder shall not at any time hold more than one medical certificate issued in accordance with this Part.

MED.A.035 Application for a medical certificate

- (a) Applications for a medical certificate shall be made in a format established by the competent authority.
- (b) Applicants for a medical certificate shall provide the AeMC, AME or GMP as applicable, with:
 - (1) proof of their identity;
 - (2) a signed declaration:
 - (i) of medical facts concerning their medical history;
 - (ii) as to whether they have previously undergone an examination for a medical certificate and, if so, by whom and with what result;
 - (iii) as to whether they have ever been assessed as unfit or had a medical certificate suspended or revoked.
- (c) When applying for a revalidation or renewal of the medical certificate, applicants shall present the medical certificate to the AeMC, AME or GMP prior to the relevant examinations.

MED.A.040 Issue, revalidation and renewal of medical certificates

- (a) A medical certificate shall only be issued, revalidated or renewed once the required medical examinations and/or assessments have been completed and a fit assessment is made.
- (b) Initial issue:
 - (1) Class 1 medical certificates shall be issued by an AeMC.
 - (2) Class 2 medical certificates shall be issued by an AeMC or an AME.
 - (3) LAPL medical certificates shall be issued by an AeMC, an AME or, if permitted under the national law of the Member State where the licence is issued, by a GMP.
- (c) Revalidation and renewal:
 - (1) Class 1 and Class 2 medical certificates shall be revalidated or renewed by an AeMC or an AME.
 - (2) LAPL medical certificates shall be revalidated or renewed by an AeMC, an AME or, if permitted under the national law of the Member State where the licence is issued, by a GMP.
- (d) The AeMC, AME or GMP shall only issue, revalidate or renew a medical certificate if:

- (1) the applicant has provided them with a complete medical history and, if required by the AeMC, AME or GMP, results of medical examinations and tests conducted by the applicant's doctor or any medical specialists; and
 - (2) the AeMC, AME or GMP have conducted the aero-medical assessment based on the medical examinations and tests as required for the relevant medical certificate to verify that the applicant complies with all the relevant requirements of this Part.
- (e) The AME, AeMC or, in the case of referral, the licensing authority may require the applicant to undergo additional medical examinations and investigations when clinically indicated before they issue, revalidate or renew a medical certificate.
- (f) The licensing authority may issue or re-issue a medical certificate, as applicable, if:
- (1) a case is referred;
 - (2) it has identified that corrections to the information on the certificate are necessary.

MED.A.045 Validity, revalidation and renewal of medical certificates

(a) *Validity*

- (1) Class 1 medical certificates shall be valid for a period of 12 months.
- (2) The period of validity of Class 1 medical certificates shall be reduced to 6 months for licence holders who:
 - (i) are engaged in single-pilot commercial air transport operations carrying passengers and have reached the age of 40;
 - (ii) have reached the age of 60.
- (3) Class 2 medical certificates shall be valid for a period of:
 - (i) 60 months until the licence holder reaches the age of 40. A medical certificate issued prior to reaching the age of 40 shall cease to be valid after the licence holder reaches the age of 42;
 - (ii) 24 months between the age of 40 and 50. A medical certificate issued prior to reaching the age of 50 shall cease to be valid after the licence holder reaches the age of 51; and
 - (iii) 12 months after the age of 50.
- (4) LAPL medical certificates shall be valid for a period of:
 - (i) 60 months until the licence holder reaches the age of 40. A medical certificate issued prior to reaching the age of 40 shall cease to be valid after the licence holder reaches the age of 42;
 - (ii) 24 months after the age of 40.
- (5) The validity period of a medical certificate, including any associated examination or special investigation, shall be:
 - (i) determined by the age of the applicant at the date when the medical examination takes place; and
 - (ii) calculated from the date of the medical examination in the case of initial issue and renewal, and from the expiry date of the previous medical certificate in the case of revalidation.

(b) *Revalidation*

Examinations and/or assessments for the revalidation of a medical certificate may be undertaken up to 45 days prior to the expiry date of the medical certificate.

(c) *Renewal*

- (1) If the holder of a medical certificate does not comply with (b), a renewal examination and/or assessment shall be required.
- (2) In the case of Class 1 and Class 2 medical certificates:
 - (i) if the medical certificate has expired for more than 2 years, the AeMC or AME shall only conduct the renewal examination after assessment of the aero-medical records of the applicant;
 - (ii) if the medical certificate has expired for more than 5 years, the examination requirements for initial issue shall apply and the assessment shall be based on the revalidation requirements.
- (3) In the case of LAPL medical certificates, the AeMC, AME or GMP shall assess the medical history of the applicant and perform the aero-medical examination and/or assessment in accordance with MED.B.095.

MED.A.050 Referral

- (a) If an applicant for a Class 1 or Class 2 medical certificate is referred to the licensing authority in accordance with MED. B.001, the AeMC or AME shall transfer the relevant medical documentation to the licensing authority.
- (b) If an applicant for an LAPL medical certificate is referred to an AME or AeMC in accordance with MED.B.001, the GMP shall transfer the relevant medical documentation to the AeMC or AME.

SUBPART B
REQUIREMENTS FOR PILOT MEDICAL CERTIFICATES

SECTION 1
General

MED.B.001 Limitations to medical certificates

(a) Limitations to Class 1 and Class 2 medical certificates

- (1) If the applicant does not fully comply with the requirements for the relevant class of medical certificate but is considered to be not likely to jeopardise flight safety, the AeMC or AME shall:
 - (i) in the case of applicants for a Class 1 medical certificate, refer the decision on fitness of the applicant to the licensing authority as indicated in this Subpart;
 - (ii) in cases where a referral to the licensing authority is not indicated in this Subpart, evaluate whether the applicant is able to perform his/her duties safely when complying with one or more limitations endorsed on the medical certificate, and issue the medical certificate with limitation(s) as necessary;
 - (iii) in the case of applicants for a Class 2 medical certificate, evaluate whether the applicant is able to perform his/her duties safely when complying with one or more limitations endorsed on the medical certificate, and issue the medical certificate, as necessary with limitation(s), in consultation with the licensing authority;
 - (iv) The AeMC or AME may revalidate or renew a medical certificate with the same limitation without referring the applicant to the licensing authority.

(b) Limitations to LAPL medical certificates

- (1) If a GMP, after due consideration of the applicant's medical history, concludes that the applicant does not fully meet the requirements for medical fitness, the GMP shall refer the applicant to an AeMC or AME, except those requiring a limitation related only to the use of corrective lenses.
- (2) If an applicant for an LAPL medical certificate has been referred, the AeMC or AME shall give due consideration to MED.B.095, evaluate whether the applicant is able to perform their duties safely when complying with one or more limitations endorsed on the medical certificate and issue the medical certificate with limitation(s) as necessary. The AeMC or AME shall always consider the need to restrict the pilot from carrying passengers (Operational Passenger Limitation, OPL).
- (3) The GMP may revalidate or renew an LAPL medical certificate with the same limitation without referring the applicant to an AeMC or AME.

(c) When assessing whether a limitation is necessary, particular consideration shall be given to:

- (1) whether accredited medical conclusion indicates that in special circumstances the applicant's failure to meet any requirement, whether numerical or otherwise, is such that exercise of the privileges of the licence applied for is not likely to jeopardise flight safety;
- (2) the applicant's ability, skill and experience relevant to the operation to be performed.

(d) Operational limitation codes

(1) Operational multi-pilot limitation (OML — Class 1 only)

- (i) When the holder of a CPL, ATPL or MPL does not fully meet the requirements for a Class 1 medical certificate and has been referred to the licensing authority, it shall be assessed whether the medical certificate may be issued with an OML 'valid only as or with qualified co-pilot'. This assessment shall be performed by the licensing authority.
- (ii) The holder of a medical certificate with an OML shall only operate an aircraft in multi-pilot operations when the other pilot is fully qualified on the relevant type of aircraft, is not subject to an OML and has not attained the age of 60 years.
- (iii) The OML for Class 1 medical certificates may only be imposed and removed by the licensing authority.

(2) Operational Safety Pilot Limitation (OSL — Class 2 and LAPL privileges)

- (i) The holder of a medical certificate with an OSL limitation shall only operate an aircraft if another pilot fully qualified to act as pilot-in-command on the relevant class or type of aircraft is

- carried on board, the aircraft is fitted with dual controls and the other pilot occupies a seat at the controls.
- (ii) The OSL for Class 2 medical certificates may be imposed or removed by an AeMC or AME in consultation with the licensing authority.
 - (3) Operational Passenger Limitation (OPL — Class 2 and LAPL privileges)
 - (i) The holder of a medical certificate with an OPL limitation shall only operate an aircraft without passengers on board.
 - (ii) An OPL for Class 2 medical certificates may be imposed by an AeMC or AME in consultation with the licensing authority.
 - (iii) An OPL for an LAPL medical certificate limitation may be imposed by an AeMC or AME.
 - (e) Any other limitation may be imposed on the holder of a medical certificate if required to ensure flight safety.
 - (f) Any limitation imposed on the holder of a medical certificate shall be specified therein.

SECTION 2

Medical requirements for Class 1 and Class 2 medical certificates

MED.B.005 General

- (a) Applicants for a medical certificate shall be free from any:
 - (1) abnormality, congenital or acquired;
 - (2) active, latent, acute or chronic disease or disability;
 - (3) wound, injury or sequelae from operation;
 - (4) effect or side effect of any prescribed or non-prescribed therapeutic, diagnostic or preventive medication taken;
 that would entail a degree of functional incapacity which is likely to interfere with the safe exercise of the privileges of the applicable licence or could render the applicant likely to become suddenly unable to exercise the privileges of the licence safely.
- (b) In cases where the decision on medical fitness of an applicant for a Class 1 medical certificate is referred to the licensing authority, this authority may delegate such a decision to an AeMC, except in cases where an OML is needed.
- (c) In cases where the decision on medical fitness of an applicant for a Class 2 medical certificate is referred to the licensing authority, this authority may delegate such a decision to an AeMC or an AME, except in cases where an OSL or OPL is needed.

MED.B.010 Cardiovascular System

- (a) *Examination*
 - (1) A standard 12-lead resting electrocardiogram (ECG) and report shall be completed on clinical indication, and:
 - (i) for a Class 1 medical certificate, at the examination for the first issue of a medical certificate, then every 5 years until age 30, every 2 years until age 40, annually until age 50, and at all revalidation or renewal examinations thereafter;
 - (ii) for a Class 2 medical certificate, at the first examination after age 40 and then every 2 years after age 50.
 - (2) Extended cardiovascular assessment shall be required when clinically indicated.
 - (3) For a Class 1 medical certificate, an extended cardiovascular assessment shall be completed at the first revalidation or renewal examination after age 65 and every 4 years thereafter.
 - (4) For a Class 1 medical certificate, estimation of serum lipids, including cholesterol, shall be required at the examination for the first issue of a medical certificate, and at the first examination after having reached the age of 40.

(b) Cardiovascular System — General

- (1) Applicants shall not suffer from any cardiovascular disorder which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (2) Applicants for a Class 1 medical certificate with any of the following conditions shall be assessed as unfit:
 - (i) aneurysm of the thoracic or supra-renal abdominal aorta, before or after surgery;
 - (ii) significant functional abnormality of any of the heart valves;
 - (iii) heart or heart/lung transplantation.
- (3) Applicants for a Class 1 medical certificate with an established history or diagnosis of any of the following conditions shall be referred to the licensing authority:
 - (i) peripheral arterial disease before or after surgery;
 - (ii) aneurysm of the abdominal aorta, before or after surgery;
 - (iii) functionally insignificant cardiac valvular abnormalities;
 - (iv) after cardiac valve surgery;
 - (v) abnormality of the pericardium, myocardium or endocardium;
 - (vi) congenital abnormality of the heart, before or after corrective surgery;
 - (vii) recurrent vasovagal syncope;
 - (viii) arterial or venous thrombosis;
 - (ix) pulmonary embolism;
 - (x) cardiovascular condition requiring systemic anticoagulant therapy.
- (4) Applicants for a Class 2 medical certificate with an established diagnosis of one of the conditions specified in (2) and (3) above shall be assessed by a cardiologist before a fit assessment can be considered in consultation with the licensing authority.

(c) *Blood Pressure*

- (1) The blood pressure shall be recorded at each examination.
- (2) The applicant's blood pressure shall be within normal limits.
- (3) Applicants for a Class 1 medical certificate:
 - (i) with symptomatic hypotension; or
 - (ii) whose blood pressure at examination consistently exceeds 160 mmHg systolic and/or 95 mmHg diastolic, with or without treatment;shall be assessed as unfit.
- (4) The initiation of medication for the control of blood pressure shall require a period of temporary suspension of the medical certificate to establish the absence of significant side effects.

(d) *Coronary Artery Disease*

- (1) Applicants for a Class 1 medical certificate with:
 - (i) suspected myocardial ischaemia;
 - (ii) asymptomatic minor coronary artery disease requiring no anti-anginal treatment;shall be referred to the licensing authority and undergo cardiological evaluation to exclude myocardial ischaemia before a fit assessment can be considered.
- (2) Applicants for a Class 2 medical certificate with any of the conditions detailed in (1) shall undergo cardiological evaluation before a fit assessment can be considered.
- (3) Applicants with any of the following conditions shall be assessed as unfit:
 - (i) myocardial ischaemia;
 - (ii) symptomatic coronary artery disease;
 - (iii) symptoms of coronary artery disease controlled by medication.
- (4) Applicants for the initial issue of a Class 1 medical certificate with a history or diagnosis of any of the following conditions shall be assessed as unfit:
 - (i) myocardial ischaemia;
 - (ii) myocardial infarction;
 - (iii) revascularisation for coronary artery disease.
- (5) Applicants for a Class 2 medical certificate who are asymptomatic following myocardial infarction or surgery for coronary artery disease shall undergo satisfactory cardiological evaluation before a fit assessment can be considered in consultation with the licensing authority. Applicants for the revalidation of a Class 1 medical certificate shall be referred to the licensing authority.

(e) *Rhythm/Conduction Disturbances*

- (1) Applicants for a Class 1 medical certificate shall be referred to the licensing authority when they have any significant disturbance of cardiac conduction or rhythm, including any of the following:
 - (i) disturbance of supraventricular rhythm, including intermittent or established sinoatrial dysfunction, atrial fibrillation and/or flutter and asymptomatic sinus pauses;
 - (ii) complete left bundle branch block;
 - (iii) Mobitz type 2 atrioventricular block;
 - (iv) broad and/or narrow complex tachycardia;
 - (v) ventricular pre-excitation;
 - (vi) asymptomatic QT prolongation;
 - (vii) Brugada pattern on electrocardiography.
- (2) Applicants for a Class 2 medical certificate with any of the conditions detailed in (1) shall undergo satisfactory cardiological evaluation before a fit assessment in consultation with the licensing authority can be considered.
- (3) Applicants with any of the following:
 - (i) incomplete bundle branch block;
 - (ii) complete right bundle branch block;
 - (iii) stable left axis deviation;
 - (iv) asymptomatic sinus bradycardia;
 - (v) asymptomatic sinus tachycardia;
 - (vi) asymptomatic isolated uniform supra-ventricular or ventricular ectopic complexes;
 - (vii) first degree atrioventricular block;
 - (viii) Mobitz type 1 atrioventricular block;may be assessed as fit in the absence of any other abnormality and subject to satisfactory cardiological evaluation.
- (4) Applicants with a history of:
 - (i) ablation therapy;
 - (ii) pacemaker implantation;shall undergo satisfactory cardiovascular evaluation before a fit assessment can be considered. Applicants for a Class 1 medical certificate shall be referred to the licensing authority. Applicants for a Class 2 medical certificate shall be assessed in consultation with the licensing authority.
- (5) Applicants with any of the following conditions shall be assessed as unfit:
 - (i) symptomatic sinoatrial disease;
 - (ii) complete atrioventricular block;
 - (iii) symptomatic QT prolongation;
 - (iv) an automatic implantable defibrillating system;
 - (v) a ventricular anti-tachycardia pacemaker.

MED.B.015 Respiratory System

- (a) Applicants with significant impairment of pulmonary function shall be assessed as unfit. A fit assessment may be considered once pulmonary function has recovered and is satisfactory.
- (b) For a Class 1 medical certificate, applicants are required to undertake pulmonary function tests at the initial examination and on clinical indication.
- (c) For a Class 2 medical certificate, applicants are required to undertake pulmonary function tests on clinical indication.
- (d) Applicants with a history or established diagnosis of:
 - (1) asthma requiring medication;
 - (2) active inflammatory disease of the respiratory system;
 - (3) active sarcoidosis;
 - (4) pneumothorax;
 - (5) sleep apnoea syndrome;
 - (6) major thoracic surgery;
 - (7) pneumonectomy;shall undergo respiratory evaluation with a satisfactory result before a fit assessment can be considered. Applicants with an established diagnosis of the conditions specified in (3) and (5) shall undergo satisfactory cardiological evaluation before a fit assessment can be considered.

- (e) Aero-medical assessment:
 - (1) applicants for a Class 1 medical certificate with any of the conditions detailed in (d) above shall be referred to the licensing authority;
 - (2) applicants for a Class 2 medical certificate with any of the conditions detailed in (d) above shall be assessed in consultation with the licensing authority.
- (f) Applicants for a Class 1 medical certificate who have undergone a total pneumonectomy shall be assessed as unfit.

MED.B.020 Digestive System

- (a) Applicants shall not possess any functional or structural disease of the gastro-intestinal tract or its adnexa which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Applicants with any sequelae of disease or surgical intervention in any part of the digestive tract or its adnexa likely to cause incapacitation in flight, in particular any obstruction due to stricture or compression shall be assessed as unfit.
- (c) Applicants shall be free from herniae that might give rise to incapacitating symptoms.
- (d) Applicants with disorders of the gastro-intestinal system including:
 - (1) recurrent dyspeptic disorder requiring medication;
 - (2) pancreatitis;
 - (3) symptomatic gallstones;
 - (4) an established diagnosis or history of chronic inflammatory bowel disease;
 - (5) after surgical operation on the digestive tract or its adnexa, including surgery involving total or partial excision or a diversion of any of these organs;
 shall be assessed as unfit. A fit assessment may be considered after successful treatment or full recovery after surgery and subject to satisfactory gastroenterological evaluation.
- (e) Aero-medical assessment:
 - (1) applicants for a Class 1 medical certificate with the diagnosis of the conditions specified in (2), (4) and (5) shall be referred to the licensing authority;
 - (2) fitness of Class 2 applicants with pancreatitis shall be assessed in consultation with the licensing authority.

MED.B.025 Metabolic and Endocrine Systems

- (a) Applicants shall not possess any functional or structural metabolic, nutritional or endocrine disorder which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Applicants with metabolic, nutritional or endocrine dysfunction may be assessed as fit subject to demonstrated stability of the condition and satisfactory aero-medical evaluation.
- (c) *Diabetes mellitus*
 - (1) Applicants with diabetes mellitus requiring insulin shall be assessed as unfit.
 - (2) Applicants with diabetes mellitus not requiring insulin shall be assessed as unfit unless it can be demonstrated that blood sugar control has been achieved.
- (d) Aero-medical assessment:
 - (1) applicants for a Class 1 medical certificate requiring medication other than insulin for blood sugar control shall be referred to the licensing authority;
 - (2) fitness of Class 2 applicants requiring medication other than insulin for blood sugar control shall be assessed in consultation with the licensing authority.

MED.B.030 Haematology

- (a) Applicants shall not possess any haematological disease which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) For a Class 1 medical certificate, haemoglobin shall be tested at each examination for the issue of a medical certificate.
- (c) Applicants with a haematological condition, such as:
 - (1) coagulation, haemorrhagic or thrombotic disorder;
 - (2) chronic leukaemia;
 may be assessed as fit subject to satisfactory aeromedical evaluation.
- (d) Aero-medical assessment:

- (1) applicants for a Class 1 medical certificate with one of the conditions specified in (c) above shall be referred to the licensing authority;
- (2) fitness of Class 2 applicants with one of the conditions specified in (c) above shall be assessed in consultation with the licensing authority.
- (e) Class 1 applicants with one of the haematological conditions specified below shall be referred to the licensing authority:
 - (1) abnormal haemoglobin, including, but not limited to anaemia, polycythaemia or haemoglobinopathy;
 - (2) significant lymphatic enlargement;
 - (3) enlargement of the spleen.

MED.B.035 Genitourinary System

- (a) Applicants shall not possess any functional or structural disease of the renal or genito-urinary system or its adnexa which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Urinalysis shall form part of every aero-medical examination. The urine shall contain no abnormal element considered to be of pathological significance.
- (c) Applicants with any sequela of disease or surgical procedures on the kidneys or the urinary tract likely to cause incapacitation, in particular any obstruction due to stricture or compression shall be assessed as unfit.
- (d) Applicants with a genitourinary disorder, such as:
 - (1) renal disease;
 - (2) one or more urinary calculi, or a history of renal colic;
 may be assessed as fit subject to satisfactory renal/urological evaluation.
- (e) Applicants who have undergone a major surgical operation in the urinary apparatus involving a total or partial excision or a diversion of its organs shall be assessed as unfit and be re-assessed after full recovery before a fit assessment can be considered. Applicants for a Class 1 medical certificate shall be referred to the licensing authority for the re-assessment.

MED.B.040 Infectious Disease

- (a) Applicants shall have no established medical history or clinical diagnosis of any infectious disease which is likely to interfere with the safe exercise of the privileges of the applicable licence held.
- (b) Applicants who are HIV positive may be assessed as fit subject to satisfactory aero-medical evaluation. Applicants for a Class 1 medical certificate shall be referred to the licensing authority.

MED.B.045 Obstetrics and Gynaecology

- (a) Applicants shall not possess any functional or structural obstetric or gynaecological condition which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Applicants who have undergone a major gynaecological operation shall be assessed as unfit until full recovery.
- (c) *Pregnancy*
 - (1) In the case of pregnancy, if the AeMC or AME considers that the licence holder is fit to exercise her privileges, he/she shall limit the validity period of the medical certificate to the end of the 26th week of gestation. After this point, the certificate shall be suspended. The suspension shall be lifted after full recovery following the end of the pregnancy.
 - (2) Holders of Class 1 medical certificates shall only exercise the privileges of their licences until the 26th week of gestation with an OML. Notwithstanding MED. B.001 in this case, the OML may be imposed and removed by the AeMC or AME.

MED.B.050 Musculoskeletal System

- (a) Applicants shall not possess any abnormality of the bones, joints, muscles or tendons, congenital or acquired which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) An applicant shall have sufficient sitting height, arm and leg length and muscular strength for the safe exercise of the privileges of the applicable licence(s).
- (c) An applicant shall have satisfactory functional use of the musculoskeletal system to enable the safe exercise of the privileges of the applicable licence(s). Fitness of the applicants shall be assessed in consultation with the licensing authority.

MED.B.055 Psychiatry

- (a) Applicants shall have no established medical history or clinical diagnosis of any psychiatric disease or disability, condition or disorder, acute or chronic, congenital or acquired, which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Applicants with a mental or behavioural disorder due to alcohol or other use or abuse of psychotropic substances shall be assessed as unfit pending recovery and freedom from substance use and subject to satisfactory psychiatric evaluation after successful treatment. Applicants for a Class 1 medical certificate shall be referred to the licensing authority. Fitness of Class 2 applicants shall be assessed in consultation with the licensing authority.
- (c) Applicants with a psychiatric condition such as:
 - (1) mood disorder;
 - (2) neurotic disorder;
 - (3) personality disorder;
 - (4) mental or behavioural disorder;shall undergo satisfactory psychiatric evaluation before a fit assessment can be made.
- (d) Applicants with a history of a single or repeated acts of deliberate self-harm shall be assessed as unfit. Applicants shall undergo satisfactory psychiatric evaluation before a fit assessment can be considered.
- (e) Aero-medical assessment:
 - (1) applicants for a Class 1 medical certificate with one of the conditions detailed in (b), (c) or (d) above shall be referred to the licensing authority;
 - (2) fitness of Class 2 applicants with one of the conditions detailed in (b), (c) or (d) above shall be assessed in consultation with the licensing authority.
- (f) Applicants with an established history or clinical diagnosis of schizophrenia, schizotypal or delusional disorder shall be assessed as unfit.

MED.B.060 Psychology

- (a) Applicants shall have no established psychological deficiencies, which are likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) A psychological evaluation may be required as part of, or complementary to, a specialist psychiatric or neurological examination.

MED.B.065 Neurology

- (a) Applicants shall have no established medical history or clinical diagnosis of any neurological condition which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Applicants with an established history or clinical diagnosis of:
 - (1) epilepsy;
 - (2) recurring episodes of disturbance of consciousness of uncertain cause;shall be assessed as unfit.
- (c) Applicants with an established history or clinical diagnosis of:
 - (1) epilepsy without recurrence after age 5;
 - (2) epilepsy without recurrence and off all treatment for more than 10 years;
 - (3) epileptiform EEG abnormalities and focal slow waves;
 - (4) progressive or non-progressive disease of the nervous system;
 - (5) a single episode of disturbance of consciousness of uncertain cause;
 - (6) loss of consciousness after head injury;
 - (7) penetrating brain injury;
 - (8) spinal or peripheral nerve injury;shall undergo further evaluation before a fit assessment can be considered. Applicants for a Class 1 medical certificate shall be referred to the licensing authority. Fitness of Class 2 applicants shall be assessed in consultation with the licensing authority.

MED.B.070 Visual System

- (a) Applicants shall not possess any abnormality of the function of the eyes or their adnexa or any active pathological condition, congenital or acquired, acute or chronic, or any sequelae of eye surgery or trauma, which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) *Examination*

- (1) For a Class 1 medical certificate:
 - (i) a comprehensive eye examination shall form part of the initial examination and be undertaken periodically depending on the refraction and the functional performance of the eye; and
 - (ii) a routine eye examination shall form part of all revalidation and renewal examinations.
- (2) For a Class 2 medical certificate:
 - (i) a routine eye examination shall form part of the initial and all revalidation and renewal examinations; and
 - (ii) a comprehensive eye examination shall be undertaken when clinically indicated.
- (c) Distant visual acuity, with or without correction, shall be:
 - (1) in the case of Class 1 medical certificates, 6/9 (0,7) or better in each eye separately and visual acuity with both eyes shall be 6/6 (1,0) or better;
 - (2) in the case of Class 2 medical certificates, 6/12 (0,5) or better in each eye separately and visual acuity with both eyes shall be 6/9 (0,7) or better. An applicant with substandard vision in one eye may be assessed as fit in consultation with the licensing authority subject to satisfactory ophthalmic assessment;
 - (3) applicants for an initial Class 1 medical certificate with substandard vision in one eye shall be assessed as unfit. At revalidation, applicants with acquired substandard vision in one eye shall be referred to the licensing authority and may be assessed as fit if it is unlikely to interfere with safe exercise of the licence held.
- (d) An applicant shall be able to read an N5 chart (or equivalent) at 30-50 cm and an N14 chart (or equivalent) at 100 cm, with correction, if prescribed.
- (e) Applicants for a Class 1 medical certificate shall be required to have normal fields of vision and normal binocular function.
- (f) Applicants who have undergone eye surgery may be assessed as fit subject to satisfactory ophthalmic evaluation.
- (g) Applicants with a clinical diagnosis of keratoconus may be assessed as fit subject to a satisfactory examination by an ophthalmologist. Applicants for a Class 1 medical certificate shall be referred to the licensing authority.
- (h) Applicants with:
 - (1) astigmatism;
 - (2) anisometropia;
 may be assessed as fit subject to satisfactory ophthalmic evaluation.
- (i) Applicants with diplopia shall be assessed as unfit.
- (j) Spectacles and contact lenses. If satisfactory visual function is achieved only with the use of correction:
 - (1) (i) for distant vision, spectacles or contact lenses shall be worn whilst exercising the privileges of the applicable licence(s);
 - (ii) for near vision, a pair of spectacles for near use shall be kept available during the exercise of the privileges of the licence;
 - (2) a spare set of similarly correcting spectacles shall be readily available for immediate use whilst exercising the privileges of the applicable licence(s);
 - (3) the correction shall provide optimal visual function, be well-tolerated and suitable for aviation purposes;
 - (4) if contact lenses are worn, they shall be for distant vision, monofocal, non-tinted and well tolerated;
 - (5) applicants with a large refractive error shall use contact lenses or high-index spectacle lenses;
 - (6) no more than one pair of spectacles shall be used to meet the visual requirements;
 - (7) orthokeratological lenses shall not be used.

MED.B.075 Colour vision

- (a) Applicants shall be required to demonstrate the ability to perceive readily the colours that are necessary for the safe performance of duties.
- (b) *Examination*
 - (1) Applicants shall pass the Ishihara test for the initial issue of a medical certificate.
 - (2) Applicants who fail to pass in the Ishihara test shall undergo further colour perception testing to establish whether they are colour safe.

- (c) In the case of Class 1 medical certificates, applicants shall have normal perception of colours or be colour safe. Applicants who fail further colour perception testing shall be assessed as unfit. Applicants for a Class 1 medical certificate shall be referred to the licensing authority.
- (d) In the case of Class 2 medical certificates, when the applicant does not have satisfactory perception of colours, his/her flying privileges shall be limited to daytime only.

MED.B.080 Otorhino-laryngology

- (a) Applicants shall not possess any abnormality of the function of the ears, nose, sinuses or throat, including oral cavity, teeth and larynx, or any active pathological condition, congenital or acquired, acute or chronic, or any sequelae of surgery or trauma which is likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) Hearing shall be satisfactory for the safe exercise of the privileges of the applicable licence(s).
- (c) *Examination*
 - (1) Hearing shall be tested at all examinations.
 - (i) In the case of Class 1 medical certificates and Class 2 medical certificates, when an instrument rating is to be added to the licence held, hearing shall be tested with pure tone audiometry at the initial examination and, at subsequent revalidation or renewal examinations, every 5 years until the age 40 and every 2 years thereafter.
 - (ii) When tested on a pure-tone audiometer, initial applicants shall not have a hearing loss of more than 35 dB at any of the frequencies 500, 1 000 or 2 000 Hz, or more than 50 dB at 3 000 Hz, in either ear separately. Applicants for revalidation or renewal, with greater hearing loss shall demonstrate satisfactory functional hearing ability.
 - (iii) Applicants with hypoacusis shall demonstrate satisfactory functional hearing ability.
 - (2) A comprehensive ear, nose and throat examination shall be undertaken for the initial issue of a Class 1 medical certificate and periodically thereafter when clinically indicated.
- (d) Applicants for a Class 1 medical certificate with:
 - (1) an active pathological process, acute or chronic, of the internal or middle ear;
 - (2) unhealed perforation or dysfunction of the tympanic membrane(s);
 - (3) disturbance of vestibular function;
 - (4) significant restriction of the nasal passages;
 - (5) sinus dysfunction;
 - (6) significant malformation or significant, acute or chronic infection of the oral cavity or upper respiratory tract;
 - (7) significant disorder of speech or voice;
 shall undergo further medical examination and assessment to establish that the condition does not interfere with the safe exercise of the privileges of the licence held.
- (e) Aero-medical assessment:
 - (1) applicants for a Class 1 medical certificate with the disturbance of vestibular function shall be referred to the licensing authority;
 - (2) fitness of Class 2 applicants with the disturbance of vestibular function shall be assessed in consultation with the licensing authority.

MED.B.085 Dermatology

Applicants shall have no established dermatological condition likely to interfere with the safe exercise of the privileges of the applicable licence(s) held.

MED.B.090 Oncology

- (a) Applicants shall have no established primary or secondary malignant disease likely to interfere with the safe exercise of the privileges of the applicable licence(s).
- (b) After treatment for malignant disease, applicants shall undergo satisfactory oncological evaluation before a fit assessment can be made. Class 1 applicants shall be referred to the licensing authority. Fitness of Class 2 applicants shall be assessed in consultation with the licensing authority.
- (c) Applicants with an established history or clinical diagnosis of intracerebral malignant tumour shall be assessed as unfit.

SECTION 3

Specific requirements for LAPL medical certificates

MED.B.095 Medical examination and/or assessment of applicants for LAPL medical certificates

- (a) An applicant for an LAPL medical certificate shall be assessed based on aero-medical best practice.
- (b) Special attention shall be given to the applicant's complete medical history.
- (c) The initial assessment, all subsequent re-assessments after age 50 and assessments in cases where the medical history of the applicant is not available to the examiner shall include at least the following:
 - (1) clinical examination;
 - (2) blood pressure;
 - (3) urine test;
 - (4) vision;
 - (5) hearing ability.
- (d) After the initial assessment, subsequent re-assessments until age 50 shall include:
 - (1) an assessment of the LAPL holder's medical history; and
 - (2) the items under paragraph (c) as deemed necessary by the AeMC, AME or GMP in accordance with aero-medical best practice.

SUBPART C

REQUIREMENTS FOR MEDICAL FITNESS OF CABIN CREW

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SUBPART D

AERO-MEDICAL EXAMINERS (AME), GENERAL MEDICAL PRACTITIONERS (GMP), OCCUPATIONAL HEALTH MEDICAL PRACTITIONERS (OHMP)

SECTION 1 Aero-Medical Examiners

MED.D.001 Privileges

- (a) The privileges of an AME are to issue, revalidate and renew Class 2 medical certificates and LAPL medical certificates, and to conduct the relevant medical examinations and assessments.
- (b) Holders of an AME certificate may apply for an extension of their privileges to include medical examinations for the revalidation and renewal of Class 1 medical certificates, if they comply with the requirements in MED.D.015.
- (c) The scope of the privileges of the AME, and any condition thereof, shall be specified in the certificate.
- (d) Holders of a certificate as an AME shall not undertake aero-medical examinations and assessments in a Member State other than the Member State that issued their certificate as an AME, unless they have:
 - (1) been granted access by the host Member State to exercise their professional activities as a specialised doctor;
 - (2) informed the competent authority of the host Member State of their intention to conduct aero-medical examinations and assessments and to issue medical certificates within the scope of their privileges as AME; and
 - (3) received a briefing from the competent authority of the host Member State.

MED.D.005 Application

- (a) Application for a certificate as an AME shall be made in a form and manner specified by the competent authority.
- (b) Applicants for an AME certificate shall provide the competent authority with:
 - (1) personal details and professional address;
 - (2) documentation demonstrating that they comply with the requirements established in MED.D.010, including a certificate of completion of the training course in aviation medicine appropriate to the privileges they apply for;
 - (3) a written declaration that the AME will issue medical certificates on the basis of the requirements of this Part.
- (c) When the AME undertakes aero-medical examinations in more than one location, they shall provide the competent authority with relevant information regarding all practice locations.

MED.D.010 Requirements for the issue of an AME certificate

Applicants for an AME certificate with the privileges for the initial issue, revalidation and renewal of Class 2 medical certificates shall:

- (a) be fully qualified and licensed for the practice of medicine and hold a Certificate of Completion of specialist training;
- (b) have undertaken a basic training course in aviation medicine;
- (c) demonstrate to the competent authority that they:
 - (1) have adequate facilities, procedures, documentation and functioning equipment suitable for aero-medical examinations; and
 - (2) have in place the necessary procedures and conditions to ensure medical confidentiality.

MED.D.015 Requirements for the extension of privileges

Applicants for an AME certificate extending their privileges to the revalidation and renewal of Class 1 medical certificates shall hold a valid certificate as an AME and have:

- (a) conducted at least 30 examinations for the issue, revalidation or renewal of Class 2 medical certificates over a period of no more than 5 years preceding the application;
- (b) undertaken an advanced training course in aviation medicine; and

- (c) undergone practical training at an AeMC or under supervision of the licensing authority.

MED.D.020 Training courses in aviation medicine

- (a) Training courses in aviation medicine shall be approved by the competent authority of the Member State where the organisation providing it has its principal place of business. The organisation providing the course shall demonstrate that the course syllabus is adequate and that the persons in charge of providing the training have adequate knowledge and experience.
- (b) Except in the case of refresher training, the courses shall be concluded by a written examination on the subjects included in the course content.
- (c) The organisation providing the course shall issue a certificate of completion to applicants when they have obtained a pass in the examination.

MED.D.025 Changes to the AME certificate

- (a) AMEs shall notify the competent authority of the following changes which could affect their certificate:
 - (1) the AME is subject to disciplinary proceedings or investigation by a medical regulatory body;
 - (2) there are any changes to the conditions on which the certificate was granted, including the content of the statements provided with the application;
 - (3) the requirements for the issue are no longer met;
 - (4) there is a change of aero-medical examiner's practice location(s) or correspondence address.
- (b) Failure to inform the competent authority shall result in the suspension or revocation of the privileges of the certificate, on the basis of the decision of the competent authority that suspends or revokes the certificate.

MED.D.030 Validity of AME certificates

An AME certificate shall be issued for a period not exceeding 3 years. It shall be revalidated subject to the holder:

- (a) continuing to fulfil the general conditions required for medical practice and maintaining registration as a medical practitioner according to national law;
- (b) undertaking refresher training in aviation medicine within the last 3 years;
- (c) having performed at least 10 aero-medical examinations every year;
- (d) remaining in compliance with the terms of their certificate; and
- (e) exercising their privileges in accordance with this Part.

SECTION 2

General Medical Practitioners (GMPs)

MED.D.035 Requirements for general medical practitioners

- (a) GMPs shall act as AMEs for issuing LAPL medical certificates only:
 - (1) if they exercise their activity in a Member State where GMPs have appropriate access to the full medical records of applicants; and
 - (2) in accordance with any additional requirements established under national law.
- (b) In order to issue LAPL medical certificates, general medical practitioners (GMP) shall be fully qualified and licensed for the practice of medicine in accordance with national law.
- (c) GMPs acting as AMEs shall notify their activity to the competent authority.

SECTION 3

Occupational Health Medical Practitioners (OHMP)

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