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Minimum requirements of the Luftfahrt-Bundesamt for refresher training for the renewal of class and type ratings, instrument ratings, instructor ratings CRI(A)/IRI(A), MCCI(A) authorisations and instructor competencies for MPL(A)

For refresher training to renew a rating or authorisation on the licence, the Luftfahrt-Bundesamt has laid down the following minimum standards:

A: Single-engine aeroplane class ratings (JAR-FCL 1.245(f)(2))

If a single-pilot **single-engine** class rating has expired, the applicant shall complete the **skill test** according to Appendix 1 to JAR-FCL 1.240 and 1.295 and Appendix 3 to JAR-FCL 1.240.

B: Helicopter type ratings, single-engine aeroplane type ratings and multi-engine aeroplane class and type ratings (JAR-FCL 1.245(f)(1) / 2.245(e))

1. Renewal of a class or type rating being expired by less than 6 months

The applicant shall meet the requirements according to JAR-FCL 1.245/2.245 applicable to the class or type rating and complete a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295 on the relevant aeroplane class or type or approved synthetic training device (STD).

2. Renewal of a class or type rating being expired for more than 6 but less than 24 months with flying activities on any other comparable class/type of aircraft in the meantime

The applicant shall meet the requirements according to JAR-FCL 1.245/2.245 applicable to the class or type rating and complete a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295, plus, as a theory refresher, a theoretical knowledge check conducted by the examiner to be endorsed by making the appropriate annotation in the remarks box ("Bemerkungen") on the test/check form.

3. Renewal of a class or type rating being expired for more than 6 but less than 24 months without flying activities on any other comparable class/type of aircraft in the meantime

The applicant shall meet the requirements according to JAR-FCL 1.245/2.245 applicable to the class or type rating and complete a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295, plus a theory refresher according to Appendix 1 to JAR-FCL 1.261(a) / 2.261(a). In addition, to renew VFR privileges, a training flight of at least 1 hour's duration is required, for an instrument rating the respective requirement as indicated in C must be fulfilled.

4. Renewal of a class or type rating being expired for more than 24 months but less than 36 months with flying activities on any other comparable class/type of aircraft in the meantime

As indicated in B.3.

5. Renewal of a class or type rating being expired for more than 24 but less than 36 months without flying activities on any other comparable class/type of aircraft in the meantime

As indicated in B.3, satisfactory completion of training must be demonstrated by a training organisation (FTO, TRTO) or an aircraft operator (AOC holder) holding an approval to conduct training for the relevant type or class.*

6. Renewal of a class or type rating being expired for more than 3 but less than 7 years

The FTO/TRTO or the AOC holder approved to conduct training for this type/class of aircraft must



submit an applicable refresher training programme (theoretical knowledge and skill) to the authority for approval prior to commencing the refresher training. **The FTO, TRTO or AOC holder must demonstrate that refresher training has been successfully completed.*** The training shall be followed by a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 /2.240 and 2.295.

7. Renewal of a type rating for helicopters or single-engine aeroplanes or a class or type rating for multi-engine aeroplanes being expired for more than 7 years

The applicant will be required to complete the training and checking requirements according to JAR-FCL 1.261 and 1.262/2.261 and 2.262.

C: Instrument ratings (JAR-FCL 1.246(b)/2.246(b))

1. Renewal of an instrument rating for class/type ratings for applicants holding a valid instrument rating for any other class/type of aircraft

Applicants shall complete a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295.

2. Renewal of an instrument rating being expired up to 3 years for applicants not holding a valid instrument rating for any other class/type of aircraft

Applicants shall complete a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295 plus at least 3 additional instrument approaches.

3. Renewal of an instrument rating being expired for more than 3 but less than 7 years for applicants not holding a valid instrument rating for any other class/type of aircraft

The FTO/TRTO or the AOC holder approved to conduct training for this type/class of aircraft must submit an applicable refresher training programme (theoretical knowledge and skill) to the authority for approval prior to commencing the refresher training. The FTO, TRTO or AOC holder must demonstrate that refresher training has been completed. (AOC holder: only combined with a renewal of a class or type rating). * The training shall be followed by a proficiency check according to Appendix 1 to JAR-FCL 1.240 and 1.295 / 2.240 and 2.295.

4. Renewal of an instrument rating being expired for more than 7 years for applicants not holding a valid instrument rating for any other class/type of aircraft

The FTO/TRTO or the AOC holder approved to conduct training for this type/class of aircraft must submit an applicable **refresher training programme (theoretical knowledge and skill)** to the authority for approval prior to commencing the refresher training. **The FTO, TRTO or AOC holder must demonstrate that refresher training has been successfully completed.** (AOC holder: only combined with a renewal of a class or type rating). According to JAR-FCL 1.185(c)/2.185(c), the applicant has to retake the theoretical knowledge examination and the skill test to obtain an IR(A) according to JAR-FCL 1.195 and 1.210 or IR(H) according to JAR-FCL 2.195 and 2.210.

5. Renewal of an instrument rating for a class or type considering a comparable instrument rating for a class or type being expired less than 7 years

Unless the instrument rating of a specific class or type shall be renewed but an instrument rating for any other class or type, the more recent (other) expiry date may be taken into consideration and that date remains the expiry date of the rating, in so far as the comparability of the class/type (e.g. SE/ME) can be demonstrated. The requirements as indicated in C.2 or C.3 respectively shall be met for the rating to be renewed.

6. Issue of a new instrument rating for any further class or type on the basis of a comparable IR for any other class or type of aircraft being expired less than 7 years

Where an instrument rating has expired, to obtain a new instrument rating for any other class or type, a comparable IR (e.g. SE/ME) that has expired may be considered. The renewal of an IR may be combined with the initial issue of the other class or type rating. An applicable refresher training



programme (theoretical knowledge instruction and skill) must be submitted by the FTO/TRTO or the AOC holder approved to conduct training for this rating to the authority for approval prior to commencing the refresher training. The requirements as indicated in C.2 or C.3 respectively shall be met.

JAR-FCL 1.250(a)(1) deutsch (initial issue MPA) remains unaffected.

- D:**
- ◆ **Instructor ratings**
 - **CRI(A) (JAR-FCL 1.385 (b))**
 - **IRI (JAR-FCL 1.400 (b))**
 - ◆ **MCCI(A) authorisation (JAR-FCL 1.418 (b) (1))**
 - ◆ **Instructor competencies for MPL(A) (JAR-FCL 1.310 (d) (3))**

Unless applicants can be credited with other instructor ratings (e.g. FI, TRI etc.) or experience as an authorised instructor according to JAR-FCL 1.355 or 2.310(b) and 2.320G the scope of required refresher training must be determined in a **refresher training programme** and submitted by the FTO/TRTO approved to conduct this training to the authority for approval. **The successful completion of the refresher training must be demonstrated by the FTO or TRTO.***

Following the refresher training for CRI(A) and IRI(A) a proficiency check according to Appendix 1 and 2 to JAR-FCL 1.340 and 1.345 must be completed.

Final remarks:

I. Class/type rating including IR

The requirements for the instrument rating (IR) must be always seen in addition, i.e., when renewing a class or type rating including IR the applicant shall not only meet the requirements referred to in A or B but additionally the standards as indicated in C.

II. Other ratings or activities

Any reference to other ratings or activities explicitly refers only to such ratings or activities resulting from the corresponding licence (accor. to JAR-FCL/LuftPersV).

III. Comparable classes/types

The decisive factor for the comparability of classes or types is the **minimum crew** required by the aircraft type certificate (Single Pilot/Multi Pilot). Other criteria are the **type of operation**, the **number of engines**, the **cockpit layout** and the **aircraft mass**. Due to the multitude of options it would be impossible to list all comparable aircraft here. In case of doubt, to avoid problems, the LBA should be consulted in advance and in due time.

IV. Comparability of IR:

The key factor is the number of engines (SE/ME).

*In circumstances where the foregoing provisions do not cover the individual case (e.g. individual aircraft or rare types), an individual agreement shall be made with the authority prior to commencing refresher training.