

FINNISH TRANSPORT SAFETY AGENCY

MILITARY SERVICES CREDIT REPORT FOR AEROPLANES

Report to define the means for military flight crew to obtain European Part FCL licenses in accordance with Regulation (EU) N:o 1178/2011 – the “EASA Aircrew Regulation”.

This report fulfils the obligation placed on a Member State of the European Union by Article 10 of the EASA Aircrew Regulation (EU) N:o 1178/2011 concerning arrangements to give credit for training gained during military service for the purposes of the relevant requirements of Annex I of the EASA Aircrew Regulation. It has been prepared by the Finnish Transport Safety Agency as the Competent Authority for the Finland.

Point of Contact within the Finnish Transport Safety Agency

Inquiries about this report should be sent to:

Finnish Transport Safety Agency

Aviation Licenses –unit

PL320, 00101 HELSINKI FINLAND

E-mail: lupakirjat@trafi.fi

Military Services – EASA Credit Report for aeroplanes

1. Introduction

This Credit Report is compiled by Finnish Transport Safety Agency aviation licenses –unit in a co-operation with flight operations training –unit and Finnish Air Force.

This credit report compares the theoretical knowledge elements and the flying training and experience obtained in military service with the relevant requirements on Annex I of Commission regulation (EU) N:o 1178/2011.

This credit report establishes supplemental training and other conditions for the issue aeroplane pilot licenses and associated ratings for applicants who has gained knowledge, skills and experience in military service.

Credit procedures described in this report can be applied to applicants who has started flight officer training programme after first of January 2010. Applicants who has started training before first of January 2010 shall request Finnish Transport Safety Agency for crediting procedures. These applicants shall be handled case by case taking into account this credit report and former credit reports.

When calculating flight experience gained in military, flight time can be added by 5 minutes per flight. Flight time in Finnish Air Force is calculated from take-off to landing.

Regulation 1178/2011 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.

2. National requirements for military flight crew licences

Flight officer training programme in Finnish Air Force is university-level military education. Flight officers training composes of reserve officer course and cadet course. Reserve officer course is conscripts military service and cadet course comprises master's degree in military science. Finnish Air Force has started flight officers training programme described here in 2010

In reserve officer course, conscripts studies full private pilot license (PPL) theoretical training for aeroplanes, duration of 150 hour. Theoretical training covers fully PPL theoretical knowledge according to Commission regulation (EU) N:o 1178/2011, except theoretical knowledge examination provided by authority. During reserve conscript course conscripts completes VN1 flight training programme and after successful completion of training they obtains reserve military pilot certificate (reservin sotilaslentäjätodistus).

After graduating from reserve officer course part of reserve officers proceeds to cadet course and continues flight officer training programme. Aviation theories in flight officers training programme consists ATPL theoretical theories and military aviation theories. Theoretical training covers fully ATPL theoretical knowledge according to Commission regulation (EU) N:o 1178/2011 except theoretical knowledge examination provided authority. Total duration of aviation theories in flight officers training programme is 930 hours. 150 hours in reserve officer course and 780 hours in cadet course.

Flight officer flight training consist VN1, VN2, HW1 and HW2 training programmes. Aircraft used in VN1 and VN2 is single-engine piston (SEP) Vinka L70 and in HW1 and HW2 is single-engine two-seat advanced jet trainer BAE systems Hawk 51 and 66. Flight training includes class or type rating training, navigation training, instrument training, aerobatic training, formation training, night flying training and tactical training.

VN1 flight training programme consists typically 44 flights 35 hours and 45 minutes of total flight time, 38 flights 29 hours and 15 minutes of school flights, 6 flights 6 hours and 30 minutes of pilot in command flights and 15 flights 11 hours in FSTD (flight synthetic training device). It covers PPL flight training items. Flight time in military is calculated from take-off to landing.

After successful completion of theoretical training, VN1, VN2 and HW1 flight training programmes cadets obtains military pilot certificate (sotilaslentäjätodistus). When obtaining a military pilot certificate, an Air Force pilot has typically gained about 140 hours flight experience, of which about 90 hours on an elementary training aeroplane (SEP land) and about 50 hours on an advanced jet trainer. Moreover, he has received about 70 hour's flight training on an FSTD (flight synthetic training device).

Common to all flight officers, training ends to HW2. By the time flight officers have typically gained total of 250 hours flight time in aircrafts and 90 hours in FSTD. By the time flight officers graduate as masters of military science officers have continued to different Air Force units to obtain Fighter training, flight instructor training or other type rating training.

3. Requirements for supplemental training for private pilot license (PPL) and single-engine piston (SEP land) rating

3.1. Prerequisites

- 3.1.1. Applicant shall hold reserve military pilot certificate or military pilot certificate

3.2. Theoretical knowledge instruction

- 3.2.1. If more than 12 months has gained after completion of reserve officer course aviation theoretical training, applicant shall complete refresher training at training organization being approved or declared in accordance with Commission regulation (EU) N:o 1178/2011 and pass the training organizations PPL theoretical knowledge tests in all subjects and obtain a certificate of satisfactory completion.

- 3.2.2. Applicant for credit shall pass theoretical knowledge examination for PPL provided by Finnish Transport Safety Agency

3.3. Flight training

- 3.3.1. In case the aeroplane used for the skill test is of a different type from that flown in the Air Force during the last 12 months, the applicant for credit must receive the type, class, differences or familiarization training as required in accordance with Commission regulation (EU) N:o 1178/2011.

- 3.3.2. The training organization shall complete evaluation flight to applicant and applicant shall take refresher training when necessary. Evaluation flight shall cover all PPL skill test maneuvers and procedures.

- 3.3.3. Applicant for credit shall have completed not less than 10 hours of solo flight time under the supervision of an authorized flight instructor, including 5 hours of solo cross-country flight time. Experience gained in military can be taken into account when calculating applicant's solo flight time.

- 3.3.4. Applicant for credit, who have not completed equivalent flight during military flight training, shall complete solo cross-country flight of at least 270km (150NM), during which full stop landings at 2 aerodromes different from the aerodrome of departure.

3.4. Skill test

- 3.4.1. The applicant for credit shall pass the skill test for the license issue.

4. Requirements for supplemental training for commercial pilot license (CPL) license, night flying (NF) and instrument (IR) rating

4.1. Prerequisites

- 4.1.1. Applicant shall hold military pilot certificate

4.2. Theoretical knowledge instruction

- 4.2.1. If more than 12 months has gained after completion of airline transport pilot license (ATPL) theoretical training in military, applicant shall complete refresher training at an approved training organization (ATO) and pass the ATO theoretical knowledge test in all subjects and obtain a certificate of satisfactory completion.
- 4.2.2. If applicant has not received ATPL theoretical knowledge instruction in military, applicant shall complete 650 hours ATP modular course at an ATO according to Commission regulation 1178/2011 Appendix 3 item B. Applicant shall be credited towards requirement set in Appendix 3 item B 1) a).
- 4.2.3. Applicant for credit shall pass theoretical knowledge examination for ATPL(A) or CPL(A) and IR(A) provided by Finnish Transport Safety Agency

4.3. Flight training

- 4.3.1. The applicant for credit must have satisfactorily completed the Air Force training programmes for military pilot certificate. As evidence of this training, he must hold a military pilot certificate. Total flight experience must be at least 250 hours, of which 25 hours as student and/or pilot-in-command during the last 12 months. All flight time flown with the Air Force fleet is accepted as flight experience.
- 4.3.2. ATO shall complete evaluation flight to applicant and applicant shall take refresher training when necessary.
- 4.3.3. If the applicant does not have recent flight experience from the Air Force, also the flight time flown as a student at an ATO during the 12 months preceding the application shall be accepted. In this case the flight time must be at least 10 hours. ATO shall give certificate of it.

4.4. Skill test

- 4.4.1. The applicant for credit shall pass the skill test for a commercial pilot license on either a multi-engine aeroplane or a single-engine aeroplane in accordance with Appendix 4 to Commission Regulation 1178/2011, and the skill test for an instrument rating on either a multi-engine aeroplane or a single-engine aeroplane in accordance with Appendix 7 and 2 to Commission Regulation 1178/2011.
- 4.4.2. In case the aeroplane used for the skill test is of a different type from that flown in the Air Force during the last 12 months, the applicant for credit must receive the type, class, differences or familiarisation training as required in accordance with Commission regulation 1178/2011.

5. Requirements for supplemental training for type and class ratings

5.1. Prerequisites

- 5.1.1. Applicant for credit shall hold at least PPL license
- 5.1.2. Applicant shall hold Military pilot certificate
- 5.1.3. Applicant shall produce sufficient documentation of flight experience to show evidence of total flight experience and on class or type
- 5.1.4. Experience gained on military aircraft can be taken into account when calculating the applicant's total flight time.

5.2. Type rating for an aircraft certificated as multi-pilot aeroplane or single pilot aeroplane

- 5.2.1. Applicant has at least 500 hours flight time as pilot on the relevant type of aeroplane;
- 5.2.2. Applicant has, within the 12 months preceding the skill test, completed at least 10 route sectors as pilot;
 - 5.2.2.1. If applicant does not have recent experience on aircraft type, applicant shall take refresher training at an approved training organization (ATO)
- 5.2.3. Applicant completes a skill test according to appendix 9 to a flight examiner authorized in accordance with part FCL requirements;
- 5.2.4. For multi-pilot aeroplanes applicant shall complete multi-crew cooperation training course according to FCL.735.A

5.3. Class rating for an aircraft type designated as single-pilot aeroplane

- 5.3.1. Applicant has at least 100 hours flight time as pilot on the relevant class of aeroplane;
- 5.3.2. Applicant has, within the 12 months preceding the skill test completed at least 10 route sectors as pilot;
 - 5.3.2.1. If applicant does not have recent experience on aircraft type, applicant shall take refresher training at an ATO (including possible differences training)
- 5.3.3. Applicant completes skill test according to appendix 9 to a flight examiner authorized in accordance with part FCL requirements.

6. Requirements for supplemental training for flight instructor (FI) rating

6.1. Prerequisites

- 6.1.1. Applicant shall comply with FCL.915.FI requirements
- 6.1.2. Applicant shall hold a military pilot certificate
- 6.1.3. Applicant shall have passed a military flight instructor training provided by Finnish Air Force

6.2. Theoretical knowledge instruction

- 6.2.1. Applicant may be exempted from theoretical knowledge training at the discretion of the relevant approved training organization (ATO). However, applicant must successfully complete theoretical knowledge examinations in all subjects contained in the flight instructor training program and obtain a certificate on their completion at an ATO.

6.3. Flight training

- 6.3.1. Applicant shall complete pre-entry flight test required by FCL.930.FI (a) and ATO shall assess applicant's skill to flight instruction by assessment flight.
- 6.3.2. The amount of credit shall be determined on a case-by-case basis by the ATO. The ATO shall assess also applicant's ability to instruct civil aviation procedures.

6.4. Assessment of competence

- 6.4.1. Applicant for credit shall pass assessment of competence according to FCL.935

6.5. Restricted privileges

- 6.5.1. Applicant shall be issued a restricted FI rating according to FCL.910.FI. The restriction may be removed when the flight instructor, on training courses in accordance with Commission regulation (EU) N:o 1178/2011, has:
 - 6.5.1.1. Given at least 50 hours flight instruction and supervised at least 12 student solo flights.

6.6. Crediting flight instruction experience during military service

- 6.6.1. Flight instruction experience gained during military service can be credited towards additional FI privileges but not for more than half of the flight training experience requirements set in Commission regulation (EU) N:o 1178/2011.

7. Requirements for supplemental training for other ratings

7.1. Aerobatic rating

- 7.1.1. The applicant holds military pilot certificate or reserve military pilot certificate
- 7.1.2. The applicant shall hold a valid pilot license for aeroplanes or applies licence according to this credit report

7.2. Night rating

- 7.2.1. The applicant holds military pilot certificate
- 7.2.2. Applicant shall produce sufficient documentation of flight experience to demonstrate that the night flight experience exceeds the requirements set in FCL.810 (a) (1).

8. Table of privileges, requirements and limitations

National military training	Total flying experience in military	Credit to be given	Further requirements	EASA Part FCL license and/or rating	Removal conditions
Reserve military pilot	35h 45 min	FCL.210	Supplemental training 3.2 and 3.3	PPL(A) license SEP(land) rating, aerobatic rating	N/A
Military pilot	250h	FCL.315, FCL.610 and FCL.615	Supplemental training 4.2 and 4.3	CPL(A), Night rating, Instrument rating IR(A)	N/A
Military pilot and military flight instructor training	more than 250h	FCL.930	Supplemental training 6.2 and 6.3 Experience requirements 6.6.1	Flight instructor rating FI(A) restricted	6.5.1.1
Military pilot and military class rating	more than 350h	FCL.725, FCL.720.A	Experience requirements 5.3.1 and 5.3.2	Class rating for single pilot aeroplanes	N/A
Military pilot and military type rating	More than 750h	FCL.725, FCL.720.A and FCL.725.A	Experience requirements 5.2.1 and 5.2.2	Type rating for single pilot aeroplanes	For multi-pilot aircraft types FCL.735.A