



Issued: 9 June 2017

Type Rating Instructor (Aeroplane) (TRI(A)) & Synthetic Flight Instructor (Aeroplane) (SFI(A)) Revalidation and Renewal

This Information Notice contains information that is for guidance and/or awareness.

Recipients are asked to ensure that this Information Notice is copied to all members of their staff who may have an interest in the information (including any 'in-house' or contracted maintenance organisations and relevant outside contractors).

Applicability:	
Aerodromes:	Not primarily affected
Air Traffic:	Not primarily affected
Airspace:	Not primarily affected
Airworthiness:	Not primarily affected
Flight Operations:	All AOC Holders
Licensed/Unlicensed Personnel:	ATOs, TRI(A)s, SFI(A)s, SFE(A)s and TRE(A)s

1 Introduction

- 1.1 This Information Notice clarifies the requirements for the revalidation and renewal of SFI(A) certificates and TRI(A) certificates that include 'aircraft' privileges. It also includes information regarding SFI(A) privileges and conditions.
- 1.2 Part-FCL requires SFIs and TRIs to revalidate their instructor certificate by satisfying the requirements detailed in FCL.940.TRI or FCL.940.SFI.
- 1.3 FCL.940 – SFI and TRI certificates shall be valid for a period of three years.
- 1.4 All training for the issue, revalidation or renewal of a TRI/SFI certificate must be carried out by an Approved Training Organisation (ATO) in accordance with an Approved TRI/SFI Course.
- 1.5 There are risks when training is conducted on aircraft. These risks are increased when the TRI, even though valid in licensing terms, is out of practice. For this reason operators and ATOs should control and minimise risks through their Safety Management Systems. This may include appropriate practice and/or refresher training in the FFS or aircraft prior to conducting aircraft training.
- 1.6 This Information Notice supersedes IN-2016/043.

2 TRI(A) Training & Revalidation

2.1 The following TRI(A) qualifications are recognised:

- TRI(A) FFS
- TRI(A) FFS and LIFUS Instructor
- TRI(A) A/C (T/os and Idgs only) and LIFUS Instructor
- TRI(A) A/C and FFS
- TRI(A) A/C

2.2 The endorsements 'and LIFUS instructor', 'T/o's and Idgs only', or 'A/C' when added to 'FFS' all require 'upgrade' courses of appropriate duration.

A TRI AoC in the FFS must include demonstration of skill relevant to instructing privileges held. Therefore TRIs wishing to Renew or Revalidate TRI qualifications which include 'TRI(A) FFS and LIFUS Instructor', 'TRI(A) A/C (T/os and Idgs only) and LIFUS Instructor' or TRI(A) A/C and FFS should be assessed in a control seat in addition to the IOS during the AoC. A TRI(A) only Renewing or Revalidating in the FFS can be assessed solely in a control seat in the FFS. (FCL.935)

An AoC for initial grant of TRI(A) on Type must be conducted on the aircraft.

2.3 TRI(A) Revalidation

For the revalidation of a TRI(A) certificate the applicant shall, within the last 12 months preceding the expiry date of the certificate, fulfil one of the following three requirements:

i) **Experience (FCL.940.TRI(a)(1)(i))**

Conduct at least three hours instruction in a simulator:

- As part of a complete type rating course, or;
- Recurrent or remedial training, as determined by the ATO, for the issue, revalidation or renewal of a type rating.

Or

Conduct one air exercise of at least one hour, including a minimum of two take-offs and landings:

- As part of a complete type rating course, or;
- Recurrent or remedial training, as determined by an ATO, for the issue, revalidation or renewal of a type rating.

ii) **Refresher Training (FCL.940.TRI(a)(1)(ii))**

Receive instructor refresher training as a TRI at an ATO. The instructor refresher training for the TRI must be determined by the ATO on an individual basis. The procedure for determining the extent and content of the training shall be detailed within the ATO's training manual.

As instructor refresher training for a TRI revalidation will only be required when the TRI has not met the TRI experience requirements detailed in FCL.940.TRI(a)(1)(i), the TRI

is likely to be out of practice in the role. The refresher training should therefore address all elements of the TRI role including briefing, practical training, debriefing and completion of all associated paperwork. As refresher training is an alternative to an Assessment of Competence as a means of revalidation, the ATO must ensure that the TRI has been trained to a proficient standard.

The ATO shall record the training delivered and issue a Course Completion Certificate as evidence of this refresher training having been completed.

iii) **Assessment of Competence (AoC), (FCL.940.TRI(a)(1)(iii); FCL.935)**

Pass an Assessment of Competence (AoC) conducted in accordance with the requirements of Standards Document 43 and the relevant appendix.

When the AoC is conducted in a simulator the assessment should include a minimum of three hours of flight instruction. When the AoC is conducted in an aeroplane the assessment should include a minimum of one hour of flight instruction.

For at least each alternate revalidation of a TRI(A) certificate, the holder shall have to pass the AoC detailed in (iii) above. (FCL.935.TRI).

- 2.4 If a person holds a TRI(A) certificate on more than one type of aircraft in the same category the AoC taken on one of those types shall revalidate the TRI(A) certificate for the other types held in the same category.

Note 1: FCL.940.TRI (a) (1) (iii) requires a TRI to pass an AoC in accordance with FCL.935 in order to revalidate their TRI certificate. It has to be emphasised that FCL.940.TRI refers to FCL.935, not to FCL.935.TRI. This is important as only the latter contains a legal basis for the 'FSTD restriction'.

Consequently, FCL.935.TRI, including the need to restrict the TRI certificate when the AoC is conducted in an FSTD, is applicable to the initial issue of a TRI certificate only.

In other words once the FFS restriction is lifted in accordance with FCL.935.TRI for any further revalidation of the TRI certificate FCL.935 will apply. Therefore further assessments of competence can take place in an aircraft or FSTD. The FFS restriction remains lifted.

Note 2: When an instructor holds both simulator and aircraft privileges, an AoC in an aircraft, conducted in accordance with Standards Document 43, revalidates both the simulator and aircraft privileges.

Note 3: A TRI(A) revalidation AoC may be conducted during an aircraft training session for a non type rated pilot provided the TRI(A) subject to the AoC has a valid TRI(A) on type and is occupying a control seat.

Note 4: An AoC for the issue, renewal or revalidation of a TRI(A) on the aircraft must be conducted by an Examiner nominated by the ATO for the purpose. The Examiner must hold a valid TRI(A) including aircraft privileges on type and at least an 'FFS' TRE Authorisation with (a)5 privileges (FCL.1005.TRE(a)5). Examiners are reminded that they cannot conduct an AoC for the issue, revalidation or renewal of TRI privileges greater than the valid TRI privileges they hold.

Note 5: 'Category of aircraft' means a categorisation of aircraft according to specified basic characteristics, for example aeroplane, powered-lift, helicopter, airship, sailplane, free balloon. (FCL.010 Definitions).

Note 6: The 'LIFUS Instructor' element can be revalidated/renewed in the FFS provided the AoC includes assessment of 'LIFUS Instructor' competence.

3 SFI(A) Revalidation

3.1 For the revalidation of an SFI(A) certificate the applicant shall, within the validity period of the certificate, fulfil two of the following three requirements:

i) **Experience (FCL.940.SFI.(a)(1)):**

Complete 50 hours as an instructor or an examiner in FSTDs, of which 15 hours shall be within the 12 months preceding the expiry date of the SFI certificate.

ii) **Refresher Training (FCL.940.SFI.(a)(2)):**

Receive instructor refresher training as a SFI at an ATO. The instructor refresher training for the SFI must be determined by the ATO on an individual basis. The procedure for determining the extent and content of the training shall be detailed within the ATO's training manual.

An ATO may deem it acceptable that refresher training is planned for a group of instructors in a seminar style in a classroom. However, the ATO shall ensure that the refresher training adequately addresses the needs of the individual instructor and should include practical training where necessary.

The ATO shall record the training delivered and issue a course completion certificate as evidence of this refresher training having been completed.

iii) **Assessment of Competence (AoC), (FCL.940.SFI.(a)(3)):**

Pass an AoC within the 12 months preceding the expiry date of the certificate. The AoC shall be conducted in accordance with the requirements of Standards Document 43 Appendix C. The assessment must consist of at least three hours of flight instruction on the applicable FSTD.

Note 1: An AoC for the issue, renewal or revalidation of a SFI(A) must be conducted by an examiner nominated by the ATO for the purpose. The examiner must hold a valid TRI(A) or SFI(A) and a TRE/SFE Authorisation with '(a)5' privileges. (FCL.1005.(a)5). Examiners are reminded that they cannot conduct an AoC for the issue, revalidation or renewal of TRI/SFI privileges greater than the valid TRI/SFI privileges they hold.

3.2 For at least each alternate revalidation of a SFI(A) certificate, the holder shall have to pass an AoC as a SFI on one of the types within the certificate, as detailed in (iii) above. It is not necessary for an AoC to be conducted on each type within the SFI certificate for revalidation purposes.

Note 1: Examiners conducting annual proficiency checks on the specific aircraft type(s) representing the type(s) for which the privileges held on the SFI Certificate, will comply with the validity period requirements of ARA.FCL.215, in that they shall extend the validity period until the end of the relevant month.

3.3 SFIs providing instruction for the renewal or revalidation of the instrument flying privileges that are associated with type ratings are required to comply with FCL.905.SFI(a):

FCL.905.SFI SFI – Privileges and Conditions

The privileges of an SFI include the conduct of synthetic flight instruction, within the relevant aircraft category, for the issue, revalidation and renewal of an IR, provided that the SFI holds

or has held an IR in the relevant aircraft category and has completed an IRI training course.

- 3.4 Under JAR-FCL, the UK CAA allowed Synthetic Flight Instructors (SFIs) to give instruction for the renewal or revalidation of the instrument flying privileges that are associated with type ratings; i.e. the renewal or revalidation of a Type Rating combined with the type-specific Instrument Rating (IR). SFIs were not permitted to provide training for the general non-type-specific Instrument Ratings or for the initial grant of the type specific IR privileges.
- 3.5 It is CAA policy that, for SFIs to exercise such privileges they must have completed a type rating proficiency check, including the type specific instrument rating content, within the last 12 months.

4 TRI(A) Renewal

- 4.1 For the renewal of a TRI(A) certificate the applicant shall fulfil the following requirements:
- i) Complete within the last 12 months preceding the application at least 30 route sectors, to include take-offs and landings on the applicable aeroplane type, of which not more than 15 sectors may be completed in a flight simulator.
 - ii) Complete the relevant parts of a TRI course at an ATO. The content of this training shall be determined by the ATO's Head of Training taking into account the length of time that the certificate has lapsed. If the applicant's certificate has lapsed for a period greater than 12 months then some training in a FFS or FTD 2 shall be required.
 - iii) Conduct three hours of flight instruction on the applicable type of aeroplane under the supervision of a TRI(A).
 - a) **TRI(A) requiring Aircraft privileges only:**

The three hours of flight instruction must include a minimum of one hour of instruction in an aircraft which includes a minimum of two take-offs and landings, the remaining time may be conducted in a simulator of the applicable type with the TRI(A) providing instruction from a pilot's seat.
 - b) **TRI(A) requiring Aircraft and Simulator privileges:**

The three hours of flight instruction must include a minimum of one hour of instruction in an aircraft which includes a minimum of two take-offs and landings, the remaining time may be conducted in a simulator of the applicable type with the TRI(A) providing instruction from the instructor station.
 - c) **TRI(A) Restricted – Simulator only:**

The three hours of flight instruction shall be conducted in a simulator of the applicable type with the TRI(A) providing instruction from the instructor station.

Note 1: The three hours of flight instruction in paragraph (iii) shall, either be part of a complete type rating course or be recurrent/remedial training for the issue, revalidation or renewal of a type rating.

Note 2: The TRI(A) who provides the supervision required in FCL.940.TRI(b)(1)(iii) must hold the appropriate privileges for the instruction being given, i.e. if the instruction is given in an aircraft then the supervising TRI(A) must hold appropriate aircraft privileges.

Note 3: All the training undertaken to satisfy the requirements for the renewal of a TRI(A) certificate must be conducted under the management of an ATO.

Note 4: An AoC for the issue, renewal or revalidation of a TRI(A) on the aircraft must be conducted by an examiner nominated by the ATO for the purpose. The examiner must hold a valid TRI(A) including appropriate TRI(A) privileges on type and at least an 'FFS' TRE Authorisation with '(a)5' privileges (FCL.1005.TRE AMC1 FCL.930.TRI). Examiners are reminded that they cannot conduct an AoC for the issue, revalidation or renewal of TRI privileges greater than the valid TRI privileges they hold.

Note 5: A TRI(A) renewal AoC cannot be conducted during an aircraft training session for a non type rated pilot as the instructing pilot must hold a valid TRI(A) on type.

5 SFI(A) Renewal

5.1 For the renewal of an SFI(A) certificate the applicant shall, within the 12 months preceding the application:

- i) Complete the simulator content of the SFI training course.
- ii) Receive instructor refresher training as an SFI at an ATO. The content of this training shall be determined by the ATO's Head of Training taking into account the length of time that the certificate has lapsed. If the applicant's certificate has lapsed for a period greater than 12 months then some training in a FFS or FTD 2 shall be required.

The procedure for determining the extent and content of the training shall be detailed within the ATO's training manual. The refresher training should therefore address all elements of the SFI role including briefing, practical training, debriefing and completion of all associated paperwork. The procedure for determining the extent and content of the training shall be detailed within the ATO's training manual.

An ATO may deem it acceptable that refresher training is planned for a group of instructors in a seminar style in a classroom. However, the ATO shall ensure that the refresher training adequately addresses the needs of the individual instructor and should include practical training where necessary.

The ATO shall record the training delivered and issue a course completion certificate as evidence of this refresher training having been completed.

- iii) Pass an AoC. The AoC shall be conducted in accordance with the requirements of Standards Document 43 Appendix C. The assessment must consist of at least three hours of flight instruction on the applicable FFS.

Note 1. A pilot holding a valid type rating is deemed to have met the requirement detailed in (i) above. (FCL.930.SFI (a)(1)).

6 TRI/SFI Certificate – Expiry Dates

6.1 Revalidation:

The new expiry date following the revalidation of an SFI or TRI certificate will be three years from the current expiry date, including the remainder of the month.

6.2 Renewal SFI(A):

The new expiry date following the renewal of an SFI will be three years from the date of the AoC including the remainder of the month.

6.3 Renewal TRI(A):

The new expiry date following the renewal of a TRI certificate will be three years from the date of the application, including the remainder of the month.

7 Examiner Certificates – (FCL.1000(a) General)

- 7.1 Holders of an examiner certificate shall 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. Additionally holders of an examiner certificate shall be qualified to act as PIC on the aircraft during a skill test, proficiency check or assessment of competence when conducted on the aircraft.

8 Queries

- 8.1 For further details please refer to CAA Standards Document 43 - Instructions and Procedures for Type Rating Instructor (Aeroplane), Synthetic Flight Instructor (Aeroplane) and Type Rating Instructor (High Performance Complex Aeroplanes) Course Providers.
- 8.2 Any queries or further guidance required as a result of this communication should be addressed to instructors@caa.co.uk.

9 Cancellation

- 9.1 This Information Notice shall remain in force until further notice.