


Irish Aviation Authority The Times Building 11–12 D'Olier Street Dublin 2, Ireland www.iaa.ie Safety Regulation Division	Údarás Eitlíochta na Éireann Foirgneamh na hAmanna 11–12 Sráid D'Olier Baile Átha Cliath 2, Éire Rannán na Rialachán Sábháilteachta	No. PLAM.034 Revision 0 Area ACW Date 12.11.2021	
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BALLOON PILOT LOGBOOK ENDORSEMENTS

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Purpose of This Personnel Licensing Advisory Memoranda (PLAM).

This PLAM provides guidance for pilots, flight instructors and examiners on requirements for endorsements to be maintained in logbooks in accordance with Annex III PART-BFCL to Regulation (EU) 2020/357.

Applicability

The following endorsements are for use by instructors and/or examiners for endorsing logbooks when certifying accomplishment of requirements for pilot operating privileges. Each endorsement must be legible and include the instructor's/examiner's signature, Instructor's/examiner's name, date of signature, and Licence number. Any element included in an endorsement that does not form part of the certified training shall be struck out by ruling a line through that item.


Use of the Endorsement

The endorsements shall be entered the pilot's log book upon completion and satisfactory demonstration of proficiency in the applicable privilege. The endorsement shall be entered in the logbook of the pilot and signed by the head of training of the ATO or the DTO or the instructor that is responsible for the training, as applicable.

The endorsement may be entered onto the page where the training is recorded or may be placed on pages located at the front or rear of the logbook, or on pages assigned for such a purpose.

Each endorsement may be hand written in the logbook or copied and printed onto labels for easier use.

Each endorsement shall carry a wet signature regardless of method used for entry into a logbook.

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Endorsements

BFCL.160 BPL(a) – Recency Requirements:

I certify that (Name:.....) (Licence Number)....., has completed in the relevant balloon class, either:

(1) within the last 24 months before the planned flight,

(i) at least six hours of flight time as PIC, including 10 take-offs and landings, as PIC or flying dual or solo under the supervision of an FI(B); (Tick ✓)

and

(ii) within the last 48 months before the planned flight, at least one training flight with an FI(B); (Tick ✓) or

(2) within the last 24 months before the planned flight, a proficiency check in accordance with point BFCL.160 BPL(c). (Tick ✓)

The [training] [proficiency check] as specified above at 1 / 2 has been entered in the logbook of the pilot and certified by

- Head of Training – ATO/DTO The FI(B) responsible for the training. The FE(B) responsible for the proficiency check.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

BFCL.160 BPL(b) – Recency Requirements more than one class of balloons:

I certify that (Name:.....) (Licence Number)....., has met the recency requirements of BFCL.160 BPL(a) as endorsed and may exercise [his / her] privileges in other balloon classes having completed at least three hours of flight time, as PIC or flying dual or solo under the supervision of an FI(B), on each additional balloon class indicated below within the last 24 months; (Tick ✓ as applicable)

(a) “hot-air balloon” class:

(1) group A: envelope capacity up to 3 400 m³ (120 069 ft³);

(2) group B: envelope capacity between 3 401 m³ (120 070 ft³) and 6 000 m³ (211 888 ft³);

(3) group C: envelope capacity between 6 001 m³ (211 889 ft³) and 10 500 m³ (370 804 ft³);

(4) group D: envelope capacity of more than 10 500 m³ (370 804 ft³);

(b) “gas balloon” class;

(c) “mixed balloon” class;

(d) “hot-air airship” class.


The experience as specified above has been entered in the logbook of the pilot and certified by

- Head of Training – ATO/DTO The FI(B) responsible for supervising the flight/s.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

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BFCL.160 BPL(f) – Recency Requirements under commercial operations:

I certify that (Name:.....) (Licence Number)....., has met the recency requirements of BFCL.160 BPL(a) and, if applicable, (b), while exercising the privileges for commercial operations as specified in point BFCL.215.

(1) paragraph (a) and, if applicable, (b), in case he or she has completed a proficiency check in accordance with point BFCL.215(d)(2)(i) in the relevant balloon class or classes within the last 24 months; (Tick ✓)

or

(2) paragraph (a)(1)(ii), in case he or she has completed the training flight as specified in point BFCL.215(d)(2)(ii) in the relevant balloon class. (Tick ✓)

The [training] [proficiency check] as specified above at 1 / 2 has been entered in the logbook of the pilot and certified by;

- Head of Training – ATO/DTO The FI(B) responsible for the training. The FE(B) responsible for the proficiency check.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement

BFCL.200 Tethered hot-air balloon flight rating

I certify that (Name:.....) (Licence Number)....., has met the requirements of BFCL.200, and may undertake tethered flights with hot-air balloons. [He / She] has;

- (1) the privileges for the hot-air balloon class (Tick ✓)
- (2) completed at least two tethered hot-air balloon instruction flights. (Tick ✓)

The training specified above has been entered in the logbook of the pilot and certified by;

- Head of Training – ATO/DTO The FI(B) responsible for the training.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement

BFCL.210 Night rating

I certify that (Name:.....) (Licence Number)....., has met the requirements of BFCL.210, and may exercise the privileges of [his / her] licence in VFR conditions at night. [He / She] has;

- completed at least two instruction flights at night of at least one hour each (Tick ✓)


The training specified above has been entered in the logbook of the pilot and certified by;

- Head of Training – ATO/DTO The FI(B) responsible for the training.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement

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Following a successful skill test for commercial operation with balloons rating the FE(B) shall enter the endorsement below in the pilot's logbook. The FE(B) shall indicate the class of balloons by tick (✓) beside the applicable class of balloons to which the commercial operating rating privileges apply. The FE(B) shall rule a line through any classes of balloons that are not applicable to the pilot's privileges.

BFCL.215(b)&(c) Commercial Privileges & Limitations

I certify that (Name):..... (Licence Number)....., may exercise the privileges of commercial passenger ballooning as [he / she] has met the requirements of BFCL.215(b)

- (1) has attained the age of 18 years (Tick ✓) ;
 - (2) has completed 50 hours of flight time and 50 take-offs and landings as PIC on balloons (Tick ✓) ;
 - (3) has the privileges for the class of balloon in which the privileges of the commercial operation rating will be exercised (Tick ✓) ;
- and
- (4) has passed a skill test on the relevant class of balloon during which he or she shall demonstrate to an FE(B) the competence required for commercial balloon operations (Tick ✓) .

Limitations:

Commercial operation shall be limited to (Tick ✓ as applicable, rule a line through non-applicable);

(a) "hot-air balloon" class:

- (1) group A: envelope capacity up to 3 400 m3 (120 069 ft3);
- (2) group B: envelope capacity between 3 401 m3 (120 070 ft3) and 6 000 m3 (211 888 ft3);
- (3) group C: envelope capacity between 6 001 m3 (211 889 ft3) and 10 500 m3 (370 804 ft3);
- (4) group D: envelope capacity of more than 10 500 m3 (370 804 ft3);

- (b) "gas balloon" class;
- (c) "mixed balloon" class;
- (d) "hot-air airship" class.


The experience and testing as specified above has been entered in the logbook of the pilot and certified by

- The FE(B) responsible for the skill test on the relevant class of balloon.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

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Following a successful skill test for extension of privileges for commercial operation with balloons rating the FE(B) shall enter the endorsement below in the pilot's logbook. The FE(B) shall indicate the class of balloons by tick (✓) beside the applicable class of balloons to which the commercial operating rating privileges shall now apply. When annotating the endorsement for the new class of balloons also include the class of balloons previously held. The FE(B) shall rule a line through any classes of balloons that are not applicable to the pilot's privileges.

BFCL.215(d) Extension of Commercial Privileges

I certify that (Name:):..... (Licence Number):....., may exercise the privileges of commercial passenger ballooning in the following classes of balloons having met the requirements of BFCL.215(d)(3)&(4)

- has the privileges for the class of balloon in which the privileges of the commercial operation rating will be exercised (Tick ✓) ;

and

- has passed a skill test on the relevant class of balloon during which he or she shall demonstrate to an FE(B) the competence required for commercial balloon operations (Tick ✓) .

Commercial operation shall be limited to (Tick ✓ as applicable, rule a line through non-applicable);

(a) "hot-air balloon" class:

- (1) group A: envelope capacity up to 3 400 m3 (120 069 ft3);
- (2) group B: envelope capacity between 3 401 m3 (120 070 ft3) and 6 000 m3 (211 888 ft3);
- (3) group C: envelope capacity between 6 001 m3 (211 889 ft3) and 10 500 m3 (370 804 ft3);
- (4) group D: envelope capacity of more than 10 500 m3 (370 804 ft3);

(b) "gas balloon" class;

(c) "mixed balloon" class;

(d) "hot-air airship" class.


The experience and testing as specified above has been entered in the logbook of the pilot and certified by

- The FE(B) responsible for the skill test on the relevant class of balloon to extend the privileges.
- I confirm the pilot meets the requirements for all classes of balloons annotated above

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

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BFCL.215 Commercial operation privileges recency

I certify that (Name:):..... (Licence Number)....., who holds a commercial operation rating may exercise the privileges of that rating in commercial passenger ballooning as [he / she] has completed

(1) within the 180 days preceding the planned flight:

(i) at least three flights as PIC in balloons, of which at least one shall be in a balloon of the relevant class (Tick ✓) ;

or

(ii) one flight as PIC in a balloon of the relevant class under the supervision of an FI(B) who is qualified in accordance with this point (Tick ✓) ;

and

(2) within the 24 months preceding the planned flight:

(i) a proficiency check, in a balloon of the relevant class, during which he or she shall demonstrate to an FE(B) the competence required for commercial passenger ballooning (Tick ✓) ;

or

(ii) a refresher course at an ATO or a DTO, tailored to the competence required for commercial balloon operations, including at least six hours of theoretical knowledge instruction and one training flight in a balloon of the relevant class with an FI(B) who is qualified for commercial balloon operations in accordance with this point (Tick ✓) .

Commercial operation rating privileges are extended to more than one class of balloons as the requirements in (2) above have been met in at least one class of balloons. (Tick ✓) .

A pilot who has completed an operator proficiency check in accordance with point BOP.ADD.315 of Annex II (Part- BOP) to this Regulation shall be deemed to comply with (2)(i) above.

(Tick ✓) .

The experience and training as specified above has been entered in the logbook of the pilot and certified by

- Head of Training – ATO/DTO The FI(B) responsible for the training. The FE(B) responsible for the proficiency check.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

BFCL.215(g) Commercial operation privileges recurrent training

I certify that (Name:):..... (Licence Number)....., who holds a commercial operation rating has completed;

• flight under supervision as specified in paragraph BFCL.215 (d)(1)(ii) (Tick ✓) ,

• the proficiency check as specified in paragraph BFCL.215 (d)(2)(i) (Tick ✓)

• the refresher training course as specified in paragraph BFCL.215 (d)(2)(ii) (Tick ✓)


The recurrent training as specified above has been entered in the logbook of the pilot and certified by

- Head of Training – ATO/DTO The FI(B) The FE(B) responsible for the training.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.

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BFCL.360 FI(B) certificate – Recency requirements

I certify that (Name:)..... (Licence Number)....., has successfully completed an assessment of competence in accordance with point BFCL.345 complies with the requirement of paragraph (a)(1)(i).

Head of Training – ATO/DTO The FI(B) qualified in accordance with point BFCL.315(a)(4) and nominated by the Head of Training.

Signature:

Name:.....: Licence Number:.....: Date:.....

Strike out all elements not included in this endorsement.