

Balloons

Commission Regulation (EU) 2018/395 of 13 March 2018 as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018

Law last amended 20 November 2021 ([Aviation Safety \(Amendment\) \(No. 3\) Regulations 2021](#))

Last Uploaded 23 November 2021

Previously amended 28 January 2021 ([The Aviation Safety \(Amendment\) Regulations 2021](#))

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 - a. instead of searching for “FCL.035” try searching for “FCL035”;
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Commission Regulation (EU) 2018/395 of 13 March 2018 laying down detailed rules for the operation of balloons as well as for the flight crew licensing for balloons pursuant to Regulation (EU) 2018/1139 of the European Parliament and of the Council (Retained EU Legislation)

Preamble



Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC¹, and in particular Article 8(5) thereof,

Whereas:

(1)

The Commission is to adopt the necessary implementing rules for establishing the conditions for the safe operation of balloons in accordance with Regulation (EC) No 216/2008, where such aircraft meet the conditions specified in points (b) and (c) of Article 4(1) of that Regulation.

(2)

In light of the specific nature of operations with balloons, there is a need for dedicated operational rules, laid down in a self-standing Regulation. Those rules should be based on the general rules for air operations laid down in Commission Regulation (EU) No 965/2012², but they should be restructured and simplified, so as to ensure that they are proportionate and founded on a risk-based approach, whilst ensuring that balloon operations are carried out safely.

(3)

The specific rules for air operations with balloons should not extend, however, to the requirements in respect of oversight of air operations by the competent authorities of the Member States, as those requirements are not specific to any particular air operation activity but apply horizontally in respect of all such activities. As regards oversight, the requirements laid down in Article 3 of Regulation (EU) No 965/2012 and Annex II to that Regulation should therefore continue to apply also with respect to air operations with balloons.

(4)

In the interest of safety and with a view to ensuring compliance with the essential requirements laid down in Annex IV to Regulation (EC) No 216/2008, all operators of balloons covered by this Regulation, with the exception of design or production organisations performing certain operations, shall be subject to a set of basic requirements.

(5)

In order to provide additional protection for balloon passengers, provision should be made for certain additional requirements for operators engaged in commercial operations with balloons which should apply in addition to the basic requirements.

(6)

Those additional requirements should take account of the less complex nature of commercial operations with balloons as compared to other forms of commercial aviation, be proportionate and founded on a risk-based approach. Therefore, it is appropriate to replace the requirement of a certificate for commercial operations set out in Article 8(2) of Regulation (EC) No 216/2008 by a requirement to make a prior declaration to the competent authority and to lay down the detailed rules for making such declarations as well as certain other additional requirements.

(7)

However, considering the comparatively low level of complexity and in light of a risk-based approach, operators engaged in certain commercial operations with balloons should be exempted from the requirement of certification and from those additional requirements, including the requirement of making a prior declaration. They should instead only be subject to the basic requirements set out in this Regulation which apply to all air operations with balloons covered by this Regulation.

(8)

In order to ensure a smooth transition and to avoid as much as possible any disruptions when introducing the new, specific regime for balloon operations laid down in this Regulation, any certificates, authorisations and approvals issued to operators of balloons in accordance with the rules applicable prior to the date of application of this Regulation should continue to be valid and be deemed to constitute a declaration made in accordance with this Regulation for a limited time period. After the expiry of that time period, all operators engaged in commercial operations with balloons should make a declaration in accordance with the provisions of this Regulation.

(9)

In order to ensure a smooth transition and to give all parties concerned sufficient time to prepare for the application of that new regime, this Regulation should only apply from an appropriate later date.

(10)

The Agency prepared draft implementing rules and submitted them as an opinion³ to the Commission in accordance with point (b) of Article 17(2) and Article 19(1) of Regulation (EC) No 216/2008.

(11)

The measures provided for in this Regulation are in accordance with the opinion of the Committee established by Article 65 of Regulation (EC) No 216/2008,

HAS ADOPTED THIS REGULATION:

Notes

1 OJ L 79, 19.3.2008, p. 1.

2 Commission Regulation (EU) No 965/2012 of 5 October 2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council (OJ L 296, 25.10.2012, p. 1).

3 Opinion No 01/2016 of the European Aviation Safety Agency of 6 January 2016 for a Commission Regulation on the revision of the European operational rules for balloons.

art. 1 Subject matter and scope



Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

Article 1 Subject matter and scope

1.

This Regulation lays down detailed rules for air operations with balloons as well as for issuing and maintaining pilot licences and associated ratings, privileges and certificates for balloons, where such aircraft meet the conditions laid down in points (b) (i) and (ii) of Article (2)(1) of Regulation (EU) 2018/1139 of the European Parliament and of the Council¹.

2.

This Regulation does not apply to air operations with tethered gas balloons.

Notes

- 1 Regulation (EU) 2018/1139 of the European Parliament and of the Council of 4 July 2018 on common rules in the field of civil aviation and establishing a European Union Aviation Safety Agency, and amending Regulations (EC) No 2111/2005, (EC) No 1008/2008, (EU) No 996/2010, (EU) No 376/2014 and Directives 2014/30/EU and 2014/53/EU of the European Parliament and of the Council, and repealing Regulations (EC) No 552/2004 and (EC) No 216/2008 of the European Parliament and of the Council and Council Regulation (EEC) No 3922/91 (OJ L 212, 22.8.2018, p. 1).

Enacting Terms > art. 1 Subject matter and scope

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art. 2 Definitions



Version 3 of 3

28 January 2021 - Present

Subjects

Aviation; Environment

Article 2 Definitions

For the purpose of this Regulation, the following definitions and, unless terms are defined otherwise in this Article, the definitions of Article 2 of Commission Regulation (EU) No 1178/2011¹ apply:

- (1) *'balloon'* means a manned lighter-than-air aircraft which is not power-driven and sustains flight through the use of either a lighter-than-air gas or an airborne heater, including gas balloons, hot-air balloons, mixed balloons and, although power-driven, hot-air airships;
- (2) *'gas balloon'* means a free balloon that derives its lift from a lighter-than-air gas;
- (3) *'tethered gas balloon'* means a gas balloon with a tether system that continuously anchors the balloon to a fixed point during operation;
- (4) *'free balloon'* means a balloon that is not continuously anchored to a fixed point during operation;
- (5) *'hot-air balloon'* means a free balloon that derives its lift from heated air;
- (6) *'mixed balloon'* means a free balloon that derives its lift from a combination of heated air and a lighter-than-air, non-flammable gas;
- (7) *'hot-air airship'* means a power-driven hot-air balloon, whereby the engine does not create any portion of lift;
- (7a) *'commercial operation'* means any operation of a balloon, in return for remuneration or other valuable consideration, which is available for the public or, when not made available to the public, is performed under a contract between an operator and a customer, where the latter has no control over the operator;
- (8) *'competition flight'* means any air operation with a balloon performed for the purposes of participating in air races or contests, including practising for such an operation and flying to and from air races or contests;
- (9) *'flying display'* means any air operation with a balloon performed for the purposes of providing an exhibition or entertainment at an advertised event open to the public, including practising for such an operation and flying to and from the advertised event;
- (10) *'introductory flight'* means any air operation, against remuneration or other valuable consideration, that consists of an air tour of short duration for the purpose of attracting new trainees or new members, performed either by a training organisation referred to in Article 10a of Regulation (EU) No 1178/2011 or by an organisation established with the aim of promoting aerial sport or leisure aviation;
- (11) *'principal place of business'* means the head office or registered office of the operator of the balloon within which the principal financial functions and operational control of the activities referred to in this Regulation are exercised;
- (12) *'dry lease agreement'* means an agreement between undertakings pursuant to which the balloon is operated under the responsibility of the lessee;

(13) '*national licence*' means a pilot licence issued by [the CAA]² in accordance with national legislation before the date of application of Annex III (Part-BFCL) to this Regulation or of Annex I (Part-FCL) to Regulation (EU) No 1178/2011;

(14) '*Part-BFCL licence*' means a flight crew licence which complies with the requirements of Annex III (Part-BFCL) to this Regulation;

(15) '*conversion report*' means a report on the basis of which a licence may be converted into a Part-BFCL licence [;]³

[

(16) '*medical declaration*' means a medical declaration made in accordance with article 163(3) of the Air Navigation Order 2016 by a pilot holding a balloon pilot licence (BPL), which has not ceased to be valid in accordance with article 163(4) of that Order.

] ³

Notes

- 1 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 (OJ L 311, 25.11.2011, p. 1).
- 2 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.80 (December 31, 2020: shall come into force on IP completion day)
- 3 Definition inserted by Aviation Safety (Amendment) Regulations 2021/10 reg.5(2) (January 28, 2021)

Enacting Terms > art. 2 Definitions

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art. 3 Air operations



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

Article 3 Air operations

1.

Operators of balloons shall operate the balloon in accordance with the requirements set out in Subpart BAS of Annex II.

However, the first subparagraph shall not apply to design or production organisations which are compliant with Articles 8 and 9, respectively, of Commission Regulation (EU) No 748/2012¹ and which operate the balloon, within the scope of their privileges, for the purposes of the introduction or modification of balloon types.

2.

Operators of balloons shall engage in commercial operations only after having declared to the [CAA]² their capacity and means to discharge the responsibilities associated with the operation of the balloon.

Provision repealed before document was retained.

The first subparagraph shall not apply to the following operations with balloons:

- (a) cost-shared operations by four individuals or less, including the pilot, provided that the direct costs of the flight of the balloon and a proportionate part of the annual costs incurred for the storage, insurance and maintenance of the balloon are shared by all those individuals;
- (b) competition flights or flying displays, provided that the remuneration or any other valuable consideration for such flights is limited to the recovery of the direct costs of the flight of the balloon and a proportionate part of the annual costs incurred for the storage, insurance and maintenance of the balloon and that any prizes gained do not exceed the value specified by the [CAA]² ;
- (c) introductory flights with four individuals or less, including the pilot, and flights for the purposes of parachute dropping, performed either by a training organisation referred to in Article 10a of Regulation (EU) No 1178/2011 that has its principal place of business in [the United Kingdom]² , or by an organisation created for the purposes of promoting aerial sport or leisure aviation, provided that the organisation operates the balloon on the basis of either ownership or a dry lease agreement and provided that the flight does not generate profits distributed outside the organisation and that such flights represent only a marginal activity of the organisation;
- (d) training flights performed by a training organisation referred to in Article 10a of Regulation (EU) No 1178/2011 that has its principal place of business in [the United Kingdom]² .

Notes

- 1 Commission Regulation (EU) No 748/2012 of 3 August 2012 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations (OJ L 224, 21.8.2012, p. 1).
 - 2 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.14 (December 31, 2020: commenced by an amendment)
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Enacting Terms > art. 3 Air operations

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art. 3a Pilot licences and medical certification



Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

Article 3a Pilot licences and medical certification

1.

Without prejudice to Commission Delegated Regulation (EU)¹, pilots of aircraft referred to in Article 1(1) of this Regulation shall comply with the technical requirements and administrative procedures laid down in Annex III (Part-BFCL) to this Regulation and in Annex IV (Part-MED) to Regulation (EU) No 1178/2011.

2.

As an exception to the privileges of the holders of licences as defined in Annex III (Part-BFCL) to this Regulation, holders of such licences may carry out flights referred to in Article 3(2)(a) to (d) without complying with point BFCL.215 of Annex III (Part-BFCL) to this Regulation.

3.

[The CAA]² may authorise student pilots who follow a balloon pilot licence ('BPL') training course to exercise limited privileges without supervision before they meet all the requirements that are necessary for the issue of a BPL in accordance with Annex III (Part-BFCL), subject to all of the following conditions:

(a) the scope of the privileges granted shall be based on a safety risk assessment carried out by the [CAA]³, taking into account the extent of training necessary for the intended level of pilot competence to be achieved;

(b) the privileges shall be limited to the following:

(i) the whole or part of the [the territory of the United Kingdom]⁴;

(ii) balloons that are registered in the authorising [United Kingdom]⁵;

(c) the holder of such an authorisation who applies for the issue of a BPL shall receive credits for training conducted under the authorisation on the basis of a recommendation from an approved training organisation ('ATO') or a declared training organisation ('DTO');

[...]⁶

(e) the [CAA]⁷ shall monitor the use of authorisations issued under this paragraph to ensure an acceptable level of aviation safety and take appropriate action in case of identifying an increased safety risk or any safety concerns.

Notes

1 Commission Delegated Regulation (EU) of 4 March 2020 (not yet published in the Official Journal).

Notes

- 2 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(a) (December 31, 2020: shall come into force on IP completion day)
 - 3 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(b) (December 31, 2020: shall come into force on IP completion day)
 - 4 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(c)(i) (December 31, 2020: shall come into force on IP completion day)
 - 5 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(c)(ii) (December 31, 2020: shall come into force on IP completion day)
 - 6 Repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(d) (December 31, 2020: shall come into force on IP completion day)
 - 7 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.81(e) (December 31, 2020: shall come into force on IP completion day)
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Enacting Terms > art. 3a Pilot licences and medical certification

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art. 3b Existing pilot licences and national medical certificates



Law In Force

Version 3 of 3

20 November 2021 - Present

Subjects

Aviation; Environment

Article 3b Existing pilot licences and national medical certificates

1.

Part-FCL licences for balloons and associated privileges, ratings and certificates issued by [the CAA]¹ before the date of application of this Regulation shall be deemed to have been issued in accordance with this Regulation. [The CAA]² shall replace those licences with licences that comply with the format laid down in Annex VI (Part-ARA) to Regulation (EU) No 1178/2011 when they reissue licences for administrative reasons or upon a request of licence holders.

2.

When [the CAA]³ reissues licences and associated privileges, ratings and certificates in accordance with paragraph 1 of this Article, [the CAA]⁴ shall, as applicable:

- (a) transfer all privileges already endorsed in Part-FCL licences to the new licence format;
- (b) convert the privileges for tethered flight or commercial operation associated with a Part-FCL licence into a tethered flight rating or a commercial operation rating in accordance with the provisions of Point BFCL.200 and BFCL.215 of Annex III (Part-BFCL) to this Regulation;
- (c) endorse the expiry date of a flight instructor certificate associated with a Part-FCL licence into the pilot's logbook or issue an equivalent document. After that date, those pilots shall exercise instructor privileges only if they comply with point BFCL.360 of Annex III (Part-BFCL) to this Regulation.

3.

Holders of national licences for balloons issued by [the CAA]⁵ before the date of application of Annex III (Part-BFCL) to this Regulation shall be allowed to continue to exercise the privileges of their licences until [8 December 2023]⁶. By that date, [the CAA]⁷ shall convert those licences into Part-BFCL licences and associated ratings, privileges and certificates in accordance with the elements laid down in a conversion report that complies with the requirements of Article 4(4) and (5) of Regulation (EU) No 1178/2011.

4.

National pilot medical certificates associated with a licence as specified in paragraph 2 of this Article and issued by [the CAA]⁸ before the date of application of Annex III (Part-BFCL) to this Regulation shall remain valid until the date of their next revalidation or until 8 April 2021, whichever is the earliest. The revalidation of those medical certificates shall comply with the requirements of Annex IV (Part-MED) to Regulation (EU) No 1178/2011.

Notes

- 1 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(2)(a) (December 31, 2020: shall come into force on IP completion day)
 - 2 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(2)(b) (December 31, 2020: shall come into force on IP completion day)
 - 3 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(3)(a) (December 31, 2020: shall come into force on IP completion day)
 - 4 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(3)(b) (December 31, 2020: shall come into force on IP completion day)
 - 5 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(4)(a) (December 31, 2020: shall come into force on IP completion day)
 - 6 Words substituted by Aviation Safety (Amendment) (No. 3) Regulations 2021/1203 Pt 3(7) reg.31 (November 20, 2021)
 - 7 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(4)(b) (December 31, 2020: shall come into force on IP completion day)
 - 8 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.82(5) (December 31, 2020: shall come into force on IP completion day)
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Enacting Terms > art. 3b Existing pilot licences and national medical certificates

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art. 3c Credit for training that commenced prior to the date of application of this Regulation



Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

Article 3c Credit for training that commenced prior to the date of application of this Regulation

1.

In respect of issuing Part-BFCL licences and associated privileges, ratings or certificates in accordance with Annex III (Part-BFCL) to this Regulation, training that commenced prior to the date of application of this Regulation in accordance with Annex I (Part-FCL) to Regulation (EU) No 1178/2011 shall be deemed to comply with the requirements of this Regulation, provided that the BPL is issued by 8 April 2021 at the latest. In that case, the following shall apply:

- (a) BPL training commenced on balloons representing the hot-air airship class, including the related testing, may be completed on those balloons;
- (b) training hours completed in the hot-air balloon class in balloons other than group A of that balloon class shall be fully credited towards the requirement in point BFCL.130(b) of Annex III.

2.

Training that commenced prior to the date of application of this Regulation or of Annex I (Part-FCL) to Regulation (EU) No 1178/2011, in accordance with Annex 1 to the Chicago Convention, shall be credited for the purposes of issuing Part-BFCL licences on the basis of a credit report established by the [CAA]¹.

3.

The credit report referred to in paragraph 2 shall describe the scope of the training, indicate for which requirements of Part-BFCL credit is given and, if applicable, which requirements applicants need to comply with in order to be issued with a Part-BFCL licence. It shall include copies of all the documents necessary to attest the scope of the training, as well as copies of the national regulations and procedures in accordance with which the training was initiated.

Notes

- 1 Words substituted by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.83 (December 31, 2020: shall come into force on IP completion day)

Enacting Terms > art. 3c Credit for training that commenced prior to the date of application of this Regulation

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art. 3d Training organisations



Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

Article 3d Training organisations

1.

Training organisations for pilot licences referred to in Article 1(1) shall comply with the requirements of Article 10a of Regulation (EU) No 1178/2011.

2.

Training organisations referred to in paragraph 1 of this Article which hold an approval issued in accordance with Annex VII (Part-ORA) to Regulation (EU) No 1178/2011 or have submitted a declaration in accordance with Annex VIII (Part-DTO) to Regulation (EU) No 1178/2011 before the date of application of this Regulation shall adapt their training programmes, where necessary, by 8 April 2021 at the latest.

Enacting Terms > art. 3d Training organisations

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art. 4 Transitional provisions



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

Article 4 Transitional provisions

Certificates, authorisations and approvals issued to operators of balloons by [the CAA]¹ before 8 April 2019 in accordance with Regulation (EU) No 965/2012 or in accordance with provisions of [any other relevant enactment]² compliant with Article 10(2), (3) and (5)(b) of Regulation (EU) No 965/2012 shall remain valid until 8 October 2019.

Until 8 October 2019, any reference made in this Regulation to a declaration shall also be understood as a reference to the certificates, authorisations or approvals issued by [the CAA]³ before 8 April 2019.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.15(a) (i) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
- 2 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.15(a) (ii) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
- 3 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.15(b) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Enacting Terms > art. 4 Transitional provisions

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art. 5 Entry into force and application



Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

Article 5 Entry into force and application

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union* .

It shall apply from 8 April 2019.

Enacting Terms > art. 5 Entry into force and application

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Signatures



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

[...]¹

Done at Brussels, 13 March 2018.

For the Commission

The President

Jean-Claude Juncker

Notes

- 1 Words repealed by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.16 (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

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para. 1



Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

[PART-DEF]

For the purpose of this Regulation, the following definitions and, unless terms are defined otherwise in this Annex, the definitions of Article 2 of Regulation (EU) No 1178/2011 as well as of point FCL.010 of Annex I (Part-FCL) to that Regulation, shall apply:

1. ‘acceptable means of compliance (AMC)’ means non-binding standards adopted by the [CAA]¹ to illustrate means to establish compliance with Regulation (EU) 2018/1139 and its delegated and implementing acts;
2. ‘alternative means of compliance (AltMoC)’ means those means that propose an alternative to an existing AMC or those that propose new means to establish compliance with Regulation (EU) 2018/1139 and its delegated and implementing acts for which no associated AMC have been adopted by the [CAA]¹ ;
3. ‘pilot-in-command’ means the pilot designated as being in command and charged with the safe conduct of the flight;
4. ‘crew member’ means a person assigned by an operator to perform duties on board the balloon or, where the duties are directly related to the operation of the balloon, on the ground;
5. ‘flight crew member’ means a licensed crew member charged with duties essential to the operation of an aircraft during a flight duty period;
6. ‘psychoactive substances’ means alcohol, opioids, cannabinoids, sedatives and hypnotics, cocaine, other psychostimulants, hallucinogens and volatile solvents, excluding coffee and tobacco;
7. ‘accident’ means an occurrence associated with the operation of a balloon which takes place between the moment of the commencement of the inflation of the balloon and the moment of complete deflation of the balloon, in which:
 - (a) a person suffers fatal or serious injuries as a result of being in the balloon or as a result of direct contact with any part of the balloon, including parts which have become detached from the balloon, but excluding any injuries arising from natural causes or which are self-inflicted or inflicted by other persons;
 - (b) the balloon sustains damage or structural failure which adversely affects its structural strength, performance or flight characteristics and requires major repair or replacement of the affected component; or
 - (c) the balloon is missing or is completely inaccessible;
8. ‘incident’ means an occurrence, other than an accident, associated with the operation of a balloon which affects or could affect the safety of its operation;
9. ‘serious incident’ means an occurrence associated with the operation of the balloon which takes place between the moment of the commencement of the inflation of the balloon and the moment of complete deflation of the balloon, in which there was a high probability of an accident;
10. ‘critical phases of flight’ means take-off, final approach, missed approach, landing and any other phases of a flight which the pilot-in-command determines as critical for the safe operation of the balloon;

11. ‘aircraft flight manual (AFM)’ means the document containing the applicable and approved operating limitations and information with respect to the balloon;
- 11a. ‘flight time’ means the total time from the moment the basket leaves the ground for the purpose of taking off until the moment it finally comes to a rest at the end of the flight;
12. ‘dangerous goods’ means articles or substances which are capable of posing a risk to health, safety, property or the environment and which are shown in the list of dangerous goods in the technical instructions or which are to be classified as such in accordance with those instructions;
13. ‘technical instructions’ means the latest applicable edition of the ‘Technical instructions for the safe transport of dangerous goods by air’, including the supplement and any addenda, published by ICAO in document 9284-AN/905;
14. ‘operating site’ means a site selected by the pilot-in-command or the operator for landing, take-off or external load operations;
15. ‘refuelling’ means the refilling of fuel cylinders or fuel tanks from an external source, excluding the replacement of fuel cylinders;
16. ‘night’ means the [time from half an hour after sunset until half an hour before sunrise (both times inclusive), sunset and sunrise being determined at surface level]² ;
17. ‘balloon specialised operation’ means any operation, which can be commercial or non-commercial, with a balloon the main purpose of which is not the carriage of passengers for sightseeing or experience flights, but parachute operations, hang-gliding dropping, flying displays, competition flights or similar specialised activities;
- 17a. ‘class of balloons’ means a categorisation of balloons taking into account the lifting means used to sustain flight;
- 17b. ‘proficiency check’ means the demonstration of skill for the purpose of complying with the recency requirements as established in this Regulation, including oral examinations as may be required;
18. ‘traffic load’ means the total mass of passengers, baggage and carry-on specialist equipment;
19. ‘balloon empty mass’ means the mass determined by weighing the balloon with all the installed equipment as specified in the AFM;
20. ‘wet lease agreement’ means an agreement between operators pursuant to which the balloon is operated under the responsibility of the lessor;
21. ‘commercial passenger ballooning’ (CPB) means a form of commercial air transport operation with a balloon whereby passengers are carried on sightseeing or experience flights for remuneration or other valuable consideration;
22. ‘group of balloons’ means a categorisation of balloons, taking into account the size or capacity of the envelope;
23. ‘skill test’ means the demonstration of skill for the purpose of issuing a licence or rating, or extension of a privilege, including oral examinations as may be required;
24. ‘assessment of competence’ means the demonstration of skill, knowledge and attitude for the initial issue, revalidation or renewal of an instructor or examiner certificate;
25. ‘solo flight’ means a flight during which a student pilot is the sole occupant of the balloon;
26. ‘tethered flight’ means a flight with a tether system that anchors the balloon to a fixed location during operation, with the exception of a tether which may be used as part of the take-off procedure.

Notes

- 1 Word substituted in points 1 and 2 by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.17(a) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
 - 2 Words substituted in point 16 by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.17(b) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
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Subjects

Aviation; Environment

[PART-BOP]

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Subjects

Aviation; Environment

In accordance with Article 3, this Subpart establishes the requirements to be met by any operator of balloons, other than the design or production organisations referred to in the second subparagraph of Article 3(1).

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart1 General requirements > Annex subsubpartBOPBAS001 Scope > para. 1*

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Subjects

Aviation; Environment

[...] ¹

Notes

- 1 Repealed by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(2) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS005 Competent authority > para. 1

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Law In Force

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Subjects

Aviation; Environment

(a)

An operator shall, when so requested by the [CAA]¹, demonstrate compliance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation.

(b)

The operator shall use either of the following means to demonstrate such compliance:

- (1) acceptable means of compliance (AMC);
- (2) alternative means of compliance (AltMoC).

Notes

- 1 Words substituted in point (a) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18 (December 31, 2020: commenced by an amendment)

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS010 Demonstration of compliance > para. 1

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Subjects

Aviation; Environment

Introductory flights shall be:

(a)

operated under visual flight rules (VFR) by day; and

(b)

overseen as regards their safety by a person who has been nominated by the organisation performing the introductory flights.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS015 Introductory flights > para. 1

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Subjects

Aviation; Environment

The operator shall implement:

(a)

safety measures mandated by the [CAA]¹ in accordance with paragraph (c) of point ARO.GEN.135 of Annex II (Part-ARO) to Regulation (EU) No 965/2012; and

(b)

airworthiness directives and other mandatory information issued by the [CAA]² in accordance with paragraph (h) of Article 77(1) of Regulation (EU) 2018/1139.

Notes

- 1 Words substituted in point (a) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(4)(a) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
- 2 Word substituted in point (b) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(4)(b) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS020 Immediate reaction to a safety problem > para. 1

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Subjects

Aviation; Environment

The operator shall designate a pilot-in-command who is qualified to act as pilot-in-command in accordance with Annex III (Part-BFCL) to this Regulation.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS025 Designation as pilot-in-command > para. 1

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Subjects

Aviation; Environment

(a)

The pilot-in-command shall:

- (1) be responsible for the safety of the balloon and of any person or property carried therein during balloon operations;
- (2) be responsible for the initiation, continuation or termination of a flight in the interest of safety;
- (3) ensure that all applicable operational procedures and checklists are complied with;
- (4) only commence a flight if he or she is satisfied that all operational limitations are complied with, as follows:
 - (i) the balloon is airworthy;
 - (ii) the balloon is duly registered;
 - (iii) instruments and equipment required for the execution of the flight are carried on board the balloon and are operative;
 - (iv) the mass of the balloon is such that the flight can be conducted within the limits defined by the AFM;
 - (v) all equipment and baggage are properly loaded and secured; and
 - (vi) the operating limitations of the balloon as specified in the AFM will not be exceeded at any time during the flight;
- (5) ensure that the pre-flight inspection has been carried out as required by Annex I to Commission Regulation (EU) No 1321/2014¹;
- (6) be responsible for the pre-flight briefing of persons assisting in the inflation and deflation of the envelope;
- (7) ensure that persons assisting in the inflation and deflation of the envelope wear appropriate protective clothing;
- (8) be satisfied that relevant emergency equipment remains easily accessible for immediate use;
- (9) ensure that no person is smoking on board or within the direct vicinity of the balloon;
- (10) not allow a person to be carried in the balloon who appears to be under the influence of psychoactive substances to the extent that the safety of the balloon or of any person or property carried therein is likely to be endangered;
- (11) remain during flight in control of the balloon at all times except if another pilot is taking the controls;
- (12) take any action in an emergency situation that requires immediate decision and action which he or she considers necessary under the circumstances. In such cases he or she may deviate from rules, operational procedures and methods to the extent necessary in the interest of safety;
- (13) not continue a flight beyond the nearest weather-permissible operating site when his or her capacity to perform his or her duties is significantly reduced because of sickness, fatigue, lack of oxygen or any other cause;

(14) record utilisation data and all known or suspected defects in the balloon at the termination of the flight, or series of flights, in the balloon logbook;

(15) notify the safety investigation authority of the State in the territory of which the occurrence took place and the emergency services of that State without delay by the quickest available means of any serious incident or accident involving the balloon;

(16) submit a report of an act of unlawful interference without delay to the [CAA]² and inform the local authority designated by the State in the territory of which the unlawful interference took place; and

(17) report to the appropriate air traffic services (ATS) unit, without delay, any hazardous weather or flight conditions encountered that are likely to affect the safety of other aircraft.

(b)

The pilot-in-command shall not perform duties on a balloon in one of the following situations:

(1) when he or she is incapacitated from performing his or her duties by any cause, including injury, sickness, medication, fatigue or the effects of any psychoactive substance, or feels otherwise unfit;

(2) if applicable medical requirements are not fulfilled.

(c)

Whenever crew members are involved in the operation of the balloon, the pilot-in-command shall:

(1) ensure that during critical phases of flight or whenever deemed necessary in the interest of safety, all crew members are at their assigned stations and do not perform any activities other than those required for the safe operation of the balloon;

(2) not commence a flight if any crew member is incapacitated from performing his or her duties by any cause, including injury, sickness, medication, fatigue or the effects of any psychoactive substance, or feels otherwise unfit;

(3) not continue a flight beyond the nearest weather-permissible operating site when any crew member's capacity to perform duties is significantly reduced because of sickness, fatigue or lack of oxygen or any other cause; and

(4) ensure that all crew members can communicate with each other in a common language.

Notes

1 Commission Regulation (EU) No 1321/2014 of 26 November 2014 on the continuing airworthiness of aircraft and aeronautical products, parts and appliances, and on the approval of organisations and personnel involved in these tasks (OJ L 362, 17.12.2014, p. 1).

2 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(5) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpartI General requirements > Annex subsubpartBOPBAS030 Responsibilities of the pilot-in-command > para. 1

para. 1



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Subjects

Aviation; Environment

The pilot-in-command shall have the authority to:

(a)

give all commands and take any appropriate actions for the purpose of ensuring the safety of the balloon and of any person or property carried therein; and

(b)

refuse embarkation or carriage of any person or baggage that may represent a potential hazard to the safety of the balloon or of any person or property carried therein.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS035 Authority of the pilot-in-command > para. 1

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Subjects

Aviation; Environment

(a)

Any crew member shall be responsible for the proper execution of his or her duties in respect of the operation of the balloon.

(b)

Crew members shall not perform duties on a balloon when incapacitated by any cause, including injury, sickness, medication, fatigue or the effects of any psychoactive substance, or if he or she feels otherwise unfit.

(c)

Crew members shall report to the pilot-in-command both of the following:

- (1) any fault, failure, malfunction or defect, which he or she believes may affect the airworthiness or safe operation of the balloon, including emergency systems;
- (2) any incident.

(d)

Any flight crew member who undertakes duties for more than one operator shall:

- (1) maintain his or her individual records regarding flight times and rest periods, if applicable; and
- (2) provide each operator with the data needed to schedule activities in accordance with the applicable flight and duty time limitations and rest requirements.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS040 Responsibilities of crew members > para. 1

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para. 1



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Subjects

Aviation; Environment

(a)

The pilot-in-command and all other crew members shall comply with the laws, regulations and procedures of those States where operations are conducted.

(b)

The pilot-in-command shall be familiar with the laws, regulations and procedures, pertinent to the performance of his or her duties, prescribed for the areas to be traversed, the operating sites to be used and the related air navigation facilities.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL
REQUIREMENTS > Annex subpart1 General requirements > Annex
subsubpartBOPBAS045 Compliance with laws, regulations and procedures > para. 1*

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31 December 2020 - Present

Subjects

Aviation; Environment

(a)

All of the following documents, manuals and information shall be carried on each flight, as originals or copies:

- (1) the operating limitations, normal, abnormal and emergency procedures and other relevant information specific to the balloon's operating characteristics;
- (2) details of the filed ATS flight plan, when required in accordance with Section 4 of the Annex to Commission Implementing Regulation (EU) No 923/2012¹;
- (3) current and suitable aeronautical charts for the area of the intended flight.

(b)

All of the following documents, manuals and information shall be carried on each flight or shall be stowed in the retrieve vehicle, as originals or copies:

- (1) the certificate of registration;
- (2) the certificate of airworthiness, including the annexes;
- (3) the AFM or equivalent document(s);
- (4) the aircraft radio licence, where the balloon is equipped with radio communication equipment in accordance with point (a) of point BOP.BAS.355;
- (5) the third party liability insurance certificate(s);
- (6) the balloon logbook or equivalent document(s);
- (7) any other documentation that may be pertinent to the flight or is required by the State or States concerned with the flight.

(c)

When requested by the [CAA]², the pilot-in-command or the operator shall make available to that authority the original documentation within the time period specified by the authority which shall not be less than 24 hours.

Notes

- 1 Commission Implementing Regulation (EU) No 923/2012 of 26 September 2012 laying down the common rules of the air and operational provisions regarding services and procedures in air navigation and amending Implementing Regulation (EU) No 1035/2011 and Regulations (EC) No 1265/2007, (EC) No 1794/2006, (EC) No 730/2006, (EC) No 1033/2006 and (EU) No 255/2010 (OJ L 281, 13.10.2012, p. 1).

Notes

- 2 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(5) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
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Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS050 Documents, manuals and information to be carried > para. 1

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Law In Force

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31 December 2020 - Present

Subjects

Aviation; Environment

(a)

The transport of dangerous goods on board the balloon shall be conducted in accordance with the requirements set out in Annex 18 to the Chicago Convention, as last amended and amplified by the technical instructions.

(b)

The pilot-in-command shall take all reasonable measures to prevent dangerous goods from being carried on board the balloon inadvertently.

(c)

Reasonable quantities of articles and substances that would otherwise be classified as dangerous goods and that are used to facilitate flight safety, where carriage on board the balloon is advisable to ensure their timely availability for operational purposes, shall be considered authorised under point 2.2.1(a) of Part 1 of the technical instructions, regardless of whether or not such articles and substances are required to be carried or intended to be used in connection with a particular flight. The pilot-in-command shall ensure that the packing and loading on board the balloon of those articles and substances is performed in such a way as to minimise the risks posed to crew members, passengers and the balloon during operation.

(d)

The pilot-in-command or, when the pilot-in-command is incapacitated, the operator shall report without delay any accidents or incidents involving dangerous goods to the safety investigation authority of the State in the territory of which the occurrence took place, the emergency services of that State, any other authority designated by that State and the [CAA]¹.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(5) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpartI General requirements > Annex subsubpartBOPBAS055 Dangerous goods > para. 1*

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Subjects

Aviation; Environment

(a)

The pilot-in-command shall not release dangerous goods when operating a balloon over congested areas of cities, towns or settlements or over an open-air assembly of persons.

(b)

Notwithstanding point (a), parachutists may exit the balloon for the purpose of parachute display over those congested areas or over that open-air assembly of persons whilst carrying smoke trail devices that were manufactured for that purpose.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart1 General requirements > Annex subsubpartBOPBAS060 Release of dangerous goods > para. 1

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Subjects

Aviation; Environment

For each flight, or series of flights, particulars of the balloon, its crew and each journey shall be retained in the form of a balloon logbook or an equivalent document.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart1 General requirements > Annex subsubpartBOPBAS065 Balloon logbook > para. 1*

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para. 1



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Subjects

Aviation; Environment

The pilot-in-command shall only use operating sites that are adequate for the type of balloon and operation concerned.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS100 Use of operating sites > para. 1

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Subjects

Aviation; Environment

The pilot-in-command shall take into account operating procedures to minimise the effect of heating-system noise, while ensuring however that safety has priority over noise abatement.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS105 Noise abatement procedures > para. 1

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Subjects

Aviation; Environment

The pilot-in-command shall only commence a flight if the reserve fuel or ballast carried on board the balloon is sufficient to ensure a safe landing.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS110 Fuel and ballast supply and planning > para. 1

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Subjects

Aviation; Environment

The pilot-in-command shall ensure that before and, when appropriate, during the flight passengers are given a briefing on normal, abnormal and emergency procedures.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart2 Operating procedures > Annex subsubpartBOPBAS115 Passenger briefing > para. 1*

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Subjects

Aviation; Environment

The pilot-in-command shall ensure that persons requiring special conditions, assistance or devices when carried on board a balloon are carried under conditions that ensure the safety of the balloon and of any persons or property carried therein.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL
REQUIREMENTS > Annex subpart2 Operating procedures > Annex
subsubpartBOPBAS120 Carriage of special categories of passengers > para. 1*

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Subjects

Aviation; Environment

(a)

If an air traffic service (ATS) flight plan is not submitted because it is not required in accordance with point (b) of point SERA.4001 of the Annex to Implementing Regulation (EU) No 923/2012, the pilot-in-command shall submit adequate information in order to permit alerting services to be activated if required.

(b)

When operating from an operating site where it is impossible to submit an ATS flight plan, although required in accordance with point (b) of point SERA.4001 of the Annex to Implementing Regulation (EU) No 923/2012, the pilot-in-command shall submit the ATS flight plan after take-off.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS125 Submission of the air traffic service flight plan > para. 1

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para. 1



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Subjects

Aviation; Environment

Before commencing the flight, the pilot-in-command shall be familiar with the available meteorological and aeronautical information appropriate to the intended flight which includes both of the following:

(a)

a study of available current weather reports and forecasts;

(b)

the planning of an alternative course of action to provide for the eventuality that the flight cannot be completed as planned.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart2 Operating procedures > Annex subsubpartBOPBASI30 Flight preparation > para. 1*

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para. 1



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Subjects

Aviation; Environment

No person shall smoke on board a balloon during any phase of flight or within the direct vicinity of a balloon.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart2 Operating procedures > Annex subsubpartBOPBASI35 Smoking on board > para. 1*

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Subjects

Aviation; Environment

(a)

The pilot-in-command shall ensure that no person carries and uses a weapon on board the balloon.

(b)

By way of derogation from point (a), the pilot-in-command may permit the carriage and use of weapons on board the balloon when required for the safety of the crew members or the passengers. In such cases the pilot-in-command shall ensure that the weapons are secured when not in use.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS140 Carriage and use of weapons > para. 1

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Subjects

Aviation; Environment

The pilot-in-command shall only commence or continue a VFR flight if the latest available meteorological information indicates that the weather conditions along the route and at the intended destination at the estimated time of use are as follows:

(a)

at or above the applicable VFR operating minima; and

(b)

within the meteorological limitations specified in the AFM.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS145 Meteorological conditions > para. 1

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para. 1



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Subjects

Aviation; Environment

The pilot-in-command shall be satisfied before commencing take-off of the balloon that, according to the latest available information, the weather at the operating site permits a safe take-off and departure.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS150 Take-off conditions > para. 1

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Subjects

Aviation; Environment

Except in emergency situations, the pilot-in-command shall be satisfied before commencing an approach to land that, according to the latest available information, the conditions at the intended operating site permit a safe approach and landing.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS155 Approach and landing conditions > para. 1

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Subjects

Aviation; Environment

(a)

The pilot-in-command shall not simulate situations that require the application of abnormal or emergency procedures when carrying passengers.

(b)

By way of derogation from point (a), the pilot-in-command may simulate such situations, during operations other than commercial operations of the balloon, when conducting training flights either with student pilots or with passengers, provided that the passengers have been duly informed and agreed to the simulation in advance.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS160 Simulated situations in flight > para. 1

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para. 1



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Subjects

Aviation; Environment

The pilot-in-command shall check at regular intervals during the flight that the amount of usable fuel or ballast remaining in flight is not less than the fuel or ballast needed to complete the intended flight and the reserve planned for landing.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS165 In-flight fuel management > para. 1

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para. 1



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Subjects

Aviation; Environment

(a)

Refuelling of balloons shall not be conducted when persons are on board.

(b)

By derogation from point (a), refuelling the engine of hot-air airships may be conducted with the pilot-in-command on board.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS170 Refuelling with persons on board > para. 1

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Subjects

Aviation; Environment

When a restraint system is required in accordance with point BOP.BAS.320, the pilot-in-command shall wear the system at least during landing.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS175 Use of restraint system > para. 1

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para. 1



Law In Force

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Subjects

Aviation; Environment

The pilot-in-command shall ensure that:

(a)

all crew members engaged in performing duties essential to the safe operation of the balloon use supplemental oxygen continuously whenever he or she determines that, at the altitude of the intended flight, the lack of oxygen might result in impairment of the faculties of crew members; and

(b)

supplemental oxygen is available to passengers when lack of oxygen might harmfully affect them.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS180 Use of supplemental oxygen > para. 1

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Law In Force

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Subjects

Aviation; Environment

(a)

Hot-air balloons:

- (1) shall not land during night, except in emergency situations; and
- (2) may take off during night, provided that sufficient fuel or ballast is carried for a landing during day.

(b)

Gas balloons and mixed balloons:

- (1) shall not land during night, except in emergency situations or as a precautionary landing; and
- (2) may take off during night, provided that sufficient fuel or ballast is carried for a landing during day.

(c)

Hot-air airships shall be operated in accordance with their approved VFR night operating limitations and information.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS185 Operational limitations at night > para. 1

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Subjects

Aviation; Environment

(a)

Before commencing a balloon specialised operation, the pilot-in-command shall conduct a risk assessment, assessing the complexity of the activity in order to determine the hazards and associated risks of the intended operation and establish mitigating measures where necessary.

(b)

A balloon specialised operation shall be performed in accordance with a checklist. The pilot-in-command shall establish that checklist and ensure that it is appropriate to the specialised activity and balloon used, based on the risk assessment and taking account of all requirements set out in this Subpart. The checklist shall be readily accessible on each flight to the pilot-in-command and other crew members, where it is relevant for the performance of their duties.

(c)

The pilot-in-command shall regularly review and update the checklist where necessary in order to adequately take account of the risk assessment.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL
REQUIREMENTS > Annex subpart2 Operating procedures > Annex subsubpartBOPBAS190
Balloon specialised operations — Risk assessment and checklist > para. 1*

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Subjects

Aviation; Environment

The pilot-in-command shall ensure that, during any phase of operation, the balloon is not exceeding any of the limitations set out in the AFM or equivalent document(s).

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart3 Performance and operating limitations > Annex subsubpartBOPBAS200 Operating limitations > para. 1

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Subjects

Aviation; Environment

(a)

The weighing of the balloon shall be accomplished by the manufacturer of the balloon or in accordance with Annex I to Regulation (EU) No 1321/2014.

(b)

The operator shall ensure that the mass of the balloon has been established by actual weighing prior to its initial entry into service. The accumulated effects of modifications and repairs on the mass shall be accounted for and properly documented. Such information shall be made available to the pilot-in-command. The balloon shall be reweighed if the effects of modifications or repairs on the mass are not known.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart3 Performance and operating limitations > Annex subsubpartBOPBAS205 Weighing > para. 1

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Subjects

Aviation; Environment

The pilot-in-command shall only operate the balloon if the performance of the balloon is adequate to comply with the requirements set out in the Annex to Implementing Regulation (EU) No 923/2012 and any other restrictions applicable to the flight, the airspace or operating sites used, ensuring that any charts or maps used are the latest available edition.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart3 Performance and operating limitations > Annex subsubpartBOPBAS210 Performance — General > para. 1

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Subjects

Aviation; Environment

(a)

Instruments and equipment required by this Section shall be approved in accordance with Annex I to Regulation (EU) No 748/2012 if one of the following conditions is fulfilled:

- (1) they are used to comply with points BOP.BAS.355 and BOP.BAS.360;
- (2) they are permanently installed in the balloon.

(b)

By way of derogation from point (a), all of the following instruments or equipment, when required by this Section, shall not need an approval:

- (1) instruments or equipment used by the flight crew to determine the flight path;
- (2) independent portable lights;
- (3) an accurate time piece;
- (4) first-aid kit;
- (5) survival and signalling equipment;
- (6) supplemental oxygen storage and dispensing apparatus;
- (7) alternative source of ignition;
- (8) fire blanket or fire-resistant cover;
- (9) hand fire extinguisher;
- (10) drop line;
- (11) knife.

(c)

Instruments and equipment not required by this Section, as well as any other equipment that is not required by this Annex but is carried on board a balloon during a flight, shall comply with the following two conditions:

- (1) the information provided by those instruments or equipment shall not be used by the flight crew to comply with the essential requirements for airworthiness set out in Annex II to Regulation (EU) 2018/1139;
- (2) the instruments and equipment shall not affect the airworthiness of the balloon, even in the case of failures or malfunction.

(d)

Instruments and equipment shall be readily operable or accessible from the station where the flight crew member that needs to use it is assigned.

(e)

All required emergency equipment shall be easily accessible for immediate use.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL
REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex
subsubpartBOPBAS300 Instruments and equipment — General > para. 1*

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Subjects

Aviation; Environment

A balloon flight shall not be commenced when any of the instruments and equipment required for the intended flight with the balloon are missing, inoperative or do not fulfil the required functions.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS305 Minimum instruments and equipment for flight > para. 1

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8 April 2020 - Present

Subjects

Aviation; Environment

Balloons operated at night shall be equipped with all of the following:

(a)

an anti-collision light;

(b)

a means to provide adequate illumination for all instruments and equipment essential to the safe operation of the balloon;

(c)

an independent portable light.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS310 Operating lights > para. 1

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Subjects

Aviation; Environment

Balloons operated under VFR by day shall be equipped with both of the following:

(a)

a means of displaying drift direction;

(b)

a means of measuring and displaying:

(1) time in hours, minutes and seconds;

(2) vertical speed, if required by the AFM; and

(3) pressure altitude, if required by the AFM, when required by airspace requirements or when the altitude needs to be known for the use of oxygen.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS315 Flight and navigational instruments and equipment > para. 1

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Subjects

Aviation; Environment

Balloons shall be equipped with a restraint system for the pilot-in-command when the balloon is equipped with one of the following:

(a)

a separate compartment for the pilot-in-command;

(b)

turning vent(s).

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS320 Restraint systems > para. 1

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Subjects

Aviation; Environment

Balloons operated when an oxygen supply is required in accordance with point BOP.BAS.180 shall be equipped with oxygen storage and dispensing apparatus capable of storing and dispensing the required oxygen supplies.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS325 Supplemental oxygen > para. 1

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Subjects

Aviation; Environment

(a)

Balloons shall be equipped with a first-aid kit.

(b)

The first-aid kit shall be:

- (1) readily accessible for use; and
- (2) kept up-to-date.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS330 First-aid kit > para. 1*

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Subjects

Aviation; Environment

Except for gas balloons, balloons shall be equipped with at least one hand fire extinguisher.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS335 Hand fire extinguishers > para. 1

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Subjects

Aviation; Environment

The pilot-in-command of a balloon operated over water shall determine, before commencing the flight, the risks to survival of the persons carried in the balloon in the event of ditching. In light of those risks, he or she shall determine whether there is need to carry life-saving and signalling equipment.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL
REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex
subsubpartBOPBAS340 Life-saving and signalling equipment – Flights over water > para. 1*

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Subjects

Aviation; Environment

Balloons operated over areas in which search and rescue (SAR) would be especially difficult shall be equipped with such life-saving and signalling equipment as appropriate to the area overflown.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS345 Life-saving and signalling equipment – Search and rescue difficulties > para. 1

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Subjects

Aviation; Environment

(a)

Balloons shall be equipped with protective gloves for each crew member.

(b)

Mixed balloons, hot-air balloons and hot-air airships shall be equipped with all of the following:

- (1) an alternative and independent source of ignition;
- (2) a means of measuring and indicating fuel quantity;
- (3) a fire blanket or fire-resistant cover;
- (4) a drop line of at least 25 m in length.

(c)

Gas balloons shall be equipped with both of the following:

- (1) a knife;
- (2) a trail rope of at least 20 m in length made of natural fibre or electrostatic, conductive material.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS350 Miscellaneous equipment > para. 1

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Subjects

Aviation; Environment

(a)

Balloons shall have radio communication equipment to allow for the communication required in accordance with appendix 4 to the Annex to Implementing Regulation (EU) No 923/2012 and, if the flight takes place in the airspace of a third country, the law of that third country.

(b)

The radio communication equipment shall provide for communication on the aeronautical emergency frequency 121,5 MHz.

Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS > Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS355 Radio communication equipment > para. 1

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Subjects

Aviation; Environment

Balloons shall have a secondary surveillance radar (SSR) transponder with all the capabilities required in accordance with point (b) of point SERA.6005 of the Annex to Implementing Regulation (EU) No 923/2012 and, if the flight takes places in airspace of a third country, the law of that third country.

*Annex II BALLOON AIR OPERATIONS > Annex partBAS BASIC OPERATIONAL REQUIREMENTS
> Annex subpart4 Instruments and equipment > Annex subsubpartBOPBAS360 Transponder > para. 1*

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Subjects

Aviation; Environment

In accordance with Article 3, this Subpart establishes the requirements to be met, in addition to the requirements of Subpart BAS, by any operator engaged in commercial operations with balloons, other than the operators referred to in the last subparagraph Article 3(2).

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart1 General
organisation requirements > Annex subsubpartBOPADD001 Scope > para. 1*

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Subjects

Aviation; Environment

(a)

The operator shall be responsible for the operation of the balloon in accordance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139, with the requirements of this Subpart and with its declaration.

(b)

Every flight shall be conducted in accordance with the provisions of the operations manual.

(c)

The operator shall ensure that the balloon is equipped and all crew members are qualified as required for the area and type of operation.

(d)

The operator shall ensure that all crew members assigned to, or directly involved in, flight operations comply with all of the following conditions:

- (1) they are properly trained and instructed;
- (2) they are aware of the rules and procedures relevant to their particular duties;
- (3) they have demonstrated their abilities in their particular duties;
- (4) they are aware of their responsibilities and the relationship of such duties to the operation of the balloon as a whole.

(e)

The operator shall establish procedures and instructions for the safe operation of each balloon type, containing duties and responsibilities of the crew members, for all types of operations. Those procedures and instructions shall not require crew members to perform any activity during critical phases of flight other than those required for the safe operation of the balloon.

(f)

The operator shall make arrangements for the supervision of crew members and personnel involved in the operation of the balloon by individuals with adequate experience and skills in order to ensure the attainment of the standards specified in the operations manual.

(g)

The operator shall ensure that all crew members and personnel involved in the operation of the balloon are made aware that they are to comply with the laws, regulations and procedures of the States in which operations are conducted that are pertinent to the performance of their duties.

(h)

The operator shall specify flight planning procedures to provide for the safe conduct of the flight, based on considerations of balloon performance, other operating limitations and relevant expected conditions on the route to be followed and at the operating sites concerned. Those procedures shall be included in the operations manual.

*Annex II BALLOON AIR OPERATIONS > Annex part ADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart I General organisation
requirements > Annex subsubpart BOP ADD 005 Responsibilities of the operator > para. 1*

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31 December 2020 - Present

Subjects

Aviation; Environment

The operator shall, when making the declaration in accordance with point BOP.ADD.100, notify to the [CAA]¹ the list of alternative means of compliance (AltMoC), where it intends to use AltMoC to demonstrate compliance when so requested in accordance with point BOP.BAS.010. That list shall contain references to the acceptable means of compliance (AMC) which they replace in case associated AMC have been adopted by the [CAA]².

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(5) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
- 2 Word substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(6) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart1 General organisation requirements
> Annex subsubpartBOPADD010 Notification of alternative means of compliance > para. 1*

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Subjects

Aviation; Environment

(a)

For the purpose of determining compliance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation, the operator shall grant access to any person authorised by the [CAA]¹ at any time to any facility, balloon, document, records, data, procedures or any other material relevant to the operator's activity that falls within the scope of this Regulation, irrespective of whether or not the activity is contracted.

(b)

Access to the balloon shall, in the case of commercial passenger ballooning, include the possibility to enter and remain in the balloon during flight operations, unless to do so would endanger the flight.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart1 General
organisation requirements > Annex subsubpartBOPADD015 Access > para. 1*

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Subjects

Aviation; Environment

After receipt of the notification of findings raised by the [CAA]¹ in accordance with points ARO.GEN.350, ARO.GEN.355 and ARO.GEN.360 of Annex II to Regulation (EU) No 965/2012, the operator shall do all of the following:

(a)

identify the root cause of the non-compliance;

(b)

define a corrective action plan;

(c)

demonstrate implementation of the corrective action plan to the satisfaction of the [CAA]¹ within the time period specified by that authority in accordance with point ARO.GEN.350 of Annex II to Regulation (EU) No 965/2012.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpartI General organisation requirements > Annex subsubpartBOPADD020 Findings > para. 1

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Subjects

Aviation; Environment

(a)

The operator shall implement, as part of its management system, an occurrence reporting scheme which is to provide for mandatory and voluntary reporting in accordance with Regulation (EU) No 376/2014 of the European Parliament and of the Council¹.

(b)

Without prejudice to point (a), the operator shall report to the [CAA]² and to the organisation responsible for the design of the balloon any malfunction, technical defect, exceeding of technical limitations or occurrence that would highlight inaccurate, incomplete or ambiguous information contained in data established in accordance with Annex I to Regulation (EU) No 748/2012 and any other occurrence which constitutes an incident but not an accident or serious incident.

(c)

The operator shall take the necessary measures to ensure compliance with Article 9 of Regulation (EU) No 996/2010 of the European Parliament and of the Council³ by the pilot-in-command, any other crew member and all its personnel in respect of any serious incident or accident associated with the operation of a balloon.

Notes

- 1 Regulation (EU) No 376/2014 of the European Parliament and of the Council of 3 April 2014 on the reporting, analysis and follow-up of occurrences in civil aviation, amending Regulation (EU) No 996/2010 of the European Parliament and of the Council and repealing Directive 2003/42/EC of the European Parliament and of the Council and Commission Regulations (EC) No 1321/2007 and (EC) No 1330/2007 (OJ L 122, 24.4.2014, p. 18).
- 2 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
- 3 Regulation (EU) No 996/2010 of the European Parliament and of the Council of 20 October 2010 on the investigation and prevention of accidents and incidents in civil aviation and repealing Directive 94/56/EC (OJ L 295, 12.11.2010, p. 35).

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart1 General organisation
requirements > Annex subsubpartBOPADD025 Occurrence reporting > para. 1*

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Subjects

Aviation; Environment

(a)

The operator shall establish, implement and maintain a management system that includes all of the following:

- (1) clearly defined lines of responsibility and accountability throughout the organisation of the operator, including a direct safety accountability of the accountable manager;
- (2) a description of the overall philosophies and principles of the operator with regard to safety, which shall be known as the safety policy;
- (3) the identification of aviation safety hazards entailed by the activities of the operator, the evaluation of those hazards and the management of associated risks, including by taking actions to mitigate those risks where necessary and verifying the effectiveness of those actions;
- (4) maintaining personnel trained and competent to perform their tasks;
- (5) documentation of all key processes of the management system, including a process for making personnel aware of their responsibilities and the procedure for amending that documentation;
- (6) a function to monitor compliance of the operator with the requirements of this Annex. Such compliance monitoring shall include a feedback system of findings to the accountable manager of the operator to ensure effective implementation of corrective actions as necessary;
- (7) the processes necessary to ensure compliance with the requirements of Articles 4, 5, 6 and 13 of Regulation (EU) No 376/2014.

(b)

The management system shall correspond to the size of the operator and the nature and complexity of its activities, taking into account the hazards and associated risks of those activities.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart1 General organisation
requirements > Annex subsubpartBOPADD030 Management system > para. 1*

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Subjects

Aviation; Environment

When contracting any part of its activity that falls within the scope of this Regulation, the operator shall be responsible for ensuring that the contracted organisation carries out the activity in accordance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation. The operator shall also ensure that the [CAA]¹ is given access to the contracted organisation in order to determine that the operator complies with those requirements.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart1 General organisation
requirements > Annex subsubpartBOPADD035 Contracted activities > para. 1*

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Subjects

Aviation; Environment

(a)

The operator shall appoint an accountable manager who has the authority to ensure that all activities that fall within the scope of this Regulation can be financed and carried out in accordance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation. The accountable manager shall be responsible for establishing and maintaining an effective management system.

(b)

The operator shall:

- (1) identify the responsibilities of its personnel for all tasks and activities to be performed;
- (2) have sufficient qualified personnel to carry out those tasks and activities; and
- (3) maintain appropriate experience, qualification and training records of its personnel.

(c)

The operator shall nominate one or more persons responsible for the management and supervision of all of the following areas:

- (1) flight operations;
- (2) ground operations;
- (3) continuing airworthiness, in accordance with Regulation (EU) No 1321/2014.

*Annex II BALLOON AIR OPERATIONS > Annex part ADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart I General organisation
requirements > Annex subsubpart BOP ADD 040 Personnel requirements > para. 1*

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Subjects

Aviation; Environment

The operator shall have facilities that are sufficient to allow the performance and management of all tasks and activities required to ensure compliance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart1 General organisation
requirements > Annex subsubpartBOPADD045 Facility requirements > para. 1*

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Subjects

Aviation; Environment

(a)

In the declaration referred to in the second subparagraph of Article 3(2), the operator shall confirm that it complies and will continue to comply with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation.

(b)

The operator shall include in the declaration all of the following information:

- (1) the name of the operator;
- (2) the place where the operator has its principal place of business;
- (3) the name and contact details of the accountable manager of the operator;
- (4) the starting date of the commercial operation and, where relevant, the date at which the change to an existing commercial operation takes effect;
- (5) in respect of all balloons used for the commercial operation, the balloon type, registration, main base, type of operation and continuing airworthiness management organisation.

(c)

Where applicable, the operator shall annex to the declaration the list of alternative means of compliance (AltMoC), in accordance with point BOP.ADD.010.

(d)

When making the declaration, the operator shall use the form contained in the Appendix to this Annex.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart2 Declaration, airworthiness
and wet and dry lease > Annex subsubpartBOPADD100 Declaration > para. 1*

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Subjects

Aviation; Environment

(a)

The operator shall notify the [CAA]¹ without delay of any changes in circumstances affecting its compliance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of this Regulation, as declared to the [CAA]¹, and of any changes in respect of the information referred to in point BOP.ADD.100(b) and the list of AltMoCs referred to in point BOP.ADD.100(c), as included in or annexed to the declaration.

(b)

The operator shall notify the [CAA]¹ without delay when it is no longer engaged in commercial operations with balloons.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart2 Declaration, airworthiness and wet and dry lease > Annex subsubpartBOPADD105 Changes to the declaration and cessation of commercial operations > para. 1

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

Balloons shall have a certificate of airworthiness issued in accordance with Regulation (EU) No 748/2012 or, in the case of a balloon registered in a third country, shall be subject to either a wet lease agreement or a dry lease agreement in accordance with point BOP.ADD.115.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart2 Declaration, airworthiness and
wet and dry lease > Annex subsubpartBOPADD110 Airworthiness requirements > para. 1*

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para. 1



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

(a)

The operator shall notify to the [CAA]¹ any wet lease agreement or dry lease agreement concerning a balloon registered in a third country

(b)

Where a balloon registered in a third country is subject to a wet lease agreement, the operator shall ensure that the level of safety resulting from the application of the safety standards with regard to continuing airworthiness and air operations to which the third country operator of the balloon is subject, is at least equivalent to that resulting from the application of the requirements of Annex I to Regulation (EU) No 1321/2014 and of this Regulation.

(c)

Where a balloon registered in a third country is subject to a dry lease agreement, the operator of such balloon shall ensure compliance with the essential requirements relating to continuing airworthiness set out in Annexes II and V to Regulation (EU) 2018/1139 and with the requirements of this Regulation.

Notes

- 1 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(7) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart2 Declaration, airworthiness and wet and dry lease > Annex subsubpartBOPADD115 Wet lease and dry lease of a balloon registered in a third country > para. 1

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para. 1



Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

(a)

The operator shall establish an operations manual.

(b)

The content of the operations manual shall reflect the requirements set out in this Annex and shall not contravene any information contained in the operator's declaration.

(c)

The operations manual may be established as separate parts.

(d)

All personnel of the operator shall have easy access to the portions of the operations manual that are relevant to their duties.

(e)

The operations manual shall be kept up-to-date. All personnel of the operator shall be made aware of any amendment of the operations manual that are relevant to the performance of their duties.

(f)

The operator shall ensure that any information used as the basis for the content of the operations manual and any amendment thereof is correctly reflected in the operations manual.

(g)

The operator shall ensure that all personnel are able to understand the language in which those parts of the operations manual which are relevant to their duties are written. The content of the operations manual shall be presented in a form that can be used without difficulty.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart3 Manuals
and records > Annex subsubpartBOPADD200 Operations manual > para. 1*

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para. 1



Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

(a)

The operator shall establish a system of record-keeping that allows adequate storage and reliable traceability of its activities.

(b)

The format of the records shall be specified in the operator's procedures or manuals.

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart3 Manuals and records > Annex subsubpartBOPADD205 Record-keeping > para. 1

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para. 1



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31 December 2020 - Present

Subjects

Aviation; Environment

(a)

The composition of the flight crew shall be, as a minimum, as specified in the AFM or operating limitations prescribed for the balloon.

(b)

The flight crew shall include additional flight crew members when required by the type of operation. The number of the flight crew shall not be lower than the number specified in the operations manual.

(c)

All flight crew members shall hold a licence and ratings issued or accepted in accordance with Annex III to this Regulation and shall be appropriate to the duties assigned to them.

(d)

Flight crew members may be relieved during the flight of their duties at the controls by another suitably qualified flight crew member.

(e)

When engaging the services of flight crew members who work on a freelance or part-time basis, the operator shall verify that all of the following requirements are complied with:

- (1) the requirements of this Subpart;
- (2) Annex III to this Regulation, including the requirements on recent experience;
- (3) the flight and duty time limitations and rest requirements in accordance with [any relevant enactment]¹, taking into account all services rendered by the flight crew member to other operators.

Notes

1 Words substituted in point (e)(3) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(8) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart4 Flight crew > Annex subsubpartBOPADD300 Composition of flight crew > para. 1

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

(a)

The operator shall designate one pilot amongst the flight crew as pilot-in-command.

(b)

The operator shall only designate a pilot to act as pilot-in-command if he or she:

- (1) is qualified to act as pilot-in-command in accordance with Annex III to this Regulation;
- (2) has the minimum level of experience specified in the operations manual; and
- (3) has adequate knowledge of the area to be flown.

Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart4 Flight crew > Annex subsubpartBOPADD305 Designation as pilot-in-command > para. 1

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

All training and checking of flight crew members required pursuant to point BOP.ADD.315 shall be provided as follows:

(a)

in accordance with the training programmes and syllabi established by the operator in the operations manual;

(b)

by appropriately qualified persons and, as regards flight training and checking, by persons qualified in accordance with Annex III to this Regulation.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart4 Flight
crew > Annex subsubpartBOPADD310 Provision of training and checking > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

(a)

Each flight crew member shall complete every 2 years recurrent flight and ground training relevant to the class of balloon on which he or she operates, including training on the location and use of all emergency and safety equipment carried.

(b)

Each flight crew member shall complete operator proficiency checks to demonstrate his or her competence in carrying out normal, abnormal and emergency procedures, covering the relevant aspects associated with the specialised tasks described in the operations manual. When carrying out those checks, due account shall be taken of crew members who undertake operations under VFR at night.

(c)

The operator proficiency check shall be valid for 24 calendar months, counting from the end of the month during which the check was carried out or, in case the check is carried out within the last 3 months of the validity period of the previous check, from the last day of the validity period of that previous check.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart4 Flight
crew > Annex subsubpartBOPADD315 Recurrent training and checking > para. 1*

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para. 1



Law In Force

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31 December 2020 - Present

Subjects

Aviation; Environment

The pilot-in-command shall comply with both of the following:

(a)

the relevant requirements of the operator's occurrence reporting scheme referred to in point BOP.ADD.025;

(b)

all flight and duty time limitations and rest requirements applicable to his or her activities in accordance with [any relevant enactment]¹.

Notes

- 1 Words substituted in point (b) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(9) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating requirements
> Annex subsubpartBOPADD400 Responsibilities of the pilot-in-command > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

Notwithstanding point BOP.BAS.035, the operator shall take all reasonable measures to ensure that all persons carried in the balloon obey all lawful commands given by the pilot-in-command for the purpose of ensuring the safety of the balloon, of any person or property carried therein or of any person or property on the ground.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating requirements
> Annex subsubpartBOPADD405 Authority of the pilot-in-command > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

When a balloon carries more than 19 passengers, at least one additional crew member shall be present on board the balloon in addition to the flight crew as required pursuant to points (a) and (b) of point BOP.ADD.300 to assist passengers in the event of an emergency. That additional crew member shall be appropriately experienced and trained.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating requirements
> Annex subsubpartBOPADD410 Additional balloon crew member > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

Crew members shall not perform any duties on the balloon where their fitness might be impaired after deep water diving or following blood donation.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating requirements > Annex
subsubpartBOPADD415 Fitness relating to deep water diving and blood donation > para. 1*

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para. 1



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8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall ensure that all crew members can communicate with each other in a common language.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart5 General
operating requirements > Annex subsubpartBOPADD420 Common language > para. 1*

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Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall take all reasonable measures to ensure that no person enters or is in a balloon when under the influence of psychoactive substances to the extent that the safety of the balloon, of any person or property carried therein or of any person or property on the ground is likely to be endangered by the presence of that person.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating
requirements > Annex subsubpartBOPADD425 Psychoactive substances > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall take all reasonable measures to ensure that no person, intentionally, recklessly or negligently, acts or omits to act with one of the following consequences:

(a)

endanger a balloon or person therein or on the ground;

(b)

cause or permit a balloon to endanger any person or property.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart5 General
operating requirements > Annex subsubpartBOPADD430 Endangering > para. 1*

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para. 1



Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

(a)

All of the following documents, manuals and information shall be carried on each flight as originals or copies:

- (1) the declaration made by the operator;
- (2) information concerning search and rescue services for the area of the intended flight;
- (3) the operational flight plan.

(b)

All of the following documents, manuals and information shall be stowed at a safe place, not on board the balloon during a flight, as originals:

- (1) the documents, manuals and information referred to in point (a), when copies thereof are carried on board the balloon during a flight;
- (2) the current parts of the operations manual or the standard operating procedures (SOPs) that are relevant to the duties of crew members, which shall be easily accessible to them;
- (3) passenger lists, when passengers are carried;
- (4) the mass documentation referred to in point (c) of point BOP.ADD.600.

(c)

When requested by the [CAA]¹, the pilot-in-command or the operator shall make available to that authority the original documents, manuals and information within the time period specified by the authority which shall not be less than 24 hours.

Notes

- 1 Words substituted in point (c) by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.18(10) (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart5 General operating requirements >
Annex subsubpartBOPADD435 Documents, manuals and information to be carried > para. 1*

para. 1



Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall:

(a)

establish procedures to ensure that all reasonable measures are taken to prevent dangerous goods from being carried on board the balloon inadvertently; and

(b)

provide crew members with the necessary information enabling them to adequately carry out their duties in respect of any dangerous goods carried or intended to be carried on board the balloon.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart5 General
operating requirements > Annex subsubpartBOPADD440 Dangerous goods > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall ensure that the calculations as regards reserve fuel or ballast are documented in an operational flight plan.

*Annex II BALLOON AIR OPERATIONS > Annex part ADD ADDITIONAL
REQUIREMENTS FOR COMMERCIAL OPERATIONS > Annex subpart 6 Operating
procedures > Annex subsubpart BOP ADD 500 Fuel or ballast calculations > para. 1*

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para. 1



Law In Force

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8 April 2020 - Present

Subjects

Aviation; Environment

The operator shall establish procedures for carrying persons requiring special conditions, assistance or devices when carried on board a balloon under conditions that ensure the safety of the balloon and of any person or property carried therein.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart6 Operating procedures >
Annex subsubpartBOPADD505 Carriage of special categories of passengers > para. 1*

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para. 1



Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

Notwithstanding point BOP.BAS.190:

(a)

Before commencing a commercial balloon specialised operation, the operator shall conduct a risk assessment, assessing the complexity of the intended operation in order to determine the hazards and associated risks of the operation and to establish mitigating measures where necessary.

(b)

Based on the risk assessment, the operator shall, before commencing the commercial balloon specialised operation, establish standard operating procedures (SOPs) appropriate to the intended operation and the balloon used. The SOPs shall either be part of the operations manual or be laid down in a separate document. The operator shall regularly review and update the SOPs where necessary in order to adequately take account of the risk assessment.

(c)

The operator shall ensure that commercial balloon specialised operations are performed in accordance with the SOPs.

*Annex II BALLOON AIR OPERATIONS > Annex partADD ADDITIONAL REQUIREMENTS FOR
COMMERCIAL OPERATIONS > Annex subpart6 Operating procedures > Annex subsubpartBOPADD510
Commercial balloon specialised operations — Standard operating procedures > para. 1*

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para. 1



Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

(a)

The operator shall establish a system specifying how all of the following items are accurately determined for each flight, so as to enable the pilot-in-command to verify that the limitations of the AFM are complied with:

- (1) balloon empty mass;
- (2) mass of the traffic load;
- (3) mass of the fuel or ballast load;
- (4) take-off mass;
- (5) loading of the balloon performed under the supervision of the pilot-in-command or qualified personnel;
- (6) preparation and disposition of all documentation.

(b)

The mass computation based on electronic calculations shall be replicable by the pilot-in-command.

(c)

The mass documentation, specifying the items listed in point (a), shall be prepared prior to each flight and documented in an operational flight plan.

*Annex II BALLOON AIR OPERATIONS > Annex part ADD ADDITIONAL REQUIREMENTS
FOR COMMERCIAL OPERATIONS > Annex subpart 7 Performance and operating
limitations > Annex subsubpart BOP ADD 600 System for determining the mass > para. 1*

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para. 1

**Law In Force****Version 2 of 2**

31 December 2020 - Present

Subjects

Aviation; Environment

DECLARATION				
in accordance with Commission Regulation (EU) 2018/395				
Operator				
Name:				
Place where the operator has its principal place of business:				
Name and contact details of the accountable manager:				
Balloon operation				
Starting date of commercial operation and, where relevant, date of change to existing commercial operation.				
Information on balloon(s) used, commercial operation(s) and continuing airworthiness management: ¹				
Balloon type	Balloon registration	Main base	Type(s) of operation ²	Continuing airworthiness management organisation ³
Where applicable, list of the AltMoCs with references to the associated AMC (annex to this declaration):				
Statements				
<input type="checkbox"/> The operator complies, and will continue to comply, with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of Regulation (EU) 2018/395.				
In particular, the operator conducts its commercial operations in accordance with the following requirements of Subpart ADD of Annex II to Regulation (EU) 2018/395:				
<input type="checkbox"/> The management system documentation, including the operations manual, comply with the requirements of Subpart ADD and all flights will be carried out in accordance with the provisions of the operations manual as required by point BOP.ADD.005(b) of Subpart ADD.				
<input type="checkbox"/> All balloons operated either have a certificate of airworthiness issued in accordance with Regulation (EU) No 748/2012 or meet the specific airworthiness requirements applicable to balloons that are registered in a third country and are subject to a wet lease agreement or a dry lease agreement, as required by points BOP.ADD.110 and BOP.ADD.115(b) and (c) of Subpart ADD.				
<input type="checkbox"/> All flight crew members hold a licence and ratings issued or accepted in accordance with Annex III to Regulation (EU) 2018/395, as required by point BOP.ADD.300(c) of Subpart ADD.				
<input type="checkbox"/> The operator will notify the [CAA] ⁴ of any changes in circumstances affecting its compliance with the essential requirements set out in Annex V to Regulation (EU) 2018/1139 and with the requirements of Regulation (EU) 2018/395 as declared to the [CAA] ⁴ through this declaration and any changes to the information and lists of AltMoCs included in and annexed to this declaration, as required by point BOP.ADD.105(a) of Subpart ADD.				
<input type="checkbox"/> The operator confirms that all information included in this declaration, including its annexes, is complete and correct.				
Date, name and signature of the accountable manager				

Notes

- 1 Complete the table. If there is not enough space to list the information, it shall be listed in a separate annex. The annex shall be dated and signed.
- 2 'Type(s) of operation' refers to the type(s) of commercial operation conducted with the balloon.
- 3 Information about the organisation responsible for the continuing airworthiness management shall include the name of the organisation, the address and the approval reference.

Notes

- 4 Words substituted by Aviation Safety (Amendment etc.) (EU Exit) (No. 2) Regulations 2019/1098 Pt 3(1) reg.19 (December 31, 2020: shall come into force on IP completion day not exit day as specified in 2020 c.1 s.39(1) and Sch.5 para.1(1))
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Annex II BALLOON AIR OPERATIONS > para. 1

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para. 1



Version 3 of 3

28 January 2021 - Present

Subjects

Aviation; Environment

BFCL.001 Scope

This Annex establishes the requirements for the issue of a balloon pilot licence ('BPL') and associated privileges, ratings and certificates, and the conditions for their validity and use.

[...]¹

BFCL.010 Classes and groups of balloons

For the purpose of this Annex, balloons shall be categorised in the following classes and groups:

- (a) 'hot-air balloon' class:
 - (1) group A: envelope capacity up to 3400 m³ (120069 ft³);
 - (2) group B: envelope capacity between 3401 m³ (120070 ft³) and 6000 m³ (211888 ft³);
 - (3) group C: envelope capacity between 6001 m³ (211889 ft³) and 10500 m³ (370804 ft³);
 - (4) group D: envelope capacity of more than 10500 m³ (370804 ft³);
- (b) 'gas balloon' class;
- (c) 'mixed balloon' class;
- (d) 'hot-air airship' class.

BFCL.015 Application for and issue, revalidation and renewal of a BPL as well as associated privileges, ratings and certificates

- (a) An application for the following shall be submitted to [the CAA]² in a form and manner established by [the CAA]³ :
 - (1) the issue of a BPL and associated ratings;
 - (2) the extension of the privileges of a BPL;
 - (3) the issue of a flight instructor (for balloons) ('FI(B)') certificate;
 - (4) the issue, revalidation and renewal of a flight examiner (for balloons) ('FE(B)') certificate; and
 - (5) any amendments to the BPL and associated privileges, ratings certificates.
- (b) An application specified in paragraph (a) shall be accompanied by evidence that the applicant complies with the relevant requirements established in this Annex and in Annex IV (Part-MED) to Regulation (EU) No 1178/2011.

(c) Any limitation or extension of the privileges granted by a licence, rating or certificate shall be endorsed on the licence or certificate by the [CAA]⁴.

(d) A person shall not hold at any time more than one BPL issued in accordance with this Annex.

[...] ⁵

(g) Applicants shall apply for the issue of a BPL and associated ratings, privileges or certificates not later than 6 months after having successfully completed the skill test or assessment of competence.

BFCL.030 Practical skill test

Except for the skill test for the commercial operation rating as specified in point BFCL.215, an applicant for a skill test shall be recommended for the test by the ATO or the DTO that is responsible for the training undertaken by the applicants, once the training is completed. The training records shall be made available to the examiner by the ATO or DTO.

BFCL.035 Crediting of flight time

Applicants for a BPL or an associated privilege, rating or certificate shall be fully credited with all solo, dual instruction or PIC flight time on balloons towards the requirement of a total flight time for the licence, privilege, rating or certificate.

BFCL.045 Obligation to carry and present documents

(a) When exercising the privileges of BPL licence, BPL holders shall carry all of the following:

- (1) a valid BPL;
- (2) a valid medical certificate [or medical declaration, appropriate to the privileges exercised]⁶ ;
- (3) a personal identification document containing his or her photo;
- (4) sufficient logbook data to demonstrate compliance with the requirements of this Annex.

(b) Student pilots shall carry on all solo flights:

- (1) the documents as specified in paragraphs (a)(2) and (a)(3); and
- (2) evidence of the authorisation required by point BFCL.125(a).

(c) BPL holders or student pilots shall without undue delay present the documents as specified in paragraph (a) or (b) for inspection upon request by an authorised representative of the [CAA]⁷.

BFCL.050 Recording of flight time

BPL holders and student pilots shall keep a reliable record of the details of all flights flown in a form and manner established by the [CAA]⁸.

BFCL.065 Curtailment of privileges of BPL holders aged 70 years or older in commercial passenger ballooning

BPL holders who have attained the age of 70 years shall not act as pilots of a balloon engaged in commercial passenger balloon operations.

BFCL.070 Limitation, suspension or revocation of licences, privileges, ratings and certificates

(a) A BPL as well as associated privileges, ratings and certificates issued in accordance with this Annex may be limited, suspended or revoked by the [CAA]⁹ in accordance with the conditions and procedures laid down in Annex VI (Part-ARA) to Regulation (EU) No 1178/2011 if a BPL holder does not comply with the essential requirements set out in Annex IV to Regulation (EU) 2018/1139 or with the requirements of this Annex as well as of Annex II (Part-BOP) to this Regulation or of Annex IV (Part-MED) to Regulation (EU) No 1178/2011.

(b) BPL holders shall immediately return the licence or certificate to the [CAA]⁹ if their licence, privilege, rating or certificate has been limited, suspended or revoked.

Notes

- 1 Point BFCL.005 is repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(a) (December 31, 2020: shall come into force on IP completion day)
- 2 Words substituted in point BFCL.015(a) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(b)(i)(aa) (December 31, 2020: shall come into force on IP completion day)
- 3 Words substituted in point BFCL.015(a) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(b)(i)(bb) (December 31, 2020: shall come into force on IP completion day)
- 4 Words substituted in point BFCL.015(c) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(b)(ii) (December 31, 2020: shall come into force on IP completion day)
- 5 Points BFCL.015(e) and (f) are repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(b)(iii) (December 31, 2020: shall come into force on IP completion day)
- 6 Words inserted by Aviation Safety (Amendment) Regulations 2021/10 reg.5(3)(a) (January 28, 2021)
- 7 Words substituted in point BFCL.045(c) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(c) (December 31, 2020: shall come into force on IP completion day)
- 8 Words substituted in point BFCL.050 by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(c) (December 31, 2020: shall come into force on IP completion day)
- 9 Words substituted in point BFCL.070 by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(2)(c) (December 31, 2020: shall come into force on IP completion day)

*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING
[PART-BFCL] > Annex partGEN GENERAL REQUIREMENTS > para. 1*

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para. 1



Version 3 of 3

28 January 2021 - Present

Subjects

Aviation; Environment

BFCL.115 BPL – Privileges and conditions

- (a) The privileges of a BPL holder are to act as PIC in balloons:
 - (1) without remuneration in non-commercial operations;
 - (2) in commercial operations if he or she holds a commercial operation rating in accordance with point BFCL.215 of Subpart ADD of this Annex.
- (b) By way of derogation from paragraph (a)(1), a BPL holder who has instructor or examiner privileges may receive remuneration for:
 - (1) the provision of flight instruction for the BPL;
 - (2) the conduct of skill tests and proficiency checks for the BPL;
 - (3) the training, testing and checking for the privileges, ratings and certificates attached to a BPL.
- (c) BPL holders shall exercise BPL privileges only if they comply with the applicable recency requirements and only if their medical certificate [or medical declaration]¹, appropriate to the privileges exercised, is valid.

BFCL.120 BPL – Minimum age

Applicants for a BPL shall be at least 16 years of age.

BFCL.125 BPL – Student pilot

- (a) Student pilots shall not fly solo unless authorised to do so and supervised by a flight instructor for balloons (FI(B)).
- (b) Student pilots shall be at least 14 years of age to be allowed on solo flights.

BFCL.130 BPL – Training course and experience requirements

Applicants for a BPL shall complete a training course at an ATO or a DTO. The course shall be tailored to the privileges sought and shall include:

- (a) theoretical knowledge as specified in point BFCL.135(a);
- (b) at least 16 hours of flight instruction in either hot-air balloons that represent group A of that class, or gas balloons, including at least:
 - (1) 12 hours of dual flight instruction;

- (2) 10 inflations and 20 take-offs and landings; and
- (3) One supervised solo flight with a flight time of at least 30 minutes.

BFCL.135 BPL – Theoretical knowledge examination

(a) Theoretical knowledge Applicants for a BPL shall demonstrate a level of theoretical knowledge that is appropriate to the privileges sought through examinations on the following:

(1) common subjects:

- (i) air law;
- (ii) human performance;
- (iii) meteorology;
- (iv) communications; and

(2) specific subjects concerning balloons:

- (i) principles of flight;
- (ii) operational procedures;
- (iii) flight performance and planning;
- (iv) aircraft general knowledge related to balloons; and
- (v) navigation.

(b) Responsibilities of the applicant[...]²

(2) The applicant shall take the theoretical knowledge examination only if recommended by the ATO or the DTO that is responsible for his or her training and once he or she has completed the appropriate elements of the training course of theoretical knowledge instruction to a satisfactory standard.

(3) The recommendation by the ATO or the DTO shall be valid for 12 months. If the applicant has failed to take at least one theoretical knowledge examination paper within this validity period, the need for further training shall be determined by the ATO or the DTO, based on the needs of the applicant.

(c) Pass standards

(1) A pass in a theoretical knowledge examination paper shall be awarded to the applicant if he or she has achieved at least 75 % of the marks allocated to that paper. No penalty marking shall be applied.

(2) Unless otherwise specified in this Annex, an applicant is considered to have successfully completed the required theoretical knowledge examination for the BPL if he or she has passed all the required theoretical knowledge examination papers within a period of 18 months counted from the end of the calendar month when the applicant first attempted to take the examination.

(3) If an applicant has failed to pass one of the theoretical knowledge examination papers within four attempts or has failed to pass all papers within the period mentioned in paragraph (2), he or she shall retake the complete set of theoretical knowledge examination papers.

(4) Before retaking the theoretical knowledge examinations, the applicant shall undertake further training at an ATO or a DTO. The ATO or the DTO shall determine the extent and scope of the training, based on the needs of the applicant.

(d) Validity period The theoretical knowledge examination shall be valid for a period of 24 months counted from the day when the applicant successfully completed the theoretical knowledge examination, in accordance with paragraph (c)(2).

BFCL.140 BPL – Crediting of theoretical knowledge

Applicants for the issue of a BPL shall be credited towards the theoretical knowledge requirements for the common subjects as specified in point BFCL.135(a)(1) if they:

- (a) hold a licence in accordance with Annex I (Part-FCL) to Regulation (EU) No 1178/2011 or Annex III (Part-SFCL) to Implementing Regulation (EU) 2018/1976; or
- (b) have passed the theoretical knowledge examinations for a licence as specified in paragraph (a), as long as this is done within the validity period specified in point BFCL.135(d).

BFCL.145 BPL – Practical skill test

- (a) Applicants for a BPL shall demonstrate through the completion of a skill test the ability to perform, as PIC on a balloon, the relevant procedures and manoeuvres with competency appropriate to the privileges sought.
- (b) Applicants shall complete the skill test in the same class of balloons in which the training course has been completed in accordance with point BFCL.130 and, in case of hot-air balloons, in a balloon that represents group A of that class.
- (c) To take a skill test for the issue of a BPL, the applicant shall first pass the required theoretical knowledge examination.
- (d) Pass standards
 - (1) The skill test shall be divided into different sections, representing all the different phases of a balloon flight.
 - (2) Failure in any item of a section shall cause the applicant to fail the entire section. If the applicant fails in only one section, he or she shall repeat only that section. Failure in more than one section shall require the applicant to retake the entire test.
 - (3) If the applicant needs to retake the test in accordance with paragraph (2) and fails in any section, including those sections that have been passed at a previous attempt, the applicant shall retake the entire test.
- (e) If the applicant fails to achieve a pass in all sections of the test within two attempts, he or she shall receive further practical training.

BFCL.150 BPL – Extension of privileges to another balloon class or group

- (a) The privileges of the BPL shall be limited to the class of balloon in which the skill test as specified in point BFCL.145 was taken, and, in the case of hot-air balloons, to group A of that class.
- (b) In the case of hot-air balloons, the privileges of the BPL shall be extended to another group within the hot-air balloon class upon application if a pilot has completed at least:
 - (1) two instruction flights with an FI(B) on a balloon of the relevant group;
 - (2) the following amount of hours of flight time as PIC on balloons:
 - (i) at least 100 hours, if privileges for group B balloons are sought;
 - (ii) at least 200 hours, if privileges for group C balloons are sought;
 - (iii) at least 300 hours, if privileges for group D balloons are sought.

(c) Except for the mixed balloon class, the privileges of the BPL shall be extended to another balloon class, or, if privileges for the hot-air balloon class are sought, to group A of the hot-air balloon class, upon application if a pilot has completed in the relevant balloon class and group:

(1) a training course at an ATO or a DTO, including at least:

(i) five dual instructional flights; or

(ii) in the case of an extension from hot-air balloons to hot-air airships, five hours of dual instruction time; and

(2) a skill test during which the pilot has demonstrated to the FE(B) an adequate level of theoretical knowledge for the other class in the following subjects:

(i) principles of flight;

(ii) operational procedures;

(iii) flight performance and planning;

(iv) aircraft general knowledge with regard to the balloon class for which the extension of privileges is sought.

(d) The completion of the training as specified in paragraphs (b)(1) and (c)(1) shall be entered in the logbook of the pilot and signed by:

(1) in the case of paragraph (b)(1), the instructor who is responsible for the instruction flights; and

(2) in the case of paragraph (c)(1), the head of training of the ATO or of the DTO that is responsible for the training.

(e) A BPL holder shall exercise his or her privileges in the mixed balloon class only if he or she has privileges for both the hot-air balloon class and the gas balloon class.

BFCL.160 BPL – Recency requirements

(a) A BPL holder shall only exercise the privileges of his or her licence if he or she has completed in the relevant balloon class:

(1) either:

(i) within the last 24 months before the planned flight, 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); and

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

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

(b) In addition to the requirements in paragraph (a), in the case of a pilot who is qualified to fly more than one class of balloons, in order to exercise his or her privileges in the other balloon class or the other balloon classes, he or she shall have 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 within the last 24 months.

(c) A BPL holder who does not comply with the requirements in paragraph (a)(1) and, if applicable, (b), before resuming the exercise of his or her privileges, shall pass a proficiency check with an FE(B) in a balloon that represents the relevant class.

(d) After complying with paragraph (a), (b) or (c), as applicable, a BPL holder with privileges to fly hot-air balloons shall exercise his or her privileges only on hot-air balloons that represent:

(i) the same group of hot-air balloons in which the training flight as specified in paragraph (a)(1)(ii) or the proficiency check as specified in paragraph (c), as applicable, have been completed, or a group with a smaller envelope size; or

(ii) group A of hot-air balloons in cases where a pilot, in accordance with paragraph (b), has completed the training flight as specified in paragraph (a)(2) in a balloon class other than hot-air balloons.

(e) The completion of the dual flights, the flights under supervision and the training flight as specified in paragraph (a)(1) and (b), as well as the proficiency check as specified in paragraph (c) shall be entered in the logbook of the pilot and signed by, in the case of paragraphs (a)(1) and (b), the responsible FI(B) and, in the case of paragraph (c), the responsible FE(B).

(f) A BPL holder, that holds also the privileges for commercial operations as specified in point BFCL.215 of Subpart ADD of this Annex, shall be deemed to comply with the requirements of:

(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; 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.

In the case of the hot-air balloon class, limitations specified in paragraph (d), concerning the privileges to operate different classes of balloons, shall apply, depending on the balloon class used for complying with paragraphs (f)(1) or (f)(2).

Notes

- 1 Words inserted by Aviation Safety (Amendment) Regulations 2021/10 reg.5(3)(b) (January 28, 2021)
- 2 Point BFCL.135(b)(1) is repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(3) (December 31, 2020: shall come into force on IP completion day)

*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING
[PART-BFCL] > Annex partBPL BALLOON PILOT LICENCE (BPL) > para. 1*

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Law In Force

Version 1 of 1

8 April 2020 - Present

Subjects

Aviation; Environment

BFCL.200 Tethered hot-air balloon flight rating

- (a) A BPL holder shall undertake tethered flights with hot-air balloons only if he or she holds a tethered hot-air balloon flight rating in accordance with this point.
- (b) To apply for a tethered hot-air balloon flight rating, the applicant shall:
 - (1) have privileges for the hot-air balloon class;
 - (2) first complete at least two tethered hot-air balloon instruction flights.
- (c) The completion of the tethered hot-air balloon training shall be entered in the logbook and signed by the FI(B) who is responsible for the training.
- (d) A pilot who holds a tethered hot-air balloon flight rating shall exercise his or her privileges only if he or she has completed at least one tethered hot-air balloon flight during the 48 months preceding the planned flight, or, if he or she has not performed such a flight, the pilot shall exercise his or her privileges if they have performed a tethered hot-air balloon flight flying dual or solo under the supervision of an FI(B). The completion of such dual or solo flight under supervision shall be entered in the pilots logbook and signed by the FI(B).

BFCL.210 Night rating

- (a) A BPL holder shall exercise the privileges of his or her licence in VFR conditions at night only if he or she holds a night rating in accordance with this point.
- (b) An applicant for a night rating shall have completed at least two instruction flights at night of at least one hour each.
- (c) The completion of the night rating training shall be entered in the logbook and signed by the FI(B) who is responsible for the training.

BFCL.215 Commercial operation rating

- (a) A BPL holder shall exercise the privileges of his or her licence during commercial operations with balloons only if he or she holds a commercial operation rating in accordance with this point.
- (b) An applicant for a commercial operation rating shall:
 - (1) have attained the age of 18 years;
 - (2) have completed 50 hours of flight time and 50 take-offs and landings as PIC on balloons;
 - (3) have the privileges for the class of balloon in which the privileges of the commercial operation rating will be exercised; and

- (4) have 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.
- (c) The privileges of the commercial operation rating shall be limited to the class of balloon in which the skill test in accordance with paragraph (b)(3) has been completed. The privileges shall be extended upon application to another class of balloon if, in that other class, the applicant complies with paragraph (b)(3) and (b)(4).
- (d) A pilot who holds a commercial operation rating shall exercise the privileges of that rating in commercial passenger ballooning only if he or 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; 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; 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; 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.
- (e) To maintain the privileges of the commercial operation rating for all balloon classes, a pilot who holds a commercial operation rating with privileges extended to more than one class of balloons shall comply with the requirements in paragraph (d)(2) in at least one class of balloons.
- (f) A pilot who complies with paragraph (d) and holds a commercial operation rating for the hot-air balloon class shall exercise the privileges of that rating in the hot-air balloon class only on balloons that represent:
- (i) the same group of the hot-air balloon in which the proficiency check as specified in paragraph (d)(2)(i) or the training flight as specified in paragraph (d)(2)(ii), have been completed; or
 - (ii) a hot-air balloon group with a smaller envelope size.
- (g) The completion of the flight under supervision as specified in paragraph (d)(1)(ii), the proficiency check as specified in paragraph (d)(2)(i) and the refresher training course as specified in paragraph (d)(2)(ii) shall be entered in the logbook of the pilot and shall be signed by the head of training of the ATO or the DTO, or the FI(B) or the FE(B) that is responsible for the training course, the supervision or the proficiency check, as applicable.
- (h) 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 paragraph (d)(2)(i).

*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING
[PART-BFCL] > Annex partADD ADDITIONAL RATINGS > para. 1*

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Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

BFCL.300 Flight instructor certificates

(a) General

An instructor shall only carry out flight instruction in a balloon if he or she:

(1) holds:

- (i) a BPL including the privileges, ratings and certificates for which flight instruction is to be provided; and
- (ii) a balloon flight instructor (FI(B)) certificate appropriate to the instruction carried out, and issued in accordance with this Subpart; and

(2) is entitled to act as PIC in the balloon during flight instruction.

(b) Instruction provided outside the [United Kingdom]¹

(1) By way of derogation from subparagraph (a)(1), in the case of flight instruction provided during a training course approved in accordance with this Annex (Part-BFCL) outside the [United Kingdom, the CAA]² shall issue a flight instructor certificate to an applicant who holds a balloon pilot licence that is compliant with Annex 1 to the Chicago Convention, provided that the applicant:

- (i) holds at least a licence including, where relevant, privileges, ratings or certificates equivalent to those for which he or she is authorised to instruct;
- (ii) complies with the requirements established in this Subpart for the issue of the FI(B) certificate with the relevant instructional privileges; and
- (iii) demonstrates to the [CAA]³ an adequate level of knowledge of [United Kingdom]⁴ aviation safety rules to be able to exercise his or her instructional privileges in accordance with this Annex.

(2) The certificate shall be limited to the provision of approved flight instruction:

- (i) outside the [United Kingdom]⁵; and
- (ii) to a student pilot who has sufficient knowledge of the language in which flight instruction is provided.

Notes

1 Words substituted in point BFCL.300(b) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(a)(i) (December 31, 2020: shall come into force on IP completion day)

Notes

- 2 Words substituted in point BFCL.300(b)(1) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(a)(ii) (December 31, 2020: shall come into force on IP completion day)
 - 3 Words substituted in point BFCL.300(b)(1)(iii) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(a)(iii)(aa) (December 31, 2020: shall come into force on IP completion day)
 - 4 Word substituted in point BFCL.300(b)(1)(iii) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(a)(iii)(bb) (December 31, 2020: shall come into force on IP completion day)
 - 5 Words substituted in point BFCL.300(b)(2)(i) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(a)(iv) (December 31, 2020: shall come into force on IP completion day)
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*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING [PART-BFCL]
> Annex partFI FLIGHT INSTRUCTORS > Annex subpart1 General requirements > para. 1*

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para. 1



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31 December 2020 - Present

Subjects

Aviation; Environment

BFCL.315 FI(B) certificate – Privileges and conditions

- (a) Subject to compliance of applicants with point BFCL.320 and with the following conditions, an FI(B) certificate shall be issued with privileges to conduct flight instruction for:
- (1) a BPL;
 - (2) the extension of privileges to further classes and groups of balloons provided that the applicant has completed at least 15 hours of flight time as PIC in each relevant class;
 - (3) a night rating or a tethered flight rating, provided that the applicant has received specific training in providing instruction for the relevant rating at an ATO or at a DTO; and
 - (4) an FI(B) certificate, provided that the applicant has:
 - (i) completed at least 50 hours of flight instruction on balloons; and
 - (ii) in accordance with the procedures established for that purpose by the [CAA]¹, conducted at least one hour of flight instruction for the FI(B) certificate under the supervision and to the satisfaction of an FI(B) who is qualified in accordance with this subparagraph and nominated by the head of training of the ATO or the DTO.
- (b) The privileges listed in paragraph (a) shall include the privileges to conduct flight instruction for:
- (1) the issue of the relevant licence, privileges, ratings or certificate; and
 - (2) the revalidation, renewal or compliance with the relevant recency requirements of this Annex, as applicable.

BFCL.320 FI(B) – Prerequisites and requirements

Applicants for an FI(B) certificate shall:

- (a) be at least 18 years of age;
- (b) comply with the requirements of subparagraphs (a)(1)(i) and (a)(2) of point BFCL.300;
- (c) have completed 75 hours of balloon flight time as PIC;
- (d) have completed an instructor training course in accordance with point BFCL.330 at an ATO or a DTO; and
- (e) have passed an assessment of competence in accordance with point BFCL.345.

BFCL.325 FI(B) competencies and assessment

Applicants for an FI(B) certificate shall be trained to achieve the following competencies:

- (a) prepare resources;
- (b) create a climate conducive to learning;
- (c) present knowledge;
- (d) integrate threat and error management (TEM) and crew resource management (CRM);
- (e) manage time to achieve training objectives;
- (f) facilitate learning;
- (g) assess trainee performance;
- (h) monitor and review progress;
- (i) evaluate training sessions; and
- (j) report outcome.

BFCL.330 FI(B) – Training course

- (a) Applicants for an FI(B) certificate shall first pass a specific pre-entry assessment at an ATO or a DTO within the 12 months preceding the start of the training course, to assess his or her ability to take the course.
- (b) The FI(B) training course shall include at least:
 - (1) the elements specified in point BFCL.325;
 - (2) 25 hours of teaching and learning;
 - (3) 12 hours of theoretical knowledge instruction, including progress tests; and
 - (4) three hours of flight instruction, including three take-offs and landings.
- (c) Applicants who already hold an instructor certificate in accordance with Annex III (Part-SFCL) to Implementing Regulation (EU) 2018/1976 or with Annex I (Part-FCL) to Regulation (EU) No 1178/2011 shall be fully credited towards the requirement in paragraph (b)(2).

BFCL.345 FI(B) – Assessment of competence

- (a) Applicants for the issue of an FI(B) certificate shall pass an assessment of competence on a balloon to demonstrate to an examiner qualified in accordance with point BFCL.415(c) the ability to instruct a student pilot to the level required for the issue of a BPL.
- (b) The assessment shall include:
 - (1) the demonstration of the competencies described in point BFCL.325 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 balloon class;
 - (3) exercises adequate to evaluate the instructor's competencies.

BFCL.360 FI(B) certificate – Recency requirements

- (a) An FI(B) certificate holder shall only exercise the privileges of his or her certificate if he or she has completed:
- (1) within the last three years before the planned exercise of those privileges:
 - (i) instructor refresher training at an ATO, a DTO, or [the CAA]² during which the holder shall receive theoretical knowledge instruction for refreshing and updating the knowledge relevant for balloon instructors;
 - (ii) at least 6 hours of flight instruction in balloons as FI(B); and
 - (2) within the last nine years and in accordance with the procedures established for that purpose by the [CAA]³, one instruction flight on a balloon as FI(B) under the supervision and to the satisfaction of an FI(B) who is qualified in accordance with point BFCL.315(a)(4) and nominated by the head of training of an ATO or a DTO.
- (b) The hours flown as an FE(B) during skill tests, proficiency checks or assessments of competence shall be fully credited towards the requirement in paragraph (a)(1)(ii).
- (c) If an FI(B) certificate holder has failed to complete the instruction flight under supervision to the satisfaction of the FI(B) in accordance with paragraph (a)(2), he or she shall not exercise the privileges of the FI(B) certificate until he or she has successfully completed an assessment of competence in accordance with point BFCL.345.
- (d) To resume the exercise of the privileges of the FI(B) certificate, an FI(B) certificate holder who does not comply with all the requirements of paragraph (a) shall comply with the requirement of paragraph (a)(1)(i) and of point BFCL.345.

Notes

- 1 Words substituted in point BFCL.315(a)(4)(ii) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(b) (December 31, 2020: shall come into force on IP completion day)
- 2 Words substituted in point BFCL.360(a)(1)(i) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(c)(i) (December 31, 2020: shall come into force on IP completion day)
- 3 Words substituted in point BFCL.360(a)(2) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(4)(c)(ii) (December 31, 2020: shall come into force on IP completion day)

*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING [PART-BFCL] > Annex partFI
FLIGHT INSTRUCTORS > Annex subpart2 Flight instructor certificate for balloons – FI(B) > para. 1*

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para. 1



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

BFCL.400 Balloon flight examiner certificates

(a) General

An examiner shall only carry out skill tests, proficiency checks or assessments of competence in accordance with this Annex if he or she:

(1) holds:

- (i) a BPL including privileges, ratings and certificates for which he or she is authorised to conduct skill tests, proficiency checks or assessments of competence, and the privileges to instruct for them;
- (ii) an FE(B) certificate including privileges appropriate to the skill test, proficiency check or assessment of competence conducted, issued in accordance with this Subpart;

(2) is entitled to act as PIC in a balloon during the skill test, proficiency check or assessment of competence.

(b) Examinations conducted outside the [United Kingdom]¹

(1) By way of derogation from paragraph (a)(1), in the case of skill tests and proficiency checks performed outside the [United Kingdom, the CAA]² shall issue an examiner certificate to an applicant who holds a balloon pilot licence that is compliant with Annex 1 to the Chicago Convention, provided that the applicant:

- (i) holds at least a licence including, where relevant, privileges, ratings, or certificates equivalent to those for which he or she is authorised to conduct skill tests or proficiency checks;
- (ii) complies with the requirements established in this Subpart for the issue of the relevant examiner certificate;
- (iii) demonstrates to the [CAA]³ an adequate level of knowledge of [United Kingdom]⁴ aviation safety rules to be able to exercise examiner privileges in accordance with this Annex.

(2) The certificate referred to in subparagraph (1) shall be limited to performing skill tests and proficiency checks:

- (i) outside the [United Kingdom]⁵; and
- (ii) to a pilot who has sufficient knowledge of the language in which the test/check is provided.

BFCL.405 Limitation of privileges in case of vested interests

A balloon examiner shall not conduct:

- (a) a skill test or assessment of competence of an applicant for the issue of a licence, rating or certificate to whom he or she has provided more than 50 % of the required flight instruction for the licence, rating or certificate for which the skill test or assessment of competence is taken; or

(b) a skill test, proficiency check or assessment of competence whenever he or she feels that his or her objectivity may be affected.

BFCL.410 Conduct of skill tests, proficiency checks and assessments of competence

(a) When conducting skill tests, proficiency checks and assessments of competence, a balloon examiner shall do all of the following:

- (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 of this Annex for the issue, revalidation or renewal of the licence, privileges, rating or certificate for which the skill test, proficiency check or assessment of competence is taken; and
- (3) make the applicant aware of the consequences of providing incomplete, inaccurate or false information related to his or her training and flight experience.

(b) After completion of the skill test, proficiency check or assessment of competence, the balloon examiner shall:

- (1) inform the applicant of the results of the skill test, proficiency check or assessment of competence;
- (2) in the event of a pass in an assessment of competence for the revalidation or renewal, endorse the new expiry date on the applicant's licence or certificate, if specifically authorised for that purpose by the [CAA]⁶ ;
- (3) provide the applicant with a signed report of the skill test, proficiency check or assessment of competence and submit without undue delay copies of the report to the [CAA]⁷ . The report shall include:
 - (i) a declaration that the balloon examiner has received information from the applicant regarding his or her experience and instruction, and found that experience and instruction comply with the applicable requirements of this Annex;
 - (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 results of the skill test, proficiency check or assessment of competence [.]⁸

[...]⁸

(c) The balloon examiner shall maintain the records for five years with details of all skill tests, proficiency checks and assessments of competence performed and their results.

(d) Upon request by the [CAA]⁹ , the balloon examiner shall submit all records and reports, and any other information, as required, for oversight activities.

Notes

- 1 Words substituted in point BFCL.400(b) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(a)(i) (December 31, 2020: shall come into force on IP completion day)
- 2 Words substituted in point BFCL.400(b)(1) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(a)(ii)(aa) (December 31, 2020: shall come into force on IP completion day)
- 3 Words substituted in point BFCL.400(b)(1)(iii) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(a)(ii)(bb) (December 31, 2020: shall come into force on IP completion day)

Notes

- 4 Word substituted in point BFCL.400(b)(1)(iii) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(a)(ii)(cc) (December 31, 2020: shall come into force on IP completion day)
- 5 Words substituted in point BFCL.400(b)(2)(i) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(a)(iii) (December 31, 2020: shall come into force on IP completion day)
- 6 Words substituted in point BFCL.410(b)(2) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(b)(i) (December 31, 2020: shall come into force on IP completion day)
- 7 Words substituted in point BFCL.410(b)(3) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(b)(ii)(aa) (December 31, 2020: shall come into force on IP completion day)
- 8 Points BFCL.410(b)(3)(iv) and (v) are repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(b)(ii)(bb) (December 31, 2020: shall come into force on IP completion day)
- 9 Words substituted in point BFCL.410(d) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(c) (December 31, 2020: shall come into force on IP completion day)
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*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING [PART-BFCL]
> Annex partFE FLIGHT EXAMINERS > Annex subpart1 General requirements > para. 1*

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para. 1



Law In Force

Version 2 of 2

31 December 2020 - Present

Subjects

Aviation; Environment

BFCL.415 FE(B) certificate – Privileges and conditions

Subject to compliance of the applicant with point BFCL.420 and with the following conditions, an FE(B) certificate shall be issued upon application with privileges to conduct:

- (a) skill tests and proficiency checks for the BPL and skill tests for the extension of the privileges to another balloon class, provided that the applicant has completed 250 hours of flight time as pilot on balloons, including 50 hours of flight instruction covering the full syllabus of a BPL training course;
- (b) skill tests and proficiency checks for the commercial operation rating as specified in point BFCL.215, provided that the applicant complies with the experience requirements set out in paragraph (a) and has received specific training during an examiner standardisation course in accordance with point BFCL.430;
- (c) assessments of competence for the issue of an FI(B) certificate, provided that the applicant has:
 - (1) completed 350 hours of flight time as pilot on balloons, including 5 hours of instruction to an applicant for the FI(B) certificate;
 - (2) received specific training during an examiner standardisation course in accordance with point BFCL.430.

BFCL.420 FE(B) certificate – Prerequisites and requirements

Applicants for an FE(B) certificate shall:

- (a) comply with the requirements of subparagraphs (a)(1)(i) and (2) of point BFCL.400;
- (b) have completed the FE(B) standardisation course in accordance with point BFCL.430;
- (c) have completed an assessment of competence in accordance with point BFCL.445;
- (d) demonstrate relevant background related to the privileges of the FE(B) certificate; and
- (e) demonstrate that he or she has not been subject to any sanctions, including the suspension, limitation or revocation of any of his or her licences, ratings or certificates issued in accordance with this Annex, with Annex I (Part-FCL) to Regulation (EU) No 1178/2011, or with Annex III (Part-SFCL) to Implementing Regulation (EU) 2018/1976, for non-compliance with Regulation (EU) 2018/1139 and its delegated and implementing acts during the last three years.

BFCL.430 FE(B) certificate – Standardisation course

- (a) Applicants for an FE(B) certificate shall take a standardisation course which is provided either by [the CAA]¹ or by an ATO or a DTO and approved by [the CAA]².
- (b) The standardisation course shall be tailored to the balloon flight examiner privileges sought and shall consist of theoretical and practical instruction, including, at least:

- (1) the conduct of at least one skill test, proficiency check or assessment of competence for the BPL or associated ratings or certificates;
- (2) instruction on the applicable requirements of this Annex 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 following:
 - (i) national administrative procedures;
 - (ii) requirements for the protection of personal data;
 - (iii) examiner's liability;
 - (iv) examiner's accident insurance;[and]³
 - (v) national fees [.]⁴

[...]⁵

[...]⁶

BFCL.445 FE(B) certificate – Assessment of competence

An applicant for the initial issue of an FE(B) certificate shall demonstrate his or her competences as an FE(B) to an inspector from the [CAA]⁷ or to a senior examiner specifically authorised to do so by the [CAA]⁸. During the assessment of competence, the applicant shall conduct a skill test, proficiency check or assessment of competence, 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.

BFCL.460 FE(B) certificate – Validity, revalidation and renewal

- (a) An FE(B) certificate shall be valid for five years.
- (b) An FE(B) certificate shall be revalidated if its holder has:
 - (1) during the validity period of the FE(B) certificate, completed an examiner refresher course which is provided either by the [CAA]⁹ or by an ATO or a DTO and approved by [the CAA]¹⁰, during which the holder shall receive theoretical knowledge instruction for refreshing and updating the knowledge relevant for balloon examiners; and
 - (2) within the last 24 months preceding the end of the validity period of the certificate, conducted one skill test, proficiency check or assessment of competence under the supervision and to the satisfaction of an inspector from the [CAA]¹¹ or an examiner specifically authorised to do so by the [CAA]¹².
- (c) An FE(B) certificate holder who also holds one or more examiner certificates for other aircraft categories in accordance with Annex I (Part-FCL) to Regulation (EU) No 1178/2011 or with Annex III (Part-SFCL) to Implementing Regulation (EU) 2018/1976 may achieve combined revalidation of all examiner certificates held, in agreement with the [CAA]¹³.
- (d) If an FE(B) certificate has expired, its holder shall comply with the requirements of paragraph (b)(1) and of point BFCL.445 before he or she can resume the exercise of the privileges of the FE(B) certificate.
- (e) An FE(B) certificate shall only be revalidated or renewed if the applicant demonstrates continued compliance with the requirements of point BFCL.410 as well as with the requirements of point BFCL.420(d) and (e).

Notes

- 1 Words substituted in point BFCL.430(a) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(i)(aa) (December 31, 2020: shall come into force on IP completion day)
- 2 Words substituted in point BFCL.430(a) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(i)(bb) (December 31, 2020: shall come into force on IP completion day)
- 3 Word inserted in point BFCL.430(b)(3)(iv) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(ii)(aa) (December 31, 2020: shall come into force on IP completion day)
- 4 Word repealed in point BFCL.430(b)(3)(v) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(ii)(bb) (December 31, 2020: shall come into force on IP completion day)
- 5 Point BFCL.430(b)(3)(vi) is repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(ii)(cc) (December 31, 2020: shall come into force on IP completion day)
- 6 Point BFCL.430(c) is repealed by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(d)(iii) (December 31, 2020: shall come into force on IP completion day)
- 7 Words substituted in point BFCL.445 by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(e)(i) (December 31, 2020: shall come into force on IP completion day)
- 8 Words substituted in point BFCL.445 by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(e)(ii) (December 31, 2020: shall come into force on IP completion day)
- 9 Words substituted in point BFCL.460(b)(1) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(f)(i)(aa) (December 31, 2020: shall come into force on IP completion day)
- 10 Words substituted in point BFCL.460(b)(1) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(f)(i)(bb) (December 31, 2020: shall come into force on IP completion day)
- 11 Words substituted in point BFCL.460(b)(2) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(f)(ii)(aa) (December 31, 2020: shall come into force on IP completion day)
- 12 Words substituted in point BFCL.460(b)(2) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(f)(ii)(bb) (December 31, 2020: shall come into force on IP completion day)
- 13 Words substituted in point BFCL.460(c) by Aviation Safety (Amendment) (EU Exit) Regulations 2020/1116 Pt 4(5) reg.84(5)(g) (December 31, 2020: shall come into force on IP completion day)

*Annex III REQUIREMENTS FOR BALLOON FLIGHT CREW LICENSING [PART-BFCL] > Annex partFE
FLIGHT EXAMINERS > Annex subpart2 Flight examiner certificate for balloons – FE(B) > para. 1*

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