Consultation - Amendments to CAOs 40.7 and 82.7 to align with regulation 5.01 of CAR 1988 (CD 1901OS)

Overview

Currently, elements of CAO 40.7 *Aircraft Endorsements (balloons) and flight instructor (balloons) ratings* and CAO 82.7 *Air Operators' Certificates authorising aerial work operations and charter operations in balloons,* are not consistent with the definition of hot air balloon size classes in regulation 5.01 of the *Civil Aviation Regulations 1988 (CAR)*. This has caused some confusion within the balloon industry in relation to:

- the privileges of a current Class 1 endorsed CP(B)L holder
- the aeronautical experience and training requirements for a pilot wishing to obtain a class 2 endorsement
- the privileges of a current Class 2 endorsed CP(B)L holder
- the aeronautical experience requirements for a Chief Pilot.

CASA is proposing to correct the discrepancies by amending the experience and training requirements for the size classes in CAO 40.7 and the experience requirements for a Chief Pilot in CAO 82.7.

The proposed amendments will:

- ensure relevant requirements are clearly articulated and consistent between the regulations and CAOs
- provide a simple and flexible method for assessing a pilot's competency to fly larger balloon types during AOC operations
- allow authorised pilots to fly as pilot-in-command under supervision (PICUS) in AOC operations
- include practical proficiency checks and documentation requirements
- clearly outline Chief Pilot experience requirements for AOC holders.

Previous consultations

In 2012, CASA sought comment on proposed amendments to CAOs 40.7 and 95.53 *Exemption from the provisions of the Civil Aviation Regulations 1988 – manned balloons and hot air airships – aerial work and charter operations*. In 2014 comment was again sought on the proposed amendments to CAO 40.7 and CASA exemption EX35/14 Exemption manned balloons.

Responses to the proposed exemptions indicated a significant lack of support for any regulatory intervention. In response to the feedback CASA decided not to take any immediate action.

Amendments to CAO 82.7 have not been previously proposed.

Why we are consulting

CASA recognises the valuable contribution community and industry consultations make to the regulatory development process. Please take this opportunity to give your views on these proposed amendments.

On this page under the heading, "Related Documents" you will find the Summary of proposed change on CD 1901OS and the draft CAOs containing the proposed amendments. You will also find a downloadable Word copy and PDF of this consultation for ease of distribution and feedback within your organisation.

Documents for review:

- Summary of proposed change on CD 1901OS
- Consultation Draft Civil Aviation Order 40.7 Amendment Instrument 2019 (No. 1)
- Consultation Draft Civil Aviation Order 82.7 Amendment Instrument 2019 (No. 1)

Please read the Summary of proposed change on Amendments to CAOs 40.7 and 82.7 before providing your feedback via the online survey.

Closing date for comment

CASA will consider all comments received on the proposed amendments. Comments on the draft *Amendments to CAOs 40.7 and 82.7 to align with CAR Part 5 and 5.01 of CAR - CD 1901OS*, should be submitted through the online response form by close of business **15** March 2019.

What happens next

Once the consultation has closed, we will register and review each submission received through the online response form. We will make all submissions publicly available on the Consultation Hub, unless you request that your submission remain confidential. We will also publish a summary of consultation which summarises the feedback received.

Information about how we consult and how to make a confidential submission is available on the **CASA website** < *https://www.casa.gov.au/rules-and-regulations/landing-page/consultation-process* > .

To be notified of any future consultations, you can subscribe to our **consultation and rulemaking mailing list** *<https://mailinglist.casa.gov.au/?p=subscribe&id=3>*.

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About this consultation

This consultation is seeking feedback on the proposed amendments to CAOs 40.7 and 82.7.

We will ask you for:

- **personal information**, such as your name, any organisation you represent, and your email address
- your consent to publish your submission
- your responses to the proposed changes in the regulations
- any comments you may want to provide
- demographic information to help us understand your interest in the regulations

The proposed amendments to CAOs 40.7 and 82.7 include:

- prescribing minimum hours of line training for pilots flying as pilot in command under supervision (PICUS) under regulation 5.40 of CAR to be logged after initial qualification for Class 1 or Class 2 balloons
- introducing a restricted (R) and unrestricted (U) endorsement applicable to Class 1 and Class 2 endorsements
- prescribing the maximum number of passengers that may be carried in a Class 1 balloon by a newly qualified CP(B)L until the required line training has been undertaken
- prescribing the minimum aeronautical experience required for a pilot requesting an endorsement to fly a Class 2 balloon
- prescribing the maximum envelope size a newly qualified Class 2 balloon pilot can fly until the required line training has been undertaken
- encouraging competency-based training
- placing appropriate levels of responsibility on instructors and chief pilots for the competency of pilots
- prescribing the minimum aeronautical experience required for a Chief Pilot of an AOC holder
- clarifying the requirements for a gas balloon (Class 3) endorsement
- reducing the tethered flight time requirement for flight instructor (balloon) rating from 10 hours to five hours.

Please provide your feedback regarding these proposed amendments, by answering all the questions related to specific amendment topics, or by providing feedback in the general comments box at the end of the consultation, or both.

When you have completed your feedback please select the **Finish** button at the bottom of the contents page. This will take you to the page where you will be asked to submit your response.

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Page 1: Personal information

First name

(Required)

Last name

(Required)

Email address

If you enter your email address, then you will automatically receive an

acknowledgement email when you submit your response.

Email

Do your views officially represent those of an organisation?

(Required)

Please select only one item

 \Box Yes

🗆 No

If yes, please specify the name of your organisation.

Demographic information

Please select any of the following descriptors that apply to you

(You can select more than one)

- □ Balloon owner/operator
- □ Balloon AOC holder
- \Box Balloon pilot
- $\hfill\square$ CASA officer
- \Box Other

Please specify if you have selected Other

Page 2: Consent to publish submission

In order to promote debate and transparency, we intend to publish all responses to this consultation. This may include both detailed responses/submissions in full and aggregated data drawn from the responses received.

Where you consent to publication, we will include:

- your name, if the submission is made by you as an individual or the name of the organisation on whose behalf the submission has been made
- your responses and comments.

We **will not** include any other personal or demographic information in a published response.

Information about how we consult and how to make a confidential submission is available on the **CASA website** <https://www.casa.gov.au/rules-and-regulations/landing-page/consultation-process>.

Do you give permission for your response to be published?

(Required)

Please select only one item

- □ Yes I give permission for my response/submission to be published.
- No I would like my response/submission to remain confidential but understand that de-identified aggregate data may be published.
- \Box I am a CASA officer.

Page 3: Amendments to CAO 40.7

Q1 - Class 1 balloon endorsement – Restricted Class 1 endorsement- Class 1 (R)

Do you agree with a proposed restricted (R) endorsement for an initial Class 1 commercial pilot (balloon) licence CP(B)L?

Fact Bank: Paragraph 4.3

4.3	For regulation 11.068 of CASR, an initial Class 1 balloon endorsement is subject to
	the condition that it is a restricted Class 1 balloon endorsement (a Class 1 (R)
	endorsement) until the restriction mentioned in paragraph 4.4 is removed in
	accordance with paragraph 4.5.

Please select one

□ Agree

- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)

 \Box No opinion

Comments

Q2 - Restricted Class 1 endorsement - Class 1 (R) - Restriction defined

Do you agree that the holder of a Class 1 (R) endorsement should be limited to carrying no more than six passengers?

Fact bank: Paragraph 4.4

4.4 For paragraph 4.3, the restriction is that holder of the Class 1 (R) endorsement (the endorsement holder) must not, as pilot in command, operate a Class 1 balloon carrying more than 7 people (including the holder) in a balloon AOC operation.

Please select one

□ Agree

- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Q3 - Restricted Class 1 endorsement - Class 1 (R) - Removal of restriction

Do you agree that a minimum five hours of PICUS in AOC operations and a proficiency check are appropriate for assessing a pilot's competency for a Class 1 (U) unrestricted endorsement?

Fact bank: Paragraph 4.5 Subparagraphs 4.5 (a) - (f)

 (a) the endorsement holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the <i>balloon type</i>); (b) the endorsement holder must have completed at least 5 hours as pilot in command under supervision (<i>PICUS</i>) in the balloon type, specifically in AOC operations carrying 7 or more people, with 1 of the following as pilot in command (<i>PIC</i>): (i) the chief pilot of the balloon AOC holder; (ii) the holder of a flight instructor (balloon) rating; (iii) the holder of a flight instructor (balloon) rating; (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly 7 or more passengers in the AOC holder's authorised operations in the balloon type; (c) the PIC mentioned in sub-subparagraph (b) (j), (b) (ii) or (b) (iii) must: (i) hold an unrestricted class 1 balloon endorsement; and (ii) have at least 25 hours experience flying a balloon whose envelope volume is equal to or greater than that of the balloon type; (d) the endorsement holder must have completed a proficiency check as PICUS in the balloon type in AOC operations with an ABTO or with 1 of the PICs mentioned in sub-subparagraph (b) (j) or (b) (ii) who holds at least an unrestricted class 1 balloon endorsement; <i>Note CASA</i> recommends that the person who conducts the proficiency check under subparagraph 4.5 (b) is not a person who such ePIC for any of the training under subparagraph 4.5 (b) is not a person who such the proficiency check on the person. This may include an ABTO if he or she is also a person mentioned in one of those aub-subparagraphs. (e) the proficiency check mentioned in paragraph (d) must involve: (i) balloon flight time of at least 1 hour; and (ii) at least 1 balloon and 1 balloon deflation; (f) at the end of the proficiency check, the person who was the PIC for subparagraphs. 	4.5 For paragraph 4.3, the restriction mentioned in paragraph 4.4 is removed from the holder's Class 1 (R) endorsement only if the following requirements are complied with:
 command under supervision (<i>PICUS</i>) in the balloon type, specifically in AOC operations carrying 7 or more people, with 1 of the following as pilot in command (<i>PIC</i>): the chief pilot of the balloon AOC holder; the holder of a flight instructor (balloon) rating; a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly 7 or more passengers in the AOC holder's authorised operations in the balloon type; the PIC mentioned in sub-subparagraph (b) (j), (b) (ii) or (b) (iii) must: hold an unrestricted class 1 balloon endorsement; and hold an unrestricted class 1 balloon endorsement; and hold an urrestricted class 1 balloon type; the endorsement holder must have completed a proficiency check as PICUS in the balloon type in AOC operations with an ABTO or with 1 of the PICs mentioned in sub-subparagraph (b) (j) or (b) (ii) who holds at least an unrestricted class 1 balloon endorsement; <i>Note</i> CASA recommends that the person who conducts the proficiency check under subparagraph 4.5 (b). However, it is recognised that, for smaller ballooning raganisations, this may not always be practicable. A PIC who supervises a person as a PICUS under sub-subparagraph 4.5 (b) (i) or (ii) may, therefore, also conduct the proficiency check on the person. This may include an ABTO if he or she is also a person mentioned in one of those sub-subparagraphs. (e) the proficiency check mentioned in paragraph (d) must involve: balloon flight time of at least 1 hour; and at least 1 balloon inflation and 1 balloon deflation; (f) at the end of the proficiency check, the person who was the PIC for subparagraph (d) (the <i>certifier</i>) must: (i) determine if the endorsement holder is competent to fly 7 or more passengers in an AOC operation; and (ii) if the endorsement holder is competent to fly 7 or more passengers in an AOC operation; and	
 (ii) the holder of a flight instructor (balloon) rating; (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly 7 or more passengers in the AOC holder's authorised operations in the balloon type; (c) the PIC mentioned in sub-subparagraph (b) (i), (b) (ii) or (b) (iii) must: (i) hold an unrestricted class 1 balloon endorsement; and (ii) have at least 25 hours experience flying a balloon whose envelope volume is equal to or greater than that of the balloon type; (d) the endorsement holder must have completed a proficiency check as PICUS in the balloon type in AOC operations with an ABTO or with 1 of the PICs mentioned in sub-subparagraph (b) (i) or (b) (ii) who holds at least an unrestricted class 1 balloon endorsement; <i>Note</i> CASA recommends that the person who conducts the proficiency check under subparagraph 4.5 (d) is not a person who was the PIC for any of the training under subparagraph 4.5 (b). However, it is recognised that, for smaller ballooning organisations, this may not always be practicable. A PIC who supervises a person as a PICUS under subsubparagraph 4.5 (b) (i) or (ii) may, therefore, also a person mentioned in one of those subsubparagraphs. (e) the proficiency check mentioned in paragraph (d) must involve: (i) balloon flight time of at least 1 hour; and (ii) at least 1 balloon inflation and 1 balloon deflation; (f) at the end of the proficiency check, the person who was the PIC for subparagraph (d) (the <i>certifier</i>) must: (i) determine if the endorsement holder is competent to fly 7 or more passengers in an AOC operation; and 	command under supervision (<i>PICUS</i>) in the balloon type, specifically in AOC operations carrying 7 or more people, with 1 of the following as pilot in
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	(ii) if the endorsement holder is competent, through an entry in the endorsement
Note The endorsement only takes effect when the label from Form 214 has been affixed to the	
pilot's log book under subsection 4.9.	<i>Note</i> The endorsement only takes effect when the label from Form 214 has been affixed to the pilot's log book under subsection 4.9.

Please select one

□ Agree

- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Q4 – Class 2 balloon endorsement

Do you agree that a minimum of 175 hours as PIC and 80 hours of charter are appropriate requirements for a pilot to be eligible for a Class2 (R) endorsement?

Fact bank: Paragraph 5.2 Subparagraphs 5.2 (a) - (e)

5.2 The person seeking the endorsement must: (a) hold an unrestricted Class 1 balloon endorsement in accordance with subsection 4; and (b) have at least 175 hours as PIC of any Class 1 balloon; and (c) have at least 80 hours as PIC on balloon charter flights; (d) pass a proficiency check, in a Class 2 balloon of the type for which the person is seeking a Class 2 balloon endorsement, (the proficiency check) conducted by 1 of the following who holds an unrestricted Class 2 balloon endorsement: (i) an approved balloon testing officer (an ABTO); (ii) the holder of a flight instructor (balloon) rating (the flight instructor (balloon)); (iii) a person authorised. Note Flight time as PICUS does not constitute flight time as PIC. (e) have a logbook that may be endorsed for a Class 2 balloon by 1 of the following using CASA Form 214: (i) an ABTO or a person authorised, who conducted the proficiency check; or (ii) another ABTO or person authorised, provided that he or she has received the following from the flight instructor (balloon) who conducted the proficiency check: (A) a written recommendation to make the endorsement; (B) a proficiency check flight report; (C) the person's logbook. Note The top copy of CASA Form 214 must be sent to CASA for its records. Please select one

□ Agree

□ Agree with changes (please specify suggested changes below)

□ Disagree (please detail your reasoning and alternative suggestions below)

 \Box No opinion

Comments

Q5 - Restricted Class 2 endorsement - Class 2 (R) – restriction defined

Do you agree that the holder of a Class 2 (R) endorsement should be restricted to flying a balloon with a maximum envelope volume of 400 000 cu ft?

Fact bank: Paragraph 5.4

5.4 For paragraph 5.3, the restriction is that the holder of the Class 2 (R) endorsement (the *endorsement holder*) must not fly a Class 2 balloon with an envelope volume that is more than 400 000 cubic feet in an AOC operation.

Please select one

- \Box Agree
- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Comments

Q6 – Restricted Class 2 endorsement — Class 2 (R) – Removal of restrictions

Do you agree that a minimum five hours of PICUS in AOC operations and a proficiency check are appropriate for assessing a pilot's competency for a Class 2 (U) unrestricted endorsement?

Fact bank: Paragraph 5.5 Subparagraphs 5.5 (a) - (f)

	Removal of restriction					
5.5	For paragraph 5.3, the restriction mentioned in paragraph 5.4 is removed from the holder's Class 2 (R) endorsement only if the following requirements are complied with:					
	 (a) the holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the <i>balloon type</i>); 					
	(b) the holder must have completed at least 5 hours as pilot in command under supervision (<i>PICUS</i>) in the balloon type in AOC operations with 1 of the following as pilot in command (<i>PIC</i>):					
	 (i) the chief pilot of the AOC holder for the charter operation (the AOC holder); 					
	(ii) the holder of a flight instructor (balloon) rating;					
	 (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly the balloon type with an envelope volume that is more than 400 000 cubic feet in the AOC holder's authorised operations; 					
	(c) the PIC mentioned in sub-subparagraph (b) (i), (b) (ii) or (b) (iii) must:					
	(i) hold an unrestricted class 2 balloon endorsement; and					
	 (ii) have at least 25 hours experience flying a balloon whose envelope volume is equal to or greater than that of the balloon type; 					
	 (d) the endorsement holder must have completed a proficiency check as PICUS in the balloon type in AOC operations with 1 of the PICs mentioned in sub- subparagraph (b) (i) or (b) (ii); 					
	(e) the proficiency check mentioned in paragraph (d) must involve:					
	(i) balloon flight time of at least 1 hour; and					
	(ii) at least 1 balloon inflation and 1 balloon deflation;					
	 (f) at the end of the proficiency check, the person who was the PIC for subparagraph (d) (the <i>certifier</i>) must: 					
(determine if the endorsement holder is competent to fly the balloon type with an envelope volume that is more than 400 000 cubic feet in an AOC operation; and 					
	 (ii) if the endorsement holder is competent, through an entry in the endorsement holder's logbook, so certify the logbook holder. 					
	Note The endorsement only takes effect when the label from Form 214 has been affixed to the pilot's log book under subsection 5.9.					

Please select one

□ Agree

□ Agree with changes (please specify suggested changes below)

- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Comments

Q7 - Appropriate persons to conduct line training and proficiency checks

Do you agree that ABTOs, balloon flight instructors, chief pilots and approved line pilots are all appropriate persons to conduct line training and proficiency checks (except line pilots) for pilots acting in command under supervision?

Fact bank: Sub-subparagraphs 4.5 (b) (i) - (iii)

4.5		paragraph 4.3, the restriction mentioned in paragraph 4.4 is removed from the der's Class 1 (R) endorsement only if the following requirements are complied h:
	(a)	the endorsement holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the <i>balloon type</i>);
	(b)	the endorsement holder must have completed at least 5 hours as pilot in command under supervision (<i>PICUS</i>) in the balloon type, specifically in AOC operations carrying 7 or more people, with 1 of the following as pilot in command (<i>PIC</i>):
		(i) the chief pilot of the balloon AOC holder;
		(ii) the holder of a flight instructor (balloon) rating;
		 (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly 7 or more passengers in the AOC holder's authorised operations in the balloon type;

Fact bank: Subparagraphs 5.5 (b) - (f)

	Removal of restriction
5.5	For paragraph 5.3, the restriction mentioned in paragraph 5.4 is removed from the holder's Class 2 (R) endorsement only if the following requirements are complied with:
	 (a) the holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the <i>balloon type</i>);
	(b) the holder must have completed at least 5 hours as pilot in command under supervision (<i>PICUS</i>) in the balloon type in AOC operations with 1 of the following as pilot in command (<i>PIC</i>):
	 the chief pilot of the AOC holder for the charter operation (the AOC holder);
	(ii) the holder of a flight instructor (balloon) rating;
	(iii) a balloon line pilot of the AOC holder, approved in writing by the chief
	pilot as competent to fly the balloon type with an envelope volume that is
	more than 400 000 cubic feet in the AOC holder's authorised operations;
	(c) the PIC mentioned in sub-subparagraph (b) (i), (b) (ii) or (b) (iii) must:
	(i) hold an unrestricted class 2 balloon endorsement; and
	(ii) have at least 25 hours experience flying a balloon whose envelope volume
	is equal to or greater than that of the balloon type;
	(d) the endorsement holder must have completed a proficiency check as PICUS in the balloon type in AOC operations with 1 of the PICs mentioned in sub- subparagraph (b) (i) or (b) (ii);
	(e) the proficiency check mentioned in paragraph (d) must involve:
	(i) balloon flight time of at least 1 hour; and
	(ii) at least 1 balloon inflation and 1 balloon deflation;
	(f) at the end of the proficiency check, the person who was the PIC for subparagraph (d) (the <i>certifier</i>) must;
	(i) determine if the endorsement holder is competent to fly the balloon type with an envelope volume that is more than 400 000 cubic feet in an AOC
	operation; and
	 (ii) if the endorsement holder is competent, through an entry in the endorsement holder's logbook, so certify the logbook holder.
	Note The endorsement only takes effect when the label from Form 214 has been affixed to the pilot's log book under subsection 5.9.

Please select one

□ Agree

□ Agree with changes (please specify suggested changes below)

□ Disagree (please detail your reasoning and alternative suggestions below)

 \Box No opinion

Comments

Q8 – Required hours for pilots conducting line training

Do you agree that pilots conducting line training should have at least 25 hours as PIC on the balloon type?

Fact bank: Sub-subparagraph 4.5 (c) (ii)

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- 4.5 For paragraph 4.3, the restriction mentioned in paragraph 4.4 is removed from the holder's Class 1 (R) endorsement only if the following requirements are complied with:
 - (a) the endorsement holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the *balloon type*);
 - (b) the endorsement holder must have completed at least 5 hours as pilot in command under supervision (*PICUS*) in the balloon type, specifically in AOC operations carrying 7 or more people, with 1 of the following as pilot in command (*PIC*):
 - (i) the chief pilot of the balloon AOC holder;
 - (ii) the holder of a flight instructor (balloon) rating;
 - (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly 7 or more passengers in the AOC holder's authorised operations in the balloon type;
 - (c) the PIC mentioned in sub-subparagraph (b) (i), (b) (ii) or (b) (iii) must:
 - (i) hold an unrestricted class 1 balloon endorsement; and
 - have at least 25 hours experience flying a balloon whose envelope volume is equal to or greater than that of the balloon type;

Fact bank: Sub-subparagraph 5.5 (c) (ii)

Removal of restriction

5.5 For paragraph 5.3, the restriction mentioned in paragraph 5.4 is removed from the holder's Class 2 (R) endorsement only if the following requirements are complied with:

- (a) the holder must be authorised, in accordance with regulation 5.141, to fly the balloon type that he or she proposes to fly (the *balloon type*);
- (b) the holder must have completed at least 5 hours as pilot in command under supervision (*PICUS*) in the balloon type in AOC operations with 1 of the following as pilot in command (*PIC*):
 (i) the chief pilot of the AOC holder for the charter operation (the AOC)
 - (i) the chief pilot of the AOC holder for the charter operation (the AOC holder);
 - (ii) the holder of a flight instructor (balloon) rating;
 - (iii) a balloon line pilot of the AOC holder, approved in writing by the chief pilot as competent to fly the balloon type with an envelope volume that is more than 400 000 cubic feet in the AOC holder's authorised operations;
- (c) the PIC mentioned in sub-subparagraph (b) (i), (b) (ii) or (b) (iii) must:
 (i) hold an unrestricted class 2 balloon endorsement; and
 - have at least 25 hours experience flying a balloon whose envelope volume is equal to or greater than that of the balloon type;

Please select one

□ Agree

- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Comments

Q9 - Required hours of tether experience for a balloon flight instructor

Do you agree that the hours of tether experience for a balloon flight instructor should be reduced from ten hours to five hours?

Fact bank: Sub-subparagraph 16.2 (a) (ii)

6 6.1	Class 3 gas balloon endorsement For subregulation 5.23 (1), CASA directs that the requirements in this subsection must be met for the issue of a Class 3 gas balloon endorsement.
6.2	CASA may issue a Class 3 gas balloon endorsement only after assessing that the applicant's detailed safety case, which must be submitted with the applicant's application, is satisfactory for aviation safety. Note Gas balloons are generally small and carry no more than 2 persons. They are not currently in use for charter operations in Australia and training is not available. In the event that there is a requirement for gas balloon endorsements in the future, it is likely that CAO 40.7 would be amended to specifically address that contingency.
[3]	Sub-subparagraph 16.2 (a) (ii)
	omit
	10 hours
	insert A
	5 hours

Please select one

- □ Agree
- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Comments

Q10 - Class 3 endorsement for gas balloons

Do you agree that a Class 3 endorsement for gas balloons will only be considered on application to CASA?

Fact bank: Section 6

6	Class 3 gas balloon endorsement
6.1	For subregulation 5.23 (1), CASA directs that the requirements in this subsection must be met for the issue of a Class 3 gas balloon endorsement.
6.2	CASA may issue a Class 3 gas balloon endorsement only after assessing that the applicant's detailed safety case, which must be submitted with the applicant's application, is satisfactory for aviation safety.
	Note Gas balloons are generally small and carry no more than 2 persons. They are not currently in use for charter operations in Australia and training is not available. In the event that there is a requirement for gas balloon endorsements in the future, it is likely that CAO 40.7 would be amended to specifically address that contingency.

Please select one

□ Agree

- □ Agree with changes (please specify suggested changes below)
- □ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Page 5: Amendments to CAO 82.7

Q1 - Experience requirements for a chief pilot

Do you agree that the experience requirements for a chief pilot in Table 5.2 are appropriate?

Fact bank: Table 5.2

Table 5.2 Chief Pilot Requirement	Table 5.2	Chief Pilot Requirements
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Type of balloon	Number of balloons operated at the same time	Minimum total flight time requirements	Required experience in balloon transport	Other requirements

C11	4	250.1	A minin A	The Office Diff
Class 1	1	250 hours as	A minimum of	The Chief Pilot:
balloon		pilot in command	24 months	(a) must hold the
used for		(<i>PIC</i>) of a	experience as	balloon class
balloon		balloon	a balloon pilot	endorsement for
AOC				the balloon type
operations				used by the
				AOC holder;
				and
				(b) may be
				employed by
				the AOC holder
				on a part time
				basis; and
				(c) must not be the
				Chief Pilot for
				another AOC
			,	holder.
Class 1	2 or 3	250 hours as	A minimum of	The Chief Pilot:
balloon		PIC, including	12 months	(a) must hold the
used for		100 hours as PIC	experience as	· · /
balloon		in balloon AOC	a balloon pilot	balloon class
AOC		operations	for a balloon	endorsements
operations		-	AOC holder	for all of the
-				balloon types
		× 1		used in the
			J.7	AOC holder's
			×	fleet; and
				(b) must be
				employed by
				the AOC holder
		AY		on a full-time
	A			basis; and
	<u> </u>			(c) must not be the
				Chief Pilot for
				another AOC
				holder.
Class 1	4 or more	350 hours as	A minimum of	The Chief Pilot:
balloons		PIC, including	24 months'	
used for		300 hours as PIC	experience as	(a) must hold the
balloon		in balloon AOC	pilot for a	balloon class
AOC		operations	balloon AOC	endorsements
operations		-r-iddono	holder	for all of the
sperenous				balloon types
				used in the
				AOC holder's
				fleet; and
				(b) must be
				employed by
				the AOC holder
L	1			

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				on a full-time
				basis; and
				(c) must not be the
				Chief Pilot for
				another AOC
				holder.
Class 1	1 or more	350 hours as	A minimum of	The Chief Pilot:
balloons	Class 1	PIC, including	24 months'	(a) must hold the
and Class 2	balloons	300 hours as PIC	experience as	(a) must noid the balloon class
balloons	and 1 or	in balloon AOC	pilot for a	
used for	more Class	operations	balloon AOC	endorsements
balloon	2 balloons		holder	for all of the
AOC	2 041100113			balloon types
operations				used in the
				AOC holder's
				fleet; and (b) must be
				employed by
				the AOC holder
				on a full-time
				basis; and
				(c) must not be the Chief Pilot for
				another AOC holder.
Class 2	1 or more	350 hours as	A minimum of	The Chief Pilot:
	1 or more		A minimum of 24 months'	The Chief Pilot:
balloons used for		PIC, including		(a) must hold the
balloon		300 hours as PIC in balloon AOC	experience as	balloon class
AOC			pilot for a balloon AOC	endorsements
		operations		for all of the
operations			holder	balloon types
	A			used in the
	A 1			AOC holder's
				fleet; and
				(b) must be
				employed by
	Y			the AOC holder
				on a full-time
				basis; and
				(c) must not be the
				Chief Pilot for
				another AOC
				holder.
		I		LEWINGE.

Please select one

- □ Agree
- □ Agree with changes (please specify suggested changes below)
- $\hfill\square$ Disagree (please detail your reasoning and alternative suggestions below)
- \Box No opinion

Page 4: General comments

Do you have any additional comments about the proposed policy?

(Please note, this should not include points you have already raised)