# Approval of equipment used for carriage of persons external to a rotorcraft - Draft Advisory Circular 21-32 v1.0

# Overview

We are seeking feedback on our draft advisory circular (AC) about the approval of equipment used for carriage of persons external to a rotorcraft.

The feedback we received in our initial consultation for this AC has helped us improve the content, with the following highlights:

* adoption of the EASA terminology of simple and complex Personnel Carrying Device Systems (PCDS)
* inclusion of a frequently asked questions (FAQ) section
* improved clarity regarding what standards are acceptable – including a list of standards that have been pre-assessed by CASA
* the addition of a baseline standard for a litter system.

Part 21 of the Civil Aviation Safety Regulations 1998 (CASR) sets out the approval requirements for equipment used for external cargo operations in Australia.

Rotorcraft external load operations in Australia may be conducted as:

* Part 133 of CASR - Australian air transport operations (rotorcraft), or
* Part 138 of CASR - Aerial work operation.

The AC provides guidance about the various pathways and options for the Part 21 of CASR approval of PCDS used with Human External Cargo (HEC) capable rotorcraft when performing HEC operations.

It outlines the types of approvals available and the associated manufacturing process requirements.

## **This AC will be of interest to:**

* operators of Australian registered rotorcraft conducting human external cargo operations
* maintenance organisations that modify rotorcraft for external load operations
* designers of rotorcraft modifications
* authorisation holders of appliances that are to be used during external load operations.

## **Why your views matter**

We recognise the valuable contribution that community and industry consultation make to the regulatory development process.

We have previously consulted on an early draft of this AC and are now seeking feedback on whether:

* the content and structure of the guidance provided is clear and sufficient for obtaining an approval under CASR Part 21
* the guidance helps you comply with the Part 133 and 138 requirements for using Part 21 approved equipment
* the proposed technical standard provided at Appendix A of the AC is practical and fit for purpose.

Please submit your comments on the draft AC through the consultation hub using the survey provided. If you are unable to provide feedback this please email us at regulatoryconsultation@casa.gov.au.

A copy of the draft AC is provided below as well as appearing on the feedback page of the survey. An MS Word copy of online consultation has also been provided for ease of distribution and feedback within your organisation.

Please read the AC document before providing your feedback.

## **What happens next**

At the end of the response period, we will:

* review all comments received
* make responses publicly available on the consultation hub (unless you request your submission remain confidential)
* publish a Summary of Consultation which summarises the feedback received and outlines any intended changes and next steps.

Upon publication of AC 21-32 v1.0, we intend to issue a general exemption for a transitional period to allow operators time to obtain the necessary Part 21 approvals for their existing equipment.

Feedback that improves the guidance will be incorporated into the final guidance.

Give Us Your Views

[Appears on the overview page at the bottom]

Online Survey

[This link is on the front page of the survey and takes you to the survey questions]

**Related Documents**

List of documents attached to the consultation

* Approval of equipment used for carriage of persons external to a rotorcraft - Draft Advisory Circular 21-32 v1.0
* MS Word copy of online consultation - Approval of equipment used for carriage of persons external to a rotorcraft

Audience & Interest groups

**Audience**

* Air transport operations – rotorcraft (Part 133)
* Aerial work operator (Part 138)
* Equipment Manufacturers (including CASA Production Authorisation Holders)
* CASR Subpart 21.J approved design organisation
* CASR Subpart 21.M authorised persons

**Interest**

* Equipment standards
* Human External Cargo (HEC)

# Page 1. About this consultation

This consultation asks for your feedback on the draft AC 21-32 v1.0*.*

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
* **any comments** you may want to provide
* **demographic information** to help us understand your interest in the guidance

Our [website](https://www.casa.gov.au/rules/changing-rules/consultation-industry-and-public) contains more information on making a submission and what we do with your feedback.

# Page 2. Personal Information

First name

*(Required)*

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Last name

*(Required)*

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Email

*If you enter your email address you will automatically receive an acknowledgement email when you submit your response.*

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Do your views officially represent those of an organisation?

*(Required)*

*Please select only one item*

[ ]  Yes, I am authorised to submit feedback on behalf of an organisation

[ ]  No, these are my personal views.

## If yes, please specify the name of your organisation.

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Which of the following best describes the group you represent?

*Please select only one item*

[ ]  CASR Subpart 21.J design organisation

[ ]  CASR Subpart 21.M authorised person

[ ]  Aerial work operator

[ ]  Air transport operator - rotorcraft

[ ]  Equipment manufacturer

[ ]  Other

Please specify “Other” if selected.

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# Page 3. Consent to publish submission

To provide transparency and promote debate, 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 last 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 our[website](https://www.casa.gov.au/rules/changing-rules/consultation-industry-and-public)**.**

## 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.

[ ]  I am a CASA officer.

# Page 4. Feedback on Draft AC 21-32 v1.0 - Approval of equipment used for carriage of persons external to a rotorcraft

We have previously consulted on an early draft of this AC and are now seeking feedback on whether:

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* the guidance helps you comply with the Part 133 and 138 requirements for using Part 21 approved equipment
* the proposed technical standard provided at Appendix A of the AC is practical and fit for purpose.

**Link:** Draft AC 21-32 v1.0

Please provide any feedback you have on draft AC 21-32 v1.0 in the comments box below.

Comments

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