
Draft AC 139-05 v3.0 - Changes to Plume Assessment

Overview

The purpose of this Advisory Circular (AC) is to provide:

- A standard method of determining the critical velocity of a vertical exhaust plume so that the impact of a plume near aerodromes and away from aerodromes can be assessed in a consistent and reliable way.
- Guidance to persons involved in the design, construction and operation of facilities with vertical exhaust plumes about the information required to assess the potential hazard from a plume to aircraft operations.
- Guidance to proponents and stakeholders on the plume rise assessment process.

Closing date for comment

CASA will consider all comments received on the **Draft AC 139-05 v3 - Changes to Plume Assessment**. Comments should be submitted through the online response form by close of business **17 August 2018**.

Why we are consulting

CASA recognises the valuable contribution that community and industry consultation makes to the regulatory development process.

This is the second revision of the AC relating to the conduct of plume rise assessments and replaces AC 139-5(1) issued in November 2012. It has been revised to include the use of the 6.1m/s benchmark velocity which has been included in the "Screening Tool".

A copy of the draft AC is provided below. You can read the document on this screen using the scroll bar or save it to your computer using the popup options.

Please read the document before providing your feedback in the online survey.

On this page under the heading, "Related Documents" you will find a downloadable Word copy and PDF of this consultation. This is for ease of distribution and feedback within your organisation.

Introduction

We would like your feedback on the Draft AC139-05 v3.0 - Changes to Plume Assessment.

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

Our website contains more information on **making a submission and what we do with your feedback**. <<https://www.casa.gov.au/rules-and-regulations/landing-page/consultation-process>>

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

Yes No

If yes, please specify the name of your organisation.

Consent to publish your 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
- basic demographic information, that is, the area you live or from which you operate.

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

Draft AC 139-05 v3.0 feedback

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Please provide your feedback on draft AC 139-05 v3.0.

(Required)