

Summary of consultation on AC 139-05 v3.0 - **Plume rise assessments**

About this consultation

CASA published the Draft AC 139-05 v 2.0 — Plume rise assessments — on the CASA Consultation Hub from 03 August 2018 to 17 August 2018. This was 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 6.1 m/s benchmark velocity which has been included in the 'Screening Tool'.

A copy of the survey is available [here](#).

Respondents

CASA received one submission. The respondent supported the second revision and provided feedback.

Key feedback

The Bureau of Meteorology supported the use of the turbulence intensity classifications published in the Manual of Aviation Meteorology (2003) and the 6.1 m/s moderate turbulence benchmark velocity.

Future direction

CASA will issue the final AC 139-05 V3.0 to include the use of the 6.1 m/s benchmark velocity and the feedback provided to clarify the process steps. No further consultation will be sought.