# Commissioning of aerodrome lighting systems – Draft AC 139.C-11 v1.0

# Overview

Aerodrome lighting provides visual guidance for pilots when approaching, landing and operating at an aerodrome at night or in reduced visibility conditions.

Before commissioning any aerodrome lighting system, an aerodrome operator must ensure they complete a series of checks to meet the requirements contained in the Part 139 (Aerodromes) Manual of Standards (MOS).

A new aerodrome lighting system must not be made available for use until it has been commissioned. The replacement or upgrade to an existing commissioned lighting system must also be commissioned before being made available for use.

In certain circumstances, CASA may direct the completion of a ground and/or flight check of an already commissioned aerodrome lighting system. These circumstances include a substantial change to the system or through an adverse performance report from a pilot or aircraft operator.

The aerodrome operator is responsible for providing written evidence to CASA of the commissioning process and for ensuring that all required check reports are obtained prior to requesting a Notice To Airmen (NOTAM) or updating the AIP.

## **Purpose**

This purpose of Advisory Circular (AC) 139.C-11 v1.0 is to provide general information and advice on the requirements and method of commissioning various aerodrome lighting systems. For those systems that require a flight check as part of the commissioning process, advice on how to conduct the flight check is also provided.

## **Audience**

This AC will be of interest to:

* aerodrome owners/operators
* persons conducting ground checks of aerodrome lighting systems
* persons conducting flight checks of aerodrome lighting systems.

Draft AC 139.C-11 v1.0 will replace AC 139-04(0) - Commissioning of aerodrome lighting systems.

## **Why your views matter**

CASA recognises the valuable contribution that community and industry consultation makes to the regulatory development process. For this reason, we are seeking feedback on whether the draft AC is fit for purpose and provides adequate guidance on:

* requirements and method of commissioning various aerodrome lighting systems
* the conduct of the flight check when required as part of the commissioning process.

A copy of the draft AC 139.C-11 v1.0, is provided below as well as appearing on the Feedback page of the survey.

Please read the AC document before providing your feedback.

*Note: The MS Word document is not to be used as an emailed submission, unless there are extenuating circumstances, and this form of submission has been agreed to by the consultation project lead.*

## **What happens next**

At the end of the response period for public comment, we will review each comment and submission received. We will make all submissions publicly available on our website, unless you request your submission remain confidential. We will also publish a Summary of Consultation which summarises the feedback received, outlines any intended changes and details our plans for the AC.

# **Give Us Your Views** [Appears on the overview page at the bottom]

[Online Survey](https://consultation.casa.gov.au/regulatory-program/pp1816us/consultation/) [This link is on the front page of the survey and takes you to the survey questions]

**Related**[This section is at the bottom of the front page and contains all the links to other sites and documents related to this consultation]

**Related Documents**

List of documents to attach to the consultation

Example

* Draft AC 139.C-11 v1.0 - Commissioning of aerodrome lighting systems
* MS Word copy of online consultation

# **Audience & Interest groups**

**Audience**

* Certified aerodrome owner/operator
* Aerodrome owner/operators
* CASA aerodrome inspectorate
* Aerodrome industry consultants

**Interest**

* Airspace and infrastructure
* Operational standards

# Page 1. About this consultation

This consultation asks for your feedback on the Draft AC 139.C-11 v1.0 - Commissioning of aerodrome lighting systems.

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

Our [**website**](https://www.casa.gov.au/rules-and-regulations/changing-rules/consultation-and-project-history/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*

[ ]  Aerodrome owner/operator

[ ]  Aerodrome manager

[ ]  Aerodrome operational personnel

[ ]  Aerodrome lighting consultant/supplier

[ ]  Aerodrome surveying consultant

[ ]  Qualified flight checker (pilot)

[ ]  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.

## 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.

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/changing-rules/consultation-and-project-history/consultation-industry-and-public)<https://www.casa.gov.au/rules-and-regulations/changing-rules/consultation-and-project-history/consultation-industry-and-public*>* .

Page 3. Feedback on Draft AC 139.C-11 v1.0 – Commissioning of aerodrome lighting systems

We are seeking feedback on whether the draft AC is fit for purpose and provides adequate guidance on:

* requirements and method of commissioning various aerodrome lighting systems
* the conduct of the flight check when required as part of the commissioning process.

Please provide any feedback you may have on draft AC 139.C-11 v1.0 in the comments box below.

**Fact Bank:** Draft AC 139.C-11 v1.0 Pdf

Comments

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