



Aerial application rating flight test

Flight test report Aeroplane/Helicopter

CASR 61.1115 (1) (c), 61.1140 (2) (c), Part 61 MOS Sched 5 App R.1



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Purpose of this form

This form is to be used by flight examiners to record information relating to an aerial application rating flight test - aeroplane / helicopter. It is to be used for initial issue and additional endorsement flight tests.

Who is this form for?

This form is for the flight examiner and the flight test applicant.

Information needed to complete this form

The applicant is to provide their details and complete the applicant declaration.

The flight examiner is to complete the flight test report by selecting the initial/additional purpose and applicable endorsement(s), recording the results of the ground and flight component assessments, entering the flight test details and making the examiner declaration.

Aviation Reference Number (ARN)

An ARN is required to complete this form.

If you are the applicant and you do not have an ARN, [apply now](#).

Contact details

It is important the contact details on the ARN profile are current. CASA uses these contact details when processing this application.

If your address, contact or other details have changed, you must update them online using [changing your details](#) prior to lodging this form.

Failure to provide up to date contact details to CASA could result in additional fees being charged under the *Civil Aviation (Fees) Regulations 1995* and may constitute a criminal offence.

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Any personal information you provide to CASA is protected by the *Privacy Act 1988*. CASA can only collect, use and disclose that information in accordance with that Act.

CASA will use the information collected in this form for purposes associated with performing its functions under civil aviation legislation and other Australian laws.

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For more information

Go to the [CASA website](#) or [contact us](#).

Applicant

1 What are the **applicant** details?

Your contact details must be current. Update your contact details via [changing your details](#).

Full name

ARN

Phone number

Email address

2 What is the purpose of test?

Initial issue

Add endorsement

3 Which endorsement are you issuing/adding (select all that apply)?

AA A

AA H

Fire A

Fire H

NGT A

NGT H

Flight test report

Refer to the Flight Examiner Handbook for Requirements and Recommendations

4 The flight test report must be completed in the following manner:

S Items completed **Satisfactory**

X Items completed **Unsatisfactory**

TR **Training records**

N Items **not tested**

Ground component knowledge requirements

Refer to MOS Sched 5, Appendix R.1

5 Add the appropriate entries for the flight test assessment:

Privileges and limitations of the rating and each endorsement assessed.....

Proficiency check requirements.....

The limitations of GNSS.....

Wind effect at low level and associated flying conditions.....

Analysis of actual and forecast weather relevant to application operations.....

The effect of mountainous terrain on airflow and associated flying conditions.....

Assessment of the geographical characteristics of the area of flying operations to ensure safe completion of the task.....

The hazards associated with low flying and how to identify them prior to and during a low-level operation.....

Effects of extreme environmental conditions on pilot health and performance.....

Effects of fatigue and physical health on pilot performance

Risk assessment techniques.....

Managing risks at low level

Aircraft performance, including max rate and min radius turning, Vx, Vy, OEI and helicopter manoeuvring (as applicable)

Flight component

6 Add the appropriate entries for the flight test assessment:

6.1 Pre-flight

Refer to MOS Sched 2: Units AA1 and AA2

Plan an aerial application operation to ensure a safe outcome.....

Identify hazards and manage risks.....

Ensure aircraft performance capability

Consult and brief stakeholders.....

Perform pre-flight actions and procedures.....

6.2 Ground operations, take-off, departure and climb

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable)

Complete all relevant checks and procedures

Plan, brief and conduct take-off and departure procedures.....

6 Continued

6.3 En route cruise

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable)

Conduct appropriate checks and procedures
before descending below 500ft AGL.....

6.4 Test specific activities and manoeuvres

Refer to MOS Sched 2: Units AA1 – AA6 and LL-A or LL-H (as applicable)

6.4 (a) For day aerial application endorsement (all categories) and at low-level

Perform straight flight, steep turns and procedure turns

Navigate at low level

Manage wind effects, sloping terrain, false horizons
and sun glare.....

Demonstrate use of escape routes.....

Recover from high energy and low energy unusual attitudes

Perform forced landing - SE only

Manage engine failure - ME only

Fly to, assess, land and take-off from an
operational airstrip or HLS

Fly between operational airstrip or HLS and application area

Conduct an aerial survey of a treatment area.....

Conduct operations over and under power lines.....

Apply substances

Operate aircraft safely and effectively using
GNSS swath guidance equipment.....

Operate at low level in hilly terrain

Jettison load

6.4 (b) For aeroplane aerial application endorsement

Conduct steep, max rate and min radius turns

Recognise and avoid the stall and recover from
a simulated low altitude stall

Recover from wing drop at the stall – SE only.....

Conduct operations at a certified or registered aerodrome.....

Manage abnormal and emergency situations during
low-level operations

6.4 (c) For helicopter aerial application endorsement

At low level conduct flight at various speeds
and configurations.....

At low level perform quick stop manoeuvres into
wind and downwind.....

Manage helicopter risks during application operations

6 Continued

6.4 (d) For firefighting endorsement (all categories)

Apply human factors.....

Conduct pre-flight actions.....

Demonstrate understanding of fire agency procedures,
fire traffic management and other aircraft separation
requirements.....

Perform planning and risk management.....

Fly to, assess, land and take-off from an operational
airstrip or HLS or pick up point.....

Fly between operational airstrip or HLS and drop zone.....

Conduct an aerial survey of a fire area

Apply substances

Operate aircraft at maximum permissible weights
for fire operations

Operate at low-level in hilly terrain.....

Operate in high winds, high density altitude
and high turbulence.....

Conduct low-visibility operations.....

Manage abnormal or emergency situations
during operations on a fire ground.....

Jettison load

6.4 (e) For helicopter firefighting endorsement

Replenish helicopter load
with snorkel or bucket

Manage known helicopter risks
during firefighting operations.....

6.4 (f) For night aerial application endorsement

Complete aircraft and equipment serviceability check

Conduct a risk assessment.....

Conduct pre-flight actions.....

Determine whether an airstrip or HLS is
suitable for night operations.....

Take-off and land at night at an airstrip or HLS
remote from ground lighting

Conduct safe transit from airstrip to treatment area.....

Operate work lights to illuminate treatment area

6.5 Descent and arrival

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable)

Plan and conduct arrival and circuit joining procedures.....

6 Continued

6.6 Circuit, approach and landing

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable)

Conduct low level circuit, approach and landing (day only) ..

Perform after-landing actions and procedures

6.7 Shut down and post-flight

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable)

Park, shut down, secure aircraft and complete
post-flight administration

6.8 General requirements

Refer to MOS Sched 2: Units LL-A or LL-H (as applicable), NTS1 and NTS2

Maintain effective lookout.....

Maintain situational awareness

Assess situations and make decisions

Set priorities and manage tasks.....

Maintain effective communications and
interpersonal relationships

Recognise and manage threats.....

Recognise and manage errors

Recognise and manage undesired aircraft state

Use correct radio procedures

Manage relevant aircraft systems

Manage fuel system and monitor fuel plan and usage

7 What are the details of the flight test?

Test number

Result

Pass

Fail

Ground time

Flight time

Location/route flown

Aircraft type

7 Continued

Aircraft registration (VH-)

Date of flight test (DD/MM/YYYY)

/ /

Examiner comments



Attach additional pages if required

Applicant declaration

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I declare that:

- I am authorised to make this authority and hold the role indicated below.
- All statements in this authority are true and correct and I have read and understood all provisions of the *Civil Aviation Safety Regulations 1998* which are relevant to this authority.
- I understand CASA will use the currently held details to process this authority and it is my responsibility to ensure my details are correct prior to lodgement.
- I consent to CASA using and disclosing my personal information in accordance with [CASA Privacy Statement](#) including exchanging the information with Commonwealth, State and Territory government agencies.
- I accept if this authorisation is withdrawn or refused by CASA, or if CASA are unable to assess the authorisation because I have failed to provide the required information, I am liable to pay CASA fees for work conducted.
- I acknowledge that to knowingly make a false or misleading statement in this authority is an offence against the *Criminal Code Act 1995 (Cth)*.

Applicant full name

Applicant signature

Date (DD/MM/YYYY)

/ /

Examiner declaration

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Examiner full name

Examiner ARN

Examiner signature

Date (DD/MM/YYYY)

/ /

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