



Australian Government

Civil Aviation Safety Authority

Instrument number CASA EX43/24

I, PHILIPPA JILLIAN SPENCE, Director of Aviation Safety, on behalf of CASA, make this instrument under regulations 11.160 and 11.205 of the *Civil Aviation Safety Regulations 1998*.

[Signed P. Spence]

Pip Spence

Director of Aviation Safety

6 September 2024

CASA EX43/24 — Flight Testing of Vertiia V1000 RPA (AMSL Aero) Exemption 2024

1 Name

This instrument is *CASA EX43/24 — Flight Testing of Vertiia V1000 RPA (AMSL Aero) Exemption 2024*.

2 Repeal of instrument CASA EX07/22

Instrument *CASA EX07/22 — Flight Testing of Vertiia V1000 RPA (Gordon Hayes, David Lamb and AMSL Aero) Exemption 2022* is repealed.

3 Definitions

Note In this instrument, certain terms and expressions have the same meaning as they have in the *Civil Aviation Act 1988* and the regulations. These include: **CASR**, **experimental certificate**, **operator**, **remote pilot**, **remote pilot licence** and **RPA**.

In this instrument:

AMSL Aero means AMSL Aero Pty Ltd, ARN 1070415.

applicable experimental certificate means an experimental certificate issued by CASA to AMSL Aero in relation to the Vertiia V1000 RPA.

documented practices and procedures has the same meaning as it has in Part 101 of CASR.

remote pilot in command, for an operation under this exemption, means any remote pilot in command named in this exemption.

Vertiia V1000 RPA means the AMSL Aero V1000 electric VTOL powered-lift RPA, in either a prototype or production configuration.

4 Application

This instrument applies in respect of the Vertiia V1000 RPA, operated for the purpose of flight testing under an applicable experimental certificate issued for that purpose, to:

- (a) Gordon Lachlan Hayes, ARN 555906, as the remote pilot in command; and
- (b) David Stuart Anthony Lamb, ARN 417789, as the remote pilot in command; and
- (c) Brendan John Reinhardt, ARN 500572, as the remote pilot in command; and
- (d) Gordon Lachlan Hayes, David Stuart Anthony Lamb, Brendan John Reinhardt and AMSL Aero, as the operators.

5 Exemption — remote pilot in command

- (1) While operating the Vertiia V1000 RPA, the remote pilot in command is exempt from compliance with:
 - (a) the requirement, under subregulation 101.252(2) of CASR, to hold a remote pilot licence that authorises the remote pilot in command to operate the RPA; and
 - (b) the requirement, under subregulation 101.252(3) of CASR, to produce, for inspection by a person mentioned in paragraph 101.252(3)(b), a remote pilot licence that authorises the remote pilot in command to operate the RPA.
- (2) The exemption in subsection (1) is subject to the condition in section 7.

6 Exemption — the operators

- (1) While operating the Vertiia V1000 RPA, the remote pilot in command and AMSL Aero, as operators, are exempt from compliance with the requirement:
 - (a) under subregulation 101.270(2) of CASR, to hold a certificate as an RPA operator under Division 101.F.4 of CASR that authorises the person to conduct the operation; and
 - (b) under subregulation 101.275(1) of CASR, to operate a large RPA only with CASA's approval.
- (2) The exemption in subsection (1) is subject to the conditions in section 8.

7 Condition — remote pilot in command

The remote pilot in command must hold a commercial pilot licence with the helicopter category rating.

8 Conditions — operators

- (1) An operator must ensure that, while flight testing, the operator has the applicable experimental certificate issued for that purpose.

Note The experimental certificate sets out the conditions to which the flight testing is subject.
- (2) An operator must conduct any operation of the Vertiia V1000 RPA in accordance with the documented practices and procedures of AMSL Aero.

9 Repeal of this instrument

This instrument is repealed at the end of 31 July 2027.