



Australian Government

Civil Aviation Safety Authority

Instrument number CASA EX63/22

I, PHILIPPA JILLIAN SPENCE, Director of Aviation Safety, on behalf of CASA, make this instrument under regulations 11.160, 11.205 and 11.245 of the *Civil Aviation Safety Regulations 1998*.

[Signed P. Spence]

Pip Spence
Director of Aviation Safety

31 August 2022

CASA EX63/22 — Flight Testing of Large RPA Airship (Stratoship Operations) Instrument 2022

1 Name

This instrument is *CASA EX63/22 — Flight Testing of Large RPA Airship (Stratoship Operations) Instrument 2022*.

2 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: **ARN**, **experimental certificate**, **large RPA**, **remote pilot licence** and **RPA**.

(1) In this instrument:

applicable experimental certificate means an experimental certificate issued by CASA to Stratoship Operations for the purpose mentioned in paragraph 21.191 (a) of CASR in relation to the relevant aircraft.

documented practices and procedures has the same meaning as in paragraph 101.335 (1) (d) of CASR.

relevant aircraft means the large RPA airship, with registration number VH-DJU, that is operated by Stratoship Operations.

Stratoship Operations means Stratoship Operations Pty Ltd, ARN 1140366.

supervising remote pilot means the holder of a remote pilot licence who:

(a) meets the requirements of subregulation 101.300 (4) of CASR for operating an RPA beyond visual line of sight; and

(b) either:

(i) is the person certified as the RPA operator of the RPA; or

(ii) has been appointed to act as a supervising remote pilot for that particular operation by the person certified as the RPA operator of the RPA.

- (2) In this instrument, an RPA is operated *beyond visual line of sight* of a person operating an RPA if it is not *operated within the visual line of sight* of the person, as defined in subregulation 101.073 (3) of CASR.

3 Application

- (1) Sections 4, 6 and paragraph 10 (a) of this instrument apply in relation to a person mentioned in any item in the following table, with the ARN mentioned in the item, as the remote pilot in command of the relevant aircraft, if the relevant aircraft is operated for the purpose of flight testing under an applicable experimental certificate.

Table Remote pilots in command

Item	Person (Column 1)	Aviation Reference Number (Column 2)
1	Daniel Field	570458
2	Jon Gardiner	1057866
3	Jackson Nesbitt Harding	432391
4	Gerhardus Daniel Jordaan	777716
5	Daniel Sacha Kozianski	1020226
6	Joshua Brent Quilty	789563
7	Mark Richard Roots	566265
8	Shane Anthony Russell	755469
9	Paul Anton Verlander	567462
10	Jennifer Louise Williams	1065331

- (2) Sections 5 and 7 of this instrument apply in relation to a person mentioned in item 3, 4 or 7 of the table, as the remote pilot in command of the relevant aircraft, if the relevant aircraft is operated for the purpose of flight testing under an applicable experimental certificate.
- (3) Sections 8 and 9, and paragraph 10 (b), of this instrument apply in relation to the person mentioned in item 1 of the table.

4 Exemption — remote pilot in command

- (1) While operating the relevant aircraft, 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 conditions in section 6.

5 Exemption — certain remote pilots in command

- (1) While operating the relevant aircraft beyond visual line of sight, each of the following persons as remote pilot in command is exempt from compliance with paragraph 101.300 (4) (a) of CASR:
 - (a) Jackson Nesbitt Harding;
 - (b) Gerhardus Daniel Jordaan;
 - (c) Mark Richard Roots.
- (2) The exemption in subsection (1) is subject to the condition in section 7.

6 Conditions — remote pilots in command

- (1) The remote pilot in command must hold at least a remote pilot licence or a private pilot licence.
- (2) The remote pilot in command must:
 - (a) have completed an aeronautical knowledge examination (within the meaning of Part 61 of CASR) for the grant of an instrument rating under Part 61; or
 - (b) meet the requirements of subsection (3).
- (3) For paragraph (2) (b), the requirements are that the remote pilot in command:
 - (a) operate the relevant aircraft under the supervision of a supervising remote pilot who is:
 - (i) at the place where the remote pilot is located; and
 - (ii) readily accessible to the remote pilot conducting the flight; and
 - (iii) immediately available to advise and direct the remote pilot; and
 - (b) comply with any directions given by the supervising pilot.

Note The examination referred to in paragraph (2) (a) is also known as an IREX.

Note The remote pilot in command is also required under Stratoship Operations' documented practices and procedures to comply with conditions imposed on the applicable experimental certificate that apply to the remote pilot in command. These include the completion of training specifically related to the operation of the relevant aircraft, including refresher training. Under regulation 101.370 of CASR, it is an offence for the remote pilot in command not to comply with this requirement.

7 Condition — certain remote pilots in command

The remote pilot in command must:

- (a) only operate the relevant aircraft beyond visual line of sight under the immediate supervision of a supervising remote pilot who is:
 - (i) at the place where the remote pilot is located; and
 - (ii) readily accessible to the remote pilot conducting the flight; and
 - (iii) immediately available to advise and direct the remote pilot; and
- (b) comply with any directions given by the supervising pilot.

8 Exemption — maintainer

- (1) Daniel Field is exempt from compliance with regulation 101.265 of CASR to the extent that the regulation applies in relation to the carrying out of maintenance on the relevant aircraft, an aircraft component for the aircraft, or aircraft material for the relevant aircraft.
- (2) The exemption in subsection (1) is subject to the condition in section 9.

9 Condition — maintainer

Daniel Field must comply with any condition relating to the carrying out of maintenance of the relevant aircraft that is imposed on the applicable experimental certificate.

Note Regulation 42CB of CAR also requires Stratoship Operations, as the holder of the certificate of registration for the relevant aircraft, to maintain the aircraft in accordance with any conditions imposed on the experimental certificate.

10 Direction — operator

Stratoship Operations must ensure that a copy of the applicable experimental certificate is made available to:

- (a) the remote pilot in command during the flight testing of the relevant aircraft; and
- (b) Daniel Field.

Note 1 The experimental certificate sets out the conditions to which the flight testing is subject and may also set out conditions relating to maintenance of the aircraft.

Note 2 For regulation 11.250 of CASR, the direction in this section ceases to be in force at the end of 31 August 2023.

11 Repeal

This instrument is repealed at the end of 31 August 2023.
