



Australian Government

Department of Infrastructure, Regional Development and Cities

File Reference: F18/1095

Approval Number: 2019(17) – 002

S47F

General Counsel
Wing Aviation Pty Ltd
Tower One - International Towers Sydney
Level 46, Barangaroo Avenue
BARANGAROO NSW 2000

Dear [REDACTED] s47F

I refer to your application of 15 April 2019 for an approval to operate drone delivery demonstrations as part of Wing Aviation Pty Ltd's (Wing Aviation's) *Early Flyer Program* in the Australian Capital Territory under the *Air Navigation (Aircraft Noise) Regulations 2018* (the Regulations). The Regulations prohibit certain aircraft types from engaging in air navigation without permission, including those proposed to be used for the drone delivery demonstrations.

Under section 17 of the Regulations, I approve the Hummingbird Quiet Hover Propulsion Aircraft operated by Wing Aviation (the aircraft) to engage in air navigation between 24 April 2019 and 31 May 2019 (the demonstration period), subject to the conditions set out below.

CONDITION 1: OPERATIONAL REQUIREMENTS

A. The aircraft may be operated only as follows:

- (1) On demonstration flights under Wing Aviation's *Early Flyer Program* (the Program), where the Program complies with the requirements set out in subcondition B;
- (2) On demonstration flights between Wing Aviation's premises at 48 Vicars Street, Mitchell, ACT (the Premises) and the following locations:
 - (a) Hilltop Reserve, Crace;
 - (b) the car park adjacent to the Palmerston Community Centre, Tiptree Crescent, Palmerston;
 - (c) Tomasetti Street Park, Tomasetti Crescent, Franklin;
- (3) On research, test and development flights at the test site located at [REDACTED] s47G
- (4) On noise testing flights arranged in accordance with Condition 4.

B. The following requirements apply in relation to the Program:

- (1) There must not be more than 100 homes involved in the Program at any given time. Substitution of households is permitted during the demonstration period.
- (2) A demonstration flight under the Program consists of the aircraft flying from the Premises to a home involved in the Program and back to the Premises.
- (3) No more than 90 demonstration flights under the Program may take place on any day. This is based on [REDACTED] per hour average during the longest operating days.

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C. The demonstration flights referred to in subconditions A(1) and A(2) above must not operate on 25 April (ANZAC Day) and 27 May 2019 (Reconciliation Day), and can otherwise only operate during the following times:

- (1) Wednesdays, Thursdays and Fridays between 7.30am and 4.30pm;
- (2) Saturdays between 8.00am and 4.30pm;
- (3) Sundays between 9.00am and 4.30pm.

CONDITION 2: NOISE ABATEMENT PROCEDURES

The aircraft must not overfly declared heritage or environmentally sensitive areas, such as National Parks.

CONDITION 3: COMMUNITY FEEDBACK AND NOISE COMPLAINT MANAGEMENT

Wing Aviation must document the feedback, and the steps it takes to respond to the feedback, that it and Government agencies (including the ACT Government complaints and Access Canberra services) receive during the demonstration period.

Wing Aviation must provide a report with this information to the Department by 28 June 2019.

CONDITION 4: NOISE TESTING

Wing Aviation must facilitate the Department's efforts to organise noise testing of the aircraft during the demonstration period, including at a residential location receiving deliveries under the Program.

The timing and nature of any noise testing of the aircraft requested by Commonwealth or ACT Government agencies must be as determined by the Department, in consultation with Wing Aviation and relevant Government agencies.

COMPLIANCE WITH SAFETY AND AIR TRAFFIC DIRECTIONS

Nothing in this approval authorises Wing Aviation to operate the aircraft in contravention of other applicable statutory requirements, such as the *Civil Aviation Act 1988*, *Civil Aviation Regulations 1988*, *Civil Aviation Safety Regulations 1998* or any other statutory instruments, including *CASA EX40/19 – Remotely Piloted Aircraft Operation over Approved Areas of Canberra (Wing Aviation) Instrument 2019*.

TIME PERIOD FOR APPROVAL

This approval is force from 24 April 2019 to 28 June 2019, with aircraft operations approved between 24 April 2019 and 31 May 2019 only. A copy of this approval must be available for inspection upon request.

The Department will use feedback received during the program as part of its future consideration of Wing's planned establishment of services in Canberra.

Yours sincerely



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Director, Aircraft Operations
Aviation Environment
18 April 2019

**Australian Government****Department of Infrastructure, Regional Development and Cities**

File Reference: F18/1095

Approval Number: 2019(17) – 001

[REDACTED] s47F

General Counsel
Wing Aviation Pty Ltd
Tower One- International Towers Sydney
Level 46, Barangaroo Avenue
BARANGAROO NSW 2000

Dear [REDACTED] s47F

I refer to your application of 11 April 2019 for an approval to operate drone delivery demonstrations in the Australian Capital Territory under the *Air Navigation (Aircraft Noise) Regulations 2018* (the Regulations). The Regulations prohibit certain aircraft types from engaging in air navigation without permission, including those proposed to be used for the drone delivery demonstrations.

Under section 17 of the Regulations, I approve the Hummingbird Quiet Hover Propulsion Aircraft operated by Wing Aviation Pty Ltd (the aircraft) to engage in air navigation. The aircraft is only to be operated for delivery demonstration flights to/from Wing Aviation's premises at 48 Vicars Street, Mitchell, Australian Capital Territory (Wing's premises) as indicated in this approval.

The approval is subject to the conditions outlined below.

CONDITION 1: LOCATIONS AND DATES OF OPERATION

The aircraft may be operated only as follows:

- (1) On Thursday 11 April 2019, between Wing's premises and Hilltop Reserve Crace.
- (2) On Friday 12 April 2019, between Wing's premises and the car park adjacent to Palmerston Community Centre, Tiptree Crescent, Palmerston.
- (3) On Saturday 13 April 2019, between Wing's premises and Tomasetti Street Park, Tomasetti Crescent, Franklin.

CONDITION 2: NOISE ABATEMENT PROCEDURES

The operator is to ensure that the aircraft does not overfly declared heritage or environmentally sensitive areas, such as National Parks.

COMPLIANCE WITH SAFETY AND AIR TRAFFIC DIRECTIONS

Nothing in this approval authorises the owner/operator to operate the aircraft in contravention of other applicable statutory requirements, such as the *Civil Aviation Act 1988*, Civil Aviation Regulations 1988, Civil Aviation Safety Regulations 1998 or any other statutory instruments.

All operations must comply with the *CASA EX40/19 – Remotely Piloted Aircraft Operation over Approved Areas of Canberra (Wing Aviation) Instrument 2019*.

TIME PERIOD FOR APPROVAL

This approval is valid from 11 April 2019 – 13 April 2019. A copy of this approval must be available for inspection upon request.

Yours sincerely



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Director, Aircraft Operations
Aviation Environment

11 April 2019