

**AERONAUTICAL
INFORMATION
CIRCULAR (AIC)**

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BRISBANE AERODROME (YBBN) TRIAL RUNWAY USE PROGRAM

1. INTRODUCTION

- 1.1 This AIC provides details relating to a trial runway use program at Brisbane Aerodrome (YBBN).

2. OVERVIEW

- 2.1 Brisbane Aerodrome and Airservices Australia are conducting an 18 month trial of increased tailwind operations during night time hours. This will encourage greater use of flight paths over Moreton Bay, reducing the impact of aircraft noise on Brisbane City.
- 2.2 The purpose of the trial is to gather data to facilitate a robust and meaningful study into the operational impacts of tailwind operations at YBBN. Results from this 18 month trial will assist development of future procedures and policies, supporting safe, sustainable and efficient operations.

3. OPERATIONAL INFORMATION

- 3.1 The first phase of the trial will apply to departing aircraft only. Opt-in tailwind operations will only be permitted for departures off RWY 01R in the initial phase of the trial. Extension of the trial to include arriving aircraft will be notified via a replacement AIC.
- 3.2 The trial runway use program will operate between the hours of 2200 and 0600 Local under the following conditions:
- Tailwind component is 10 KT or less (including gusts)
 - Crosswind component is 20 KT or less (including gusts)
 - Runway is dry

- No thunderstorms are present or forecast within 30NM of YBBN
- No reported or forecast windshear
- Adequate ATC staffing
- Acceptable level of traffic complexity

3.3 When these conditions are met, pilots-in-command may request RWY 01R for departure with a tailwind component. This request should be made on first contact with ATC or on request for clearance delivery. The YBBN ATIS will provide advice of the runway trial with the following note:

RUNWAY USE PROGRAM IN PROGRESS, PILOTS REQUESTING DEPARTURE RUNWAY 01R REFER TO AIC H49/25.

- 3.4 Participation in the trial is voluntary, via ATC request. If no request is made, departing aircraft will be assigned the duty runway.
- 3.5 Pilots are advised that the anemometer adjacent to RWY 01R threshold is subject to turbulent flow when winds are in the sector 100° to 150°. Pilots are able to request specific anemometer readings from ATC if required.
- 3.6 Feedback on trial data and aircraft performance will be obtained through airline operations

4. CANCELLATION

- 4.1 This AIC will be updated or cancelled after the initial six month trial period.

5. DISTRIBUTION

- 5.1 Airservices Australia website only.