



# YBBN Slot Coordination Parameters

## Capacity Declaration

Guideline for application –

**NS24 (September 2023)**

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# 1. INTRODUCTION

## 1.1 Background

This document details the coordination parameters for Brisbane Airport (ICAO: YBBN, IATA: BNE).

Section 2 provides the coordination parameters for the runway system, which are applied for the purposes of the *Brisbane Airport – Runway Demand Management Scheme* (which incorporates the IATA Worldwide Airport Slot Guidelines, although in a modified form specific to Brisbane Airport).

Section 3 provides the coordination parameters for the Domestic & International Terminals, which are applied in accordance with the IATA Worldwide Airport Slot Guidelines.

Section 4 provides the coordination parameters for the General Aviation Terminal.

## 2. RUNWAY COORDINATION

### Total Allocated Slots

There will be no more than 75 allocated slots in a rolling 60-minute period.

### Average Taxiing Time

- RWY 01L/19R

	RWY01L DEP	RWY19R DEP	RWY01L ARR	RWY19R ARR
<b>ITB</b>	14 mins	14 mins	12 mins	12 mins
<b>DTB</b>	9 mins	9 mins	8 mins	7 mins

- RWY 01R/19L

	RWY01R DEP	RWY19L DEP	RWY01R ARR	RWY19L ARR
<b>ITB</b>	3 mins	7 mins	6 mins	3 mins
<b>DTB</b>	4 mins	4 mins	4 mins	3 mins

#### Notes:

- The current Ad-hoc slot procedures established for Non-RPT operations will continue to operate utilising the daily extended weather forecast tool and reduced rates will be applied to both Runways. Details of these procedures are contained in Attachment A to the Brisbane Airport – Runway Demand Management Scheme.
- Parallel Runway Operations:
  - Between the hours of 0600 and 2200 (local time) daily, operations to and from North and West origins/destinations will be allocated RWY 01L/19R.
  - There will be no 01L arrival and no 19R departure operations for Jet aircraft between 2200 and 0600 (local time) daily.
- Runway works on either RWY01R/19L or RWY01L/19R (resulting in single runway operations):
  - Between the hours of 0600-2200 local time (2000-1200 UTC) on 30 and 31 March 2024 and 26 and 27 October 2024.
  - Total allocated slots during runway works will be reduced to no more than 45 allocated slots in a 60 minute period.

# 3. TERMINAL COORDINATION

## 3.1 International Terminal

### Active Apron Parking at the International Terminal

- Up to 17 parking positions in total (14 active contact and 3 active non-contact)

#### Active Contact Parking at International Terminal

- 4 bays for aircraft up to Code F
- 10 bays for aircraft up to Code E

#### Active Non-Contact Parking at International Terminal

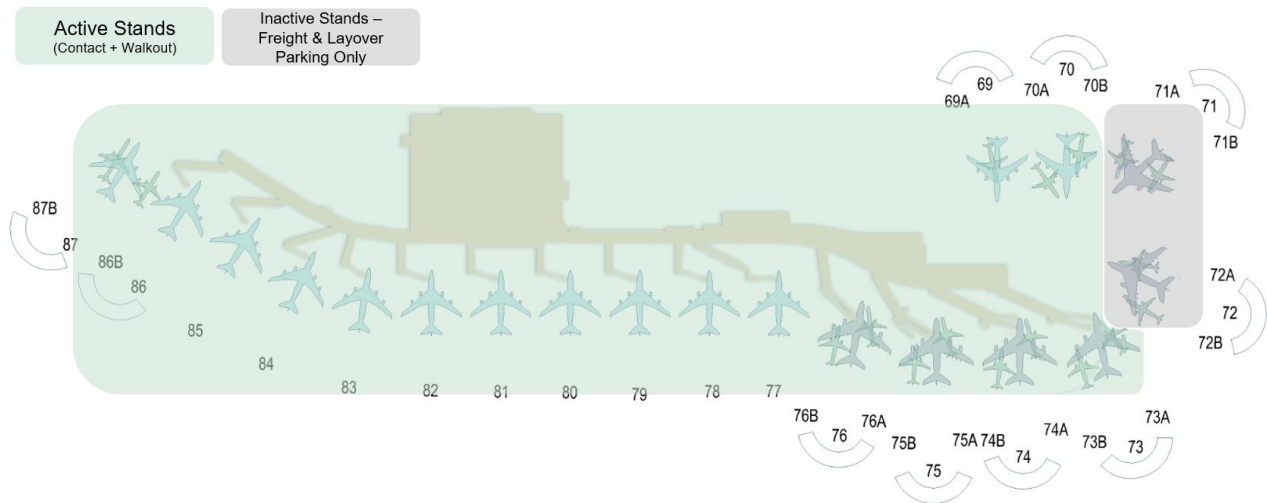
- 3 bays for aircraft up to Code E

### Inactive Apron Parking at the International Terminal

- Up to 2 inactive non-contact parking positions for aircraft up to Code F

Notes:

- Details of parking bays for specific aircraft types are contained in the Brisbane Airport Apron Usability Charts.
- 15-minute buffer applies between bay occupancies at the International Terminal.



### Maximum Passenger Arrival and Departure Rates

- Arriving seats:
  - 2,400 Arriving seats per rolling 60 minute period checked at 5 minute intervals
  - No more than 1,200 seats per rolling 15 minute period at 5 minute intervals
- Departing seats:
  - 2,100 Departing seats per rolling 60 minute period checked at 5 minute intervals
  - 1,400 Departing seats per rolling 30 minute period checked at 5 minute intervals

## Check-in Facilities (available from -180 mins to -30 mins prior to scheduled time of departure (STD))

- 5 x automatic bag drop (ABD) check-in rows
  - For each ABD row (for eligible carriers):
    - up to 2 Code E departures concurrently, **with a minimum STD separation of 45 mins**
    - up to 1 Code F departure
- 5 x conventional counter check-in rows
  - For each conventional counter row:
    - up to 2 Code D departures concurrently
    - up to 1 Code E departure
    - up to 1 Code F departure

## 3.2 Domestic Terminal

### Active Apron Parking at the Domestic Terminal

- Up to 42 active parking positions in total (35 active contact and 7 active non-contact)

#### Active Contact Parking at Domestic Terminal

- 2 bays for aircraft up to Code E
- 27 bays for aircraft up to Code C
- 4 bays for aircraft Code C-Max Wingspan 28.5m
- 2 bays for aircraft Code C-Max Wingspan 29.0m

#### Active Non-Contact Parking at Domestic Terminal

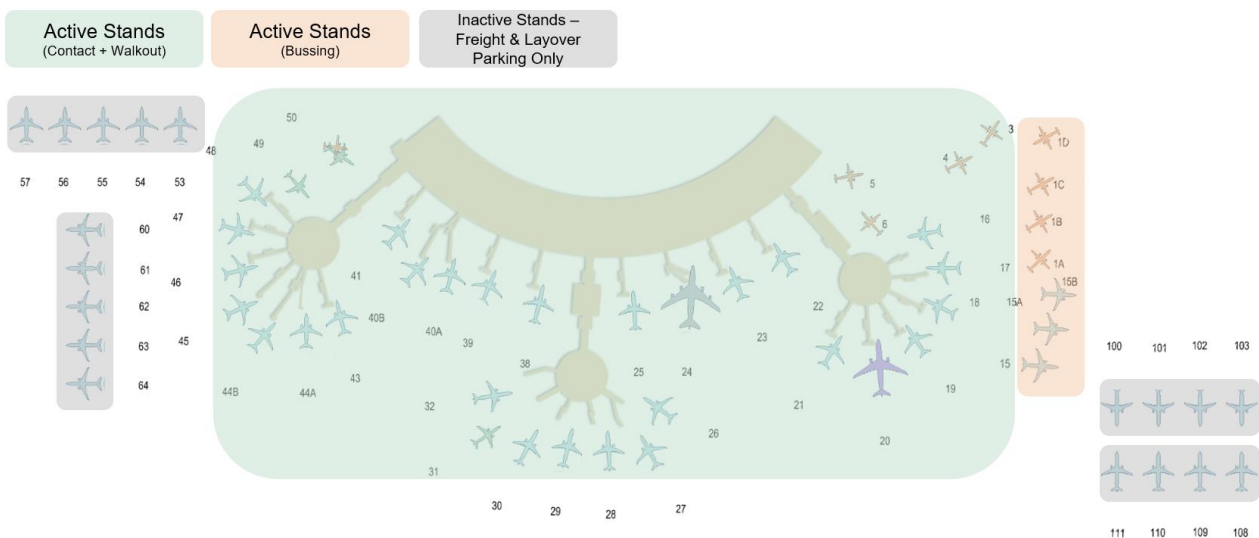
- 3 bays for aircraft up to Code C
- 4 bays for aircraft Code C-Max Wingspan 28.5m

### Inactive Apron Parking at the Domestic Terminal

- Up to 18 inactive non-contact parking positions for aircraft up to Code C

#### Notes:

- Details of parking bays for specific aircraft types are contained in the Brisbane Airport Apron Usability Charts.





To ensure appropriate business rules can be applied to varied Domestic Terminal environments, domestic terminal slot guidelines have been compartmentalised into three precincts:

### 3.2.1 Precinct 1 – Domestic Northern Terminal

#### Maximum Passenger Arrival and Departure Rates

- Arriving seats:
  - 1,700 Arriving seats per rolling 60 minute period checked at 5 minute intervals
  - No more than 900 seats per rolling 15 minute period checked at 5 minute intervals
- Departing seats:
  - 2,300 Departing seats per rolling 60 minute period checked at 5 minute intervals
  - 1,400 Departing seats per rolling 30 minute period checked at 5 minute intervals

### 3.2.2 Precinct 2 – Domestic Central Terminal

#### Maximum Passenger Arrival and Departure Rates

- Arriving seats:
  - 1,200 Arriving seats per rolling 60 minute period checked at 5 minute intervals
  - No more than 600 seats per rolling 15 minute period checked at 5 minute intervals
- Departing seats:
  - 1,300 Departing seats per rolling 60 minute period checked at 5 minute intervals
  - 900 Departing seats per rolling 30 minute period checked at 5 minute intervals

#### Check-in Facilities

- Maximum of two concurrent non-CUSS (common user self service) check in operations

### 3.2.3 Precinct 3 – Domestic Southern Terminal

#### Maximum Passenger Arrival and Departure Rates

- Arriving seats:
  - 1,600 Arriving seats rolling 60 minute period checked at 5 minute intervals
  - No more than 800 seats per rolling 15 minute period checked at 5 minute intervals
- Departing seats:
  - 2,000 Departing seats per rolling 60 minute period checked at 5 minute intervals
  - 1,400 Departing seats per rolling 30 minute period checked at 5 minute intervals

## 4. GENERAL AVIATION COORDINATION

### Apron Parking at the General Aviation Terminal

- 23 total parking positions (23 active non-contact) including:
  - 3 bays for aircraft up to F100 size
  - 4 bays for aircraft up to ATR72 size
  - 4 bays for aircraft up to Q300 size
  - 12 bays for aircraft up to SF34 size

#### Notes:

- Details of parking bays for specific aircraft types are contained in the Brisbane Airport Apron Usability Charts.
- 60 minute maximum occupancy time on bay per movement.
- All operators must have ground handling capability.

### Maximum Aircraft Arrival and Departure Rates

- 3 arrivals per rolling 60 minute period checked at 5 minute intervals
- 3 departures per rolling 60 minute period checked at 5 minute intervals
- Maximum of 150 passenger capacity within the General Aviation Terminal at any point in time