

IVAO - XO

# ATC Ops Manual

# Cairns ADC

# *YBCS\_TWR*

# *YBCS\_GND*

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| --- | --- |
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| Controlled by | ATC Operations Department |
| Date | *06/07/2024* |
| Amendments |  |

# *YBCS\_DEL*

### Airport Information

|  |  |
| --- | --- |
| Information | |
| ICAO Code | YBCS |
| IATA Code | CNS |
| Airport name | *Cairns Airport* |
| Time zone conversion | GMT +10:00 |
| Permitted traffic types | IFR / VFR |
| Runways | 15/33 |

### Aerodrome Control Positions

|  |  |  |  |
| --- | --- | --- | --- |
| Logon: | Callsign | Frequency | FRA |
| YBCS\_TWR | Cairns Tower | 124.900MHz |  |
| YBCS\_GND | Cairns Ground | 121.700MHz |  |
| YBCS\_DEL | Cairns Delivery | 128.750MHz |  |

1. YBCS\_TWR is the standard position for Cairns ADC. This position shall be opened first, and can be opened any time.
2. YBCS\_GND is the only ground position for Cairns. This position shall be opened only once YBCS\_TWR is online.
3. YBCS\_DEL is the clearance delivery position for Cairns. This position shall be opened only once YBCS\_TWR and YBCS\_GND are online.

### Responsibilities

Cairns Tower is responsible for the class C Cairns control zone (SFC-1500ft), runway, helipad, and helicopter operating areas. Ground is responsible for the remainder of the maneuvering area.

### Tower

### Runway Selection

The preferential runway direction at Cairns is runway 15, due to noise abatement and available approaches.

### Auto Release

Auto Release applies at Cairns for aircraft:

* Assigned a procedural SID from a runway nominated on the ATIS and;
* Assigned the standard assignable level

All other departures require a release from Departures, via a ‘Next’ call.

Auto Release does not apply to:

* VFR departures
* Aircraft assigned the radar SID
* High performance jet departures

Additionally, Tower will coordinate the following with Departures:

* Go arounds/missed approach

### Circuits

Circuits are usually conducted to the east of the aerodrome.

### Transfer to Departures

The frequency for departures will follow this priority order:

**All:**

YBCS\_APP

YBBE\_CS\_CTR

YBBE\_CTR

### Ground

### Aircraft Bay Assignments

|  |  |
| --- | --- |
| Bay | Airlines |
| 1-9 | *All international airliners* |
| 10-23 | *All domestic airliners* |
| H4-H14 | *Helicopters* |
| GA Apron | *GA, private jets, other* |

### Runway Crossing

Aircraft from the GA apron may depart from A2 or A4 if able. If unable to accept this, Ground will coordinate runway crossing clearance with tower and provide further taxi instructions.

**TORA:**

Runway 15: Runway 33:

RWY Head – 10,354ft RWY Head – 10,485ft

B2 – 8350ft B5 – 8478ft

B3 – 5810ft B4 – 7155m

A2 – 5787m A4 – 7155m

A3 – 4895ft A3 – 5528ft

### Delivery

### Coordination

Delivery is responsible for coordinating where required with the relevant Approach controller, prior to giving clearances involving the following:

* Non-standard requests
* High performance jet departures

The Approach controller may then issue instructions including a routing, heading, or altitude constraint, which must be passed on in the clearance.

### Standard Assignable Level

Clearance Delivery are responsible for assigning an initial climb in the clearance. Unless otherwise coordinated between Delivery and Departures, this shall be:

6000ft, or the requested RFL, whichever is lower.

### SID Assignment

Where able, all IFR jet departures to the south from runway 15 should be assigned the AKROM SID, and all IFR jet departures to all directions from runway 33 should be assigned the EAZEE SID radar transition. All IFR non-jet departures to the west should be assigned the NONUM SID. All other IFR departures should be assigned the Cairns radar SID.