

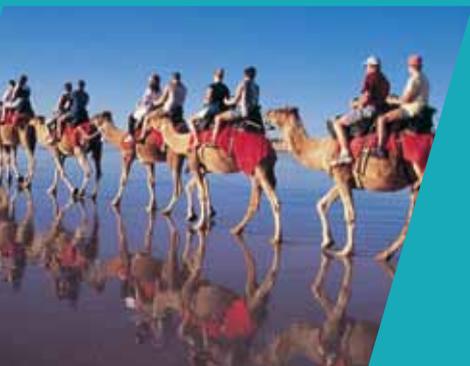


WELCOME TO

# Broomme

INTERNATIONAL AIRPORT

Browse Basin Helicopter Support Base



# CHECK INTO WA'S LEADING OIL AND GAS AVIATION SUPPORT BASE

Broome International Airport is a state of the art airport and heavy helicopter support base for the Oil and Gas industry in the Browse Basin.

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# BROOME INTERNATIONAL AIRPORT IS THE BEST AVIATION SUPPORT BASE FOR BROWSE BASIN HELICOPTER OPERATIONS

The Broome Heliport was opened in April 2009 by the Premier of Western Australia, the Hon Colin Barnett. It comprises two large helicopter hangars and a dedicated passenger terminal.

Major airport capital works to support airport expansion includes upgrading the main passenger terminal to handle international flights, further large helicopter hangars and runway strengthening.

**AIRPORT LOCATION AND SIZE //**

Broome Location / 17°57 S, 122° 13' E  
Elevation / 56 ft

**AIRPORT FACTS //**

Runway 10/28 / 2,368 x 45 m  
Apron / 6 bays for RPT passenger jets  
10 bays for large aircraft  
4 heavy helicopter bays



# BROOME INTERNATIONAL AIRPORT

A major regional airport in Western Australia and Gateway to the Kimberley, meeting the needs and expectations of Community and Industry, including Oil and Gas.

The key elements are:

## 1// HEAVY HELICOPTER FACILITY

Two large hangars specifically designed for heavy helicopters with overhead gantry crane for engine removal, heavy and light item storage, petroleum product designated storage, five air-conditioned offices looking out across the workshop, oil catchment system, and booster pump fire fighting system. Designed for simultaneous maintenance of two EC-225 helicopters and cyclone storage of three EC-225s, with no internal columns so as to avoid hangar rash. For personnel comfort, the hangars are aligned so the prevailing winds cool them via the main doors.

Helicopter passenger terminal with Check-in, Induction room, X-Ray and Security screening, Drug and Alcohol testing and Safety Briefing rooms.

Four apron helicopter parking positions, one apron hotspot, and two dedicated helicopter taxiways.

Third hangar has received planning approval with land for a fourth hangar within the precinct.

Additional 10 helicopter parking positions in the vicinity on the airport.

This Facility is stand-alone in an exclusive landside area including road access, car parking, landscaping and utilities. Airside, the facility is exclusive to heavy helicopters and has its own aprons, taxiways and direct access to the runway.

## 2// RUNWAY

The dimensions are 2368m x 45m. It is currently used by Boeing 737-800 aircraft and other medium jets, and is capable of accommodating Boeing 767-300 aircraft.

Runway upgrade works are in design to increase runway PCN capacity.





### 3// TAXIWAYS AND APRON

The airport has separately defined Major Airline and General Aviation areas.

There is a parallel taxiway for general aviation aircraft, extensive GA facilities, aircraft parking, and large maintenance hangars able to handle the 60 Broome-based aircraft and 40 itinerant aircraft.

The fixed wing aprons and maintenance facilities play an important role in supporting rig evacuation.

### 4// PASSENGER TERMINAL

The passenger terminal can handle Boeing 737-800 aircraft (500 peak hour passengers).

Both domestic and restricted international passengers can be handled.

Full security including checked bag screening is in place.

Terminal expansion is in design to increase capacity especially for international flights.

### 5// FUELLING

On airport storage is 0.3 million litres of Jet A1 in tanks, and at the port 6km away is a further 2.6 million litres of Jet A1 fuel.

Cyclones can sometimes cut road access in the North West, which makes Broome's 3 million litre fuel reserve a strategic asset.

### 6// ATC AND FIRE SERVICE

Air Services Australia constructed a new \$23m Air Traffic Control Tower and Fire Station in 2011.

ATC provides a service for all aircraft movements including future international services.

The fire service is a full CAT 6 service with water rescue available.

### 7// METEOROLOGY

There is a manned Bureau of Meteorology station located on the airport with Doppler radar. The new facilities were opened in 2008.

### 8// AIRCRAFT MAINTENANCE

Several licensed aircraft maintenance facilities for Code A, B and C aircraft (including jets) are located on the airport.





# BROOME'S LINKS TO AUSTRALIA AND BEYOND

The airport is linked to all Australian mainland capitals, and to the rest of the world.



## CURRENT AIRLINE SERVICES INCLUDE:

- Qantas:** Perth three-times daily, and Melbourne, Sydney, Brisbane twice per week in season.
- Virgin Blue:** Perth twice daily and Adelaide weekly in season.
- Air North:** Darwin and Kununurra twice daily, with twice weekly services to Karratha and Port Hedland
- Skywest:** Perth twice daily, and regular services to Darwin/Kununurra.
- International:** Singapore flights are under consideration subject to demand from Browse Basin.



# BROWSE BASIN HELICOPTER ROUTE FROM BROOME

An all weather airfield at the top of the Dampier Peninsula was needed.

The direct route Broome-Browse Basin is a distance between 176 and 240nm depending on rig location.

Transiting Lombadina airfield achieves maximum helicopter payload.

Lombadina facilitates cyclone evacuation using simultaneous helicopter and fixed wing aircraft.

Lombadina airfield has been developed by BIA as a strategic airport for the Oil and Gas industry and as a key cyclone evacuation airport. Because the logical Browse evacuation route is to the south, BIA developed and upgraded the Lombadina runway and other airfield infrastructure using our funds with State Government assistance.



# BROWSE BASIN CYCLONES

“Cyclones affecting Browse Basin come from the East”.

## CYCLONE PATHS

Cyclones that affect the Browse Basin come mainly from the East and the East/North-East.

Cyclones generally develop in the direction of Darwin and pass near Kuri Bay and Truscott.

The cyclones typically move through the Browse Basin and cross land well to the south west of Broome.

Cyclones impacting Broome are rare with only five significant impacts in the last 100 years: 1910, 1926, 1935, 1957 and Cyclone “Rosita” in 2000.

# BROWSE BASIN RIG EVACUATION

Broome and Lombadina - the best option for platform evacuation ahead of cyclones.

## CYCLONE EVACUATION

Evacuation AWAY from a cyclone is best; the risk is lower, and the rig down-time is reduced.

Rapid evacuation is achieved with full helicopter loads to a nearby mainland airfield and then transfer by fixed wing turbine aircraft to a major airport.

For the Browse Basin it is best south to Lombadina, then by fixed wing aircraft to Broome. Broome offers accommodation for evacuees and numerous scheduled airline flights to all Australian mainland capitals.

Lombadina airfield has excellent cyclone transfer base facilities including - terminal, fuel, fire service, RFDS transfer station, Automatic Weather Station and installation of RNAV approaches.





# LOMBADINA AIRFIELD

Strategically located - for Browse Basin.

## **LOMBADINA AIRFIELD IS JUST 35 MINUTES BY AIR FROM BROOME**

BIA manages Lombadina airfield on behalf of the Djarindjin Aboriginal Community (DAC). The runway allows unrestricted use by Sikorsky S92 and Eurocopter EC225 helicopters as well as twin engine 12-19 seat passenger aircraft.

BIA employs DAC staff trained in refueling, daily airport inspections, airport maintenance and airport fire fighting. Fortnightly technical inspections are done by BIA. The airport is to be registered bringing it under CASA's surveillance and annual compliance inspections.

The airfield was upgraded by BIA for more efficient helicopter operations. It has separate helicopter and fixed wing aprons for passenger transfers. A new patient transfer station has been built for RFDS aircraft. BIA is installing 2 RNAV instrument approaches to improve access at night and in adverse weather conditions, including approaching cyclones.

### **LOMBADINA AIRFIELD //**

Location / 16°31'S, 122° 54' E

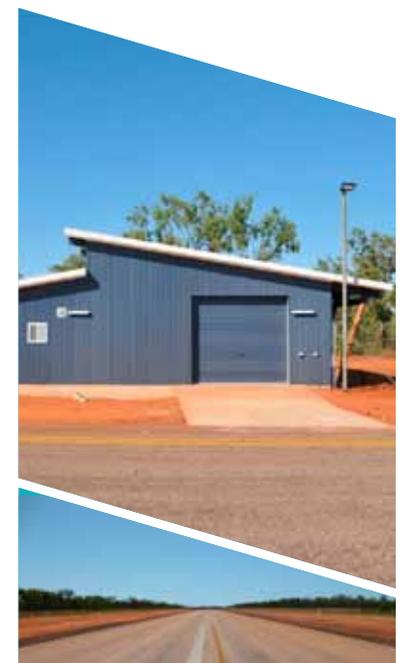
Elevation / 170 ft

Runway 10/28 / 1200m x 18m

Apron area / 10,000 m<sup>2</sup>

Fuel / Jet A1

Capacity / 167,000 litres





# BROOME TOWN

## “PEARL OF THE NORTH”

### Lifestyle and people

#### LIFESTYLE

- Great place to live
- Good shopping
- Wide range of accommodation
- Sports
- Primary and High Schools
- Safe and politically stable
- Employment opportunities for spouses
- Close to Asia
- Airline services to all Australian mainland capitals

Tourism and the pearling industry have always been the backbone of the local economy but today, oil, gas, mining, aquaculture, agriculture and retail are opening up a bright new future.

The North West and especially Broome as a central hub, is today a destination of choice for industry and commerce and for families to live and work.

An agreeable climate, friendly charm and way of life has attracted a blend of Australians from all over this big brown land – from sea changers to backpackers, from families and retirees, to artists and millionaires.

#### PEOPLE

People who enjoy all that Broome has to offer with an abundance of sunlight and warmth all year round.

People who recognise the value of a unique and wonderful lifestyle in a pristine and colourful environment.

People who were just passing through but never left and families who came to capitalise on a better way of life that the future oil, gas and mining industry will provide and underpin for years to come.

Families need stability and a future for their children – these industries will be just the catalyst to attract this segment and also to further enhance Broome as a wonderful place to live.

# BROOME FACILITIES

## Support facilities and people hub

### SUPPORT FACILITIES

The Browse Basin lies 440 kilometres offshore from Broome and gives the town the advantage of 'proximity'.

There's no better place to be based and to take advantage of all that Broome offers to service offshore facilities such as professional services from hospitals, banking services and supporting Government Agencies.

Other services include growing local infrastructure of light and heavy industry, great deepwater port facilities, reliable power services, fuel supplies, daily freight transport, postal services, telecommunications, numerous hotels and resorts, wide and plentiful range of housing and a skilled workforce.

### PEOPLE HUB

In business or industry, the welfare of staff is paramount – a happy workforce is a productive workforce.

As a central hub for staff, workers, senior executives and families, Broome already has the infrastructure in place and one that can only get better with an increase in business and population.

Being based in Broome makes more than just economic sense – we all know the associated problems with today's fly in, fly out option – this is often the only choice when industry is located in an isolated area away from amenities and general civilization – this is definitely not the case with Broome. And the usual taxation benefits and salary sacrificing apply for living in remote areas.

## Shopping and community

### SHOPPING

Imagine the savings in reducing fly in/fly out services, not only in money but in time – creating a happier workforce with less fatigue from frequent hours in the air and the stress of being away from family for longer.

Broome really is the North West's destination of choice. Eco resorts, 5 star hotels, lodges, themed restaurants, tropical plants, white sand beaches, crystal clear turquoise waters and magnificent sunsets make you feel like you are on holiday every day.

Shop in airconditioned comfort at Woolworths, Coles, Target, Best 'n Less and a myriad of specialty stores and clothing boutiques in 2 malls. National brands like Dick Smith, Prouds Jewellers, OPSM, Retravision, Just Jeans, Rockmans and Best Buy Electrical are all in Broome.

### COMMUNITY

Broome has an excellent range of commercial, health and community services – doctors and dentists, Broome Regional Hospital, public and private child care facilities, Family Support Association, major denominational Churches, Public Library and the soon to be built Shire of Broome Arts and Cultural Centre.

Three State Primary Schools, St. Mary's Private Primary School, State Senior High School, Kimberley TAFE, Police and Community Youth Centre, University of Notre Dame, Scout and Navy Cadets.

Catering for the Arts are private galleries, Kimberley Youth Theatre, School of Music, Theatrical Dance Groups, Opera Under the Stars, Music Concerts for young and old, exhibitions and many other specialty events.



# BROOME INTERNATIONAL AIRPORT, PRIVATELY OWNED AND MANAGED SINCE 1991

In the last 20 years, BIA has achieved the following milestones:

- first airport to have multi-user terminal
- first privately run Airport Fire and Rescue service in Australia
- first private air traffic service in Australia
- first regional airport in Australia connected to all mainland capital cities and serviced by five jet airlines
- constructed a dedicated Heliport, built and operationally ready for Browse Basin with expansion when needed for the Oil and Gas industry and its providers

**BIA - RUN BY AVIATION PROFESSIONALS WHO RECOGNISE THE NEEDS OF THE OIL AND GAS INDUSTRY.**



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