

GERALDTON

T A K E A F R E S H L O O K

RESIDENTIAL PILOT TRAINING ACADEMY
DEVELOPMENT OPPORTUNITY | 2018



PREFACE

Economic development of East and South East Asia, India and Africa has seen rapid growth of International and National airline services.

Boeing estimate that in the period 2017-2036 the global aviation sector will require an additional 637,000 airline pilots, of which 253,000 will be required in the Asia-Pacific Region.

The need for pilots (plus aircraft support engineers and technicians, and cabin crew) to support the anticipated growth in aviation comes at the same time as the emergence of newer aircraft types with new technologies and enhanced mission capabilities, replacing existing types, requiring training and type certification for current airline captains and first officers.

With strong consensus across the global aviation sector on the sustained demand for new pilots for the next two decades, clear opportunity exists for development and commercial operation of new airline pilot training academies.

A major pilot training academy requires use of an airport with uncongested skies, air space free from military airspace restrictions, an all-year flying climate, and a stable, safe environment.

Located on the west coast of Australia, Geraldton Airport meets those essential needs.

Servicing a regional city with 40,000 population, the airport hosts regular public transport services by Qantas and Virgin for connection to Perth, the

capital city of Western Australia, a 50 minute airline flight away.

The City of Greater Geraldton invites financiers, international carriers, and operators of major pilot training schools, to consider Geraldton as an ideal site for development of a globally significant pilot training academy.

Mayor Shane Van Styn
CITY OF GREATER GERALDTON



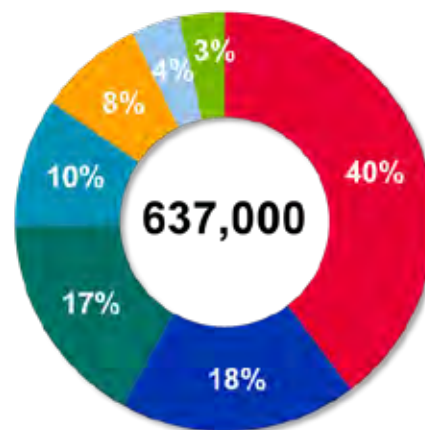
Demand for commercial airline pilots

2017 Pilot & Technician Outlook



New Pilots by Region 2017–2036

● Asia Pacific	253,000
● North America	117,000
● Europe	106,000
● Middle East	63,000
● Latin America	52,000
● Africa	24,000
● C.I.S. / Russia	22,000
World Total	637,000



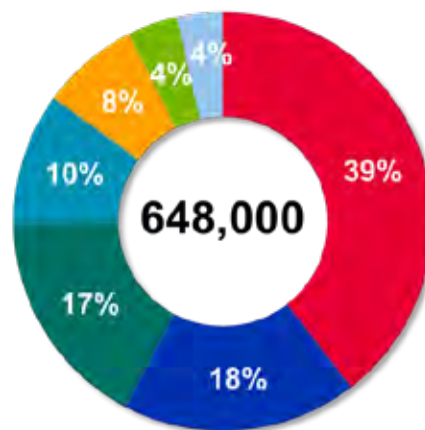
Demand for commercial airline technicians

2017 Pilot & Technician Outlook



New Technicians by Region 2017–2036

● Asia Pacific	256,000
● North America	118,000
● Europe	111,000
● Middle East	66,000
● Latin America	49,000
● C.I.S. / Russia	25,000
● Africa	23,000
World Total	648,000



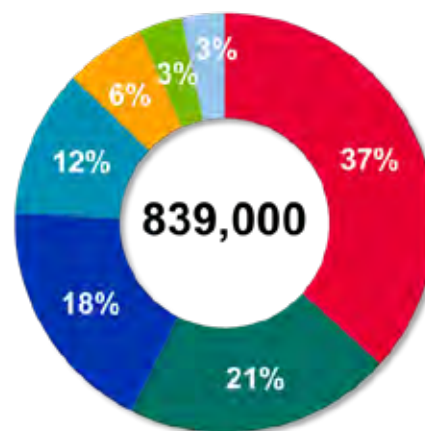
Demand for commercial airline cabin crew

2017 Pilot & Technician Outlook



New Cabin Crew by Region 2017–2036

● Asia Pacific	308,000
● Europe	173,000
● North America	154,000
● Middle East	96,000
● Latin America	52,000
● C.I.S. / Russia	28,000
● Africa	28,000
World Total	839,000



WHY GERALDTON AIRPORT?

The long-established Geraldton Airport, located 10km from the central business district (CBD), boasts high quality, modern passenger terminal facilities partnered with superior aircraft services and operations.

Geraldton Airport is within a one hour B717/F100/Q400 flight time of Perth, offering great connectivity.

The main runway is currently able to accommodate B737/A320 types. Two additional runways are aligned for primary wind patterns to accommodate all-year operation of smaller aircraft types.

By June 2019, upgrade of the main runway will provide 2400x45m pavement with turning nodes at both ends, enabling operation of 4E types such as A330.

The main taxiway will be upgraded, and a new 4E bay added to the main apron.

Geraldton Airport has all current air service navigations aids – except for ILS.

Fog and low cloud events are exceedingly rare in Geraldton – hence no requirement to date for ILS for RPT, ideal for all-year flying, but we recognise ILS may be required for certification of advanced pilots for instrument flying.

The City of Greater Geraldton owns the Geraldton Airport land estate in freehold, including airside land for future capacity expansion, and landside land for compatible land use developments – including the serviced Technology Park land with lots currently available for sale or lease.

The City also owns the Mullewa aerodrome, 100km away, available for touch-and-go training (with zero fees/charges, and plenty of space for a couple of demountable buildings and a shed for a fuel truck etc. for away-training).

Located in an industrial precinct, the Geraldton airport is surrounded otherwise by rural land. The Department of Fire and Emergency Service major urban fire station is located within 8-10 minutes of the Airport.

It has also been future-proofed against incompatible land use development on surrounding land, by a buffer zone embedded in the Planning Scheme and a Local Planning Policy.

The City has already planned for the development of a major flying school with:

- A residential flying academy campus site master-planned landside at Geraldton Airport;
- Preliminary design by a local company of the full residential and teaching campus, including preliminary designs and cost estimates for each campus building, for accommodation, messing, teaching and recreation on that reserved site; and
- Airside land reserved for flying school requirements for hangar and aircraft parking and maintenance, operations control, and an operating apron.

FOR DETAILED INFORMATION ON THE AIRPORT CONTACT:

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GERALDTON AIRPORT

AVIATION INFORMATION

RUNWAY	LENGTH (METRES)	WIDTH (METRES)	DEVELOPMENT
03/21	June 2018: 1981 June 2019: 2400	45	June 2018: Asphalt surface, unrestricted 3C, pavement concessions for 4C types June 2019: Asphalt surface, enabling 4E operations, PCN>50.
14/32	844	18	Asphalt surface, non-instrument 1B <5700Kg MTOW
08/26	900	18	Gravel, aircraft <5700Kg MTOW day operations

Immediate Future (by June 2019):

The existing 1981x45 metre pavement of runway 03/21 will be strengthened and have a new asphalt overlay constructed. Expected runway PCN>50.

Runways lights will be replaced. Runway length will be extended from 1981m to 2400M, with sealed shoulders, and runway-end turning nodes for larger aircraft.

New ICAO-compliant runway-end safety areas will be constructed.

GERALDTON AIRPORT NAVIGATION AIDS

All radio navigation aids are owned and maintained by Airservices Australia, are located on leased sites on the airport and are depicted on the Airservices Australia aerodrome facility chart YGEL.

VOR (Very High Frequency Omni Range)

Navigation aid with a ground to air range limited to 'line of sight' reception. It is located in the triangle of the three runways where it is free of reflecting objects and provides maximum line of sight coverage.

The VOR enables a pilot to select, identify, and locate a line of position of the aircraft from or to the VOR beacon.

This radio facility is also used in the provision of one of the INPA procedures for runway 03 and runway 21. (Upgraded by Airservices in 2014 from Conventional CVOR to Doppler DVOR).

DME (Distance Measuring Equipment)

A ground transponder provides a radio pulse enabling distance to be measured

between the aircraft and the ground beacon. It is located adjoining the VOR. (Upgraded by Airservices in 2014, in conjunction with the VOR upgrade).

NDB (Non Directional Beacon)

Located at the south western end of the airport and is used to provide an INPA procedure for runway 03 and runway 21. (Renewed and realigned by Airservices 2017)

SGS (Satellite Ground Station)

Located to the north of the main apron and re-transmits VHF air to ground communications to and from the Melbourne Operations Centre.

GPS (Global Positioning System)

Instrument non-precision approach (INPA) system is designed for runways 03 and 21. Satellite technology, no ground systems.

GERALDTON AIRPORT

AVIATION INFORMATION (CONT)

AIRFIELD LIGHTING

Runway Edge Lighting:

Elevated low-intensity level runway edge lighting is provided for main runway 03/21 and its associated stub taxiway Alpha.

New LED edge lighting for the runway, at 60 metre centres, will be completed by June 2019.

Precision Approach Path Indicator (PAPI):

Exists on both approaches to runway 03/21 providing visual slope guidance.

This is a mandatory visual aid for Jet aircraft operations, and of benefit to operators of smaller types.

Pilot Activation

Both the runway lights and PAPI are pilot activated on VHF frequency 126.8 and are also capable of being manually switched.

Apron Lighting

Apron floodlight towers provide illumination to the RPT apron.

Standby Power

Emergency standby power exists for airfield lighting, which includes supply to apron and PAPI lights.

Illuminated Wind Indicators

There is a primary illuminated wind indicator adjoining the apron and secondary illuminated wind indicators at both runway thresholds of RWY 03 and 21.

For the purposes of compliance with straight-in Instrument Non-precision Approaches (INPA), wind information is provided to pilots via automated weather information broadcast (AWIB) on VHF frequency 131.65 utilising information provided from the Department of Meteorology site located at the Southern end of the Airport.

AUSTRALIAN AIRSPACE CLASSIFICATION:

Geraldton Airport airspace is G-Class. There are no Military airspace restrictions.

The Common Traffic Advisory Frequency (CTAF) area extends for 10 nautical miles from the airport.



PILOT ACADEMY CAMPUS



Preliminary Design

LAND-SIDE:

- Residential accommodation building (designed to be developed in stages).
- Administration building.
- Instructors Offices Building.
- Teaching Wing – lecture theatres & lecture/tutorial rooms
- Library & Study.
- Simulator buildings (two fixed simulators initially; space available for additional simulator buildings as required).
- Kitchen, Mess and Recreation Building.
- Services building.
- Manager's residence if required.
- Pool and Sport/Fitness areas.

AIR-SIDE:

- Academy maintenance hangar
- Mezzanine or separate offices
- Aircraft parking apron (can have under cover parking)
- Operations apron area – access taxiways.

PRELIMINARY DESIGN

SITE A



PRELIMINARY DESIGN

SITE B



SITE B

WHY GERALDTON?

Geraldton really has it all! The perfect mix of city and rural living – encompassing a pristine stunning coastline with all the trappings of a big city.

The sun shines most of the year and its Mediterranean climate attracts people from all over the world to visit, live, study, invest, work and play.

If it's not the weather that attracts and retains people, it is the perfect laidback lifestyle. With a great cafe and restaurant scene, local produce is a big winner on local menus.

Shop till you drop with extended trading hours. Revel in its world-class facilities, great education options, bounds of entertainment, art, culture

and heritage and be energised by its thriving economy.

Geraldton is known for having a big focus on fitness and wellbeing with a very popular gym and sporting culture.

Having a population of over 40,000 people, the City is the service centre for the state's most diverse regional economy and boasts industries including mining, aquaculture, manufacturing, construction, farming, retail and tourism and living here has never been so affordable.

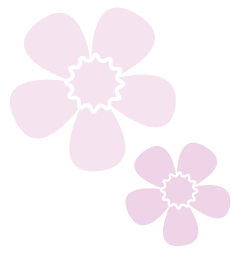
As one of Western Australia's top places to live, it is a great place to raise a family, further your studies or indulge in the beautiful lifestyle.



ON AVERAGE
GERALDTON
HAS ONLY
AROUND
80 CLOUDY
DAYS EACH
YEAR



WHERE ARE WE?



Geraldton is located 424 kilometres north of Western Australia's capital, Perth by road and 373km by air. It is the largest regional city north of Perth and is a regional capital. Situated right on the coast, Geraldton is the central hub of the Midwest region. Many base themselves in Geraldton to lose themselves in nature's wonderland with the stunning Abrolhos Islands, iconic Pink Lake, rugged Kalbarri Gorges and Wildflower Country all at its doorstep.

GETTING HERE

While we may be a regional city, we have the transport options of a metropolitan area and getting here is easy.

There are daily services from Perth via two major airlines and there are daily coach options.

By Air

Geraldton is just a quick one-hour flight from Perth! The Geraldton Airport is situated approximately 10km east of Geraldton on the Geraldton-Mt Magnet Road with both Qantas and Virgin Australia offering daily flights from Perth to Geraldton.

By Road

Geraldton is a four-hour drive from Perth with two main direct routes. Both the scenic Indian Ocean Drive and Brand Highway are available via coach or by self-drive.



ONE OF ONLY
FIVE AREAS IN
THE WORLD THAT
IS HOME TO
BOTH MARINE
AND TERRESTRIAL
BIODIVERSITY
HOTSPOTS



THE PERFECT LIFESTYLE



In Geraldton it is all about the lifestyle! It's what brings people to Geraldton and what makes them stay. With a beautiful Mediterranean climate, the sun shines almost all the time. In winter the temperature averages around 20C and 33C in summer. It makes for the perfect beach lifestyle and Geraldton's stunning coastline attracts people from all over the world.

Whether it is water sports, a spot of fishing, saying hello to our friendly Sea Lions or just to relax – our beaches are world-class.

In addition to the spectacular turquoise water and white sandy beaches, Geraldton has a booming café and restaurant scene. Marine Terrace's West End has cemented itself as a go-to for locals and visitors alike with the popular strip featuring great coffee, food and

retail. Not to mention Geraldton's array of cuisine and dining options which feature local produce.

Alongside Geraldton's many food choices are the retail options. With extended trading hours, Geraldton has a large range of shopping options from many local stores and boutique brands to larger nation-wide franchises including Coles, Woolworths, IGA and Aldi about to open its doors.

Health and wellbeing are a top priority in the community with a big emphasis on sport and fitness. There are plenty of options to keep fit whether it be on the water, joining a team sport or hitting one of our many gyms or group fitness options!

We also have an array of high-class sporting facilities to host local sporting groups through to national events.

These include a number of ovals to host events under lights, a multi-purpose swimming facility, two pristine golf courses, stadiums and facilities to host a repertoire of different sports.

While Geraldton is classed as a "regional city", we have an amazing cosmopolitan lifestyle with an array of modern bars and nightlife to match.

You will never be short of anything to do with an ever-growing events and entertainment scene. With everything from live music, theatre, comedy, dance, Fringe Festivals, Geraldton is cementing itself as a leader in entertainment in WA. In addition, to add to that, our arts and culture scene has it all. From galleries, history, street art and a lot more!

There is nothing we don't have here in Geraldton and that's why so many people continue to make the move.



ATTRACTIONS/TOURISM



Enriched in history and culture, people from all over the world visit to see some of Geraldton's and the Midwest's most prominent tourist attractions.

Not just our beaches and stunning Foreshore, but we are home to the magnificent HMAS Sydney II Memorial, Western Australian Museum, the Saint Francis Xavier Cathedral, Seal Rock, live lobster factory, Ultimate Watersports, the Point Moore Lighthouse and the phenomenal Houtman Abrolhos Islands located just off the Geraldton coast.

The magnificent HMAS Sydney II Memorial, completed in 2001, has become the country's premier site for honouring the 645 Australian sailors who were lost off the Western Australian coast during World War II.

If you want to learn more about the HMAS Sydney II and other historical shipwrecks, the Western Australian Museum tells the story of the Batavia,

Gilt Dragon, Zuytdorp, and Zeewijk.

Taking in more of the coastline features Geraldton's iconic Point Moore Lighthouse, which is a must-see, and if you're looking for a bit of adventure you can hit the ocean with a kayak, stand-up paddle board, jetski or jetpack with local business Ultimate Watersports.

A total of 122 islands make up the pristine Houtman Abrolhos Islands located just 60km off the Geraldton coast. They are accessible via aircraft and boat. An archipelago with crystal blue waters and an abundance of sea life, a visit to the Islands is a must. Known for the tragic Batavia story, the Islands are also recognised for cray fishing, pearls and bird and marine life. The surrounding reef communities are a meeting place for tropical and temperate sea life, forming one of the State's unique marine areas. Diving, fishing, snorkelling, photography and

bird watching - the Abrolhos Islands are truly spectacular.

We are also a central hub for people to explore the attractions of the wider Midwest region including the Mullewa Wildflowers, the amazing Kalbarri Gorges and Skywalk, the Pink Lake and the array of beaches up and down the coast.

The extraordinary Pink Lake needs to be seen to be believed. Otherwise known as Hutt Lagoon, the lake boasts a spectacular pink hue which attracts tourists from all over.

And not far from the Pink Lake is the wonderment of Kalbarri. Where the Murchison River meets the Indian Ocean, Kalbarri has soaring river and coastal gorges and protected swimming bays. The Kalbarri National Park features layers of coloured rock bed creating remarkable scenery and it is home to the iconic Nature's Window.



WORLD CLASS FACILITIES

Boasting world-class facilities, Geraldton is an easy place to live, progress your career or raise your family. Whether it is a great aquatic centre or one of the most beautiful Foreshores you've ever seen – we have it all from:

- The Geraldton Airport
- Geraldton Regional Art Gallery
- Aquarena (Multipurpose swimming facility)
- Geraldton Foreshore
- Geraldton Multipurpose Centre
- Queens Park Theatre

CONNECTIVITY

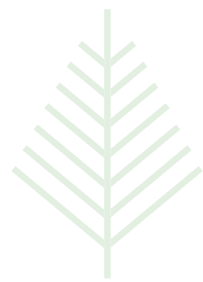
Internet and connectivity are second to none with Geraldton the first City in Australia to obtain the National Broadband Network.

With fibre to the home, Geraldton has the best internet coverage in regional WA with lightning fast internet speeds.

This ensures we have high-level global communications connectivity, with multiple broadband fibre trunk connections to Perth and the internet, with a strong established ICT support sector.



A
TECHNOLOGY
PRECINCT
IS BEING
DEVELOPED
AT THE
GERALDTON
AIRPORT



EDUCATION

Geraldton offers a variety of schooling and education options for the community to choose, from primary, secondary and higher education.

There are a total of 11 primary schools, three secondary schools and two K-12 (primary to secondary) schools.

We also have a diverse range of other educational and learning services in Geraldton, this includes Central Regional TAFE and the Geraldton Universities Centre.

Central Regional TAFE has three campuses situated in Geraldton, including the main hub of Central Regional TAFE, the Batavia Coast Maritime Institute (BCMI) and Technology Park.

The main campus offers training in industry simulated learning environments in the areas of health, education, community services, construction, building, rural industries, mining, metals, art, automotive,

hospitality, business, management, information technology and more.

BCMI is a state of the art training, research and development facility specialising in the areas of aquaculture, marine and environmental science research and training.

The range of partnerships and collaborations with industry allows the integration of industry, research and education throughout a broad range of fields, attracting students both locally and internationally.

BCMI offers nationally recognised qualifications Certificate I up to Diploma level in aquaculture, laboratory science, conservation and land management, marine and environmental science, as well as maritime qualifications.

Central Regional TAFE's newly built Technology Park delivers training and qualifications for trainees, apprentices, post trade, technicians and plant operators in occupations relating to the construction, operation and

maintenance of resource sector facilities, plant and equipment.

The Geraldton Universities Centre (GUC) is an independent, not-for-profit, incorporated body, supporting university courses in Geraldton on behalf of partner universities including CQUniversity and the University of Southern Queensland.

Courses delivered in mixed-mode form provide a blend of online curriculum, resources and activities together with face-to-face tutorials, laboratories and workshops provided by the GUC.

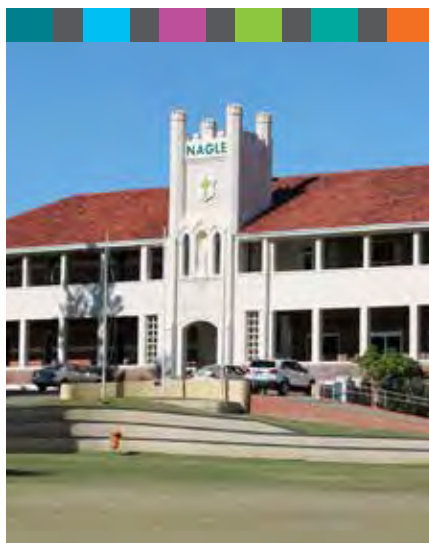
It also provides a direct connection with major universities in Perth.

Studies include everything from accounting, business, education, engineering, environmental science, nursing, psychological science and social work.

GUC also offers outstanding facilities and support to those wanting to study distance university courses.



TAFE Campus - Geraldton Airport



LIVING HERE

There has never been a better time to buy or rent a house in Geraldton.

Prices are extremely affordable with the median property price to buy at \$304,500 and median renting price \$260 per week*.

As a developing regional city, the State Government continues to invest in our community and new suburbs and developments continue to grow.

The suburb of Seacrest boasts new affordable housing with a brand new primary school and a shopping complex just a stone's throw away.

And if you have kids, rest assured the playgrounds do not disappoint!

The recently built, state of the art Youth Precinct on the Geraldton Foreshore is one of the best in WA.

With a strong and growing economy, there is no shortage of a range of different employment opportunities. Human Services hosts a number of different job prospects as do many of our booming industries.

Geraldton boasts two hospitals providing high-quality medical care and a range of health services including regular specialist visits.

Cancer patients can also be treated a lot closer to home with Geraldton's Midwest Cancer Centre, making chemotherapy and other treatment available to people in the region.

There is also no shortage of fire and emergency services with a brand new fire station located just an eight-minute drive from the Geraldton Airport.

**Stats from realestate.com.au*

“

GERALDTON
HAS ONE OF
THE HIGHEST
NUMBER OF
SUNSHINE
HOURS
PER DAY IN
AUSTRALIA

”



OUR EXCITING FUTURE

A bountiful and refreshing place to live, work, invest and play, Geraldton's population is forecast to grow more than 35%, with employment increasing by 50% by 2036.

With strong infrastructure and strong international linkages, our clean and green reputation for efficiency and productivity ensures our produce and resources are highly sought after.

Our City is led by a progressive Council supportive of economic

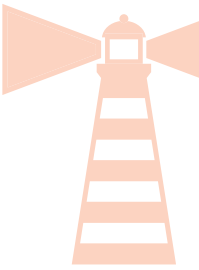
development and diversification with the comprehensive Growing Greater Geraldton Growth Plan.


The Geraldton community is inherently entrepreneurial, with the structures, resources and research to support new investors and projects.

We are a region with established and untapped resources with enormous capacity for growth to ensure a successful and vibrant future.



CITY OF GREATER
GERALDTON HAS
A FOCUS ON
TECHNOLOGICAL
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NEUTRAL
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City of
Greater Geraldton
a vibrant future

