

# 0100435

## Diploma of Aviation

### (Commercial Pilot Licence - Aeroplane)



NATIONALLY RECOGNISED  
TRAINING

RTO ID: 7006  
CRICOS: 03787B





# Course Overview

[CRICOS Course Code] Diploma of Aviation (Commercial Pilot Training - Aeroplane) is your first step towards making a career as a Pilot in Command.

A Commercial Pilot Licence will open many doors within the aviation industry, not just becoming a Airline Pilot. It will also give you the opportunity to teach others to fly, support emergency services with air transport and serve in the military. We understand that training is not a one size fits all business. That's why our course is designed to be flexible and applicable to all,

whether you have flight training or are a complete beginner this course will be a snug fit. It is designed to take you all the way from zero flight training to a qualified Commercial Pilot with a minimum of 155 flying hours.

At the completion of the course you will have advance aircraft knowledge that you will be able to apply in practical situations. You will also have built significant Solo and Pilot in Command hours

- General flight training is Monday - Sunday, 9am - 5pm.
- Some flight training will be scheduled outside of this as required according to the course syllabus and student progress.

## Upon successful completion students will achieve:

- 0100435 Diploma of Aviation (CPL - Aeroplane)
- Readiness to sit their Commercial Pilot Licence examination with CASA
- Passing grade for all 7 commercial theory subjects.

# Entry Requirements

- IELTS Level 5.5 with no paper below 5
- Minimum 18 years of age at the completion of the course
- Hold or ability to hold a Class 1 Medical\*
- Ability to hold an ASIC (Aviation Security Identification Card)

*\* Students will be accepted into the course whilst they are still applying for their Class 1 Medical. If, for whatever reason, a student is unable to obtain their medical, they will not be able to continue in the course. Students who choose to enrol without a completed medical, do so at their own discretion/risk.*

# Duration

## **Total Hours of Flight Training 155 hours**

The course is scheduled to be delivered over 52 weeks. Students are provided with an additional 2 months on completion of the syllabus to complete any remedial training that may have been postponed due to weather or maintenance.

# Holidays

The course includes 2 weeks of scheduled leave. Any additional leave possible subject to management approval.



# Units of Study

## 100435 Diploma of Aviation (Commercial Pilot Licence - Aeroplane)

### Core Units

AVILIC0003 Licence to operate a commercial aeroplane  
AVIO0017 Manage disruptive behaviour and unlawful interference with aviation  
AVIW0029 Implement threat and error management strategies  
AVIW0032 Operate and manage aircraft systems  
AVIY0033 Operate aircraft using aircraft flight instruments  
AVIY0034 Operate in controlled airspace  
AVIY0035 Operate in Class G airspace  
AVIY0036 Operate at non-towered aerodromes  
AVIY0037 Operate at a controlled aerodrome  
AVIY0040 Apply aeronautical knowledge to aviation operations  
AVIY0041 Apply the principles of civil air law to aviation operations  
AVIY0046 Execute advanced aeroplane manoeuvres and procedures  
AVIY0047 Manage abnormal aeroplane flight situations  
AVIY0054 Control aeroplane on the ground  
AVIY0055 Take off aeroplane  
AVIY0056 Control aeroplane in normal flight  
AVIY0057 Land aeroplane  
AVIY0058 Manage aircraft fuel  
AVIZ0006 Manage situational awareness in aircraft flight  
AVIE0006 Maintain aircraft radio communications  
AVIF0026 Implement aviation risk management processes  
AVIF0027 Implement aviation fatigue risk management processes  
AVIF0029 Implement threat and error management strategies  
AVIF0030 Manage safe flight operations  
AVIF0033 Manage aircraft passengers and cargo  
AVIF0035 Manage human factors in aviation operations  
AVIH0010 Plan a flight under visual flight rules  
AVIH0014 Navigate aircraft under visual flight rules

### Elective Unit

AVIN0004 Supervise and manage safe flight operations as pilot in command

## Delivery Methods

- Ground theory – this involves CASA endorsed flight instructor led institution based classroom delivery, workshops, seminars, tutorials and case studies.
- Practical In-Flight Training
- Flight Simulation
- Briefings

## Mode of Study

- All training is delivered face to face on campus at our training facilities in Bacchus Marsh.

## Assessment Methods

- Practical Demonstrations & Verbal Q&A
- Written Exams
- Assignments
- CASA Pexco Examinations (CPL Theory Subjects, BAK)



# Course Syllabus

## Phase 1

### Ab-Initio Training Recreational Pilot Licence

You will start your diploma with Phase 1 - Ab Initio training. This training will cover your Ab Initio flight training, as well as basic ground theory. Upon the completion of this phase we will take you from no experience all the way to a Recreational Pilot Licence level in 11 weeks.

## Phase 2

### Private Pilot Licence

This phase will see you start on the path to your private pilot training. Over these 11 weeks you will start your commercial pilot theory exams. You will also complete some of your flying hours in our Piper Warrior.

Phase	Dual Hours	Solo
Phase 1 - Ab Initio	25.5	5.0
Phase 2 - Private Pilot Licence	23.5	5.0
Phase 3 - Hour Building and Theory 1	5.0	25.0
Phase 4 - Hour Building and Theory 2	0	25.0
Phase 5 - Commercial Flight Training	26.0	10.0
<b>Totals</b>	<b>80.0</b>	<b>70.0</b>

## Phase 3 & 4

### Hour Building and Theory

This study period, stretched over 20 weeks, will see you complete the remaining commercial theory exams. It will also see you build a significant portion of your solo hours.

## Phase 4

### Commercial Flight Training

Almost at the finish-line... The final phase is dedicated to giving you the best preparation for your Commercial Pilot flight test. You will complete your final flying hours as well as a pre test with one of our instructors and any consolidation of training that is needed.

Hous	Simulator	Aircraft
0	1	Piper Warrior/Archer PA28
0	1	Piper Warrior/Archer PA28
.0	0	Piper Warrior/Archer PA28
.0	0	Piper Warrior/Archer PA28
.0	3	Piper Arrow PA28R
.0	5.0	



# Theory

As part of your Commercial Pilot training you are required to complete 7 theory subjects. These subjects cover a range of training aspects and give you a detailed explanation of the theory behind your practical learning. These subjects are completed over phases 3 and 4 as full time study.

## Meteorology

Meteorology as an Aviation subject provides a detailed awareness of weather occurrences and the application of operational forecasts.

## Navigation

Involves planning the movement of an aircraft from a departure point to a destination and all things in between.

## Performance & Loading

Aircraft performance and loading involves making calculations based on a range of variables that affect the way the aircraft operates.



## **Air Law**

Covers the regulations and legislations that embody the civil aviation industry within Australia.

## **AGK**

Advanced General Knowledge covers the aircrafts systems, operating procedures and limitations

## **Aerodynamics**

Aerodynamics is the study of forces and the resulting motion of the aircraft through the air.

## **Human Factors**

The study of human interaction with systems in a range of environmental conditions. You will learn about human capabilities and limitations.

Students must achieve a successful grade in each of the CASA exams before they are able to sit their Commercial Pilot Licence Flight Test.



# Fee Schedule

Phase	Cost
Deposit	\$10,000
Phase 1	\$18,000
Phase 2	\$18,000
Phase 3	\$18,000
Phase 4	\$18,000
Phase 5	\$18,000
<b>Total</b>	<b>\$100,000</b>

## Tuition Inclusions

- Flight Training Hours
- Commercial Theory Subjects
- Ground Theory and Briefings
- Assistance with Visa and Travel Arrangements
- First Attempt at PEXO CPL and RPL Examinations

## Cost Exclusions

- Navigation Computer
- Navigation Ruler
- Protractor
- Logbook
- Textbooks
- First Issue ERSA
- CASA PEXO CPL and RPL Examination (Beyond First Attempt)
- Training Aircraft Manual
- DAPS East
- AIP
- First Issue of Charts: ERC, VTC, VNC, WAC & PCAb
- Remedial Flight Training

For further information on our fees, charges and refunds policy, please refer to our International Student Handbook.

# Facilities, Materials & Resources

## Course Materials and Resources

For successful completion of this course each student will have access to:

- Classrooms fitted with TV's, desks, chairs and whiteboards.
- Private briefing rooms fitted with TV's.
- TVSA's Library of Resources, which includes
  - Manuals and Charts
  - Flight training manual
  - ATC resources
  - Digital copies of aircraft manuals

## Campus Facilities

Students have access to the following campus facilities:

- Accommodation (limited availability)
- Kitchen and dining
- Bathrooms
- Laundry

## Aircraft

Students will have the opportunity to fly a range of aircraft types in our 17 aircraft strong fleet. Below are the main aircraft used for training in this course.



Piper Archer (PA28)



Piper Warrior (PA28)



Piper Arrow (PA28R)



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