



AVI50408 **Diploma of Aviation**

(Instrument Flight Operations)

NOTE: This qualification is no longer open for enrolment, any information provided below is only for reference.

Overview

Please note: Due to recent changes to national training requirements, this course has been superseded by AVI50415 Diploma of Aviation (Instrument Rating) and train out and certificate issue must be complete by May 2017.

A specialist qualification for the aviation industry, this exciting course equips you with the skills you need to become employed with a charter or airline company. As well as becoming an expert in complex technical flight operations, you will learn to select appropriate equipment, participate as part of a team, solve problems and develop strategic initiatives.

This qualification reflects the roles of flight crew personnel operating in support of commercial or Defence aviation flight operations. Flight crew duties include applying technical and non-technical aviation skills and knowledge to a wide range of air transport operations, including passenger, charter and cargo operations while operating aeroplanes or helicopters under the instrument flight rules (IFR).

Individuals working at this level will apply knowledge and skills to demonstrate autonomy, judgement and defined responsibility in known or changing contexts within broad but established parameters.

This aviation qualification forms some of the requirements for an Instrument Rating certification by the Civil Aviation Safety Authority (CASA) as directed by Civil Aviation Safety Regulation (CASR) Part 61 Flight crew licensing. People seeking certification should check these requirements with CASA. Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

You'll learn to:

The command instrument rating allows you to fly in most weather conditions. The training involves flying by reference solely to instruments to fly both en-route and safely conduct various approach types without external visual references. An essential rating for airline employment or charter operations. You will also learn to:

- Plan a flight under Instrument Flight Rules
- Navigate aircraft using only flight instruments
- Operate and manage aircraft systems
- Conduct full and limited instrument panel manoeuvres
- Perform instrument arrivals and departures
- Perform a GNSS instrument approach

What's Included

The following is included in the course (and can be covered under VET FEE-HELP scheme, eligibility criteria applies).

- Flight training (Dual, Solo & Simulator)
- Flight hours: Both real plane flying hours and simulator hours are included in the cost of this course.
- Aircraft type endorsements on Cessna, Piper, Cirrus and Beechcraft aircraft
- Aircraft hire & Fuel (For Diploma Study)
- Pre flight briefings
- Post flight de-briefings
- Theory courses
- Access to a headset
- Access to the IREX Textbook information*
- Access to Maps and Charts*

*Students may purchase these resources for their own use at their own cost.

Career Opportunities

This qualification reflects the ability to become employed with a charter or commercial airline company utilising skills of multi-engine and instrument rating. Other career options also include, but not limited to:

- Flight instructor
- Aero Medical Pilot (Care flight, Royal Flying Doctors)
- Military Pilot (Airforce, Army, Navy)
- Agricultural Pilot
- Search and Rescue
- Surveillance

Location

Training is conducted at

- Australis Aviation College, Building 25 Qantas Avenue, Archerfield Qld 4108.
- Aero Dynamic Flight Academy Sunshine Coast, 4 Friendship Ave, Sunshine Coast Airport, Marcoola 4564.
- Aero Dynamic Flight Academy Hervey Bay, Hervey Bay Airport, 119 Don Adams Drive, Urangan Qld 4655

Accreditation

This qualification is nationally recognised under the Australian Qualification Framework (AQF).

Duration & Cost

We allow approximately 42 weeks for PPL holders and 15 weeks for CPL holders to complete the course, although you may be able to complete faster than that depending on how much time you commit to your studies and you fulfil the requirements of this course. Final training schedules for this course are currently being confirmed.

There are two options for payment:

- [VET FEE-HELP](#) (eligibility requirements apply)
- [Payment Plans](#)

Entry Requirements

Prerequisites

Whilst there are no prerequisites according to the Training Packaging Rules, the Civil Aviation and Security Association (CASA) state that learners should be able pass the aviation English proficiency at level 6, in addition they suggest they have a reasonable grasp of mathematics. Therefore there is no evidence required as part of the enrolment process, but these points are discussed with the potential student to ensure their awareness of these skills in order to achieve a CASA licence outcome in addition to completing the Diploma course.

Students of this course must have:

- A current class 1 (as applicable to PPL and CPL) Aviation Medical*

And either a:

- CASA issued Private Pilots Licence (PPL) to undertake the approximately 42 week course.
- CASA issued Commercial Pilots Licence (CPL) are eligible to undertake the approximately 15 week course.
- AVI40108 – Certificate IV in Aviation (Commercial Pilot Aeroplane Licence) are eligible to undertake the 15 week course.

In addition to participate in the course students will also require:

- English to IELTS Level 6 and a reasonable grasp of maths
- ASIC Security Clearance*
- A good watch with a clear face and a sweeping second hand*
- Uniform**

An LLN Core Skills Pre-Assessment may be conducted by the Student Support Manager in order to offer the correct level of support that is needed to graduate from the course. Additionally, students are required by CASA to hold speaking level 6 and a reasonable grasp of maths to qualify for their CASA licences.

As of 1st January 2016 if you are applying for a VET FEE-HELP loan, you will need to produce a copy of your Australian Year 12 senior secondary certificate of education prior to enrolment.

If you are unable to produce this certificate, did not graduate secondary school and gain a certificate, or graduated overseas, you will be required to undertake a Language, Literacy and Numeracy (LLN) assessment, regardless of your education level and background.

[Click here for more about our student enrollment process.](#)

* Students are required to provide these at their own expense prior to course enrollment.

** These items will be purchased by the student at their own expense when advised by the trainer throughout the course.

How do I Register my Interest?

Our process is easy. You may register your interest now with our friendly team who can further answer any questions about this aviation qualification and guide you on the next steps on your aviation career. Simply;

- [Click here to fill out our contact form](#), or
- Contact us by phone on 1800 737 700

Please note: If you have been referred to us by a 3rd party provider, and have any doubts about information they have provided to you, please read about our 3rd party agreements and code of conduct. You may also be contacted by Australis College or their partners by email in relation to your request and you can unsubscribe at any time.

(* Conditions Apply)

Subject list for AVI50408 Diploma of Aviation (Instrument Flight Operations)

In order to obtain this qualification with Australis College, you must successfully complete the following 10 units of competency.

The course is structured so that full-time students are to attend class for 38 hours plus outside self-directed study each week and part-time students are to study for 18 hours per week, in a schedule agreed with the campus.

Timeframe and Units of Competency for Current PPL Holders – approximately 40 weeks in total.

	Unit of Competency	Unit of Competency Code
Stage One	Conduct full instrument panel manoeuvres	AVIY5020A
	Conduct limited instrument panel manoeuvres	AVIY5021A
	Operate and manage aircraft systems	AVIW5018A
Stage Two	Perform an instrument arrival	AVIY5025A
	Perform instrument departure – non published procedure	AVIY5027A
	Perform visual circling approach	AVIY5033A
Stage Three	Navigate aircraft – IFR	AVIH5017A
	Perform non-directional beacon (NDB) instrument approach	AVIY5034A
	Perform VHF omni-directional radio range (VOR) instrument approach	AVIY5035A
	Plan a flight under Instrument Flight Rules (IFR)	AVIH5016A

Timeframe and Units of Competency for Current CPL Holders – Approximately 15 weeks in total.

	Unit of Competency	Unit of Competency Code
Stage One	Conduct full instrument panel manoeuvres	AVIY5020A
	Conduct limited instrument panel manoeuvres	AVIY5021A
	Operate and manage aircraft systems	AVIW5018A
Stage Two	Perform an instrument arrival	AVIY5025A
	Perform instrument departure – non published procedure	AVIY5027A
	Perform visual circling approach	AVIY5033A
Stage Three	Navigate aircraft – IFR	AVIH5017A
	Perform non-directional beacon (NDB) instrument approach	AVIY5034A
	Perform VHF omni-directional radio range (VOR) instrument approach*	AVIY5035A
	Plan a flight under Instrument Flight Rules (IFR)	AVIH5016A

* AVIY5035A Perform VHF omni-directional radio range (VOR) instrument approach is provided as it is holistically studied and assessed as part of AVIY5034A Perform non-directional beacon (NDB) instrument approach and is required as part of CASA pilot licence issuance. Completion of this unit of competency results in the issue of a Statement of Attainment and is additional to the Diploma qualification.

For students entering with a PPL and wishing to be awarded the CPL at the appropriate point in the course additional CASA testing license fees will apply. These are not included in the course and cannot be covered by VET FEE-HELP, for associated costs and age restrictions for CASA examinations please refer to CASA via www.casa.gov.au.

Assessment is conducted in accordance with the Principles of Assessment and Rules of Evidence.

Find out more about this aviation qualification at training.gov.au.

Combine Theory with Practical Flight Time.

Training will be delivered primarily face-to-face with a self-study component, and examination for CASA requirements. Training and assessment delivery is Queensland only, based at:

- Archerfield Aerodrome
- Sunshine Coast Airport
- Hervey Bay Airport

The course is structured so that full-time students are to attend class approximately 38 hours per week in class and practical sessions with additional self-paced learning, web forums and research outside of class.

Included in the practical sessions:

- Use of multi-engine planes
- Use of flight simulator

All training and assessment of this qualification will be conducted by authorised aviation partners of Australis Aviation College.

Students entering this qualification with a PPL will study units to obtain an instrument flight rating as well as supporting the education for external CASA CPL licensing and IREX examinations.

Students entering this qualification with a CPL / AVI40108 – Certificate IV in Aviation (Commercial Pilot Aeroplane Licence) will study units to obtain an instrument flight rating as well as supporting the education for external CASA IREX examinations.

Previous CASA examinations may also be used as evidence of competency. Assessment is conducted in accordance with the Principles of Assessment and Rules of Evidence.

Students will be allowed two attempts to pass each assessment. Any further assessments and practice activities may incur additional costs to the student. These can be covered under VET FEE-HELP up to the current VET FEE-HELP loan limit, beyond that it will be a cost to the student.

Please be aware that while elements of training may be provide by authorised aviation partners, Australis College (31518) is responsible for the course and issue of all Statements of Attainment and Diploma Certificates.