



AVI50415 Diploma of Aviation (Instrument Rating)

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

Overview

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 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 global navigation satellite system (GNSS) instrument approach



What's Included

The following is included in the course:

- 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

Locations

Training is conducted at:

- Aero Dynamic Flight Academy Sunshine Coast, 4 Friendship Ave, Sunshine Coast Airport, Marcoola 4564.
- Flight One Building 25 Qantas Avenue, Archerfield Aerodrome Qld 4108.

Accreditation

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



Duration & Payment Options

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.

Options for payment:

- Payment Plans

For further information for course costs please refer to the Australis College website. Please note course costs will vary depending upon entry level and Units of Competency selected to study.

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**

* 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 1300 887 991

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)

Course Structure

In order to obtain this qualification with Australis College, you must successfully complete the following 13 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, in a schedule agreed with the campus.

Timeframe and Units of Competency for Current PPL Holders – approximately 42 weeks in total.

	Unit Of Competency Description	Unit of Competency Code
Stage 1	Operate aircraft using aircraft flight instruments	AVIY0001
	Plan a flight under instrument flight rules	AVIH0005
Stage 2	Operate aircraft in the traffic pattern at night	AVIY5024
	Perform non published instrument departure procedures	AVIY5027
	Perform published instrument departure procedures	AVIY5028
	Perform instrument arrival and standard arrival route procedures	AVIY0022
	Conduct a 2D instrument approach	AVIY0013
	Conduct a 2D global navigation satellite system non-precision instrument approach	AVIY5038
	Navigate aircraft under instrument flight rules	AVIH5017
	Perform visual circling approach	AVIY5033
	Operate Multi Engine Aeroplane	AVIY5023
Stage 3	Manage safe flight operations	AVIF0008
	Operate and manage aircraft systems	AVIW5018
	Implement threat and error management strategies	AVIF0007



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

	Unit Of Competency Description	Unit of Competency Code
Stage 1	Operate aircraft using aircraft flight instruments	AVIY0001
	Plan a flight under instrument flight rules	AVIH0005
Stage 2	Operate aircraft in the traffic pattern at night	AVIY5024
	Perform non published instrument departure procedures	AVIY5027
	Perform published instrument departure procedures	AVIY5028
	Perform instrument arrival and standard arrival route procedures	AVIY0022
	Conduct a 2D instrument approach	AVIY0013
	Conduct a 2D global navigation satellite system non-precision instrument approach	AVIY5038
	Navigate aircraft under instrument flight rules	AVIH5017
	Perform visual circling approach	AVIY5033
	Operate Multi Engine Aeroplane	AVIY5023
	Stage 3	Manage safe flight operations
Operate and manage aircraft systems		AVIW5018
Implement threat and error management strategies		AVIF0007

* AVIY5023 Operate a multi-engine aeroplane is provided and can be holistically studied based on the student preference of aircraft type endorsement, and therefore can be assessed as part of 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.

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

Combine Theory with Practical Flight Time

In order to obtain this qualification with Australis College, you must successfully complete the following 13 units of competency.

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 Instrument Rating 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 Instrument Rating Examinations.

The CASA exams will also be used during the diploma course to gather VET Evidence of competency and will be fully mapped to show items crossed over. – A passed exam result from CASA with knowledge deficiency areas will be subject to further summative testing to close out knowledge deficient areas, to confirm full competency. The cost of these exams will be covered through the course cost at first attempt.

Note: Remedial flights are not covered under VET FEE-HELP (for any students still utilising this method of payment); students who require further training to be deemed competent under the CASA syllabus will be required to cover this at their own expense with the flight training provider.

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