

AVI50415 Diploma of Aviation (Instrument Flight Operations)

Introduction

Amber Aviation Academy is a Registered Training Organisation (RTO number XXXXX) registered with the Australian Skills Quality Authority. Amber Aviation Academy is proud to offer the AVI50415 Diploma of Aviation (Instrument Flight Operations) as 16-week full time program. The program involves both scheduled classroom briefings, sim lessons (flight training device) and flight training and assessment. This program provides learners with skills and knowledge required to obtain a Multi Engine Aircraft class rating and an initial Multi Engine Command Instrument Rating (MECIR) with IAP 2D and 3D endorsements. This Rating is a requirement if you wish to pursue a career in the aviation industry as a pilot operating under Instrument Flight Rules.

This qualification reflects the role of pilots in a range of operations such as Charter, Aerial Work and Air Ambulance.

Who is responsible for your training?

Amber Aviation Academy is responsible under the National Vocational Education and Training Regulator Act 2011 for the quality of the training and assessment being delivered in this course and for the issuance of all AQF certificates.

Units of Competency

The AVI50415 Diploma of Aviation (Instrument Flight Operations) comprises 18 units of competency. Amber Aviation Academy have organised these units of competency into relevant clusters relating to shared skills and knowledge or shared work tasks. This results in an efficient delivery of training and assessment and a structure that is very logical for learners.

To be issued the qualification AVI50415 Diploma of Aviation (Instrument Flight Operations) a learner must be assessed as competent in 18 units of competency. These units of competency are comprised of 12 core units and 6 elective units. Amber Aviation Academy have selected the elective units of competency within this course and have chosen these based on providing the learner a broad set of skills with a focus on providing the student the ability to carry out all types of instrument approaches. The selected units of competency are also supported by the learning content within the prescribed text.

The selection of these units of competency and the course structure has been confirmed through industry engagement undertaken by Amber Aviation Academy.

The AVI50415 Diploma of Aviation (Instrument Flight Operations) is delivered using the course structure outlined below:

Clusters	Unit(s)
<p>These units are clustered as they all can be considered as part of a single Instrument Flight. They will be delivered together and assessed together both in the Simulator and in Flight.</p>	<ul style="list-style-type: none"> – AVIF0007 Implement threat and error management strategies – AVIF0008 Manage safe flight operations – AVIH0005 Plan a flight under instrument flight rules – AVIH5017 Navigate aircraft under instrument flight rules – AVIW5018 Operate and manage aircraft systems – AVIY0001 Operate aircraft using aircraft flight instruments – AVIY0013 Conduct a 2D instrument approach – AVIY0022 Perform instrument arrival and standard arrival route procedures – AVIY5024 Operate aircraft in the traffic pattern at night – AVIY5027 Perform non-published instrument departure procedures – AVIY5028 Perform published instrument departure procedures – AVIY5033 Perform visual circling approach – AVIY0014 Conduct a 3D instrument approach – AVIY5023 Operate a multi-engine aero plane – AVIY5035 Conduct a 2D very high frequency omni-directional radio range instrument approach – AVIY5036 Conduct a 3D instrument landing system instrument approach – AVIY5037 Conduct a 2D distance measuring equipment global navigation satellite system instrument approach – AVIY5038 Conduct a 2D global navigation satellite system non-precision instrument approach

National recognition

These competencies have been drawn from the CASA Part 61 MOS. On successfully completing the training and assessment, the AVI50415 Diploma of Aviation (Instrument Flight Operations) qualification will be issued. A transcript listing all units of competency will also be issued. The qualification and units of competency are nationally recognised and provide individuals with a valuable qualification that can be applied throughout Australia. Amber Aviation Academy will issue a qualification within 30 days of the final CASA assessment being completed.

Program outline

Training is delivered in a blended mode of classroom based delivery simulator and flight training. Written learning activities will reinforce theoretical knowledge, and skills will be practiced and assessed in the simulator and flight training. The course modules (clusters) are sequenced in a way that allows a logical progression. Participants will be provided with professionally presented reference material to assist them to develop their knowledge of the subject.

Locations

Classroom training, simulator and flight training will be delivered at the following locations:

- **Classroom Training Site:** Amber Aviation Academy, Essendon Airport
- **Practical Training Site:** Amber Aviation Academy, Essendon Airport

Expected Duration

The program is designed to be delivered over 13 weeks. Amber Aviation Academy is able to support participants that need additional time. Alternatively, participants who have pre-existing skills and knowledge may be able to complete the course in a shorter duration if RPL is recognised.

Assessment Requirements

The assessment is conducted using a combination of in-house and CASA knowledge tests. The following provides a brief explanation of the assessment methods that are to be applied:

- **Knowledge Test.** The student is required to undertake a number of written knowledge tests over the course of his or her study. These tests will be provided to the student by the assessor at an arranged time and the student will be required to individually

complete the test.

- **Flight Test.** The student is required to undertake a flight test which will be conducted by CASA or an independent Flight Examiner.

Practical (work) placement

Although Amber Aviation Academy conducts training in a workplace environment, it currently does not provide practical (work) placement.

Entry requirements

Amber Aviation Academy requires persons who undertake this course to have the following:

- Class 1 Aviation Medical.
- ASIC (Aviation Security Identity Card).
- Aviation English Language Proficiency (Minimum ICAO level 4).
- Current Commercial Pilot License.

Recommended: - Night VFR Rating

Please note. Amber Aviation Academy will engage with persons expressing interest in enrolment to discuss their language, literacy and numeracy skills. Amber Aviation Academy can provide additional learning support to students who require basic assistance.

Entry requirements

Applicants can apply for recognition of their existing skills and knowledge that are relevant to the units of competency within the program. These skills and knowledge may have been obtained through workplace training or experience and may reduce the number of units required to be completed during the program. Students are encouraged to notify Amber Aviation Academy of their interest or intention to apply for RPL prior to their enrolment. We will provide you a pre-training review questionnaire that gathers information about your prior experience. This information is then used to determine the best pathway for you to achieve competency.

Student Information

Detailed student information is available within our Student Handbook which is supplied with the enrolment package. This booklet contains important information about a student's rights and obligations such as their right to privacy, a safe training environment and the right to complain or

appeal an assessment decision. It is important that persons applying for enrolment have had an opportunity to review this information first. Please contact us and we can send this information to you straight away.

Dress and Equipment Requirements

Students are required to present to class in a white shirt with epaulettes, navy blue trousers, navy blue tie and black shoes. Female students may wear a navy-blue skirt.

Student will require basic stationary and a notebook according to their own study preferences during classroom learning sessions and their own self-paced study. Access to a computer which has an internet connection is recommended to assist students to undertake study and research in response to some assessment tasks.

Students may bring portable electronic devices to classroom sessions such a small laptop or ipads if they wish. Students are advised that no provision will be made to charge these devices in the classroom and charging or power extension leads are not to be used in the classroom. Students are issued with prescribed text books to assist with their study. For text books, refer to Student Handbook.

Student Information

This course is available on a fee for service arrangement. The current cost can be found in our Fee Schedule along with details of refund rights and obligations.

Contact us and get the ball rolling!

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