



Flight Academy Australia
Training and Assessment Strategy
AVI50516 Diploma of Aviation (Flight Instructor)

Purpose of a training and assessment strategy

This training and assessment strategy is used to advise third parties of the structure our course delivery and assessment. It is a document that specifies the training sequence and the factors that impact upon it. It also specifies the time that students are to undergo assessment.

In this qualification, most of the requirements are specified by the additional regulations provided by the Civil Aviation Safety Authority. ASQA provide their regulatory approach for the educational content whilst CASA regulates flying activities.

Target Group:

This qualification is suited to those local and international students who already hold a Commercial Pilot's Licence and wish to gain a Flight Instructor Rating.

Course overview

A specialist qualification for the aviation industry. Successful completion will require competency in units that relate to work defined as aligned at a Diploma level. This qualification has been structured to align with licensing and regulatory requirements applicable to flight instruction as specified by the training package which meet the criteria specified by the Civil Aviation Safety Authority, and therefore allows licence endorsement with a Flight Instructor Rating.

Duration:

AVI50516 Diploma of Aviation (Flight Instructor) is generally delivered over 29 weeks of 20 hours per week face to face training.

Review Date: 2020

Location of training

All face to face classroom training is conducted at the Flight Academy Australia base at Main Terminal Essendon Airport Victoria Australia. All simulator training is conducted on the simulator there. All one on one pre-flight briefing and post flight briefings are conducted in the briefing suites at Flight Academy Australia base at the Main Terminal Building Essendon Airport Victoria Australia.

Transitioning arrangements

The Chief Flying Instructor is responsible for ensuring the management of the students into the new course if offered when available. This will include:

- Consultation with appropriate industry personnel to ensure relevance
- Ensuring new package is included on scope of registration
- Rewriting and validation of assessment tools
- Rewriting and validation of learning materials
- Rewriting and validation of this learning and assessment strategy
- Training or upskilling of the trainers to the new course
- Writing a new trainers matrix

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Entry Requirements

The entry requirements for participants in the AVI50516 Diploma of Aviation (Flight Instructor) are listed below:

- Hold AVI50215 Diploma of Aviation (Commercial Pilot Licence - Aeroplane) or equivalent.
- Current CASA Commercial Pilots Licence
- at least 200 hours' flight time as a pilot;
- at least 100 hours' flight time as pilot in command

Identifying Student Needs

Student needs are declared by the applicant at the time of enrolment: the application form allows the applicant to self-declare where they have learning disabilities. Every student is interviewed either face-to-face or over the phone to attempt to establish the applicant skill and knowledge levels, their current employment and how that relates to the course content and interaction.

During consultation, it may be identified that students could have needs related to meet Aviation English and will be assessed and monitored before, during and after training to ensure that the student's needs are being met.

Resources

Resources available for this course include:

- Aviation Theory Centre CPL Kit
- Navigation Ruler, Protractor and Navigation Computer
- ERS(A), AIP, CAO, CAR
- Headset, Fuel Drain, Licence Holder, Logbook
- Whiteboard, Computers, Desks and Chairs, Overhead Projector, Screen
- Synthetic Flight Trainer ("Sim")
- Aeroplanes

Legislative Requirements

- Civil Aviation Regulations, Safety Regulations and Civil Aviation Orders
- Requirements, standards and recommended practices of the International Civil Aviation Organisation
- Instructions of local airport authorities and air traffic services
- Relevant national, State emergency services regulations
- Australian and International Dangerous Goods Code including:
 - IATA's 'Dangerous Goods by Air' Regulation
 - Australian and International Explosives Codes

Delivery Strategies

Ground School

- Theory Manual
- PMI Course
- Classroom Briefings (approx. 100 hours)

Instructor Flight Training

36.5 hours of dual flying with a Grade I Instructor including:

- 36.5Hours Piper Warrior
- 1.0 Hours Cessna 152
- Landing Fees (36)
- Movement Fees (33)

Flight Test and CASA Flight Examiner Fees

- 2.0 Hours Solo Rate (PA28)

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-1x Flight Examiner Fee

There are three delivery modes utilised for this course as follows:

- Ground theory involves CASA endorsed Flight Instructor led institution based classroom delivery, workshops, seminars, tutorials and case studies.
- Practical in-flight training supports and confirms the assimilation of relevant knowledge and skills theory.
- Simulator training involves extensive simulation of a variety of weather types and other physical variations to enable students to familiarise themselves with aircraft instrumentation and navigation systems

Qualification Structure

Aspects of the course require determination of underpinning knowledge through written assessments, observation of in-flight skills and the practical demonstration of appropriate flying skills. The qualification consists of 10 core units plus 6 elective units and competency must be demonstrated in all 16 for the issue of a qualification.

#No	Unit Code	Unit Name	Core/Elective	Hrs
1	AVIF0004	Implement aviation risk management processes	Elective	40
2	AVIM5008	Conduct flight review	Core	20
3	AVIM5002	Conduct aeronautical knowledge training	Core	60
4	AVIM5003	Conduct flight training	Core	60
5	AVIM5001	Operate a simulator	Elective	40
6	BSBCMM401	Make a presentation	Elective	30
7	BSBLED501	Develop a workplace learning environment	Elective	60
8	TAEASS301	Contribute to Assessment	Elective	10
9	TAEASS401	Plan assessment activities and processes	Core	40
10	TAEASS402	Assess competence	Core	25
11	TAEASS403	Participate in assessment validation	Core	35
12	TAEDEL401	Plan, organise and deliver group-based learning	Core	30
13	TAEDEL402	Plan, organise and facilitate learning in the workplace	Core	25
14	TAEDES401	Design and develop learning programs	Core	50
15	TAEDES402	Use training packages and accredited courses to meet client need	Core	25
16	TAETAS401	Maintain training and assessment information	Elective	40
			Total	590

Volume of Learning

The volume of learning allocated to the AVI50516 Diploma of Aviation (Flight Instructor) includes:

- Face-to-face learning
- Simulator based learning
- Home study activities
- General flight time including formative assessments
- Assessment preparation and submission

The volume of learning for a Diploma level qualification is 52-104 weeks at 20 hours per week.

All teaching, learning and assessment activities are required to be undertaken by the targeted student to achieve the learning outcomes of this qualification. If students have previous relevant experience, where RPL is awarded, the total volume of learning may be reduced below the Australian Qualifications Framework Indicators.

For this qualification:

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1. Delivery is face-to-face and workplace-based under supervision by a qualified Flight Instructor Grade 1 with flight sequences conducted according to the normal Flight Academy Australia processes of booking, pre-flight and post-flight briefings.
2. Students are also required to commit to unsupervised home study consisting of independent research, assessment preparation and independent review of delivery material. (unsupervised hours)
3. The total number of hours from supervised hours and unsupervised hours will equal the volume of learning required for the student to achieve the learning outcomes for this qualification.

	Hours
Face-to-Face Learning and assessment	590
Simulator training and assessment	0
Flying time preparation, flying and debrief	60
Home study (Unsupervised)	570
Total Volume of Learning	1220

**Note: this course duration does not include breaks. Breaks are specified in the Delivery and Assessment Schedule*

Trainer and Assessor Requirements

Flight Instructors who are the trainers and assessors within the qualification will require the following to be able to train and assess in this qualification:

- TAE40110 Certificate IV in Training and Assessment or
- Hold AVI50215 Diploma of Aviation (Commercial Pilot Licence - Aeroplane) or equivalent.
- Hold AVI50410 Diploma of Aviation (Instrument Rating) or equivalent
- Hold AVI50516 Diploma of Aviation (Flight Instructor)
- Commercial Pilot's Licence with Instrument rating
- Flight Instructor Grade 2 and above Endorsement
- relevant vocational experience
- Continuing professional development
- Industry currency within the flying school industry.

For this course, the following Flight Instructors are deemed competent to instruct

- Michael Lanza

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Assessment Strategy

Assessments conducted within this course will follow the format determined by the Civil Aviation Safety Authority and will be designed to address both the theoretical and practical aspects of the units of competency. The final assessment is undertaken by a CASA-approved Approved Testing Officer.

The underpinning knowledge of this course shall be confirmed through written progress and online tests, simulator time and in-flight demonstration/observation of flying skills.

Formative assessment is performed by the flight instructors throughout the course. A summative assessment is undertaken with an Approved Testing Officer towards the end of the course. The emphasis is on holistic assessment against competencies to assess knowledge, skills and attitude, rather than a checklist of atomistic approach.

		Written/ Verbal questions	Flight Observation simulator	Flight tests
AVIF0004	Implement aviation risk management processes	✓	✓	✓
AVIM5001	Operate a simulator	✓	✓	✓
AVIM5002	Conduct aeronautical knowledge training	✓	✓	✓
AVIM5003	Conduct flight training	✓	✓	✓
AVIM5008	Conduct flight review	✓	✓	✓
AVIM5001	Operate a simulator	✓		✓
BSBLED501	Develop a workplace learning environment	✓		✓
TAEASS301	Contribute to Assessment	✓		✓
TAEASS401	Plan assessment activities and processes	✓		✓
TAEASS402	Assess competence	✓	✓	✓
TAEASS403	Participate in assessment validation	✓		
TAEDEL401	Plan, organise and deliver group-based learning	✓		
TAEDEL402	Plan, organise and facilitate learning in the workplace	✓		
TAEDES401	Design and develop learning programs	✓		✓
TAEDES402	Use training packages and accredited courses to meet client need	✓		✓
TAETAS401	Maintain training and assessment information	✓		✓

Context of Assessment

Assessments will be conducted in aircraft or a simulated aircraft (“sim”) where students will have access to appropriate equipment and resources, organisational and any legislative/regulatory/licensing documentation. Students will need to demonstrate that they can work safely and effectively in a n aircraft and general aviation environment. They will need to demonstrate understanding of legislative requirements and workplace policies and procedures when caring for aircraft and flying aircraft.

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Formative assessments are conducted during training as written questions, on line tests, formative assessments in preparation for the summative assessments. This allows scaffolding of student skills and enhances student completion rates.

It is expected but not mandatory that the student undertakes the formative assessments prior to completing the summative assessment. (Formative assessments are practice assessments used to confirm student assimilation of knowledge and to prepare them for the summative assessment to follow. Formative assessments are also more repetitive to ensure the student can apply the required skills in a diversity of contexts and to allow for input, critique and mentoring by instructors and peers.).

Summative assessments cover learning that has occurred over a period of time and are written to allow students to answer questions and perform tasks in the context of the real child care centre or home day care environment. A competency determination is made after evidence is gathered, based on practical application of skills and/or knowledge.

Recognition of Prior Learning (RPL)

Nationally Recognised Training Qualifications and Statements of Attainment are recognised through the Recognition of Prior Learning (RPL) and Credit Transfer process. Students are required to submit verified previous training records and evidence of work and life experience that they consider to be relevant to the units being undertaken.

Validation of assessment tools

The Chief Flying Instructor or the Chief Pilot, as appropriate conducts two assessment review meetings attended by all assessors. The first meeting, held in week 2 of the program, confirms the evidence gathering techniques and the required standards of performance are appropriate for the student. The second meeting held one week after the program concludes, focuses on reviewing assessment tools and decisions made. Records of Trainer Assessment Review meetings are kept.

Assessment Guides from the national training package and as specified by CASA are utilised.

Moderation of Assessment

The AVI50410 Diploma of Aviation (Flight Instructor) qualification is issued after the CASA Commercial Pilots Licence and is subject to student performance during that assessment.

Where a situation arises that two or more trainers disagree on the outcome of a student's assessment, the final assessment by the Approved Testing Officer is deemed to be final. A moderation meeting will take place with all relevant training staff present. The information collected through the above listed processes will be used to evaluate the overall effectiveness, efficiency and appropriateness of the course.

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Pathways

Completion of this course will qualify the student to be able to sit a licencing assessment with an approved testing officer and the issue of AVI50516 Diploma of Aviation (Flight Instructor). The satisfactory completion of this course may also then lead on to endorsements and ratings within CASA and the entry to further vocational training such as a Bachelor Degree of Aviation.

Technical Advisory Committee - Consultation Record

Name	Organisation	VET/Industry	Discussion	Comments/Feedback	Date
Chris Stephens	Phoenix Compliance Management	VET	Unit selection	Units to go into TAS Feedback on TAS	01/11/2016
Roman Badov	Free Spirit Airlines Pty Ltd	Industry	1. Qualification structure 2. Job outcomes	Refer IDP completed 30.10.16 Student sessions concerning commercial and regulatory requirements for pilots	30/10/16
	Civil Aviation and Safety Authority	Industry	Advises memoranda and information sheets delivered on a fortnightly basis	Trainers would refer to the latest industry consultation delivered from CASA	

Authorisation

CEO	Date
Signature	

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APPENDIX A
TIMETABLE

Week 1	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 AVIM5001
Week 2	TAEDEL402A TAEDES401A TAEDES402A AVIM5001
Week 3	AVIM5001 AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 4	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 5	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 6	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 7	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 8	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 9	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A

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	TAEDES401A TAEDES402A
Week 9	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 10	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 11	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 12	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 13	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 14	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 15	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 16	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A

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Week 17	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 18	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 19	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 20	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 21	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 22	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 23	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 24	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A

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Week 25	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 26	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 27	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 28	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A
Week 29	AVIM5002 TAEDEL402A TAEASS401B BSBCMM401 TAEDEL402A TAEDES401A TAEDES402A