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| Overview |
| This syllabus describes the flight training and assessment activities to be undertaken during the private pilot licence – aeroplane category rating training course. The aim of the course is to provide the student with the required skills, knowledge and attitudes to safely exercise the privileges of the PPL (A).  Flight training lessons include navigation exercises incorporating operations at controlled aerodromes and in controlled airspace, basic and advanced manoeuvres, circuit operations, basic instrument flight and procedures in the event of abnormal situations. Human factors and non-technical skills awareness and application are also included.  The privileges and limitations of the private pilot licence – aeroplane category rating are defined in CASR Part 61 Subpart 61.H. |
| **Competency Standards** |
| **Practical flight competency standards**  Flight training is provided to allow the student to meet the prescribed Part 61 MOS practical flight competency standards. Student performance is assessed against these flight competency standards. The standards required for the completion of this course and the issue of the licence are captured by the following units of competency:   |  |  | | --- | --- | | **Unit code** | **Unit of competency** | | C1 | Communicating in the aviation environment | | C2 | Perform pre- and post-flight actions and procedures | | C3 | Operate aeronautical radio | | C4 | Manage fuel | | C5 | Manage passengers and cargo | | NTS1 | Non-technical skills 1 | | NTS2 | Non-technical skills 2 | | NAV | Navigate aircraft | | A1 | Control aeroplane on the ground | | A2 | Take-off aeroplane | | A3 | Control aeroplane in normal flight | | A4 | Land aeroplane | | A5 | Aeroplane advanced manoeuvres | | A6 | Manage abnormal situations – single-engine aeroplanes | | IFF | Instrument flight full panel | | ONTA | Operate at non-towered aerodrome | | OGA | Operate in Class G airspace | | CTR | Operate at a controlled aerodrome | | CTA | Operate in controlled airspace | |

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| Competency Standards |
| **Aeronautical knowledge** **standards**  The knowledge required to meet the aeronautical knowledge standards prescribed by the Part 61 MOS may be attained through student self-study or more formal training. Theory topics and content are described in the following units of knowledge:   |  |  | | --- | --- | | **Unit code** | **Unit of knowledge** | | PAKC | PPL Aeronautical knowledge | | PFRC | PPL Flight rules and air law | | PNVC | PPL Navigation | | PMTC | PPL Meteorology | | POPC | PPL Ops, performance and planning | | PAKA | PPL Aeronautical knowledge - aeroplane | | PFRA | PPL Flight rules and air law - aeroplane | | POPA | PPL Ops, performance and planning - aeroplane |   (Students will previously have met the requirements of units BAKC, RFRC, RMTC, PHFC, and RBKA and passed the RPLA aeronautical knowledge examination.) |
| **Course prerequisites** |
| This course has been developed for students already holding a recreational pilot licence and aeroplane category rating. Students should also have completed at least 1 hour of dual instrument time.  Students must be at least 17 years old to apply for a private pilot licence. |
| **Course duration** |
| The course may be undertaken on a part-time or full-time basis.  The syllabus is based on a total flight time of 23.8 hours inclusive of the PPL aeroplane category flight test; however the total flight time required to achieve competency will vary from student to student. |
| **Course resources** |
| Flight training is usually undertaken in the C172; however the C152 may also be used.  Other resources include a model aeroplane, cockpit cut-out, instrument flight hood or foggles, navigation charts and navigation equipment. |
| **Syllabus documentation** |
| Syllabus documentation includes:   * a planning matrix * a flight training and theory examination summary * a lesson plan and training record for each flight   Refer to Part 5A/Section 5.1\* of the operations manual for a guide to the use of the syllabus documents. |

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| Lesson sequence and allowable variations |
| The flight training and theory examination summary provides the sequence of flight training lessons.  Any variations to the lesson sequence are only to be made with the prior approval of the HOO or authorising instructor. |
| **Solo flight** |
| The course includes a minimum of 5 hours of solo cross country flight time.  Prior to authorising a student to conduct a solo navigation exercise, instructors must ensure the requirements of section 3B1.1/3.4.1.1\* are met. The student’s flight plan and fuel calculations must be reviewed for accuracy. |
| **Aeronautical knowledge examination** |
| Successful completion of the following examination is required during the course:  **Prior to flight test recommendation** - PPLA aeronautical knowledge examination  The pass mark for the examination is 70%.  The flight training and theory examination summary sets out the recommended sequence for aeronautical knowledge examination and navigation exercises. To avoid training delays, instructors should ensure students complete the examination in this sequence.  Aeronautical knowledge examinations are conducted in the ground examination facility. Refer to Part 3E/Section 3.7\* for further information regarding the conduct of these exams.  **Knowledge Deficiency Report**  If a student passes the PPLA aeronautical knowledge examination with a score of less than 100%, a report shall be prepared about the competency standards in which the student’s knowledge is deficient (a knowledge deficiency report). Following further self-study, an instructor holding a grade 1 or 2 training endorsement must orally assess the student’s knowledge to ensure the deficiencies noted on the knowledge deficiency report have been addressed (i.e. knowledge corrected to 100%).  A copy of the knowledge deficiency report for the PPLA aeronautical knowledge examination must be provided to the flight examiner who is to conduct the flight test. |

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| Flight test |
| Upon successful completion of the course students must pass the PPL aeroplane category flight test, prior to making application for the private pilot licence.  The test is conducted by a flight examiner and involves a ground component and a cross-country flight of approximately 2.8 hours (2.5 hours airborne time). An assessment of general handling competencies is included in the test.  Flight test standards are contained in Schedule 5 App H.1 to the Part 61 MOS. Manoeuvres must be performed within the flight tolerances specified in table 1, Section 1 of Schedule 8 of the MOS.  For flight test procedures and information regarding the booking of flight tests, refer to section 3F1/3.8.1\*. |
| **Document control and access information** |
| This syllabus is a managed document and is uncontrolled if printed. Refer to the version number and date in the footer to ensure that the current syllabus is being referenced.  It is available in electronic format. Paper copies are also provided for use by instructors and students.  Syllabus documentation is to be read in conjunction with [Sample Aviation]’s operations manual, CASR Parts 61, 141 and the Part 61 Manual of Standards. |

\*MAAT manual reference