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| ****Overview**** |
| This syllabus describes the flight training and assessment activities to be undertaken during the night VFR rating – single engine aeroplane night VFR endorsement 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 rating and endorsement.  Flight training lessons include a basic instrument flight and navigation aid training component conducted by day, followed by circuits and navigation exercises at night, procedures in the event of abnormal situations and human factors and non-technical skills awareness and application.  The privileges and limitations of the night VFR rating and single engine aeroplane night VFR endorsement are defined in CASR Part 61 Subpart 61.O. |
| **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 rating and endorsement are captured by the following units of competency:   |  |  | | --- | --- | | **Unit code** | **Unit of competency** | | NTS1 | Non-technical skills 1 | | NTS2 | Non-technical skills 2 | | IFF | Full instrument panel manoeuvres | | IFL | Limited instrument panel manoeuvres | | NVR1 | Conduct a traffic pattern at night | | NVR2 | Night VFR – single-engine aircraft |   **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 unit of knowledge:   |  |  | | --- | --- | | **Unit code** | **Unit of knowledge** | | NVFR | NVFR rating – all aircraft categories | |
| **Course prerequisites** |
| Students must hold a private, commercial or air transport pilot licence and aeroplane category rating. *(CASR 61.975)* |
| **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 15.3 hours inclusive of the NVFR (A) flight test; however the total flight time required to achieve competency will vary from student to student. |

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| ****Course resources**** |
| Flight training is undertaken in the C172.  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. |
| **Lesson sequence and allowable variations** |
| The flight training and theory examination summary provides the sequence of flight training lessons.  If required (e.g. if weather conditions are not suitable for successful lesson outcomes), adjustments may be made to the lesson sequence as follows:   * Lesson NVFR (A) 2 navigation aid training may be conducted at any stage prior to NVFR (A) 6 navigation exercise 1.   Any variations to the lesson sequence which are not noted above are only to be made with the prior approval of the HOO or authorising instructor. |
| **Solo flight** |
| The course includes a minimum of 1 hour solo flight time in the circuit.  Prior to authorising a student to conduct a solo flight, instructors must ensure the requirements of section 3B1.1/3.4.1.1\* are met. |
| **Instructor requirements** |
| Instructors must hold a night VFR rating training endorsement (aeroplane). |

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| ****Aeronautical knowledge examination**** |
| Successful completion of the following examination is required during the course:  **Prior to flight test** - NVFR (A) aeronautical knowledge examination  This examination has been set by [Sample Aviation] in accordance with the aeronautical knowledge standards mentioned in the Part 61 MOS, as a means for students to demonstrate they hold the required knowledge. The pass mark is 70%.  The flight training and theory examination summary sets out the recommended sequence for aeronautical knowledge examination and flight lessons. 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 Reports**  If a student passes the NVFR (A) 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%). |
| **Flight test** |
| Upon successful completion of the course students must pass the night VFR rating - aeroplane flight test, prior to the rating being issued.  The test is conducted by a flight examiner and involves a ground component and a flight of approximately 2.5 hours.  Flight test standards are contained in Schedule 5 App 0.1 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