**Sample Assessment Outline**

Aviation

General Year 12

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# Sample assessment outline

# Aviation – General Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment  type** | **Assessment type  weighting** | **Assessment**  **task**  **weighting** | **Due date** | **Assessment task** |
| Investigation | 45% | 10% | Semester 1  Week 6 | **Task 2:** Investigation – Aviation development literature search and oral presentation (jigsaw activity – students are allocated topics from the syllabus to research and present their findings in a 5–10 minute oral presentation) |
| 10% | Semester 1  Week 15 | **Task 6:** Investigation – Report of a simulated flight activity |
| 10% | Semester 2  Week 6 | **Task 7:** Investigation – Aircraft performance (using the Piper Turbo Lance aircraft as an example of an advanced light aircraft, determine, under a range of parameters: fuel use, time and distance to climb and descend, TAS, cruise power settings and associated rates of climb) |
| 15% | Semester 2  Week 15 | **Task 10:** Investigation – Helicopter design (students plan, conduct, process and interpret data using model helicopters; they evaluate their plan, procedures, data and findings; and communicate their conclusions) |
| Test | 25% | 5% | Semester 1  Week 3 | **Task 1:** Principles of flight test |
| 10% | Semester 1  Week 13 | **Task 4:** Navigation, meteorology and radio communication test |
| 10% | Semester 2  Week 12 | **Task 9:** Human factors test |
| Practical skills test | 15% | 7.5% | Semester 1  Week 11 | **Task 3:** Practical skills test (use of Microsoft Flight Simulator – Cessna 172 to demonstrate general handling of aircraft) |
| 7.5% | Semester 2  Week 6 | **Task 8:** Practical skills test(use of Microsoft Flight Simulator – Cessna 172 to demonstrate general handling of aircraft) |
| Externally  set task | 15% | 15% | Semester 1  Week 13 | **Task 5: Externally set task** – A task set by the SCSA, based on the following content from Unit 3 – <teacher to insert information provided by the Authority> |
| **Total** | **100%** | **100%** |  |  |