**Sample Assessment Outline**

Aviation

ATAR Year 12

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# Sample assessment outline

# Aviation – ATAR Year 12

## Unit 3 and Unit 4

| **Assessment component** | **Assessment  type** | **Assessment  type  weighting** | **Assessment**  **task**  **weighting** | **Weighting for combined**  **mark** | **When** | **Assessment task** |
| --- | --- | --- | --- | --- | --- | --- |
| Practical | Practical examination | 20% | 50% | 10% | Semester 1  Week 12 | **Task 5:** Semester 1 Practical examination |
| 50% | 10% | Semester 2  Week 12 | **Task 10:** Semester 2 Practical examination |
|  |  | **100%** | **20%** |  |  |
| Written | Investigation | 10% | 6.25% | 5% | Semester 1  Week 5 | **Task 2:** Investigation – Aviation development research report |
| 6.25% | 5% | Semester 2  Week 6 | **Task 8:** Investigation – Quantitative analysis of second-hand data (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) |
| Test | 20% | 5% | 4% | Semester 1  Week 3 | **Task 1:** Meteorology test |
| 5% | 4% | Semester 1  Week 9 | **Task 3:** Navigation test 1 |
| 5% | 4% | Semester 1  Week 10 | **Task 4:** Navigation test 2 |
| 5% | 4% | Semester 2  Week 3 | **Task 7:** Principles of flight test |
| 5% | 4% | Semester 2  Week 10 | **Task 9:** Human performance test |
| Examination | 50% | 25% | 20% | Semester 1, Week 15  Examination week | **Task 6:** Semester 1 Written examination |
| 37.5% | 30% | Semester 2, Week 15  Examination week | **Task 11:** Semester 2 Written examination |
|  |  | **100%** | **80%** |  |  |