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## ASCI 202 Introduction to Aeronautical Science

### Case Analysis – Aircraft Performance

#### Format

- Two to three pages text (maximum, include a reference page; and a title page)
- Double-spaced lines
- Times New Roman 12 pitch

#### Process

- I. Review materials from outside sources regarding the case
- II. Diagnose the case (identify the issue/problem, define the significance of the issue/problem)
- III. “Size-up” the case (determine the influence of the issue/problem, decide what was done well, and identify what could be improved)
- IV. Provide recommendations (identify courses of action; what would you do differently?)

**Develop a case analysis on this topic:** Evaluate the challenges and opportunities in the aircraft manufacturing industry following World War II as commercial and military aircraft evolved from piston-engine to high-performance, jet aircraft. In your analysis, consider factors that influenced the aircraft manufacturing industry with respect to designs, performance, materials, development, and production of new, high-performance jet aircraft. As always, draw upon module knowledge to help you conduct your analysis.

Refer to the assignment information and rubric in the appropriate module activity and ensure your case analysis conforms to the assignment requirements. Use the rubric as a guide when completing this assignment.

In order to receive full credit, assignments must be submitted **by the due date**. You may lose points for late submissions. No submissions accepted after the last day of the module/week. Collectively, case analyses are worth 30% of your course grade.

Upon submission, your work will automatically be evaluated through the plagiarism detection tool. Ensure your work is entirely your own. Cite your sources!





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