



FAA 107 Airspace Classifications Group Project

Objective: The purpose of the group project is to gain a comprehensive understanding of the Federal Aviation Administration (FAA) 107 Airspace Classifications.

Requirements:

Students will research and present on the different types of airspace, their characteristics, and the regulations that apply to each classification. Also, students will a drone flight plan within a specific airspace classification. This is a (9) week project, see project timeline, however the project timeline is based on the instructor.

Grading Criteria:

Research and Presentation (40 points):

- Accuracy and comprehensiveness of information presented (10 points)
- Organization and clarity of presentation (10 Points)
- Visual aids and multimedia use (10 Points)
- Effective communication and engagement with audience (10 points)

Drone Flight Plan (40 Points):

- Appropriate selection of airspace classification for flight plan (10 Points)
- Identification and adherence to FAA regulations for selected airspace (10 points)
- Accuracy and detail of flight plan (10 points)
- Effective justification of flight plan decision (10 points)

Teamwork (20 points):

- Active participation and contribution to the project (10 points)
- Collaboration and communication with team members (5 points)
- Meeting project deadlines and expectations (5 points)

Point Deduction Options

Lateness: 5 Points deducted per day.

Spelling and Grammar: 5 points for each error.

Teacher Note: Grading Criteria teacher choice.



Project Timeline:

Weeks 1-3

- Formation of Teams
- Identify airspace classifications
- Brainstorm and project research

Weeks 4-6

- Development of drone flight plan
- Finalize research findings
- Follow-up and instructor feedback

Week 7-9

- Finalization of presentation
- Finalization of drone flight plan
- Presentations