



## FAA 107 Weather Journal Assignment

**Objective: To understand the basic principles of weather as it relates to aviation and the FAA Part 107 regulations.**

### Instructions:

1. Read and review the FAA 107 Weather information on the FAA website. Take notes as you read and highlight key concepts that you want to explore further in your journal.
2. Select at least three types of weather conditions that are relevant to aviation, such as wind, clouds, precipitation, visibility, thunderstorms, or turbulence. Research each type of weather condition and write a summary of its characteristics and how it can impact aviation.
3. Choose a weather event that occurred in your area or other areas such as a thunderstorm, snowstorm, or tornado, and research how it impacted local aviation activities. Write a brief summary of your findings and include any photos or news articles that you find.
4. Reflect on the importance of understanding conditions for safe operations. Write a personal reflection on what you have learned and how this knowledge might apply to your future career or interests.
5. Write conclusion summarizing your key takeaways from this assignment and how you will apply this knowledge in the future.

### Grading Criteria:

- Completeness of the assignment – 25 Points
- Clarity and coherence of your writing – 25 points
- Accuracy of the weather research – 25 Points
- Reflection on the importance of weather knowledge for aviation safety – 25 Points

**Total Points – 100**

#### **Point Deduction Options**

**Lateness:** 5 Points deducted per day.

**Spelling and Grammar:** 5 points for each error.

**Teacher Note:** Grading Criteria teacher choice.