

Girl Scout Cadette Aviation Badge



Complete six of these requirements

1. Learn about the types of airplanes and how airplanes fly. Visit an airport and get an up close look.
2. Learn about important women in aviation history. Investigate their life and their accomplishments. Do a brief biography on one of them to share with others.
3. Make a list of at least ten different jobs that are involved in air transportation. Find out more about two of the jobs.
4. Learn about Civil Air Patrol and its goals. How do you join CAP? Is there a Civil Air Patrol in your community?
5. How do hot air balloons fly? What does it take to become a balloon pilot? Learn more about this sport.
6. What does it take to become an airline pilot? Learn about this career and how you can become a pilot. What jobs are available in your community?
7. Air traffic controllers guide air travel around the world. Learn about the tools they use and the information that they provide to pilots.
8. Maintenance and repairs are important to keep planes in top condition. What do mechanics do to keep planes safe and flying?
9. Airplanes are important to the military. How are women involved in aviation in the military?
10. Explore alternative energy sources that planes use such as non powered flight – soaring, experimental aircraft, roto craft and others.
11. How do weight and balance affect airplanes? Learn how pilots measure airplane capacity and how many passengers and baggage their plane can carry. What can they do to compensate for weight?
12. Maps are important to air travel. Use the internet to access a sectional chart or aviation map and learn how to read these. What information do they provide?
13. How does weather affect flying? List 5 weather conditions that can challenge or stop air travel.
14. Helicopters are very useful. What makes a helicopter fly? Name 5 uses for helicopters.
15. What characteristics does an airport have? Visit several local airports and note their differences and similarities.