



Strategic Air Command & Aerospace Museum

Aviation Merit Badge Requirements

Merit Badge Requirements

REQUIREMENTS MET AT THE MUSEUM (1, 2b, 2e, 3, 4):

Requirements 1 & 2e: Four Forces of Flight Power Point

Scouts will receive an in depth presentation on the role of the pilot in today's society and the workplace. Scouts will learn about the tools a pilot uses and the process required to obtain various levels of certification. The presentation will also cover different types of aircraft, as well as the basics on how they work.

Requirement 3: FPG-9s

Scouts will create an FPG-9 (foam plane glider) as well as test it multiple times. They will then participate in a competition.

Requirement 2b: Preflight Inspection

Scouts will walk around an aircraft with a staff member learning how to do a preflight inspection of the said aircraft.

Requirement 4: Tour of the Museum

Scouts will go on a guided tour led by a staff member where they will learn about different aircraft.

*Other activities will be added to supplement the curriculum.

REQUIREMENTS NOT MET AT THE MUSEUM (5):

If scouts would like to get these signed off by a counselor at the Museum, they will need to have completed this material before arrival for the overnight. Counselors will then look at the materials and talk with the scouts about their prepared work. After the discussion, the counselor will decide if the sufficient amount of work was done and either will sign off on that requirement or will advise the scout on how to improve their project.