



Mizzou Merit Badge University

Columbia Regional Airport (COU) Aviation Merit Badge Syllabus

5 October 2024

Counselors

- Bob Avery, Air Force and Airline Pilot (retired)
- Bill Valbracht, Eagle Scout, Commercial, Multi-Engine, Instrument Flight Instructor, FAA Gold Seal Flight Instructor
- John Detzel, Eagle Scout, Air Force Navigator (retired). Commercial, Multi-Engine, Instrument Pilot
- David Hester, Commercial, Instrument, Flight Instructor, Lear Jet Pilot

8:00 – 9:30 Breakfast in hangar 120 provided by Columbia Jet Center

9:30 – 10:30 All Scouts gather in the back of hangar 120 (North side). Mission Briefing for the day's events. Form three groups.

(Group 1) Aircraft preflight training on N8325T in front of Hangar 120 with David Hester.

(Group 2) Airports Report training with Bill Valbracht. Scouts meet in the back of Hangar 120 (North side) to learn about airports and fill the Airports Report.

(Group 3) Explain pilot certificates and ratings, training requirements, and discuss aviation careers with John Detzel and Bob Avery (back of Hangar 120, South side).

10:30 – 11:30 Young Eagle's Flight Day: Orientation flights for Scouts who have registered. Meet in front of Hangar 120. Piper Warrior aircraft flight control demonstrations before and after orientation flights.

11:30 – 12:30 Fill out post flight reports. Meet in back of Hangar 120 (North side).

1230 – 1:00 Lunch in (or in front of) Hangar 120.

1:00 – 4:30 Airport Terminal Conference Room for afternoon flight training with Bob Avery and John Detzel.