

AV 227D : HELICOPTER FLT LAB SERIES I

Transcript title

Helicopter Flt Lab Series I

Credits

1

Grade mode

Standard letter grades

Contact hours total

32

Lab hours

32

Prerequisites with concurrency

AV 115 (or Private Pilot Certificate), AV 227A, AV 227B, AV 227C, and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Description

AV 227D, AV 227E, AV 227N cover practical training in aircraft instrument flight, basic attitude instrument flying, Instrument Flight Rules (IFR), navigation systems and procedures, applicable federal aviation regulations and the instrument charts required for IFR flight. The completion of the associated flight labs will also insure compliance with Federal Aviation Administration flight hour and certification requirements. Additionally, students will earn the basic night vision goggle endorsement coincident to their instrument training.

Learning outcomes

1. Develop proficiency in flight maneuvers, normal operating procedures, and emergency procedures.
2. Demonstrate sufficient proficiency to advance to the next successive flight lab and/ or Federal Aviation Administration Certification.
3. Practice aeronautical decision-making skills, risk management, situational awareness, and single pilot resource management using real-time flight scenarios.
4. Accrue flight hours necessary to meet Federal Aviation Administration requirements.

Content outline

20 hrs. Pre/Post Instruction

20 hrs. Dual flight

(Dual flight includes 15 hrs Pilot in Command)

10 hrs. Dual FTD

Total Flight Hrs. =30 hrs. (1 credit)

Required materials

Requires textbook and/or online learning materials.

Grading methods

This course is assessed through oral, written, and practical examination.