

AV 227H : COMMERCIAL PILOT III HELICOPTER FLIGHT LAB

Transcript title

Comm Pilot III Heli Flt Lab

4. Federal Aviation Administration Helicopter Commercial Pilot Practical Test Standards

Credits

1

Grading mode

Standard letter grades

Total contact hours

32

Lab hours

32

Prerequisites with concurrency

AV 115, AV 227A, AV 227B, AV 227C (or Private Pilot Certificate), AV 215, AV 227D, AV 227E, AV 227N (or Instrument Pilot Certificate), AV 225, AV 227F, AV 227G, and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Course Description

Assesses commercial flight skills, including night flight, aviation physiology, advanced aerodynamics, aircraft performance, weight and balance, and Federal Aviation Administration (FAA) regulations for commercial pilots and commercial flight operations. Introduces turbine helicopter systems, and commercial operations. Includes compliance with FAA flight hour and certification requirements.

Course learning outcomes

1. Perform commercial pilot flight maneuvers as defined by the Federal Aviation Administration Helicopter Commercial Pilot Practical Test Standards to a commercial helicopter pilot standard.
2. Summarize Federal Aviation Administration Helicopter Commercial Pilot Practical Test Standards to a commercial helicopter pilot standard.
3. Apply aeronautical decision-making skills (risk risk management, situational awareness, and single pilot resource management) to real-time flight scenarios.

Content outline

1. Flight maneuvers
2. Systems operation
3. Communications
4. Performance and limitations
5. Regulations

Please see the entrance requirements in the program catalog page for associated course costs.

Required materials

1. Aviators headset
2. Navigation kit
3. Federal Aviation Regulations and Aeronautical Information Manual