

AV 227N : INSTRUMENT PILOT III HELICOPTER FLIGHT LAB

Transcript title

Inst Pilot III Heli Flt Lab

4. Federal Aviation Administration Helicopter Instrument 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, and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Course Description

Develops and assesses the fundamental skills of instrument flight and flight aided through the use of night vision systems. Includes compliance with Federal Aviation Administration flight hour and certification or endorsement requirements.

Course learning outcomes

1. Perform instrument pilot flight maneuvers as defined by the Federal Aviation Administration Helicopter Instrument Pilot Practical Test Standards to a helicopter instrument pilot standard.
2. Summarize Federal Aviation Administration Helicopter Instrument Pilot Practical Test Standards to an instrument pilot standard.
3. Perform night flight maneuvers while aided with night-vision goggles.
4. Apply aeronautical decision-making skills (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