

Stage III - Instrument Rating

Flight Lesson 27

Lesson Objective:

- Increase student proficiency in planning and conducting all phases of the IFR cross-country flight in preparation for the Stage III Check.
- The student should take the appropriate actions and perform the correct procedures to manage emergency situations.
- Demonstrate competency in effective resource management and decision making skills for IFR cross-country operations.

Review:

Satisfactory

Needs Improvement

IFR Cross-Country Flight Planning

- Weather Information Related to IFR Cross-Country Flight _____ _____
- Aircraft Performance, Limitations, and Systems Related to IFR Cross Country _____ _____
- Enroute Chart Interpretation _____ _____
- Navigation Log and Flight Plan Completion _____ _____
- Filing an IFR Flight Plan _____ _____

ATC Clearance

- Clearance Copying and Readback _____ _____
- Departure Procedures and Clearances _____ _____
- Use of SIDs and ODPs _____ _____

IFR Cross-Country Flight

- VOR Enroute Navigation _____ _____
- GPS Enroute Navigation (based on aircraft equipment) _____ _____
- Calculating ETEs and ETAs _____ _____
- Use of Radar _____ _____
- Radio Communications _____ _____
- Enroute Procedures and Clearances _____ _____
- Arrival Procedures and Clearances _____ _____
- Use of Standard Terminal Arrivals (STARs) _____ _____
- Holding _____ _____
- Canceling an IFR Flight Plan _____ _____
- Single-Pilot-Resource Management _____ _____
- Aeronautical Decision Making _____ _____

Approach Procedures

- VOR Approaches (As Needed) _____ _____
- GPS Approaches (As Needed) _____ _____
- NDB Approaches (As Needed) _____ _____
- ILS Approaches (As Needed) _____ _____
- Localizer Approaches (As Needed) _____ _____
- Missed Approach Procedures _____ _____
- Partial Panel Approaches _____ _____

Simulated Emergency Procedures

- Loss of Communications _____ _____
- Loss of Primary Flight Instrument Indicators _____ _____
- Partial Panel Flight _____ _____
- Systems and Equipment Malfunctions _____ _____
- Airframe and Powerplant Icing _____ _____
- Turbulence _____ _____
- Diversion _____ _____
- Low Fuel Supply _____ _____
- Engine Failure _____ _____

Completion Standards:

- The student should demonstrate instrument pilot knowledge and proficiency, as outlined in the current FAA Instrument Rating Practical Test Standards, in each of the listed procedures.

Pre _____, Post _____, PIC _____, Dual _____, Inst. _____, XC _____, Solo _____, Night _____, Day Land _____, Night Land _____

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____