

Stage I - Instrument Rating Flight Lesson 4

Lesson Objective:

- Review full panel instrument flight.
- Introduce partial panel attitude instrument flying including related systems and equipment malfunctions.

Review:

Satisfactory

Needs Improvement

IFR Aircraft Systems _____ _____
IFR Takeoff Preparations _____ _____
Steep Turns _____ _____

Introduce:

Systems and Equipment Malfunctions

Electrical System Failure _____ _____
Loss of Communications _____ _____
Vacuum Pump Failure _____ _____
Gyroscopic Instrument Failure _____ _____
Pitot-Static Instrument Failure _____ _____

Partial Panel Instrument

Straight-and-Level Flight _____ _____
Standard-Rate Turns _____ _____
Change of Airspeed _____ _____
Constant Airspeed Climbs _____ _____
Constant Airspeed Descents _____ _____

Completion Standards:

- The student will begin to recognize and understand the effect of instrument systems and equipment malfunctions.
- Recognize the change in instrument cross-check necessary to maintain aircraft control while using partial panel procedures.

Pre_____, Post_____, PIC_____, Dual_____, Inst. _____, XC_____, Solo_____, Night_____, Day Land_____, Night Land_____

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____