

Stage I - Instrument Rating Flight Lesson 2

Lesson Objective:

- Review full panel instrument flying in preparation for partial panel flight.
- Introduce aircraft instrument systems, equipment, and preflight checks necessary for IFR flight.

Review:

Full Panel Instrument	Satisfactory	Needs Improvement
Straight and Level Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Change of Airspeed _____	<input type="checkbox"/>	<input type="checkbox"/>
Standard-Rate Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Airspeed Climbs _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Airspeed Descents _____	<input type="checkbox"/>	<input type="checkbox"/>

Introduce:

Aircraft Systems Related to IFR Operations _____	<input type="checkbox"/>	<input type="checkbox"/>
Aircraft Flight Instruments and Navigation Equipment _____	<input type="checkbox"/>	<input type="checkbox"/>
Instrument Cockpit Check _____	<input type="checkbox"/>	<input type="checkbox"/>
IFR Takeoff Preparations _____	<input type="checkbox"/>	<input type="checkbox"/>
Steep Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Checking Instruments and Equipment at Engine Shutdown _____	<input type="checkbox"/>	<input type="checkbox"/>
Autopilot Use (if airplane so equipped) _____	<input type="checkbox"/>	<input type="checkbox"/>

Completion Standards:

- Demonstrate an understanding of and basic competence in full panel instrument attitude control.
- During the flight the student will demonstrate understanding of aircraft attitude control by maintaining altitude ± 200 feet, heading $\pm 15^\circ$, airspeed ± 15 knots and bank angles within $\pm 5^\circ$.
- Display an understanding of the aircraft systems related to IFR operations and the importance of IFR preflight and takeoff preparations.

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____