

Stage I - Instrument Rating

Flight Lesson 3

Leading Edge Aviation

Version 2012

Lesson Objective:

- Review systems and equipment checks.
- Increase proficiency in full panel instrument flying.

Review:

Satisfactory

Needs Improvement

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"/>
Autopilot Use (if airplane so equipped) _____	<input type="checkbox"/>	_____	<input type="checkbox"/>

Full Panel Instrument

Straight-and-Level Flight _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Constant Airspeed Climbs _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Constant Airspeed Descents _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Change of Airspeed _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Standard-Rate Turns _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Steep Turns _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Power-Off Stalls _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Power-On Stalls _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Maneuvering During Slow Flight _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Recovery From Unusual Flight Attitudes _____	<input type="checkbox"/>	_____	<input type="checkbox"/>
Operations in Turbulence _____	<input type="checkbox"/>	_____	<input type="checkbox"/>

Completion Standards:

- ☐ The student will exhibit a basic understanding of systems and equipment related to IFR operations.
- ☐ The student will precisely control the airplane using full panel instrument reference.
- ☐ With minor exceptions, the student should be able to maintain altitude ± 200 feet, heading $\pm 15^\circ$ and airspeed ± 15 knots and bank angles within $\pm 5^\circ$.
- ☐ Recognize the approach of stalls and demonstrate the correct recovery procedures from unusual flight attitudes.

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____