

# Stage I - Instrument Rating

## Flight Lesson 13

**Leading Edge Aviation**  
Version 2012

### Stage I Check

#### Lesson Objective:

- The chief instructor, assistant chief, or a designated check instructor will evaluate the student's proficiency in attitude instrument flight and navigation to ensure the student is prepared for more complex instrument flying procedures.

#### 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"/>
IFR Takeoff Preparations _____	<input type="checkbox"/>	<input type="checkbox"/>

#### Full Panel Instrument

Steep Turns \_\_\_\_\_  \_\_\_\_\_

#### Full and Partial Panel Instrument

Straight-and-Level Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Rate Climbs and Descents _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Airspeed Climbs and Descents _____	<input type="checkbox"/>	<input type="checkbox"/>
Standard-Rate Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Recovery From Unusual Flight Attitudes _____	<input type="checkbox"/>	<input type="checkbox"/>
Timed Turns to Magnetic Compass Headings _____	<input type="checkbox"/>	<input type="checkbox"/>
Magnetic Compass Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Maneuvering During Slow Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-Off Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-On Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>

#### Full And Partial Panel Instrument Navigation

VOR Navigation _____	<input type="checkbox"/>	<input type="checkbox"/>
GPS Navigation _____	<input type="checkbox"/>	<input type="checkbox"/>
NDB Navigation _____	<input type="checkbox"/>	<input type="checkbox"/>
Localizer Navigation _____	<input type="checkbox"/>	<input type="checkbox"/>

#### Completion Standards:

- The student will demonstrate accurate VOR, GPS, NDB, and localizer navigation at all times.
- The student will perform correct recovery techniques from unusual attitudes using full and partial panel instrument reference.
- The student will use recovery techniques from stalls using positive control techniques with a minimum loss of altitude.
- Using full panel and partial panel unstrung reference, the student will maintain altitude  $\pm 100$  feet, heading  $\pm 10^\circ$ , airspeed  $\pm 15$  knots, and desired descent and climb rate  $\pm 100$  feet per minute.

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

Aircraft Tail # \_\_\_\_\_

Instructor \_\_\_\_\_

Date \_\_\_\_\_

Student \_\_\_\_\_

Date \_\_\_\_\_