

Instrument Stage I Checklist

Name:

Date:

Aeronautical Knowledge:

The student will have a full understanding of the basic instrument fundamental, full and partial panel, along with the basic knowledge of VOR and ADF navigational instruments and equipment.

Flight Proficiency:

At completion of this stage the student will demonstrate precise airplane attitude control by instrument reference only. This will include the use of full and partial panel reference. In addition, the student will demonstrate accurate radio navigation.

Review of preflight, use of checklists, radio communications, light gun signals, normal and crosswind takeoff and landing procedures, and emergency procedures

IFR preflight inspection

Preflight check of instruments, equipment, and systems

Instrument cockpit check

IFR takeoff preparations

Straight and level flight

Standard rate turns

Constant airspeed climbs and descents

Climbing and descending turns

Change of airspeed

Steep turns

Power off stalls (imminent)

Power on stalls (imminent)

Maneuvering during slow flight

Recovery from unusual attitudes

Operations in turbulence

Constant rate climbs and descents

Timed turns to magnetic compass headings

Repeat above steps partial

VOR orientation and tracking

VOR time, speed, and distance

Intercepting and tracking DME arcs (if equipped)

ADF orientation and homing (if equipped)

NDB bearing interception and tracking (if equipped)

ADF time, speed, and distance (if equipped)

Localizer orientation and tracking

Fill in Time for this lesson:

Dual:

Hood: