

FLT 2: Build on the BAI Basics

INSTRUMENT	CROSS-COUNTRY	GROUND
1.1	-	1.3

REFERENCES

- II.C. Regs & Pubs related to IFR Ops (2.C.)
- III.C. Instrument Cockpit Check
- VI.A-E. BAI Flight – Control & Performance
- VI.G. Steep Turns

OVERVIEW

In the ground discussion, review the IFR preflight procedures and required instruments. In flight, continue building BAI flight skills and crosscheck skills with a review of basic maneuvers, progressing into new and more advanced maneuvers.

NOTES

-Planned to be completed with GND 2: Flight Systems & Instruments

-If possible, and safe, consider “vectoring” the learner to final, slowing and configuring on the way (like an instrument approach). Finish with a visual landing.

PLAN OF ACTION

Ground Discussion

- Instrument check (III.C.)
- IFR required instruments (II.C.)
- Steep turns (VI.G.)
- Changing airspeeds (VI.A-E.)
- Review pitch & power settings, & airspeeds
- Vertical S: C & D (appendix)
- Flight Overview
 - Airport diagram
 - Enroute charts (as required)
 - Maneuvers
- Expectations & responsibilities (learner/instructor)
- What the learner should learn

Pre-Flight

- Weather briefing, NOTAMs, TFRs, etc.

Instrument Flight

- Constant airspeed climb
- Straight-and-level
- Turns to headings
- Vertical S: C & D
- Steep turns
- Changing airspeeds
 - Straight & turning
- Power on & off stalls
- Constant airspeed descent

Debrief

- Review the flight
- What went well?
- What can be improved?
- What’s next

OBJECTIVE / COMPLETION STANDARDS

The learner should become more comfortable with BAI flight, building off the concepts and maneuvers in FLT 1. Aim for $\pm 150'$, 15 knots, and 15°