

COURSE OBJECTIVE

To restore and enhance the pilot's knowledge, skill and aeronautical decision making necessary for the safe and efficient operation of a single/multi-engine piston airplane in a single-pilot IFR environment.

PREREQUISITES

Private Pilot – Airplane certification (or higher) with Instrument privileges.
Reasonable and recent IFR proficiency is required in order to complete the course in the allotted time.

COMPLETION STANDARDS

Completion of all curriculum segments. Pilots are required to perform to the standards given in the current Instrument Rating –Airplane *Practical Test Standard*.



- A fun and rewarding way to restore your proficiency and confidence using state-of-the-art simulation, experienced instructors and an innovative curriculum.
- Plan and execute a full IFR flight requiring decision making and problem solving.
- Gain proficiency in the use of GPS and the Garmin®GNS430.
- Optional electives available to help you broaden your knowledge, proficiency and decision making experiences.

Avia's **Instrument Proficiency Check (IPC)** will fine tune your instrument skills and give you back the confidence and proficiency to fly IFR in just about any environment. In addition to covering the basic skill set, such as attitude instrument flying, holds and approaches, our IPC course includes carefully crafted, scenario-based lessons that challenge the pilot's decision making and judgment. Through the use of our state-of-the-art training device (simulator), featuring a wrap-around visual display system, cockpit video and Garmin®GNS430 GPS, pilots receive the most realistic and effective training experience possible...and for a fraction of the cost of the "big name" centers. After all, who says simulator training can't be fun?



DAY 1

OPTIONS

- Flight Review

Requires additional ½ day for completion and credit is earned in accordance with the FAA Wings guidelines.

OTHER AVIA SHORT COURSES

½ HOUR

- Thunderstorms
- Icing
- Airport Operations
- CFIT
- International Ops
- Preflight Considerations
- Declaring an Emergency
- Fun with Airspace
- ATC – Say What?
- IAPs with a Twist

1 HOUR

- GPS Approaches
- IFR Chart Review
- Airspace Review

COURSE FEE

\$575.00

Cost reflects use of owner's aircraft and meeting times allocated in the course. Additional hourly fees assessed for use of Avia's aircraft and additional training required.

SEGMENT	SUBJECT	DURATION		TOPICS
		GND	SIM A/C	
GROUND	INTRODUCTION	0.5		ENROLLMENT PRE-REQUISITES COURSE OVERVIEW
GROUND	FLIGHT DISCIPLINE	0.5		AERONAUTICAL DECISION MAKING FOUNDATIONS PRINCIPLES OF CRM THREAT AND ERROR MANAGEMENT RISK MANAGEMENT
GROUND	IFR REG REVIEW	1.5		14 CFR 61 & 91 (INSTRUMENT FLIGHT RULES)
BRIEF	PRE-BRIEF	0.5		
SIM-1	SIM ORIENTATION		1.0	COCKPIT / AVIONICS FAMILIARIZATION SLOW FLIGHT, STALLS & STALL RECOV. AUTOPILOT / FLIGHT DIRECTOR OPS GARMIN@GNS 430 OVERVIEW (GPS) IFR CLEARANCES: DEPT, ARRIV, APPR. INTER. & TRACKING NAV. SYSTEMS DME ARCS
----- BREAK -----				
BRIEF	PRE-BRIEF	0.5		
SIM-2	IFR PROFICIENCY		1.5	HOLDING NONPRECISION APPROACH (NPA) PRECISION APPROACH (PA) MISSED APPROACH LOST COMMUNICATIONS CHECKING INSTRUMENTS & EQUIPMENT OEI STRGT-&LVL FLT & TURNS (ME)
DE-BRIEF	PRE-BRIEF	0.5		
ACFT-1	IPC AIRCRAFT REQUIREMENTS		1.0	UNUSUAL FLIGHT ATTITUDE RECOVERY. NON PRECISION APPR. (PARTIAL PANEL). CIRCLING APPROACH LANDING. FM: STRGT-IN OR CIRC. APPR. OEI INSTRUMENT APPROACH (ME)
DE-BRIEF	PRE-BRIEF	0.5		
COMP	COMPLETION	0.5		WINGS COMPLETION & VALIDATION RECORDS COMPLETION PRESENTATIONS

COURSE TOTALS

5.0

3.5

IFR Training for the Real World.SM