



## **Instrument Pilot Rating (IFR)**

The instrument rating is typically the next step after you complete your private pilot certificate. The entire training course focuses on learning to safely fly using aircraft avionics, radios, communication, and navigation equipment.

Because the weather is unpredictable, it is almost essential to have an instrument rating if you plan to fly long distances or cross-country. As a private pilot, you are restricted from flying under VFR rules (looking out the windows) and therefore are limited when you can fly. An instrument pilot can fly in less than perfect weather and through clouds using the aircraft's precision guidance instrumentation.

Our instrument-training curriculum is also FAA Part 141 approved. This means our program has met the highest training standards designated by the Federal Aviation Administration. This also allows our students to enjoy a much more structured training syllabus that requires fewer hours to complete with a typical student completing their IFR training in about 35-45 hours of flight time.

Optionally, the student can elect to use our full-motion flight simulator (AATD) to substitute up to 40% of their flight lessons, which is about 14 hours. That is a cost savings of at least \$2000.00.

### **Program Structure**

Each program is custom-tailored to each student's needs and goals. The typical IFR program consists of computer-based ground training, one-on-one ground training with an instructor, proficiency building in a full-motion flight simulator and flight lessons in the aircraft.

Our IFR course is divided into three stages integrating ground and flight lessons. Lessons in each stage follow a careful, step-by-step progression of introducing and then practicing each task, with academic assignments preceding the flight lessons. Each stage also includes a stage exam and check flight, which serves as a progression and quality check. These check flights are conducted by designated instructors that meet FAA standards and ensure you are receiving proper technique training as intended and progressing through the syllabus on pace.

Stage 1: Emphasizes basic IFR flight operations. The student will learn precision airplane attitude control by instrument reference and gain greater competence in the use of navigations systems.

Stage 2: Introduce and train the student in holding patterns and instrument approaches, including circling and missed approach procedures. The student will learn to correctly perform holding patterns and accurate instrument approaches using full and partial panel techniques.

Stage 3: Introduce the student to IFR cross-country procedures and to increase the student's proficiency to the level required of an instrument-rated pilot.

### Steps for Becoming an Instrument Rated Pilot

1. Hold at least a private pilot certificate (PPL) with an airplane category rating and a single-engine land class rating.
2. Have a valid 3rd Class Medical
3. Must be 17 years old
4. You must be able to read, speak, write, and understand the English Language
5. Completed and logged the FAA-approved ground and flight training for the instrument rating.
6. FAA minimum requirement of 35 hours of flight training
7. Pass the FAA Instrument Rating written exam
8. Pass the Instrument Rating Oral and Practical Exams

Our training courses are specifically designed for Technically Advanced Aircraft (TAA). Our entire fleet is designated TAA and features the Garmin G1000 “glass cockpit” avionics package. By training in a technically advanced aircraft under an FAA Part 141 syllabus you are ensured to get the most advanced flight training available.

### Pricing Breakdown

<b>Activity</b>	<b>Quantity (Hrs.)</b>	<b>Price Per Hour (USD)</b>	<b>Cost</b>
Flight Time	22	\$ 139.00	\$ 3,058.00
Simulator	15	\$ 65.00	\$ 975.00
Flight Instruction	35	\$ 58.00	\$ 2,030.00
Ground Instruction	40	\$ 50.00	\$ 2,000.00
Books and Supplies	1	\$ 300.00	\$ 300.00
Written test Fee	1	\$ 160.00	\$ 160.00
Checkride fee	1	\$ 800.00	\$ 800.00
<b>Total</b>		<b>Diamond</b>	<b>\$9,323.00</b>