



ASPEN Flying Club

at Centennial Airport

13000 East Control Tower Road, Box K-16

Englewood, CO 80112

303/799-6794

Instrument Rating

This rating permits you to fly by Instrument Flight Rules (IFR): “by instruments”, i.e., without visual references to the ground, horizon, and other landmarks.

What is the approximate cost for an Instrument rating? (Assuming cross country time requirement met)

Aspen Flying Club Fees (Membership Dues are \$35 a month)

Membership Initiation (if not already a member)	\$100
Insurance Pool (if not already a member)	30
Ground School*	300
Miscellaneous**	800

Aircraft & Instruction Fees

20 Hours Flight Time in a Cessna 172 @ \$96/hr	1920
20 Hours Simulator Time @ \$30/hr	600
25 Hours (minimum) Instructor Time @ \$40/hr	<u>1000</u>

\$4,750

*Aspen Flying Club Ground School is one option to learn the written test material.

**Additional miscellaneous expenses will include books, testing fees, aeronautical charts, approach plates, etc.

What are the requirements for an Instrument rating?

The following are the minimum requirements necessary to obtain an instrument rating. All ratings/certificates, require you hold a first-, second-, or third-class medical certificate, and be able to read, speak, and understand English.

- I. Hold at least a Private Pilot Certificate
- II. Flight experience:
 - A. 50 hours pilot-in-command cross-country flights, including at least one trip of at least 250 NM, along airways or ATC-directed routing, including three different kinds of approaches with the use of navigation systems at different airports under the supervision of your CFII where you are the sole manipulator of the controls;
 - B. 40 hours of simulated or actual instrument time (of which up to 20 hours can be in an instrument ground trainer);
 - C. 15 hours of instrument flight instruction with a CFII (a CFI who has been certificated to instruct instrument flight).
- III. Receive appropriate ground instruction to learn:
 - A. FARs applicable to IFR;
 - B. Navigation applicable to IFR;
 - C. Weather applicable to IFR;
 - D. Safe and efficient flying skills applicable to IFR.
- IV. Pass the FAA written exam with a score of 70% or better.
- V. Flight instruction and development of the necessary skills to pass the instrument practical (flight) test.
- VI. Pass the FAA practical test.

All rates quoted are subject to change

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Commercial Certificate

This certificate allows you to fly an airplane and carry passengers and/or cargo for compensation or hire.

The following are some of the requirements necessary to obtain a commercial certificate. As with any rating, you must be able to read, speak, and understand English. To fly for hire you must hold either a 1st, or 2nd class medical certificate.

- I. Hold a second-class FAA medical certificate.
- II. Pass the FAA written exam with a score of 70% or better.
- III. A total of 250 hours of flight time is required (with no more than 50 hours in ground trainers/simulators). Flight time must include:
 - A. 100 hours in powered aircraft, including at least:
 1. 50 hours in airplanes; and
 2. 10 hours of flight instruction and practice given by an authorized flight instructor in a complex airplane (one having a retractable landing gear, flaps, and a controllable pitch propeller).
 - B. 50 hours of flight instruction given by a CFI, including:
 1. 10 hours of instrument instruction, of which at least 5 hours must be in flight in airplanes (not applicable if you have an instrument rating); and
 2. 10 hours of instruction in preparation for the commercial pilot flight test; and
 - C. 100 hours of pilot-in-command time, including at least:
 1. 50 hours in airplanes;
 2. 50 hours of cross-country flights, each flight with a landing at a point more than 50 NM from the original departure point. One flight must have landings at a minimum of three points, one of which is at least 250 NM from the original departure point;
 3. 5 hours of night flying including at least 10 takeoffs and landings as sole manipulator of the controls;
 4. Hold an instrument rating (to fly for hire beyond 50nm and/or at night);
 5. Obtain required flight instruction (no minimum amount prescribed);
 6. Successfully complete an FAA practical test.

Multi-engine Rating

The following are some of the requirements necessary to obtain a Multi-engine Rating. Note that for all ratings/certificates, you must hold a 1st, 2nd, or 3rd class medical certificate and you must be able to read, speak, and understand English.

Although the FAA is not specific about the amount of hours required, Aspen Flying Club's insurance requires:

1. Private and multi-engine rating;
2. 350 minimum total hours;
3. 50 hours multi, and a check out; **OR**
4. Aspen multi-engine rating which will be a minimum of 10 hours make and model; and
5. Ground school with an Aspen Flying Club CFI.



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Flight Instructor Certificate

This certificate allows you to give flight and ground instruction, i.e., to teach others how to fly.

What is the approximate cost for a Flight Instructor Certificate?

There are no minimum flight training times specified by the FAA, however, our experience for the average student suggests the following requirements might be expected.

5 Hours Flight Time in a Cessna 172 @ \$96/hr	\$480
5 Hours Flight Time in a Cessna 172RG (retractable gear) @ \$132/hr.....	660
30 Hours Instructor Time (flight and ground) @ \$40/hr	<u>1,200</u>

\$2,340

What are the requirements for a Flight Instructor Certificate?

The following are some of the requirements necessary to obtain CFI (Certified Flight Instructor) and CFII (Instrument) certificates. Note that for all ratings/certificates, you must hold a 1st, 2nd, or 3rd class medical certificate and you must be able to read, speak, and understand English.

1. Be at least 18 years old.
2. Read, write, and be fluent in English.
3. Hold a Commercial or ATP certificate.
4. Hold a 2nd class FAA medical certificate.
5. Hold an Instrument Rating.
6. Pass the FAA flight instructor written exam with a score of 70% or better.
7. Pass the FAA "Fundamentals of Instructing" written exam.
8. Obtain required flight instruction:
 - A. A minimum amount of flight instruction is not prescribed by the FAA
 - B. Flight instruction must be given by a person who has held a Flight Instructor Certificate during the 24 months immediately preceding the date the instruction is given and who has given at least 200 hours of flight instruction as a CFI.
9. Successfully complete a practical (flight) test.

In order to instruct pilots working toward their instrument rating, you must be an instrument instructor (CFII), which requires more training, another written test, and a flight test. The FAA written test consists of 50 questions from the same questions used on the FAA written test for the instrument rating; i.e., you (in effect) retake your instrument written test. The flight test consists of the instrument flight test maneuvers except you must explain the maneuvers as you perform them and you sit in the right seat.

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