



# AVIATION SCIENCE

## Requirements for Airmen Certifications

You must be at least 17 years old, at the time of certification, and possess a current FAA medical certificate.

### Private Pilot

The course, based on two or three sessions per week, takes about six months.

#### Private Pilot FAA Requirements:

- \* Minimum 40 hours (hrs.) total flight time
- The national average is 65 to 75 hrs
- 20 hrs. of dual flight time (with an instructor)
  - 3 hrs. of cross-country flight training
  - 3 hrs. at night with 10 takeoffs and landings
  - 100 nautical mile (nm.) night cross-country flight
  - 3 hrs. of instrument training
  - 3 hrs. preparing for the FAA checkride
- 10 hrs. of solo flight time (without an instructor)
  - 5 hrs. of cross-country flying
  - 150 nm. cross-country flight

#### Private Pilot Flight Training Sequence:

1. Presolo
2. Solo (an experience you'll never forget)
3. Advanced maneuvers and cross-country flying
4. Solo cross-country flight
5. Instrument and night flying
6. 150 nm. cross-country flight
7. Review for the FAA written test
8. Review for the FAA checkride

### Instrument Pilot

The course, based on two or three sessions per week, is normally about four months.

#### Instrument Pilot FAA Requirements:

- \* Minimum 40 hours (hrs.) total flight time
- The national average is 60 to 65 hrs.
- 50 hrs. of cross-country flight time as pilot-in-command
- \* 40 hrs. of simulated or actual instrument flight time
- 20 hrs. may occur in an FAA approved, advanced simulation training device (33F6), which OC5 uses in order to reduce costs and greatly improve training efficiency.
- 15 hrs. of instrument instruction in an airplane
- 250 nm. instrument cross-country flight
- 3 hrs. preparing for the FAA checkride

#### Instrument Pilot Flight Training Sequence:

1. Instrument scanning and interpretation
2. Radio and GPS navigation
3. Holding patterns
4. Instrument approaches
5. Cross-country flying
6. Review for the FAA written test
7. Review for the FAA checkride

### Commercial Pilot

The course, based on two or three sessions per week, is normally about two months.

#### Commercial Pilot FAA Requirements:

- 250 hrs. total flight time (50 hrs. of FTD time allowed)
- 100 hrs. in powered aircraft
- 100 hrs. pilot-in-command (no flight instructor)
  - 50 hrs. in an airplane
  - 50 hrs. of cross-country flying

- 20 hrs. of training (ground and flight)
  - 10 hrs. of instrument training
  - 10 hrs. of instruction in a complex airplane
  - 100 nm., 2 hr. day cross-country flight
  - 100 nm., 2 hr. night cross-country flight
  - 3 hrs. preparing for the FAA checkride

- 10 hrs. of solo flying
  - One 300 nm. flight that's at least 250 nm.
  - 5 hrs. of night flying with 10 takeoffs and landings