

# Private Pilot FARs

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## Gleim sections

{ x.x } means question occurs in Gleim section x.x

## Definitions

- FAR 1.1
  - o Administrator
  - o **Air traffic clearance** { 4.1 }
  - o Altitude engine
  - o **Category** { 4.1 }
  - o **Class** { 4.1 }
  - o Commercial operator
  - o Flight crewmember
  - o Flight time
  - o Flight visibility
  - o Ground visibility
  - o Large aircraft
  - o Maintenance
  - o Major alteration
  - o Major repair
  - o Minor alteration
  - o Minor repair
  - o **Night** { 4.1 }
  - o Operate
  - o Operational control
  - o Over-the-top
  - o Pilotage
  - o Pilot in command
  - o Preventive maintenance
  - o Rating
  - o Second in command
  - o Small aircraft
  - o Type
  - o VFR over-the-top
- FAR 1.2
  - o AGL
  - o ATC
  - o CAS
  - o DME
  - o HIRL
  - o IAS
  - o ICAO
  - o MSL
  - o RAIL
  - o REIL
  - o TACAN
  - o TAS

- o TCAS
- o **Va, Vfe, Vle, Vlo, Vne, Vno, Vs0, Vs1, Vx, Vy** { 4.1 }
- o VFR
- o VHF
- o VOR
- o VORTAC
- FAR 1.3

## Maintenance and Inspections

### Subjects

- Responsibility for airworthiness – 91.7, 91.403, 91.405
- Required documents
  - o Certifications – 91.203
  - o Airworthiness certificates – 21.181
  - o Manuals and markings – 91.9
- ADs – 39.1, 39.3
- Required inspections
  - o Annual/100 hour – 91.409
  - o Static system (IFR only) – 91.411
  - o Transponder – 91.413
  - o ELT – 91.207
- Performing maintenance and preventive maintenance – 43.3, 43.13, 43.15, Part 43 Appendix A(c)
  - o Private pilot privileges
- Maintenance records – 43.9, 43.11, 43.12, 91.417
  - o Logbook entry format
  - o Required to keep – records and duration
- Returning an aircraft to service – 43.5, 43.7, 91.407
  - o Private pilot privileges
- Inoperative equipment – 91.205, 91.213

### FARs

- **FAR 21.181 – Duration of airworthiness certificate** { 4.2 }

Sec. 21.181 - Duration.

(a) Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, airworthiness certificates are effective as follows:

(1) Standard airworthiness certificates, special airworthiness certificates -- primary category, and airworthiness certificates issued for restricted or limited category aircraft are effective as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Parts 43 and 91 of this chapter and the aircraft are registered in the United States.

(2) A special flight permit is effective for the period of time specified in the permit.

(3) An experimental certificate for research and development, showing compliance with regulations, crew training, or market surveys is effective for one year after the date of issue or renewal unless a shorter period is prescribed by the Administrator. The duration of amateur-built, exhibition, and air-racing experimental certificates will be unlimited unless the Administrator finds for good cause that a specific period should be established.

(b) The owner, operator, or bailee of the aircraft shall, upon request, make it available for inspection by the Administrator.

(c) Upon suspension, revocation, or termination by order of the Administrator of an airworthiness certificate, the owner, operator, or bailee of an aircraft shall, upon request, surrender the certificate to the Administrator.

- **FAR 39.1 – ADs** { 4.2 }

Sec. 39.1 - Applicability.

This part prescribes airworthiness directives that apply to aircraft, aircraft engines, propellers, or appliances (hereinafter referred to in this part as "products") when --

- (a) An unsafe condition exists in a product; and
- (b) That condition is likely to exist or develop in other products of the same type design.

- **FAR 39.3 – ADs** { 4.2 }

Sec. 39.3 - General.

No person may operate a product to which an airworthiness directive applies except in accordance with the requirements of that airworthiness directive.

- **FAR 43.3(a)-(g), (j) – Persons authorized to perform maintenance** { 4.3 }
- FAR 43.5 – Approval for return to service
- **FAR 43.7 – Persons authorized to approve aircraft for return to service** { 4.3, 4.7 }
- **FAR 43.9 – Maintenance records** { 4.3 }
- FAR 43.11 – Inspections
- FAR 43.12 – Falsification
- FAR 43.13(a)-(b) – Performance rules
- FAR 43.15(a),(c) – Performance rules
- **FAR Part 43 Appendix A(c) – Preventive maintenance** { 4.3 }
- **FAR 91.7 – Civil aircraft airworthiness** { 4.7 }
- **FAR 91.9 – Civil aircraft flight manual, marking, and placard requirements** { 4.7 }
- **FAR 91.203 – Civil aircraft: certifications required** { 4.7 }
- FAR 91.205 – Powered civil aircraft with standard category U.S. airworthiness certificates: Instrument and equipment requirements
- **FAR 91.207 – Emergency locator transmitters** { 4.7 }
- FAR 91.213 – Inoperative instruments and equipment
- **FAR 91.403 – General (maintenance)** { 4.7 }
- **FAR 91.405 – Maintenance required** { 4.7 }
- **FAR 91.407 – Operation after maintenance, preventive maintenance, rebuilding, or alteration** { 4.7 }
- **FAR 91.409 – Inspections** { 4.7 }
- **FAR 91.413 – ATC transponder tests and inspections** { 4.7 }
- **FAR 91.417 – Maintenance records** { 4.7 }

## Private Pilots

### Subjects

- Background – 61.1
  - Authorized instructor
  - Cross-country time
- Pilot certificates and privileges – 61.3, 61.5, 61.17, 61.19, 61.31, 61.60, 61.109, 61.113
  - Types of certificates and ratings
  - Pilot certificate and medical in possession
  - Instrument rating requirement
  - Duration of student pilot certificate

- o Complex, high-performance, high altitude, tailwheel
- o Change of address
- o Private pilot flight experience – dual, solo, XC, etc.
- o Private pilot privileges and limitations
  - Compensation or hire
  - Passenger payment
  - Charitable airlift
  - Search and location operations
  - Aircraft salesman
  - Glider towing
- Medical certificates – 61.23, 61.53
  - o Classes and durations
  - o Medical deficiency
- Knowledge and practical tests – 61.35, 71.37, 61.43, 61.45, 61.47, 61.49
  - o Endorsements
  - o Knowledge test requirement for practical and time limit
  - o Recent training
  - o Failure and retest
  - o Contents of a practical test
  - o Required aircraft and equipment
  - o Status of an examiner
- Logging of flight time – 61.51
  - o Logging requirements
  - o General entries – date, time, location, aircraft, type of pilot, conditions
  - o Solo
  - o PIC
  - o Instrument
  - o Training
  - o Presentation of logbook to authorities
  - o Student pilot requirements to carry logbook
- Currency – 61.56, 61.57
  - o BFR
  - o Carrying passengers
  - o Carrying passengers at night
  - o Carrying passengers in a tailwheel airplane
- Glider towing – 61.69
- Doing bad things – 61.15, 61.16, 61.39, 61.59
  - o Conviction for federal drug crime
  - o DUI/DWI conviction
  - o Drug and alcohol tests
  - o Cheating on knowledge test

## FARs

- FAR 61.1 – Definitions
- **FAR 61.3 – Requirements for certificates** { 4.4 }
- FAR 61.5 – Certificates and ratings
- FAR 61.15 – Alcohol and drugs
- FAR 61.16 – Refusal to submit to alcohol or drug test
- FAR 61.17 – Temporary certificate
- FAR 61.19 – Duration of pilot certificate
- **FAR 61.23 – Duration of medical** { 4.4 }
- **FAR 61.31 – Type ratings and additional training** { 4.4 }
- FAR 61.35 – Knowledge test: prerequisites

- FAR 61.37 – Knowledge test: cheating
- FAR 61.39 – Practical test: prerequisites
- FAR 61.43 – Practical test: procedures
- FAR 61.45 – Practical test: aircraft
- FAR 61.47 – Status of an examiner
- FAR 61.49 – Retesting after failure
- FAR 61.51 – Pilot logbooks
- FAR 61.53 – Medical deficiency
- **FAR 61.56 – Flight review** { 4.4 }
- **FAR 61.57 – Recent flight experience** { 4.4 }
- FAR 61.59 – Falsification of records
- **FAR 61.60 – Change of address** { 4.4 }
- **FAR 61.69 – Glider towing** { 4.4 }
- FAR 61.109 – Private pilot flight experience
- **FAR 61.113 – Private pilot privileges and limitations** { 4.4 }

## Medical Certification

- FAR Part 67

## General Operations and Flight Rules

### Subjects

- Authority and responsibility
  - Pilot in command – 91.3
  - Compliance with ATC clearances – 91.123
- Miscellaneous safety
  - Dropping objects – 91.15
  - Careless operation – 91.13
  - Operating near other aircraft – 91.111
  - Alcohol and carrying of intoxicated passengers – 91.17
- Flight planning
  - Preflight action – 91.103
  - Fuel requirements – 91.151
- Rules of the air
  - Safety belts and shoulder harnesses
    - Crewmember stations – 91.105
    - Passengers – 91.107
  - Right-of-way – 91.113, 91.115
    - In distress, converging, head-on, overtaking, landing
  - Speed limits – 91.117
  - Safe altitudes – 91.119
    - Emergency landing, congested, sparsely populated
  - VFR cruising altitudes – 91.159
- In-flight operations
  - Aircraft lights – 91.209
  - Supplemental oxygen – 91.211
  - Transponder – 91.215, 91.217
- Extreme flying
  - Aerobatics – 91.303

- o Parachutes – 91.307
  - Rigging requirements
  - Required use
  - Exclusions
- Other aircraft categories
  - o Restricted – 91.313
  - o Experimental – 91.319
- Aviation Safety Reporting Program (ASRS) – 91.25

## FARs

- **FAR 91.3 – Responsibility and authority of the pilot in command** { 4.7 }
- FAR 91.13 – Careless or reckless operation
- **FAR 91.15 – Dropping objects** { 4.7 }
- **FAR 91.17 – Alcohol or drugs** { 4.7 }
- FAR 91.25 – Aviation Safety Reporting Program
- **FAR 91.103 – Preflight action** { 4.7 }
- **FAR 91.105 – Flight crewmembers at stations** { 4.7 }
- **FAR 91.107 – Use of safety belts, shoulder harnesses, and child restraint systems** { 4.7 }
- **FAR 91.111 – Operating near other aircraft** { 4.7 }
- **FAR 91.113 – Right-of-way rules: Except water operations** { 4.7 }
- **FAR 91.115 – Right-of-way rules: Water operations** { 4.7 }
- **FAR 91.117 – Aircraft speed** { 4.7 }
- **FAR 91.119 – Minimum safe altitudes: General** { 4.7 }
- **FAR 91.123 – Compliance with ATC clearances and instructions** { 4.7 }
- **FAR 91.151 – Fuel requirements for flight in VFR conditions** { 4.7 }
- **FAR 91.159 – VFR cruising altitude or flight level** { 4.7 }
- **FAR 91.209 – Aircraft lights** { 4.7 }
- **FAR 91.211 – Supplemental oxygen** { 4.7 }
- FAR 91.215 – ATC transponder and altitude reporting equipment and use
- FAR 91.217 – Data correspondence between automatically reported pressure altitude data and the pilot's altitude reference
- **FAR 91.303 – Aerobatic flight** { 4.7 }
- **FAR 91.307 – Parachutes and parachuting** { 4.7 }
- **FAR 91.313 – Restricted category civil aircraft: Operating limitations** { 4.7 }
- **FAR 91.319 – Aircraft having experimental certificates: Operating limitations** { 4.7 }

## Accident Reporting

- **NTSB Part 830** { 4.8 }
  - o Definitions of:
    - Accident
    - Incident
    - Serious injury
    - Substantial damage
  - o Requirements for immediate notification
  - o Preservation of wreckage