


## Pilot Qualifications

<b>Objective</b>	
<p>To ensure the applicant learns the requirements for the various pilot and medical certificates, as well as their privileges and limitations.</p>	
<b>Purpose</b>	
<p>All pilots must know the rules to ensure that they are legal to fly. This lesson introduces pilots to the rules governing the various classes of pilot and medical certificates, as well as the recency of experience requirements, and the requirements for logbook entries.</p>	<b>Schedule</b>
<ul style="list-style-type: none"> <li>● <b>Ground Lesson:</b> 15 minutes</li> <li>● <b>Student Q&amp;A:</b> 10 minutes</li> </ul>	<b>Equipment</b> <ul style="list-style-type: none"> <li>● FAR/AIM</li> <li>● Whiteboard / Markers (optional)</li> </ul>
<b>Student Actions</b>	<b>Instructor Actions</b>
<ul style="list-style-type: none"> <li>● Ask any questions, receive study material for the next lesson.</li> <li>● Review listed references.</li> </ul>	<ul style="list-style-type: none"> <li>● Deliver the ground lesson (below).</li> <li>● Answer student questions.</li> </ul>
<b>Completion Standards</b>	
<ul style="list-style-type: none"> <li>● Student can explain the following concepts: <ul style="list-style-type: none"> <li>● The requirements for obtaining the pilot certificate they are seeking, plus the privileges and limitations</li> <li>● The classes and durations of medical certificates, as well as the medical certificate required for their flying</li> <li>● The recent flight experience required as PIC</li> <li>● The requirements for logging flight time and the contents of a logbook entry</li> <li>● The certificates and documents that pilots must carry with them to exercise the privileges of their certificates</li> </ul> </li> </ul>	

## References

- 14 CFR Part 61 (FAR, Certification of Pilots)
- 14 CFR Part 67 (FAR, Medical Certificates)
- 14 CFR Part 91 (FAR, General Operating and Flight Rules)
- FAA-S-ACS-6C (Private Pilot ACS) - Area I Task A
- FAA-S-ACS-7B (Commercial Pilot ACS) - Area I Task A
- FAA-S-ACS-25 (CFI ACS) - Area III Task A

## Ground Lesson Outline

- Training for Pilot Certificates
  - Recreational Pilot - Part 61 Subpart D - § 61.99
    - 30 hours Total, 15 hours Dual, 3 hours Solo, 2 hours Dual XC (>25nm)
  - Private Pilot - Part 61 Subpart C (Student Pilots), Part 61 Subpart E (Private Pilots) - § 61.109
    - 40 hours Total, 20 hours Dual, 10 hours Solo, 3 hours Night, 3 hours Instrument, 5 hours solo XC, 3 hours Dual XC
  - Commercial Pilot - Part 61 Subpart F (Commercial Pilots) - § 61.129
    - Hold at least a PPL
    - 250 hours Total, 100 PIC (50 Airplane, 50 XC), 20 hours Dual, 10 hours Complex/TAA Dual, 10 hours Instrument Dual, 10 hours Solo (XC), 5 hours Solo Night VFR (TAA Defn. - § 61.129(j))
- Privileges and Limitations
  - Recreational Pilot - § 61.101
    - Maximum 1 Passenger
    - Generally remain <50nm home airport - Otherwise, need training and endorsement
  - Private Pilot - § 61.113
    - No Flying for Compensation or Hire, Must Pay at Least Pro-Rata Share
      - Exception: Solo when flying is incidental to the business, e.g. traveling lawyer
    - At least 3rd Class Medical or BasicMed
  - Commercial Pilot - § 61.133
    - Can fly for Compensation or Hire
      - Operations that don't need operating certificate - § 119.1(e)
        - Ferry flights, banner towing, crop dusting, parachute drop, etc.
    - At least 2nd Class Medical to exercise Privileges
    - No Instrument Rating - No Passengers For Hire > 50nm or at Night - § 61.133(b)(1)
  - Certificates and documents that pilots must carry with them
- Class and Duration of Medical Certificates - § 61.23
  - 1st Class - <40 12 Calendar Mos, >40 6 Calendar Mos - When Using ATP Privileges
  - 2nd Class - 12 Calendar Mos - When Using ATP SIC or CPL Privileges
  - 3rd Class - <40 60 Calendar Mos, > 40 24 Calendar Mos - When Using PPL or Required Crewmember
  - Part 68 BasicMed - Restrictions on airplane and operations - § 61.113(i)
  - Special Issuance, SODA - § 67.401
- Recent Pilot Flight Experience Requirements - § 61.57
  - Flight Review, Takeoffs and Landings for Passenger Carrying, Night Currency, Proficiency vs Currency
- Required Logbook Entries
  - Format of a Log Entry
    - All entries - §61.51(b)
      - Date, Flight Time, To/From, Type and Identifier, Safety Pilot Name (if required), Type of Experience (Solo/PIC/Dual/etc), Conditions of Flight (Day/Night/Sim IMC/etc)
    - Training - §61.51(h)
      - Endorsed legibly (signed) by authorized instructor, certificate #, certificate expiration, description of the training given, training time
  - Only required to meet recency of experience or for earning a certificate

## Ground Lesson Content



- **Training for Pilot Certificates**
  - **Recreational Pilot - Part 61 Subpart D - § 61.99**
    - 30 hours Total, 15 hours Dual, 3 hours Solo, 2 hours Dual XC (>25nm)
  - **Private Pilot - Part 61 Subpart C (Student Pilots), Part 61 Subpart E (Private Pilots) - § 61.109**
    - 40 hours Total, 20 hours Dual, 10 hours Solo, 3 hours Night, 3 hours Instrument, 5 hours solo XC, 3 hours Dual XC
  - **Commercial Pilot - Part 61 Subpart F (Commercial Pilots) - § 61.129**
    - Hold at least a PPL
    - 250 hours Total, 100 PIC (50 Airplane, 50 XC), 20 hours Dual, 10 hours Complex/TAA Dual, 10 hours Instrument Dual, 10 hours Solo (XC), 5 hours Solo Night VFR
      - **TAA Defined - § 61.129(j)**
- **Privileges and Limitations**
  - **Recreational Pilot - § 61.101**
    - Maximum 1 Passenger
    - Generally remain <50nm home airport - Otherwise, need training and endorsement
  - **Private Pilot - § 61.113**
    - No Flying for Compensation or Hire, Must Pay at Least Pro-Rata Share
      - Exception: Solo when flying is incidental to the business, e.g. traveling lawyer
    - At least 3rd Class Medical or BasicMed
  - **Commercial Pilot - § 61.133**
    - Can fly for Compensation or Hire
      - **Operations that don't need operating certificate - § 119.1(e)**
        - Ferry flights, banner towing, crop dusting, parachute drop, etc.
    - At least 2nd Class Medical to exercise Privileges
    - **No Instrument Rating - § 61.133(b)(1)**
      - No Passengers For Hire > 50nm or at Night
  - **Certificates and documents that pilots must carry with them**
    - Government issued photo ID
    - Pilot Certificate (student pilot certificate if on solo)
    - Medical Certificate.
    - If on a solo, must have their logbook with all solo endorsements.
    - (For international flights) Restricted Radiotelephone Operators License
- **Class and Duration of Medical Certificates - § 61.23** - Certificates can be used for the privileges of a lower class medical after expiration of the higher class privileges, subject to those expirations

UNITED STATES OF AMERICA Department of Transportation Federal Aviation Administration						
MEDICAL CERTIFICATE _____ CLASS						
This certifies that (Full name and address):						
Date of Birth	Ht.	Wt.	Hair	Eyes	Sex	
_____						
has met the medical standards described in Part 67, Federal Aviation Regulations, for this class of Medical Certificate.						
Limitations	_____					
	_____					
Date of Examination			Examiner's Serial No.			
Examiner	Signature					
	Typed Name					
AIRMAN'S SIGNATURE						

FAA FORM 8500-9 (7-92) Supersedes Previous Edition

- **1st Class**
  - **<40 12 Calendar Months, >40 6 Calendar Months**
  - When Using ATP Privileges
- **2nd Class**
  - **12 Calendar Months**
  - When Using ATP SIC or CPL Privileges
- **3rd Class**
  - **<40 60 Calendar Months, > 40 24 Calendar Months**
  - When Using PPL or Required Crewmember
- **Part 68 BasicMed** - Applies restrictions to airplane and operation - § 61.113(i)
- **Special Issuance** - Can be granted by FAA for people not otherwise eligible if they perform additional tests, etc.
- **SODA - § 67.401** - Statement of Demonstrated Ability
  - Can be used when someone is ineligible but can demonstrate ability to FAA representative
- **Recent Pilot Flight Experience Requirements**
  - **Flight Review - § 61.56**
    - 1 hour of flight and 1 hour of ground training, plus endorsement, in previous 24 calendar months

REMARKS AND ENDORSEMENTS
I certify that (First name, MI, Last name), (pilot certificate) (certificate number) has satisfactorily completed a flight review of §61.56(b) on (date). S/S [date] J.J. Jones 987654321 CFI Exp. 12-31-2007

- **Takeoffs and Landings for Passenger Carrying - § 61.57(a)(1)**
  - Sole manipulator of the controls
  - 3 takeoffs and 3 landings in the preceding 90 days
- **Night Currency - § 61.57(b)(1)**
  - Sole manipulator of the controls
  - 3 takeoffs and 3 landings to a full stop, in the period 1 hour after sunset to 1 hour before

sunrise in the preceding 90 days

- **Proficiency vs Currency** - Being legally current is not sufficient!
- **Required Logbook Entries**
  - **Format of a Log Entry**
    - **All entries - §61.51(b)**
      - Date, Flight Time, To/From, Type and Identifier, Safety Pilot Name (if required), Type of Experience (Solo/PIC/Dual/etc), Conditions of Flight (Day/Night/Sim IMC/etc)
    - **Training - §61.51(h)**
      - Endorsed legibly (signed) by authorized instructor, certificate #, certificate expiration, description of the training given, training time
  - Only required to meet recency of experience or for earning a certificate

YEAR 20__	AIRCRAFT MAKE & MODEL	AIRCRAFT IDENT.	POINTS OF DEPARTURE & ARRIVAL		REMARKS, PROCEDURES, MANEUVERS	NO. INSTR. APP.	NO. LDG.	AIRCRAFT CATEGORY				CONDITIONS OF FLIGHT				TYPE OF PILOTING TIME			TOTAL DURATION OF FLIGHT			
			FROM	TO				AIRPLANE SEL.	AIRPLANE MEL.	CROSS COUNTRY	DAY	NIGHT	ACTUAL INSTR.	SIMULATED INSTR.	GROUND TRAINER	DUAL RECEIVED	PILOT IN COMMAND					
I certify that the statements made by me on this form are true. PILOT'S SIGNATURE _____						PAGE TOTAL																
						AMT. FORWARD																
						TOTAL TO DATE																