


14 CFR and Publications

Objective	
<p>To ensure the applicant learns the purpose of and can exhibit a clear understanding of the various FAA publications commonly used by pilots.</p>	
Purpose	
<p>Mastering the rules and regulations is critical for all pilots. This lesson introduces pilots to the various FAA publications available to pilots, as well as their general purpose, content, and availability.</p>	
Schedule	Equipment
<ul style="list-style-type: none"> ● Ground Lesson: 15 minutes ● Student Q&A: 10 minutes 	<ul style="list-style-type: none"> ● FAR/AIM ● Airplane POH ● ACS/PTS Documents ● Whiteboard / Markers (optional)
Student Actions	Instructor Actions
<ul style="list-style-type: none"> ● Ask any questions, receive study material for the next lesson. ● Review listed references. 	<ul style="list-style-type: none"> ● Deliver the ground lesson (below). ● Answer student questions.
Completion Standards	
<ul style="list-style-type: none"> ● Student can explain the general content of the following: <ul style="list-style-type: none"> ● 14 CFR Part 1, 61, and 91, NTSB 830 ● Advisory Circulars ● AIM ● Legal Interpretations ● Aviation Handbooks ● POH/AFMs ● ACS/PTS Documents 	

References

- 14 CFR (Federal Aviation Regulations)
- FAA-H-8083-3C (Airplane Flying Handbook)
- FAA-H-8083-25B (Pilot's Handbook of Aeronautical Knowledge)
- FAA-S-ACS-25 (CFI ACS) - Area II Task J

Ground Lesson Outline

- Federal Aviation Regulations - Often called the FAR's
 - 14 CFR Part 1 - Definitions and Abbreviations
 - 14 CFR Part 61 - Certification of Pilots and Instructors
 - Standards and training requirements for each level of pilot certificate, logging of time, medical requirements, etc.
 - 14 CFR Part 91 - General Operating Rules
 - PIC Authority, General Rules, Airspace Visibility and Equipment Rules, Required Equipment and Inspections, etc.
- NTSB Part 830 - Deals with the reporting of aviation incidents and accidents
 - Accidents involve substantial damage, injury, etc. Requires immediate notification.
 - Incidents that also require immediate notification:
 - Flight control system malfunction or failure, Inability of crew member to perform duties due to illness or injury, Uncontained turbine engine failure, In-flight fire, Mid-air collision, Damage to non-aircraft property in excess of \$25,000 for repair or replacement, Propeller blade separation excluding that caused by ground strike, etc.
- Aeronautical Information Manual (AIM) - Information on a variety of aviation-related topics, such as non-towered airport best practices and information on ATC procedures.
- Advisory Circulars - Small documents produced by the FAA providing context and detail on important aviation topics
 - Availability - https://www.faa.gov/regulations_policies/advisory_circulars/
 - Commonly Used ACs
 - AC 60-22 - Aeronautical Decision Making, AC 60-28 - English Language Skill Standards, AC 61-65H - Certificate Standards and Endorsements, AC 61-67 - Stall and Spin Awareness Training, AC 61-98D - Flight Reviews and Instrument Proficiency Checks, AC 61-142 - Cost Sharing, AC 90-66C - Non-Towered Airport Flight Operations, AC 120-12A - Private Carriage vs. Common Carriage
- Information for Operators (InFOs) - contains valuable information for operators that should help them meet certain administrative, regulatory, or operational requirements, with relatively low urgency or impact on safety.
- Safety Alerts for Operators (SAFOs) - Contains important safety information and may include recommended action, usually for air carriers.
- Legal Interpretations - Responses from the FAA Office of the Chief Counsel to questions on FARs, considered legally binding opinions of the FAA
 - https://www.faa.gov/about/office_org/headquarters_offices/agc/practice_areas/regulations/interpretation
- Practical Test Standards / Airmen Certification Standards - Standards for the conduct of practical tests (checkrides)
- Pilot Operating Handbooks / Airplane Flying Manuals - Published by airplane manufacturers, per make/model.
 - Procedures, Emergency Procedures, Limitations, Equipment List/W&B, Description of Systems
- Handbooks
 - Airplane Flying Handbook (FAA-H-8083-3C) - How to fly an airplane, basics of flying maneuvers.
 - Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25B) - How airplanes fly.
 - Aviation Instructor's Handbook (FAA-H-8083-9B) - How to teach aviation-related subjects.
 - Aviation Weather Handbook (FAA-H-8083-28) - A wealth of weather information.