

M. Vale & Associates
Aviation Seminars

14CFR Part 43 Maintenance, Preventative
Maintenance, Rebuilding and Alteration

What we will learn...

- Who can perform maintenance
- What records are required and where do they go?
- Who can approve and “return to service”
- Performance rules

Learning Objective:

To become familiar with FAR Part 43,
Maintenance, Preventative Maintenance and
Alteration

Code of Federal Regulations (14CFR)

- Chapter 1 is Federal Aviation Administration
- Parts numbered 1-199

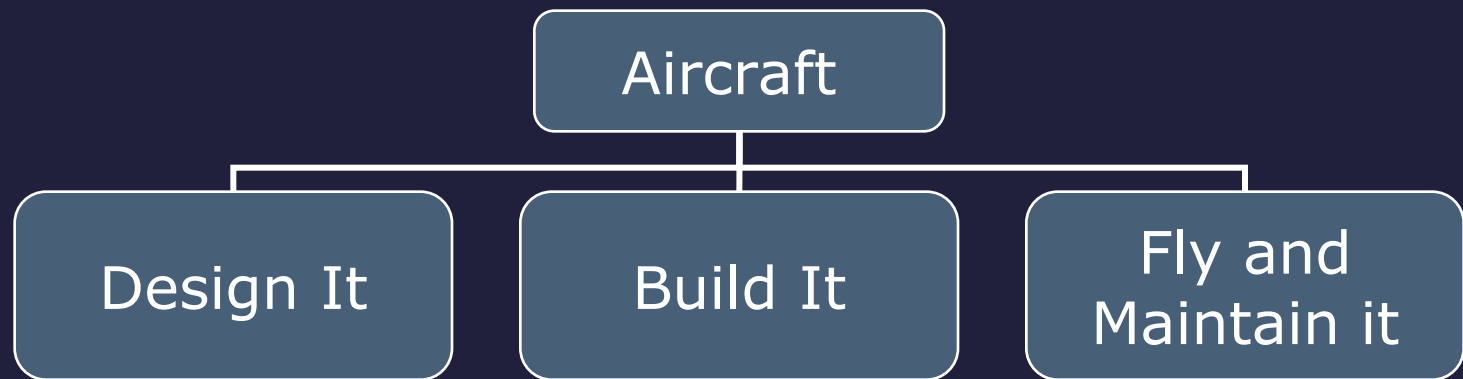
- Important parts for Technicians
 - Part 43 (Maintenance)
 - 91 General Operating Rules
 - 21 Certification of Parts and Aircraft

Part 43 Maintenance, Preventative Maintenance and Alterations

- Written by mechanics
- For mechanics

14 CFR Part 43

Maintenance, Repair and Alteration



Maintenance Part
43

History of Regulations

- Federal Aviation Administration took power in 1958
- From Civil Aeronautics Board (CAB)
- New Regulations were written
- New structure
- Original Regulations used odd numbers
- Even numbers were blank and left for future regulations..

Even Number Regulations

- Added after August 1966
- Not part of original writing

14CFR Part 43 has but 13 rules ...

- [43.1](#) Applicability.
- [43.2](#) Records of overhaul and rebuilding.
- [43.3](#) Persons authorized to perform maintenance, preventive maintenance, rebuilding, and alterations.
- [43.5](#) Approval for return to service after maintenance, preventive maintenance, rebuilding, or alteration.
- [43.7](#) Persons authorized to approve aircraft, airframes, aircraft engines, propellers, appliances, or component parts for return to service after maintenance, preventive maintenance, rebuilding, or alteration.
- [43.9](#) Content, form, and disposition of maintenance, preventive maintenance, rebuilding, and alteration records (except inspections performed in accordance with Part 91, Part 123, Part 125, 135.411(a)(1), and 135.419 of this chapter).
- [43.10](#) Life Limited Parts
- [43.11](#) Content, form, and disposition of records for inspections conducted under Parts 91 and 125 and 135.411(a)(1) and 135.419 of this chapter.
- [43.12](#) Maintenance records: Falsification, reproduction, or alteration.
- [43.13](#) Performance rules (general).
- [43.15](#) Additional performance rules for inspections.
- [43.16](#) Airworthiness Limitations.
- [43.17](#) Maintenance, preventive maintenance, and alterations performed on U.S. aeronautical products by certain Canadian persons.

43.1 Applicability

To whom does this apply?



Applicability

- (a) Except as provided in paragraph (b) of this section, this part prescribes rules governing the maintenance, preventive maintenance, rebuilding, and alteration of any –
 - (1) Aircraft having a U.S. airworthiness certificate;
 - (2) Foreign-registered civil aircraft used in common carriage or carriage of mail under the provisions of Part 121, 127, or 135 of this chapter; and
 - (3) Airframe, aircraft engines, propellers, appliances, and component parts of such aircraft.
- (b) This part does not apply to any aircraft for which an experimental airworthiness certificate has been issued, unless a different kind of airworthiness certificate had previously been issued for that aircraft.

This section (43) does not apply if...

- You are working on a foreign registered aircraft or parts
- It is a homebuilt or experimental aircraft
- It is a commercial 121 or 135 aircraft

Delta, USair,
Comair, ASA etc

