

ASA LEARNING SERIES 2020

Introduction to the Federal Aviation Regulations

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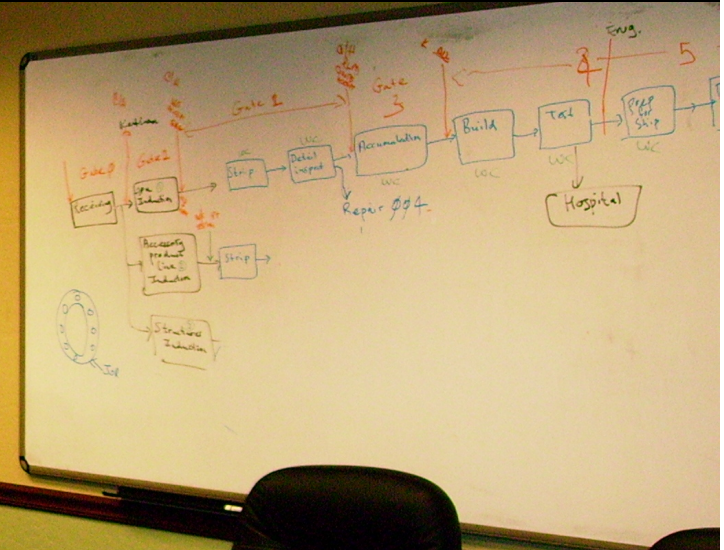
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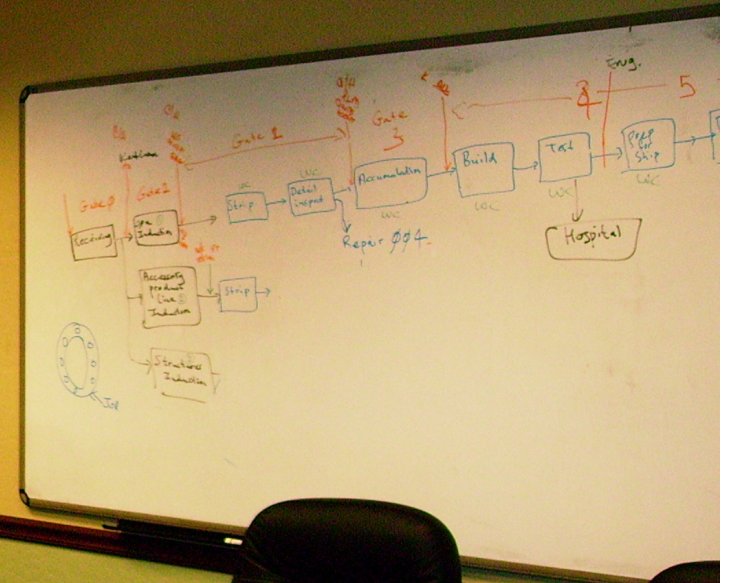
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FARs, Orders, Bulletins & ACs

Learning Outcomes. The attendee should be able to understand:

- ☑ What they are
- ☑ Who they are for
- ☑ Why they exist
- ☑ Where to find them
- ☑ How to use them.

Federal Aviation Regulations

FARs

Policy

Orders

ACs

Bulletins

Orders

ACs

Bulletins

ACs

Bulletins

FARs – What are they?



FAR' S – A Very Brief History

Before 1926...

... there were no regulations pertaining to aviation!

1926

The **Air Commerce Act of 1926** commissioned the **Department of Commerce** to:

- foster air commerce,
- issue and enforce air traffic **rules**,
- certify pilots and aircraft, and
- operate and maintain navigational aids.

1936 - 1937

- **1936:** The first year **Air Commerce** became effective.
 - required all aircraft engaged in interstate or foreign commerce to be licensed and marked with an assigned identification number.

- **1937: Civil Air Regulations (CARs)** went into effect.
 - It clasified the regulations (CARs) into **parts** and **sections numbered** using a decimal system.

1938

- Jun 23, 1938: President Roosevelt signed **the Civil Aeronautics Act of 1938** into law.
- Created the a new kind of **Federal Agency**, keeping its functions as the agent of Congress, distinct from its functions as the agent of the President.
- This new **Federal Agency** was composed of 3 elements.
 - **Civil Aeronautics Authority**
 - **Administrator of the Authority**
 - **Air Safety Board**

1944

- The **International Civil Aviation Conference** met in Chicago, known as the **Chicago Convention**.
- Attended by 52 countries.
- Rejected the "blue skies" doctrine and reaffirmed the principle of national sovereignty in airspace.
- The International **Civil Aviation Organization (ICAO)**

1940s – 1958

CAA – Civil Aeronautics Administration administered regulations via:

CARs – Civil Air Regulations and;

CAMs – Civil Aeronautics Manuals

- detailed technical information on acceptable methods of complying with regulations.

1958

- Aug 23, 1958: President Eisenhower signed **the Federal Aviation Act of 1958** (P.L. 85-726) into law.
- **Repealed:**
 - the Air Commerce Act of 1926,
 - the Civil Aeronautics Act of 1938,
 - the Airways Modernization Act of 1957
- **Created:**
 - the Federal Aviation Agency (FAA), and
 - the Civil Aeronautics Board (CAB), which was freed of its administrative ties with the **Department of Commerce**.
- **Federal Aviation Agency** (FAA) (agency) came into existence.

1964

- Dec 31, 1964: FAA completed codification of previous aviation regulatory issuances into a single body of rules, the **Federal Aviation Regulations (FAR's)**.
- **FARs** were published including new FARs such as:
 - **FAR Part 135**: covering air taxis and commercial operators of small aircraft.
 - **FAR Part 121**: covering domestic, flag, and supplemental air carriers and commercial operators of large aircraft over 12,500 lb.

1966

- Oct 15, 1966: President Johnson signed the **Department of Transportation Act** (Public Law 89-670).
- The Federal Aviation *Administration* (previously the independent Federal Aviation *Agency*) was assigned to the newly created **Department of Transportation (DOT)**.
- The NTSB, was established

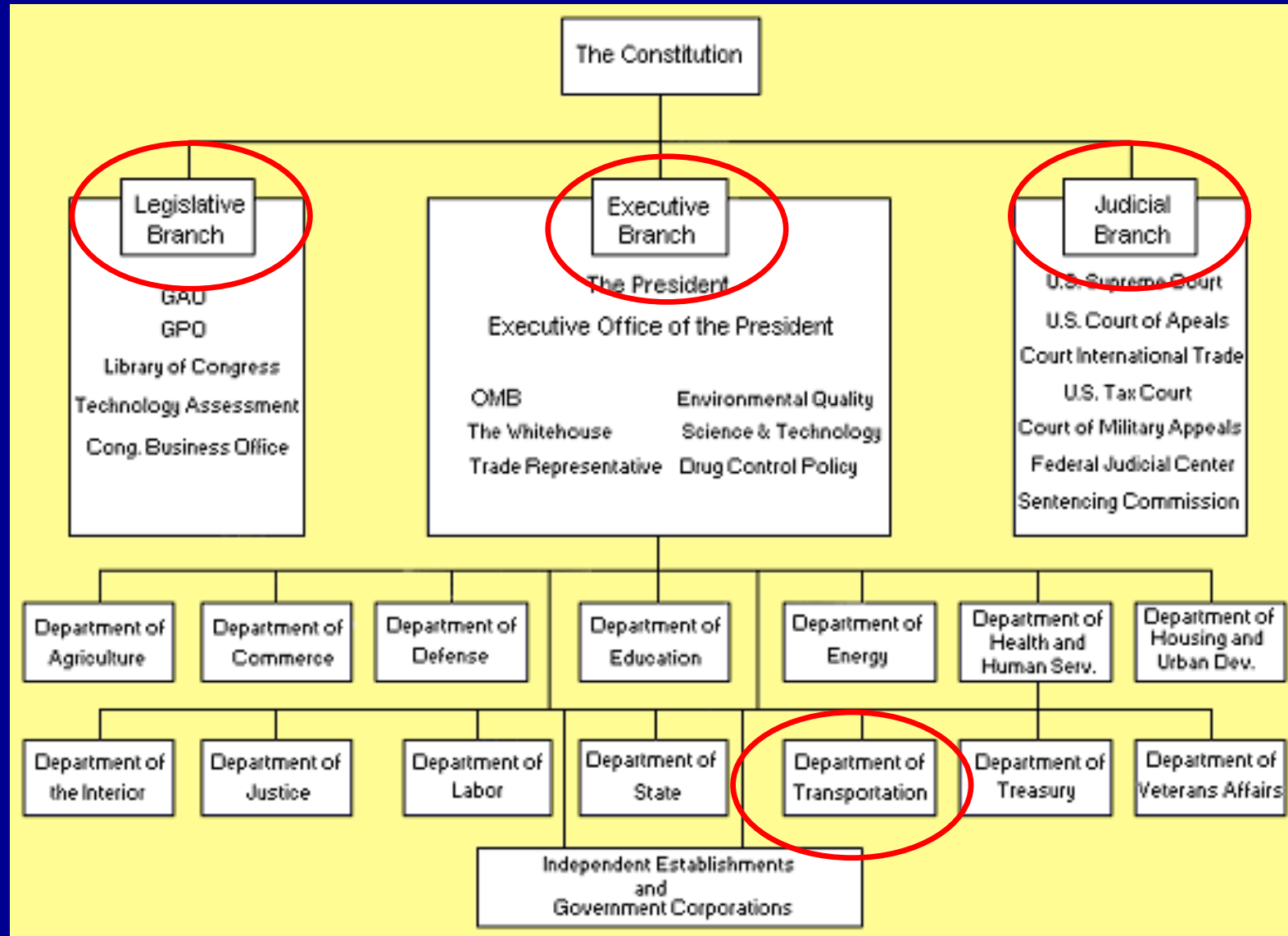
Let's fast-forward to today!...

The Cabinet



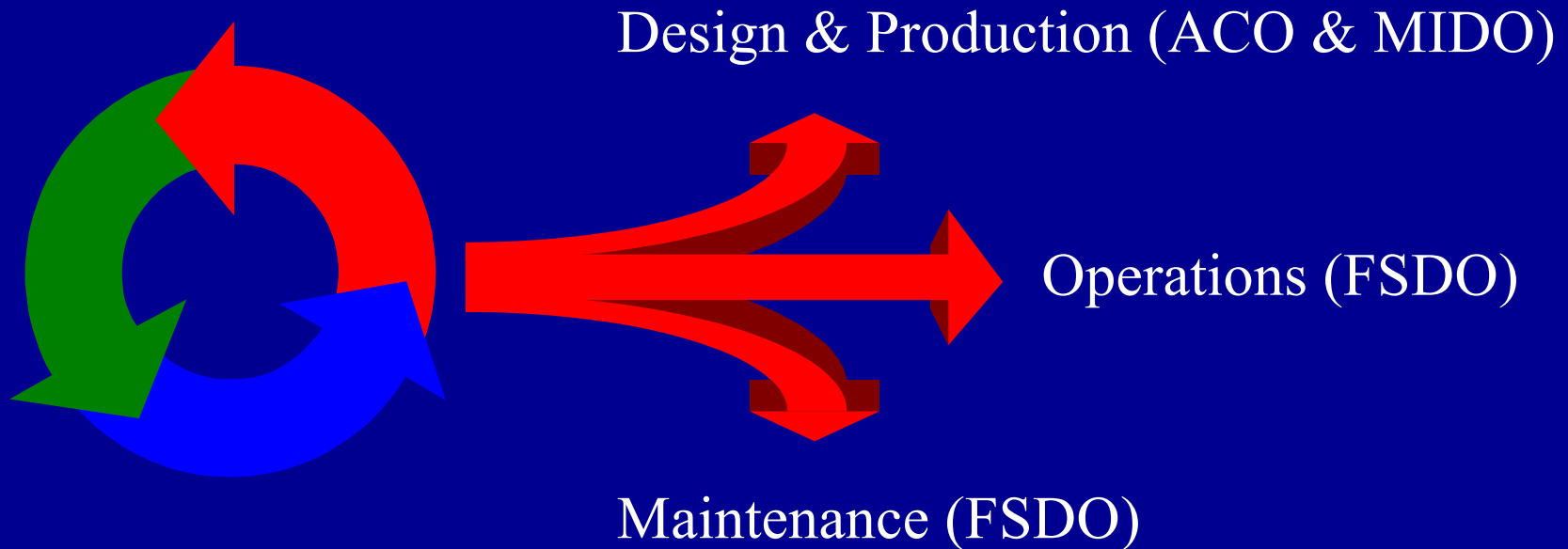
The Cabinet and Departments:

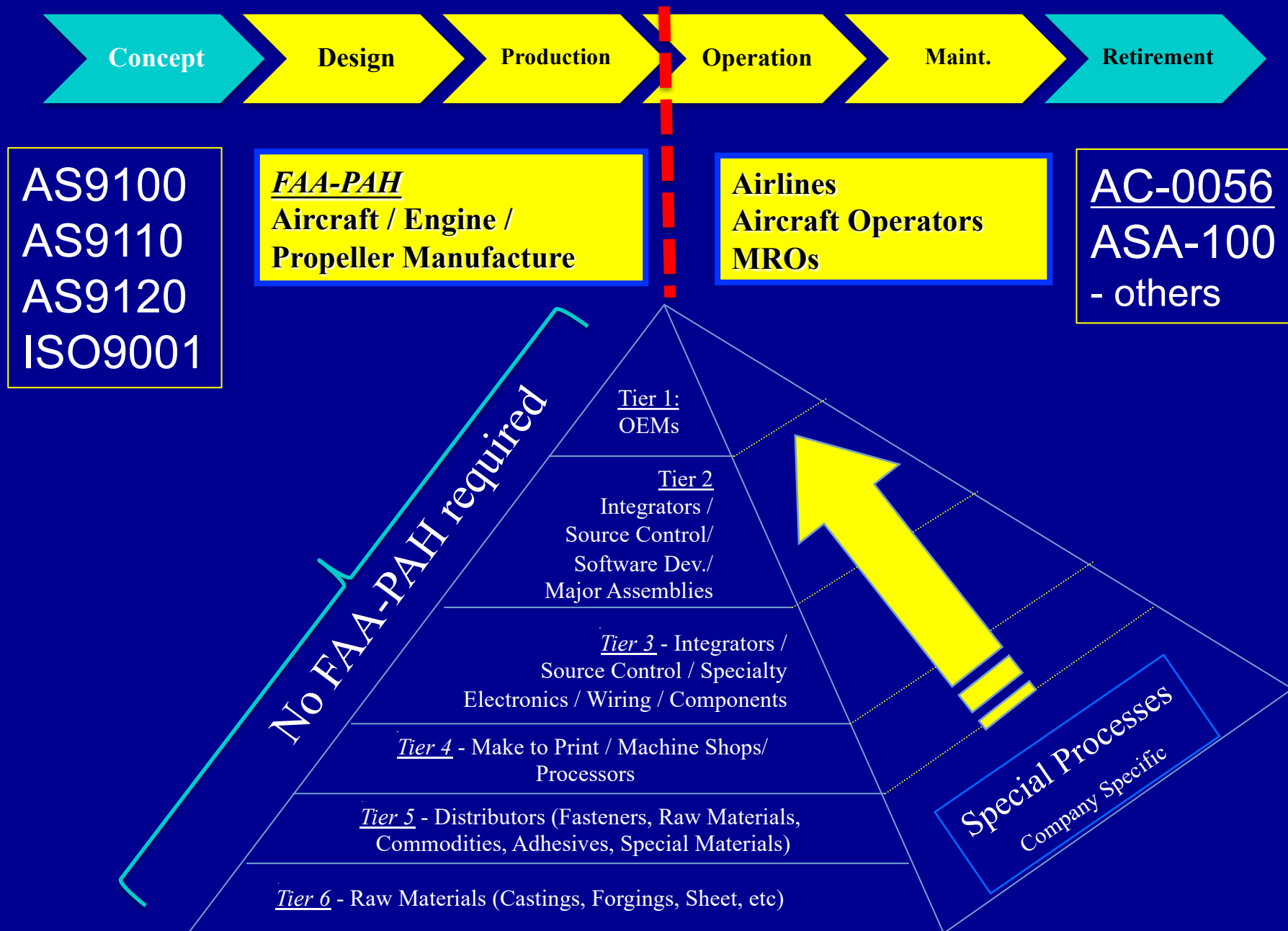
Vice President, Secretaries of Agriculture, Commerce, Defense, Education, Energy, Health and Human Services, Homeland Security, Housing and Urban Development, Interior, Labor, State, **Transportation**, Treasury, Veterans Affairs, and the Attorney General.





FAA Regulatory Functions within the Product Life Cycle





The Federal Aviation Regulations (FARs)

...are more formerly referred to as...

The Code of Federal Regulations (CFRs)

The Code of Federal Regulations

EXAMPLES

TITLE 1 General Provisions

TITLE 7 Agriculture

TITLE 14 Aeronautics and Space

TITLE 19 Custom Duties

TITLE 45 Public Welfare

TITLE 50 Wildlife and Fisheries

Code of Federal Regulations

- The **CFRs** are divided into 50 **titles**;
- Each **Title** is divided into **Volumes**, **Chapters**, **Subchapters**, **Parts**, and **Sections**.
- Each **Regulation** is cited by **title**, **part**, and **section**,

An Example...

14 CFR Chapter 1 121.313



Title 14, Chapter 1

Part 121,

Section 313

Table of Contents

Title 14—Aeronautics and Space

Chapter 1

CHAPTER 1—Federal Aviation Administration, Department of Transportation (Continued)

CHAPTER 1—FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF TRANSPORTATION (Continued)

SUBCHAPTER D—AIRMEN

Part		Page
60	[Reserved]	
61	Certification: Pilots, flight instructors, and ground instructors	
63	Certification: Flight crewmembers other than pilots	
65	Certification: Airmen other than flight crewmembers	
67	Medical standards and certification	
	SUBCHAPTER E—AIRSPACE	
71	Designation of class A, class B, class C, class D, and class E airspace areas; airways; routes; and reporting points	
73	Special use airspace	153
75	[Reserved]	
77	Objects affecting navigable airspace	156
	SUBCHAPTER F—AIR TRAFFIC AND GENERAL OPERATING RULES	
91	General operating and flight rules	169
93	Special air traffic rules and airport traffic patterns	205
95	IFR altitudes	292
97	Standard instrument approach procedures	300
99	Security control of air traffic	303
101	Moorer balloons, kites, unmanned rockets and unmanned free balloons	307
103	Ultralight vehicles	311
105	Parachute jumping	313
107	Airport security	317
108	Airplane operator security	330

3

Subchapter D

Part 121

PART 121—OPERATING REQUIREMENTS: DOMESTIC, FLAG, AND SUPPLEMENTAL OPERATIONS

SPECIAL FEDERAL AVIATION REGULATIONS

SPAR No. 14
SPAR No. 36
SPAR No. 38-2
SPAR No. 50-2 (None)
SPAR No. 52 (None)
SPAR No. 54
SPAR No. 74 (None)
SPAR No. 88

121.313

Sec. 121.1
121.2
121.3
121.4
121.5
121.6
121.7
121.8
121.9
121.10
121.11
121.12
121.13
121.14
121.15
121.16
121.17
121.18
121.19
121.20
121.21
121.22
121.23
121.24
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121.989
121.990
121.991
121.992
121.993
121.994
121.995
121.996
121.997
121.998
121.999
122.000

366

14 CFR Ch. I (1-1-01 Edition)

PL 121

121.245	Fire walls.
121.247	Fire-wall construction.
121.249	Cooling.
121.251	Engine accessory section diagrams.
121.253	Flammable fluids.
121.255	Shutoff means.
121.257	Leak and drain lines.
121.259	Fire-extinguishing systems.
121.261	Fire-extinguishing agents.
121.263	Extinguishing agent container pressure relief.
121.265	Extinguishing agent container compartment temperature.
121.267	Fire-extinguishing system materials.
121.269	Fire-detector systems.
121.271	Fire detectors.
121.273	Protection of other airplane components against fire.
121.275	Control of engine operation.
121.277	Post system independence.
121.279	Induction system ice prevention.
121.281	Carriage of cargo in passenger compartments.
121.283	Carriage of cargo in cargo compartments.
121.285	Landing gear: Aural warning device.
121.287	Decontamination of emergency evacuation procedures.
121.289	Special airworthiness requirements for transport category airplanes type certificated after December 31, 1964.
	Subpart K—Instrument and Equipment Requirements
121.301	Applicability.
121.303	Altimeter instruments and equipment.
121.305	Flight and navigation equipment.
121.307	Portable electronic devices.
121.309	Engine instruments.
121.311	Landing gear fire protection.
121.313	Emergency equipment.
121.315	Additional emergency equipment.
121.317	Seats, safety belts, and shoulder harnesses.
121.319	Materials for compartment interiors.
121.321	Miscellaneous equipment.
121.323	Cargo and baggage compartments.
121.325	Cockpit check procedure.
121.327	Passenger information requirements, smoking prohibitions, and additional seat belt requirements.
121.329	Public address system.
121.331	Communication interphone system.
121.333	Instruments and equipment for operations at night.
121.335	Instruments and equipment for operations under IFR or over-the-top.
121.337	Supplemental oxygen: Reciprocating engine powered airplanes.

368

CFR titles are broken down by Chapters, Subchapters, and Parts.



Title 14 Parts 60-139

Regulation 121.313

Paragraph (g) discusses door placarding requirements in the flight-crew compartment.

121.313

Federal Aviation Administration, DOT

§ 121.314

requirements pertaining to seat cushions in § 25.853(c) effective on November 26, 1964, on each airplane as follows:

(1) Each transport category airplane type certificated after January 1, 1968; and

(2) On or after December 30, 2010, each nontransport category airplane type certificated after December 31, 1964.

(c) *All interior materials; airplanes type certificated in accordance with SFAR No. 41 of 14 CFR part 21.* No person may operate an airplane that conforms to an amended, or supplemental type certificate issued in accordance with SFAR No. 41 of 14 CFR part 21 for a maximum certificated takeoff weight in excess of 12,500 pounds unless the airplane meets the compartment interior requirements set forth in § 25.853(a) in effect March 6, 1995 (formerly § 25.853(a), (b), (b-1), (b-2), and (b-3) of this chapter in effect on September 26, 1978)(see app. L of this part).

(d) *All interior materials; other airplanes.* For each material or seat cushion to which a requirement in paragraphs (a), (b), or (c) of this section does not apply, the material or seat cushion must meet the requirements under which the airplane was type certificated.

[Doc. No. 28154, 60 FR 6990, Dec. 20, 1995]

§ 121.313 Miscellaneous equipment.

No person may conduct any operation unless the following equipment is installed in the airplane:

(a) If protective fuses are installed on an airplane, the number of spare fuses approved for that airplane and appropriately described in the certificate holder's manual.

(b) A windshield wiper or equivalent for each pilot station.

(c) A power supply and distribution system that meets the requirements of §§ 25.1309, 25.1331, 25.1351(a) and (b)(1) through (4), 25.1353, 25.1355, and 25.1431(b) or that is able to produce and distribute the load for the required instruments and equipment, with use of an external power supply if any one power source or component of the power distribution system fails. The use of common elements in the system

may be approved if the Administrator finds that they are designed to be reasonably protected against malfunctioning. Engine-driven sources of energy, when used, must be on separate engines.

(d) A means for indicating the adequacy of the power being supplied to required flight instruments.

(e) Two independent static pressure systems, vented to the outside atmospheric pressure so that they will be least affected by air flow variation or moisture or other foreign matter, and installed so as to be airtight except for the vent. When a means is provided for transferring an instrument from its primary operating system to an alternate system, the means must include a positive positioning control and must be marked to indicate clearly which system is being used.

(f) A door between the passenger and pilot compartments, with a locking means to prevent passengers from opening it without the pilot's permission, except that nontransport category airplanes certificated after December 31, 1964, are not required to comply with this paragraph.

(g) A key for each door that separates a passenger compartment from another compartment that has emergency exit provisions. The key must be readily available for each crewmember.

(h) A placard on each door that is the means of access to a required passenger emergency exit, to indicate that it must be open during takeoff and landing.

(i) A means for the crew, in an emergency to unlock each door that leads to a compartment that is normally accessible to passengers and that can be locked by passengers.

[Doc. No. 6258, 29 FR 19265, Dec. 31, 1964, as amended by Amdt. 121-5, 30 FR 6113, Apr. 30, 1965; Amdt. 121-251, 60 FR 69931, Dec. 20, 1995]

§ 121.314 Cargo and baggage compartments.

For each transport category airplane type certificated after January 1, 1968:

(a) Each Class C or Class D compartment, as defined in § 25.857 of this Chapter in effect on June 16, 1986 (see Appendix L to this part), that is greater than 300 cubic feet in volume must

FARs – Who are they for?

FAR Part 1 Definition:

“**PERSON**” means an individual, firm, partnership, corporation, company, association, joint-stock association, or governmental entity. It includes a trustee, receiver, assignee, or similar representative of any of them.”

Are FARs law?

For our purposes.... Yes.

Yes – known as Administrative Law.

The **FAA Act of 1958** granted congress the authority to delegate to the FAA the ability to create administrative laws.

Title 49 (U.S.C.), Transportation, Subtitle I, Chapter 1, Part 1, Subsection) of the United States Code

Title 49 (U.S.C.), Subtitle I, Chapter 1, Part 1, Subsections

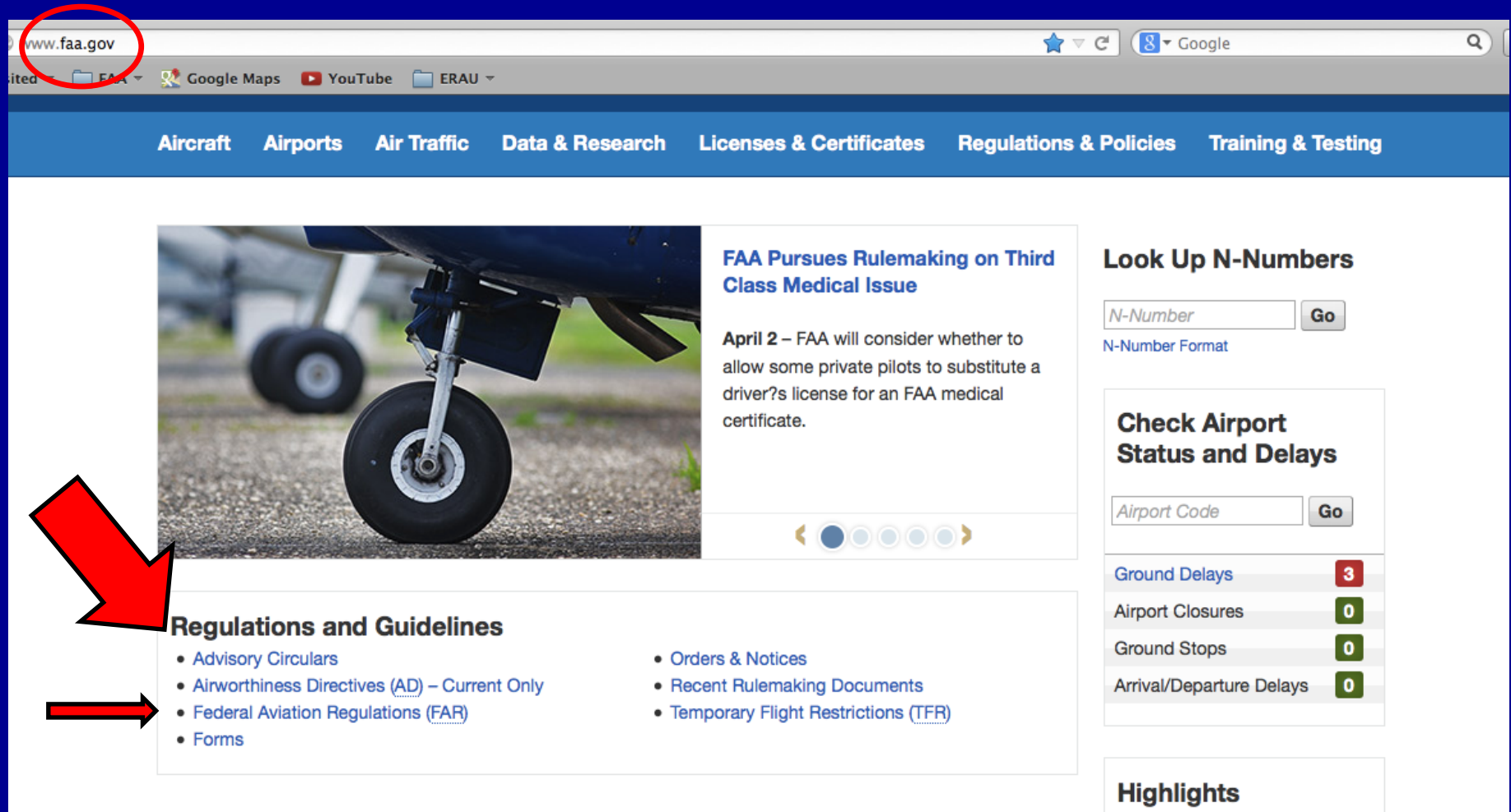
Subsection 106 (f),(2),(A),(iii) delegates to the **FAA Administrator** the power to promulgate regulations, rules, orders, circulars, bulletins, and other official publications of the Administration.

Subsection 106 (f),(3),(A) delegates to the **FAA Administrator** the power to issue, rescind, and revise such regulations as are necessary to carry out those functions.

Notice of Proposed Rule Making (NPRM)

- discusses reasons behind a proposal, changes from a previous proposal, date the comments must be received by, and the address to send them to.
- Requests for comment are published along with the NPRM in the Federal Register.

Search for FARs at www.faa.gov



The screenshot shows the FAA website with several annotations. A red circle highlights the address bar containing 'www.faa.gov'. A large red arrow points from the left towards the 'Regulations and Guidelines' section. A smaller red arrow points to the 'Federal Aviation Regulations (FAR)' link within that section.

www.faa.gov

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies Training & Testing

FAA Pursues Rulemaking on Third Class Medical Issue

April 2 – FAA will consider whether to allow some private pilots to substitute a driver's license for an FAA medical certificate.

Look Up N-Numbers

N-Number Go

N-Number Format

Check Airport Status and Delays

Airport Code Go

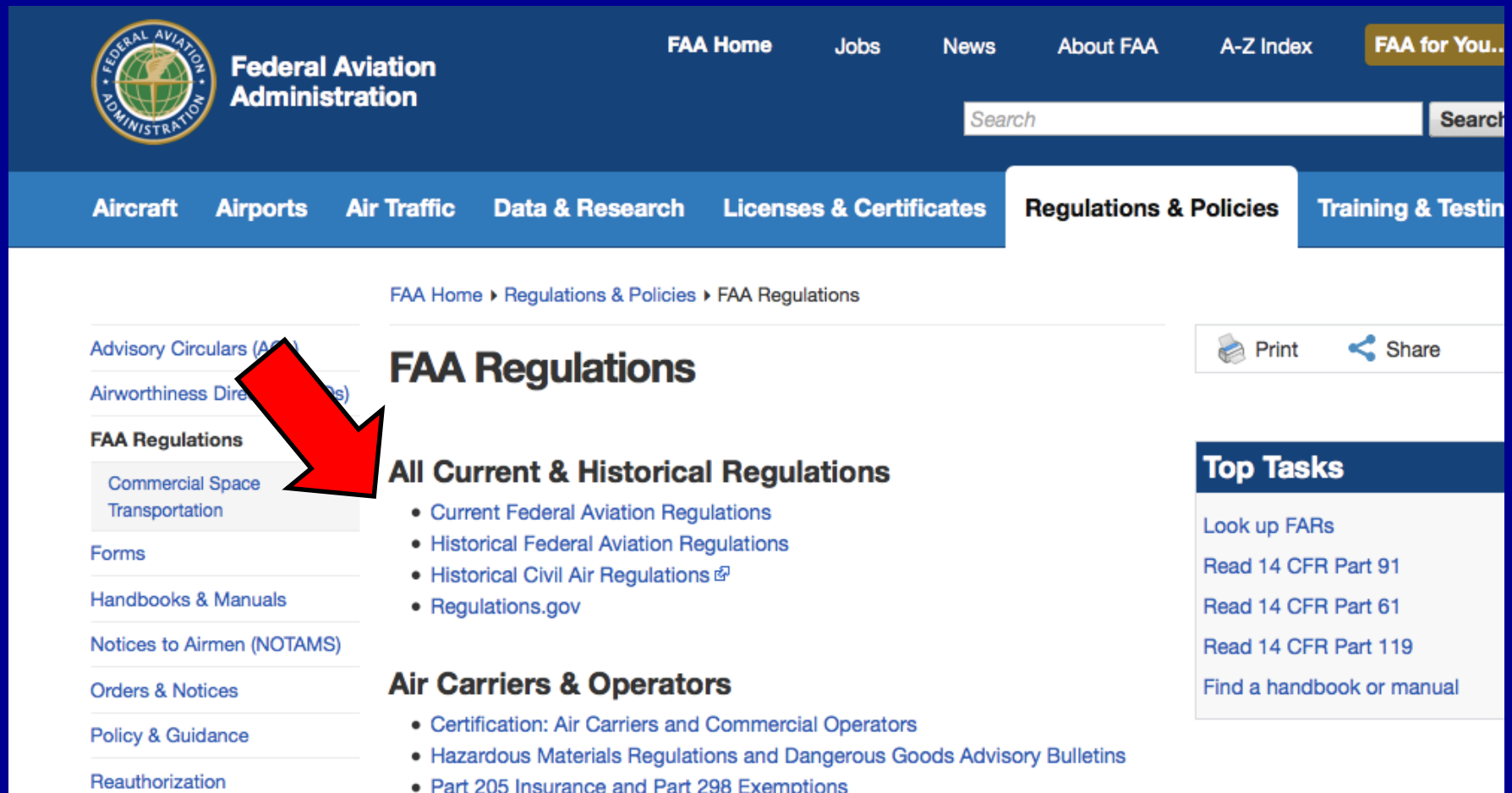
Ground Delays	3
Airport Closures	0
Ground Stops	0
Arrival/Departure Delays	0

Regulations and Guidelines

- Advisory Circulars
- Airworthiness Directives (AD) – Current Only
- Federal Aviation Regulations (FAR)
- Forms
- Orders & Notices
- Recent Rulemaking Documents
- Temporary Flight Restrictions (TFR)

Highlights

Search for FARs at www.faa.gov



The screenshot displays the Federal Aviation Administration (FAA) website. The top navigation bar includes links for FAA Home, Jobs, News, About FAA, A-Z Index, and FAA for You. A search bar is located on the right. The main navigation menu features links for Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies (which is highlighted), and Training & Testing. The Regulations & Policies section is active, showing a breadcrumb trail: FAA Home > Regulations & Policies > FAA Regulations. The main content area is titled 'FAA Regulations' and includes a 'Print' button and a 'Share' button. A red arrow points to the 'Commercial Space Transportation' link in the left sidebar. The sidebar also lists other categories: Advisory Circulars (ACs), Airworthiness Directives (ADs), FAA Regulations (with sub-links for Commercial Space Transportation, Forms, Handbooks & Manuals, Notices to Airmen (NOTAMS), Orders & Notices, Policy & Guidance, and Reauthorization), and Air Carriers & Operators. The main content area lists 'All Current & Historical Regulations' with links to Current Federal Aviation Regulations, Historical Federal Aviation Regulations, Historical Civil Air Regulations, and Regulations.gov. Below this, the 'Air Carriers & Operators' section lists links for Certification: Air Carriers and Commercial Operators, Hazardous Materials Regulations and Dangerous Goods Advisory Bulletins, and Part 205 Insurance and Part 298 Exemptions. The right sidebar contains a 'Top Tasks' section with links to Look up FARs, Read 14 CFR Part 91, Read 14 CFR Part 61, Read 14 CFR Part 119, and Find a handbook or manual.

FAA Home > Regulations & Policies > FAA Regulations

FAA Regulations

Print Share

All Current & Historical Regulations

- [Current Federal Aviation Regulations](#)
- [Historical Federal Aviation Regulations](#)
- [Historical Civil Air Regulations](#)
- [Regulations.gov](#)

Air Carriers & Operators

- [Certification: Air Carriers and Commercial Operators](#)
- [Hazardous Materials Regulations and Dangerous Goods Advisory Bulletins](#)
- [Part 205 Insurance and Part 298 Exemptions](#)

Top Tasks

- [Look up FARs](#)
- [Read 14 CFR Part 91](#)
- [Read 14 CFR Part 61](#)
- [Read 14 CFR Part 119](#)
- [Find a handbook or manual](#)

Search for FARs at www.faa.gov

e-CFR Data is current as of April 9, 2014

Title	Volume	Chapter	Browse Part	Regulatory Entity
14 Aeronautics and Space	1	I	1-59	Federal Aviation Administration, Department of Transportation
	2		60-109	
	3		110-199	
	4	II	200-399	Office of the Secretary, Department of Transportation (Aviation Proceedings)
		III	400-1199	Commercial Space Transportation, Federal Aviation Administration, Department of Transportation
	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

Code of Federal Regulations

e-CFR Data is current as of April 9, 2014

<i>Title</i>	<i>Volume</i>	<i>Chapter</i>	<i>Browse Part</i>	<i>Regulatory Entity</i>
14 Aeronautics and Space	1	I	1-59	Federal Aviation Administration, Department of Transportation
	2		60-109	
	3		110-199	
	4	II	200-399	Office of the Secretary, Department of Transportation (Aviation Proceedings)
		III	400-1199	Commercial Space Transportation, Federal Aviation Administration, Department of Transportation
	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

Code of Federal Regulations

TITLE 14—Aeronautics and Space

CHAPTER I—FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF
TRANSPORTATION (CONTINUED)

SUBCHAPTER G—AIR CARRIERS AND OPERATORS FOR COMPENSATION OR
HIRE: CERTIFICATION AND OPERATIONS

<i>Part</i>	<i>Table of Contents</i>	<i>Headings</i>
110	110.1 to 110.2	GENERAL REQUIREMENTS
111-116		[RESERVED]
117	117.1 to 117.29	FLIGHT AND DUTY LIMITATIONS AND REST REQUIREMENTS: FLIGHTCREW MEMBERS
118		[RESERVED]
119	119.1 to 119.73	CERTIFICATION: AIR CARRIERS AND COMMERCIAL OPERATORS

Common CFRs that impact you

Design & Production

- **Part 1 - Definitions**
- **Part 3 - General**
- **Part 21 Production**
- **Part 23 Normal**
- **Part 25 Transport**
- **Part 33 Engines**
- **Part 45 Markings**
- **Part 183 Designees**

Operations

- **Part 1 - Definitions**
- **Part 3 - General**
- **Part 91 – Flight Rules**
- **Part 121**
- **Part 129**
- **Part 135**

Maintenance

- **Part 1 - Definitions**
- **Part 3 - General**
- **Part 43 Maintenance**
- **Part 45 Markings**
- **Part 183 Designees**
- **Part 121 Air carriers**
- **Part 145 Repair Stations**
- **Part 45 Markings**
- **Part 65 Airmen**
- **Part 183 Designees**

FAR Part 1: Definition of “Person”


Who needs to comply with them?

FAR Part 1 Definition:

“**PERSON**” means an individual, firm, partnership, corporation, company, association, joint-stock association, or governmental entity. It includes a trustee, receiver, assignee, or similar representative of any of them.”

FAR Part 1: definition of “Person”

e-CFR Data is current as of April 9, 2014



<i>Title</i>	<i>Volume</i>	<i>Chapter</i>	<i>Browse Part</i>	<i>Regulatory Entity</i>
14 Aeronautics and Space	1	I	1-59	Federal Aviation Administration, Department of Transportation
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	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

FAR Part 1: definition of “Person”

e-CFR Data is current as of September 4, 2014

[Title 14](#) → [Chapter I](#) → [Subchapter A](#) → [Part 1](#)

[Browse Next](#)

Title 14: Aeronautics and Space

PART 1—DEFINITIONS AND ABBREVIATIONS

Contents

- [§1.1 General definitions.](#)
- [§1.2 Abbreviations and symbols.](#)
- [§1.3 Rules of construction.](#)

AUTHORITY: 49 U.S.C. 106(g), 40113, 44701.


[↑ Back to Top](#)

§1.1 General definitions.

As used in Subchapters A through K of this chapter, unless the context requires otherwise:

Administrator means the Federal Aviation Administrator or any person to whom he has delegated his authority in the matter concerned.

FAR Part 1: definition of “Person”



Over-the-top means above the layer of clouds or other obscuring phenomena forming the ceiling.

Parachute means a device used or intended to be used to retard the fall of a body or object through the air.

Person means an individual, firm, partnership, corporation, company, association, joint-stock association, or governmental entity. It includes a trustee, receiver, assignee, or similar representative of any of them.

Pilotage means navigation by visual reference to landmarks.


Pilot in command means the person who:

- (1) Has final authority and responsibility for the operation and safety of the flight;
- (2) Has been designated as pilot in command before or during the flight; and

FAR Part 43.2: What is an “Overhaul”?


FAR Part 43.2: What is an “Overhaul”?

e-CFR Data is current as of April 9, 2014



<i>Title</i>	<i>Volume</i>	<i>Chapter</i>	<i>Browse Part</i>	<i>Regulatory Entity</i>
14 Aeronautics and Space	1	I	1-59	Federal Aviation Administration, Department of Transportation
	2		60-109	
	3		110-199	
	4	II	200-399	Office of the Secretary, Department of Transportation (Aviation Proceedings)
		III	400-1199	Commercial Space Transportation, Federal Aviation Administration, Department of Transportation
	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

FAR Part 43.2: What is an “Overhaul”?



Title 14: Aeronautics and Space

Part 43—MAINTENANCE, PREVENTIVE MAINTENANCE, REBUILDING, AND ALTERATION

§43.2 Records of overhaul and rebuilding.

(a) No person may describe in any required maintenance entry or form an aircraft, airframe, aircraft engine, propeller, appliance, or component part as being overhauled unless—

(1) Using methods, techniques, and practices acceptable to the Administrator, it has been disassembled, cleaned, inspected, repaired as necessary, and reassembled; and

(2) It has been tested in accordance with approved standards and technical data, or in accordance with current standards and technical data acceptable to the Administrator, which have been developed and documented by the holder of the type certificate, supplemental type certificate, or a material, part, process, or appliance approval under part 21 of this chapter.

FAR Part 145: Regulations for Repair Stations

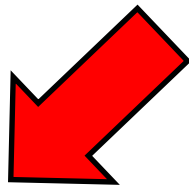
FAR Part 145: Repair Stations

e-CFR Data is current as of April 9, 2014

Title	Volume	Chapter	Browse Part	Regulatory Entity
14 Aeronautics and Space	1		1-59	Federal Aviation Administration, Department of Transportation
	2		60-109	
	3		110-199	
	4	II	200-399	Office of the Secretary, Department of Transportation (Aviation Proceedings)
		III	400-1199	Commercial Space Transportation, Federal Aviation Administration, Department of Transportation
	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

CFR Searches at www.faa.gov

145.1 to
145.223



[Reserved]

REPAIR STATIONS

147.1 to
147.45

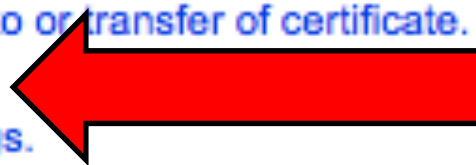
AVIATION MAINTENANCE TECH
SCHOOLS

CFR Searches at www.faa.gov

- §145.1 Applicability.
- §145.3 Definition of terms.
- §145.5 Certificate and operations specifications requirements.

Subpart B—Certification

- §145.51 Application for certificate.
- §145.53 Issue of certificate.
- §145.55 Duration and renewal of certificate.
- §145.57 Amendment to or transfer of certificate.
- §145.59 Ratings.
- §145.61 Limited ratings.



Subpart C—Housing, Facilities, Equipment, Materials, and Data

- §145.101 General.

FAR 145 Repair Station Ratings

§145.59 Ratings.

The following ratings are issued under this subpart:

(a) *Airframe ratings.* (1) *Class 1:* Composite construction of small aircraft.

(2) *Class 2:* Composite construction of large aircraft.

(3) *Class 3:* All-metal construction of small aircraft.

(4) *Class 4:* All-metal construction of large aircraft.

(b) *Powerplant ratings.* (1) *Class 1:* Reciprocating engines of 400 horsepower or less.

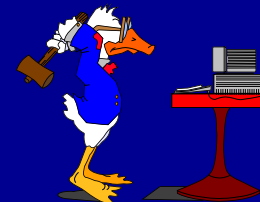
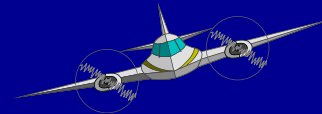
(2) *Class 2:* Reciprocating engines of more than 400 horsepower.

(3) *Class 3:* Turbine engines.

(c) *Propeller ratings.* (1) *Class 1:* Fixed-pitch and ground-adjustable propellers of wood, metal, or composite construction.

The following are listed in AC 20-62 as FAA Acceptable sources for aircraft parts:

- FAR 121 Domestic Air Carriers
- FAR 135 Cargo
- FAR 127 Rotorcraft
- FAR 129 Foreign air carriers
- FAR 145 Repair Stations



What is a FAR 121, 129 or 135 Operator?

e-CFR Data is current as of April 9, 2014

Title	Volume	Chapter	Browse Part	Regulatory Entity
14 Aeronautics Space	1		1-59	Federal Aviation Administration, Department of Transportation
	2		60-109	
	3		110-199	
	4	II	200-399	Office of the Secretary, Department of Transportation (Aviation Proceedings)
		III	400-1199	Commercial Space Transportation, Federal Aviation Administration, Department of Transportation
	5	V	1200-1299	National Aeronautics and Space Administration
		VI	1300-1399	Air Transportation System Stabilization

What is a FAR 121, 129 or 135 Operator?

ules ns and	119	119.1 to 119.73	CERTIFICATION: AIR CARRIERS AND COMMERCIAL OPERATORS
ts on mment ster	120	120.1 to 120.227	DRUG AND ALCOHOL TESTING PROGRAM
rom store.	121	121.1 to 121.1500	OPERATING REQUIREMENTS: DOMESTIC, FLAG, AND SUPPLEMENTAL OPERATIONS
iss	125	125.1 to 125.509	CERTIFICATION AND OPERATIONS: AIRPLANES HAVING A SEATING CAPACITY OF 20 OR MORE PASSENGERS OR A MAXIMUM PAYLOAD CAPACITY OF 6,000 POUNDS OR MORE; AND RULES GOVERNING PERSONS ON BOARD SUCH AIRCRAFT
	129	129.1 to 129.201	OPERATIONS: FOREIGN AIR CARRIERS AND FOREIGN OPERATORS OF U.S.-REGISTERED AIRCRAFT ENGAGED IN COMMON CARRIAGE
	133	133.1 to 133.51	ROTORCRAFT EXTERNAL-LOAD OPERATIONS
	135	135.1 to 135.507	OPERATING REQUIREMENTS: COMMUTER AND ON DEMAND OPERATIONS AND RULES GOVERNING PERSONS ON BOARD SUCH AIRCRAFT
	136	136.1 to	COMMERCIAL AIR TOURS AND NATIONAL

What is a FAR 121 Operator?

PART 121—OPERATING REQUIREMENTS: DOMESTIC, FLAG, AND SUPPLEMENTAL OPERATIONS

Contents

Special Federal Aviation Regulation No. 50-2

Special Federal Aviation Regulation No. 71

Special Federal Aviation Regulation No. 97

Special Federal Aviation Regulation No. 106—Rules for use of portable oxygen concentrator systems on board aircraft

Subpart A—General

§121.1 Applicability.

§121.2 Compliance schedule for operators that transition to part 121; certain new entrant operators.

§121.4 Applicability of rules to unauthorized operators.

§121.7 Definitions.

§121.9 Fraud and falsification.

§121.11 Rules applicable to operations in a foreign country.

§121.15 Carriage of narcotic drugs, marihuana, and depressant or stimulant drugs or substances.

Subpart B—Certification Rules for Domestic and Flag Air Carriers [Reserved]

Subpart C—Certification Rules for Supplemental Air Carriers and Commercial Operators [Reserved]

Subpart D—Rules Governing All Certificate Holders Under This Part [Reserved]

Subpart E—Approval of Routes: Domestic and Flag Operations

§121.91 Applicability.

FAA Orders

FARs

Policy

Orders

ACs

Bulletins

Orders

ACs

Bulletins

ACs

Bulletins

FAA Orders – What are they?

- Cover a wide spectrum of topics
- Are used to provide instructions or guidance to comply with either:
 - a Regulation, or
 - FAA policy
- Are mandatory - to the audience specified in the Order.

FAA Orders – Who are they for?

- Each Order has a specified audience
 - FAA
 - FAA designees
 - FAA entities

FAA Orders – Examples

Examples:

- 8900.1, Flight Standards Information Manual (FSIM)
- FAA Technical Standard Orders
- Order 8130.2 Airworthiness Certification of Aircraft and Related Products
- Order 8130.21H

Search for Orders at www.faa.gov

The screenshot shows the FAA website with several annotations. A red circle highlights the address bar containing 'www.faa.gov'. A large red arrow points from the left towards the 'Regulations and Guidelines' section. A smaller red arrow points from the 'Regulations and Guidelines' section towards the 'Orders & Notices' link in the list.

www.faa.gov

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies Training & Testing

FAA Pursues Rulemaking on Third Class Medical Issue

April 2 – FAA will consider whether to allow some private pilots to substitute a driver's license for an FAA medical certificate.

Look Up N-Numbers

N-Number Go

N-Number Format

Check Airport Status and Delays

Airport Code Go

Ground Delays	3
Airport Closures	0
Ground Stops	0
Arrival/Departure Delays	0

Regulations and Guidelines

- [Advisory Circulars](#)
- [Airworthiness Directives \(AD\)](#) – Current Only
- [Federal Aviation Regulations \(FAR\)](#)
- [Forms](#)
- [Orders & Notices](#)
- [Recent Rulemaking Documents](#)
- [Temporary Flight Restrictions \(TFR\)](#)

Highlights

Search for FARs at www.faa.gov

The screenshot displays the FAA website's 'Orders & Notices' page. The top navigation bar includes links for Aircraft, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Testing. The 'Regulations & Policies' tab is highlighted. Below the navigation bar, the breadcrumb trail reads 'FAA Home > Regulations & Policies > Orders & Notices'. The left sidebar contains a list of links: Advisory Circulars (ACs), Airworthiness Directives (ADs), FAA Regulations, Forms, Handbooks & Manuals, Notices to Airmen (NOTAMS), Orders & Notices (highlighted with a red arrow), Policy & Guidance, Rulemaking, and Temporary Flight Restrictions (TFRs). The main content area is titled 'Orders & Notices' and features a search bar with the placeholder text 'Search Content, Number, Title, Description, or Office'. Below the search bar are filters for Document Type (All) and Status (All), with a Search button. The 'Browse by Topic' section lists various categories, including Advisory and Rulemaking Committee Orders, Air Traffic, Aircraft and Airmen, Airports, Environment, Examiners and Inspectors, and Finance. The right sidebar contains three sections: 'View All Current' with links to Orders, Notices, and GENOTS; 'Top Requests' listing FAA Directives Management (1320.1E), Air Traffic Control (JO 7110.65V), and Facility Operation and Administration (JO 7210.3Y); and 'Questions or Comments?' with a link to Contact the Orders & Notices Administrator.

FAA Home > Regulations & Policies > Orders & Notices

Orders & Notices

Print Share

Search Content, Number, Title, Description, or Office

Document Type: All Status: All Search

Browse by Topic

- Advisory and Rulemaking Committee Orders
- Air Traffic
- Aircraft and Airmen
- Airports
 - Airport Compliance/Obligations
 - Airport Improvement Program (AIP)
 - Airport Safety
 - Airport Safety Data
 - Design, Engineering, & Construction
 - Environmental
 - Passenger Facility Charge (PFC)
 - Planning & Capacity
- Environment
- Examiners and Inspectors
- Finance

View All Current

Orders
Notices
GENOTS

Top Requests

FAA Directives Management (1320.1E)
Air Traffic Control (JO 7110.65V)
Facility Operation and Administration (JO 7210.3Y)

Questions or Comments?

Contact the Orders & Notices Administrator

FAA Bulletins

FARs

Policy

Orders

ACs

Bulletins

Orders

ACs

Bulletins

ACs

Bulletins

Bulletins— What are they?

Are information tools that:

- alert,
- educate, and
- make recommendations to the aviation community.

Bulletins– Types

■ Service Bulletins

- Describe methods of conformance or methods of compliance
- Mandatory when required by an AD

■ Special Airworthiness Information Bulletins (SAIB)

- Contain non-regulatory info & guidance
- does not meet the criteria for an Airworthiness Directive (AD)

Bulletins— Where can we find them?

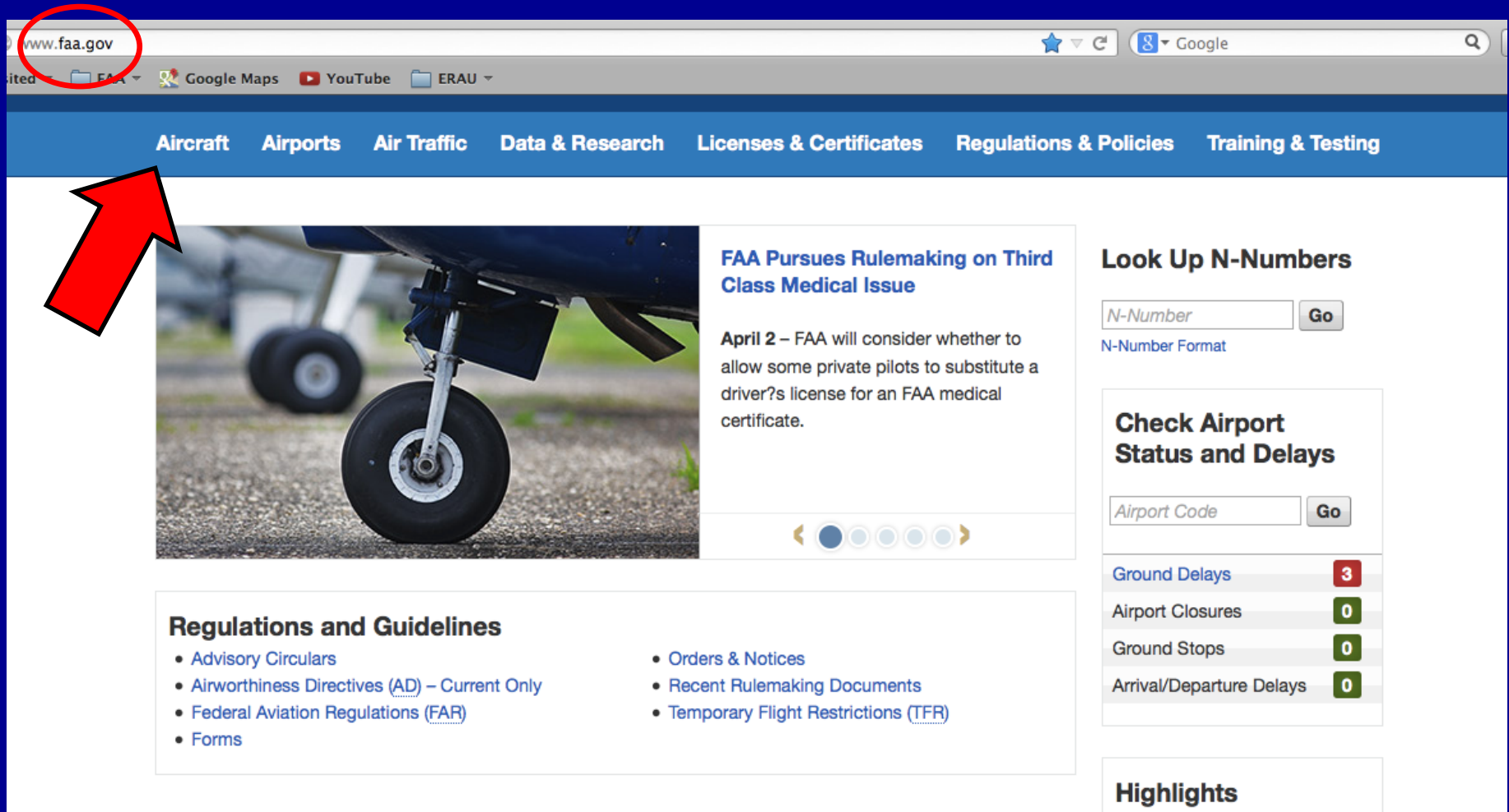
■ Service Bulletins

- From the TC Holder
- Within FAA ICA (e.g. CMMs)
- Are referenced within an Airworthiness Directive

■ Special Airworthiness Information Bulletins (SAIB)

- http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgSAIB.nsf/MainFrame?OpenFrameSet

Search for Bulletins at www.faa.gov



The screenshot shows the FAA website interface. The browser's address bar displays www.faa.gov, which is circled in red. A large red arrow points from the left towards the 'Regulations and Guidelines' section. The website features a blue navigation bar with the following links: Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Testing. The main content area includes a featured article titled 'FAA Pursues Rulemaking on Third Class Medical Issue' with a sub-headline 'April 2 – FAA will consider whether to allow some private pilots to substitute a driver's license for an FAA medical certificate.' Below this is a section titled 'Regulations and Guidelines' with a list of links: Advisory Circulars, Airworthiness Directives (AD) – Current Only, Federal Aviation Regulations (FAR), Forms, Orders & Notices, Recent Rulemaking Documents, and Temporary Flight Restrictions (TFR). To the right, there are two utility sections: 'Look Up N-Numbers' with an input field for 'N-Number' and a 'Go' button, and 'Check Airport Status and Delays' with an input field for 'Airport Code' and a 'Go' button. Below these is a table showing current status: Ground Delays (3), Airport Closures (0), Ground Stops (0), and Arrival/Departure Delays (0). A 'Highlights' section is partially visible at the bottom right.

www.faa.gov

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies Training & Testing

FAA Pursues Rulemaking on Third Class Medical Issue

April 2 – FAA will consider whether to allow some private pilots to substitute a driver's license for an FAA medical certificate.

Regulations and Guidelines

- [Advisory Circulars](#)
- [Airworthiness Directives \(AD\)](#) – Current Only
- [Federal Aviation Regulations \(FAR\)](#)
- [Forms](#)
- [Orders & Notices](#)
- [Recent Rulemaking Documents](#)
- [Temporary Flight Restrictions \(TFR\)](#)

Look Up N-Numbers

[N-Number Format](#)

Check Airport Status and Delays

Ground Delays	3
Airport Closures	0
Ground Stops	0
Arrival/Departure Delays	0

Highlights

Search for Bulletins at www.faa.gov



The screenshot displays the Federal Aviation Administration (FAA) website. At the top, the FAA logo and name are on the left, and navigation links for 'FAA Home', 'Jobs', 'News', 'About FAA', and 'A-Z Index' are on the right. A search bar is located below the navigation links. Below the main header is a secondary navigation bar with links for 'Aircraft', 'Airports', 'Air Traffic', 'Data & Research', 'Licenses & Certificates', and 'Regulations & Policies'. The 'Aircraft' link is highlighted. On the left side of the main content area, there is a sidebar with links for 'Aircraft Certification', 'Aircraft Safety', 'General Aviation & Recreational Aircraft', and 'Repair Stations'. A large red arrow points to the 'Aircraft Certification' link. The main content area features a breadcrumb trail 'FAA Home > Aircraft', a 'Print' button, and a section titled 'Aircraft' with a paragraph about certification. Below this are two columns: 'Registration & Certification' and 'Forms', each containing a list of links to various FAA forms and documents.

Federal Aviation Administration

FAA Home Jobs News About FAA A-Z Index

Search

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies

FAA Home > Aircraft

Aircraft

Certification of aircraft by the FAA ensures that commercial and general aviation aircraft meet the highest safety standards, from initial design to retirement. This page outlines the aircraft certification processes, lists important aircraft safety information, and provides guidance on general aviation aircraft.

Registration & Certification

- Aircraft Registration
 - Look up an N-number
- Airworthiness Certification
 - Aviation Safety Draft Documents Open for Comment
 - FAA Order 8900.1, Vol. 4, Aircraft Equipment &

Forms

- Form 8130-3, Authorized Release Certificate, Airworthiness Approval Tag
 - Order 8130.21, Procedures for Completion and Use of FAA Form 8130-3
- Form 8130-6, Application for US Airworthiness Certificate
- Form 8130-9, Statement of

Top Tasks

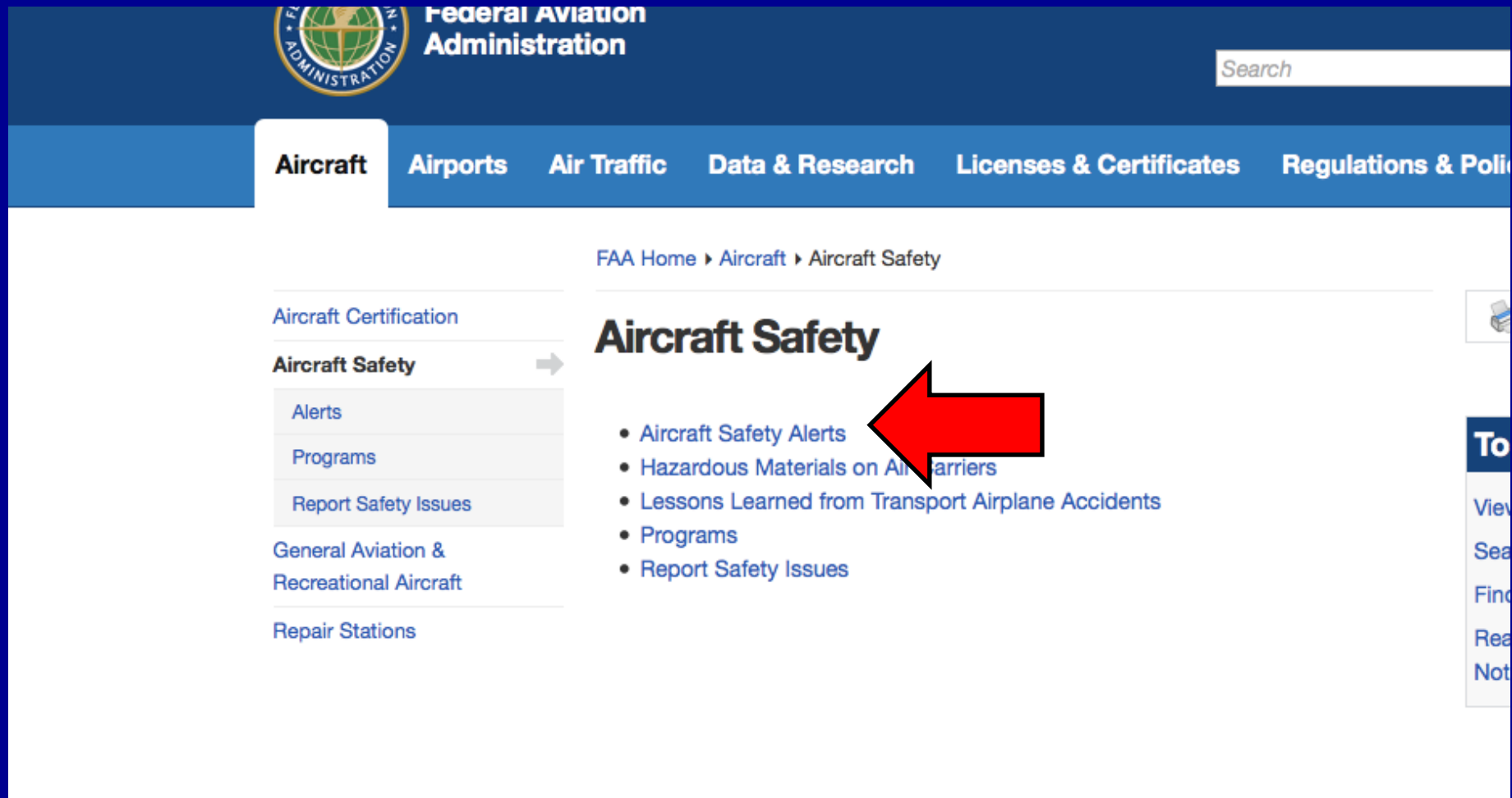
- Get Form 30
- Alteration
- Register an
- Look up an
- Review pre
- Find aircraft
- Search for S

FAA

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Learn

Search for Bulletins at www.faa.gov



The screenshot shows the Federal Aviation Administration (FAA) website. At the top, the FAA logo and name are visible. A search bar is located in the top right corner. Below the header, a navigation bar contains links for Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, and Regulations & Policies. The 'Aircraft' link is selected. On the left side, a sidebar menu lists 'Aircraft Certification', 'Aircraft Safety' (which is highlighted with a right-pointing arrow), 'General Aviation & Recreational Aircraft', and 'Repair Stations'. Under 'Aircraft Safety', there are sub-links: 'Alerts', 'Programs', and 'Report Safety Issues'. The main content area is titled 'Aircraft Safety' and contains a list of links: 'Aircraft Safety Alerts', 'Hazardous Materials on Air Carriers', 'Lessons Learned from Transport Airplane Accidents', 'Programs', and 'Report Safety Issues'. A large red arrow points to the 'Aircraft Safety Alerts' link. On the right side, a partial view of a 'To' menu is visible with options like 'View', 'Search', 'Find', 'Read', and 'Not'.

Federal Aviation Administration

Search

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies

FAA Home ▶ Aircraft ▶ Aircraft Safety

Aircraft Certification

Aircraft Safety →

- Alerts
- Programs
- Report Safety Issues

General Aviation & Recreational Aircraft

Repair Stations

Aircraft Safety

- Aircraft Safety Alerts
- Hazardous Materials on Air Carriers
- Lessons Learned from Transport Airplane Accidents
- Programs
- Report Safety Issues

To

View

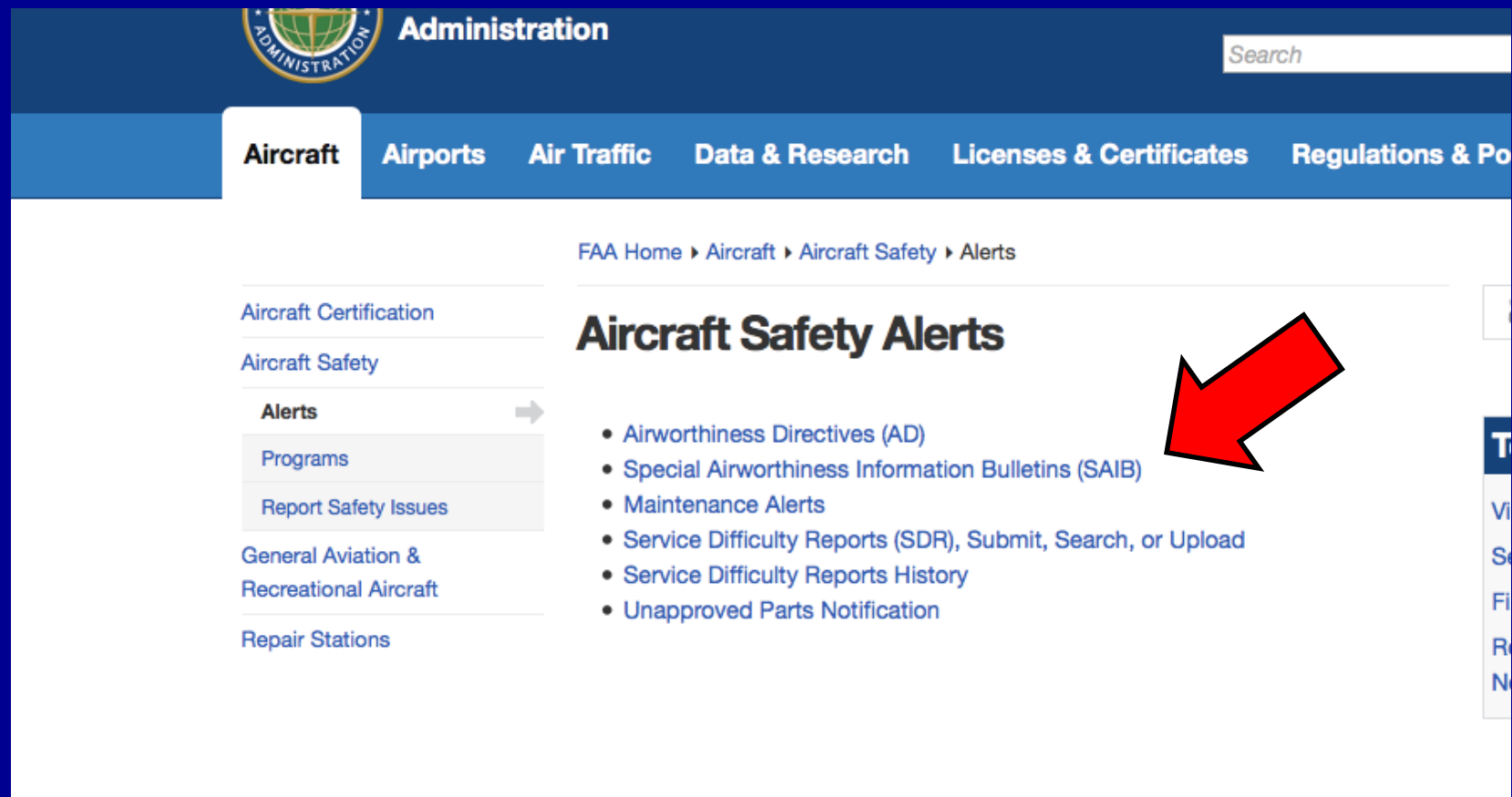
Search

Find

Read

Not

Search for Bulletins at www.faa.gov



The screenshot shows the FAA website's navigation structure. At the top, the 'Administration' header includes a search bar. Below it, a blue navigation bar contains links for 'Aircraft', 'Airports', 'Air Traffic', 'Data & Research', 'Licenses & Certificates', and 'Regulations & Po'. The 'Aircraft' link is selected, leading to a sub-menu on the left with options like 'Aircraft Certification', 'Aircraft Safety', 'Alerts', 'Programs', 'Report Safety Issues', 'General Aviation & Recreational Aircraft', and 'Repair Stations'. The 'Alerts' link is highlighted with a right-pointing arrow. The main content area, titled 'Aircraft Safety Alerts', features a breadcrumb trail 'FAA Home > Aircraft > Aircraft Safety > Alerts' and a list of alert types: 'Airworthiness Directives (AD)', 'Special Airworthiness Information Bulletins (SAIB)', 'Maintenance Alerts', 'Service Difficulty Reports (SDR), Submit, Search, or Upload', 'Service Difficulty Reports History', and 'Unapproved Parts Notification'. A large red arrow points to the 'Special Airworthiness Information Bulletins (SAIB)' link.

Administration

Search

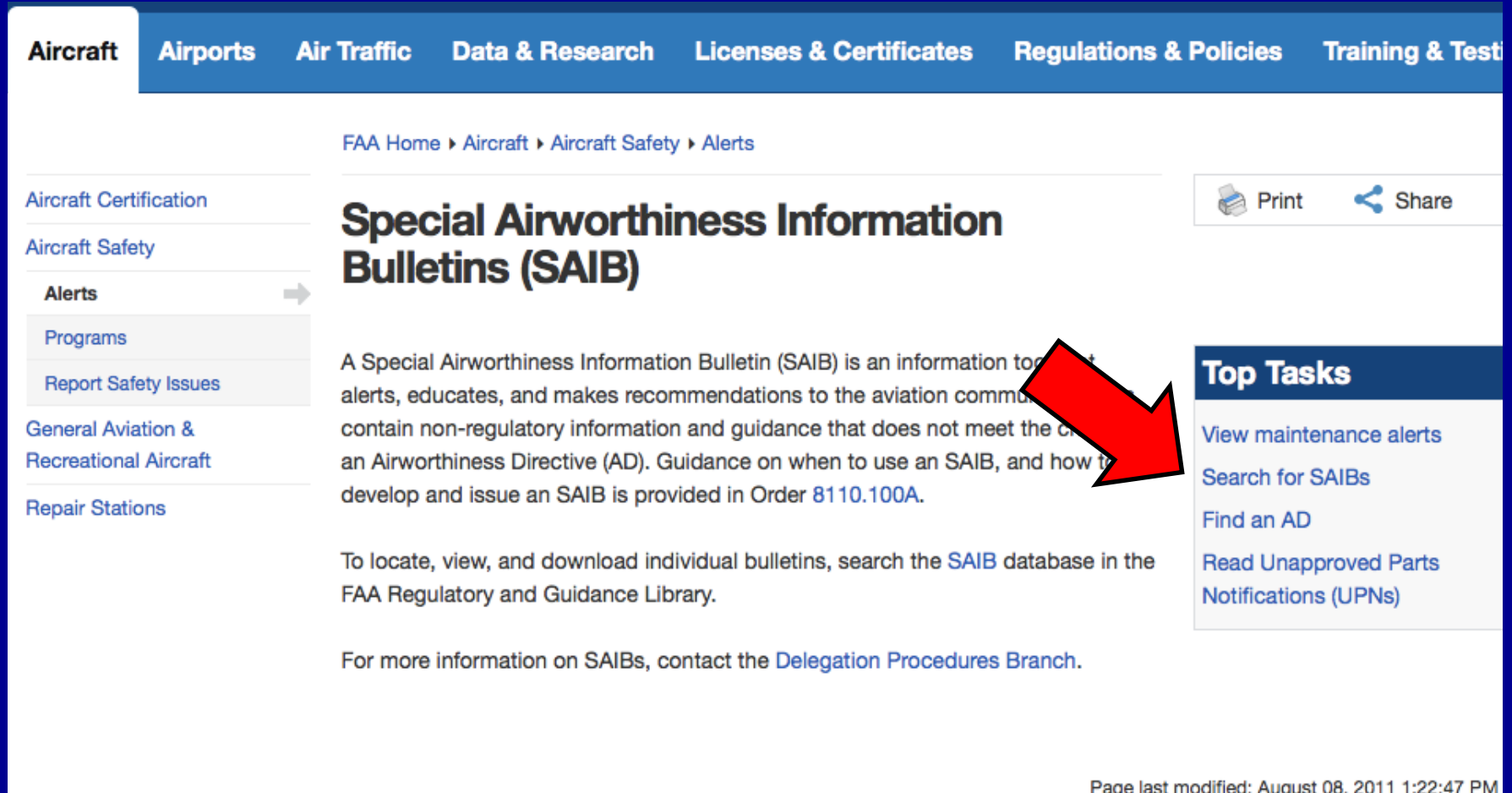
Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Po

FAA Home > Aircraft > Aircraft Safety > Alerts

Aircraft Safety Alerts

- Airworthiness Directives (AD)
- Special Airworthiness Information Bulletins (SAIB)
- Maintenance Alerts
- Service Difficulty Reports (SDR), Submit, Search, or Upload
- Service Difficulty Reports History
- Unapproved Parts Notification

Search for Bulletins at www.faa.gov



The screenshot displays the FAA website's navigation structure. The top navigation bar includes links for Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Test. The left sidebar lists categories such as Aircraft Certification, Aircraft Safety, Alerts, Programs, Report Safety Issues, General Aviation & Recreational Aircraft, and Repair Stations. The main content area is titled 'Special Airworthiness Information Bulletins (SAIB)' and provides a definition of SAIBs, their purpose, and instructions on how to search for them in the SAIB database. A red arrow points to the 'Search for SAIBs' link in the 'Top Tasks' sidebar. The footer indicates the page was last modified on August 08, 2011.

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies Training & Test

FAA Home ▶ Aircraft ▶ Aircraft Safety ▶ Alerts

Special Airworthiness Information Bulletins (SAIB)

A Special Airworthiness Information Bulletin (SAIB) is an information tool that alerts, educates, and makes recommendations to the aviation community. SAIBs contain non-regulatory information and guidance that does not meet the criteria for an Airworthiness Directive (AD). Guidance on when to use an SAIB, and how to develop and issue an SAIB is provided in Order 8110.100A.

To locate, view, and download individual bulletins, search the [SAIB](#) database in the FAA Regulatory and Guidance Library.

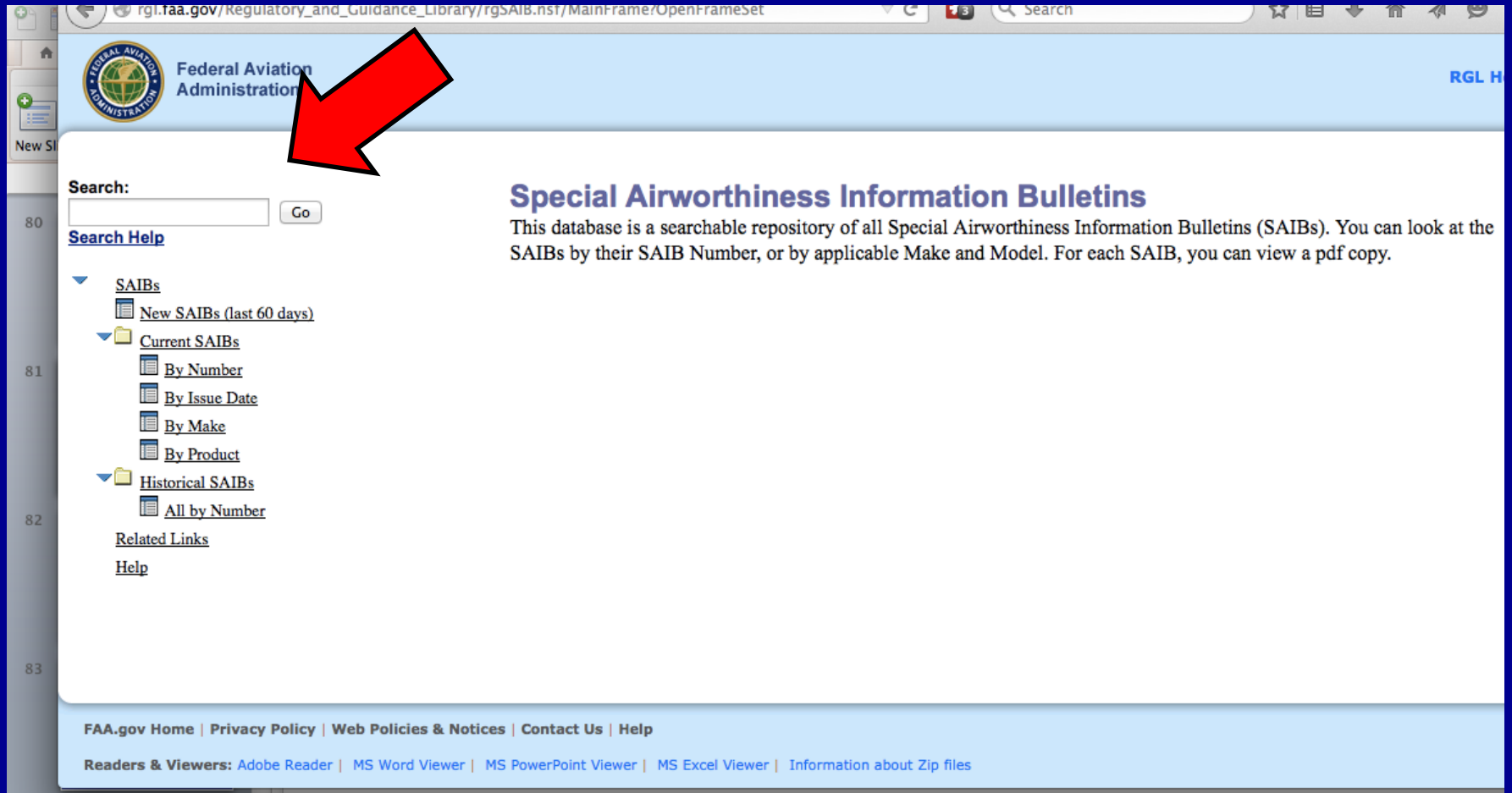
For more information on SAIBs, contact the [Delegation Procedures Branch](#).

Top Tasks

- [View maintenance alerts](#)
- [Search for SAIBs](#)
- [Find an AD](#)
- [Read Unapproved Parts Notifications \(UPNs\)](#)

Page last modified: August 08, 2011 1:22:47 PM

Search for Bulletins at www.faa.gov



The screenshot shows the FAA Regulatory and Guidance Library website. The browser address bar displays `rgl.faa.gov/Regulatory_and_Guidance_Library/rgSAIB.nsl/MainFrame/OpenFrameSet`. The page header includes the Federal Aviation Administration logo and the text "Federal Aviation Administration". A red arrow points to the search bar, which is labeled "Search:" and contains a text input field and a "Go" button. Below the search bar is a link for "Search Help". The main content area is titled "Special Airworthiness Information Bulletins" and includes a description: "This database is a searchable repository of all Special Airworthiness Information Bulletins (SAIBs). You can look at the SAIBs by their SAIB Number, or by applicable Make and Model. For each SAIB, you can view a pdf copy." The left sidebar contains a navigation menu with the following items: "SAIBs", "New SAIBs (last 60 days)", "Current SAIBs" (with sub-links: "By Number", "By Issue Date", "By Make", "By Product"), "Historical SAIBs" (with sub-link: "All by Number"), "Related Links", and "Help". The footer contains links for "FAA.gov Home", "Privacy Policy", "Web Policies & Notices", "Contact Us", and "Help". Below the footer, there is a section for "Readers & Viewers" with links for "Adobe Reader", "MS Word Viewer", "MS PowerPoint Viewer", "MS Excel Viewer", and "Information about Zip files".

rgl.faa.gov/Regulatory_and_Guidance_Library/rgSAIB.nsl/MainFrame/OpenFrameSet

Search

Federal Aviation Administration

RGL H

Search:

Go

[Search Help](#)

Special Airworthiness Information Bulletins

This database is a searchable repository of all Special Airworthiness Information Bulletins (SAIBs). You can look at the SAIBs by their SAIB Number, or by applicable Make and Model. For each SAIB, you can view a pdf copy.

- SAIBs
 - New SAIBs (last 60 days)
 - Current SAIBs
 - By Number
 - By Issue Date
 - By Make
 - By Product
 - Historical SAIBs
 - All by Number
- [Related Links](#)
- [Help](#)

FAA.gov Home | [Privacy Policy](#) | [Web Policies & Notices](#) | [Contact Us](#) | [Help](#)

Readers & Viewers: [Adobe Reader](#) | [MS Word Viewer](#) | [MS PowerPoint Viewer](#) | [MS Excel Viewer](#) | [Information about Zip files](#)

Advisory Circulars

FARs

Policy

Orders

ACs

Bulletins

Orders

ACs

Bulletins

ACs

Bulletins

FAA ACs— What are they?

- FAA issues Advisory Circulars to inform the aviation public in a systematic way of non-regulatory material.
- Describes one means of complying to a Regulation but not the only means of complying.

FAA ACs— Who are they for?

An AC is issued to:

- provide guidance and information, and
- show a method acceptable to the FAA.

FAA ACs— Examples

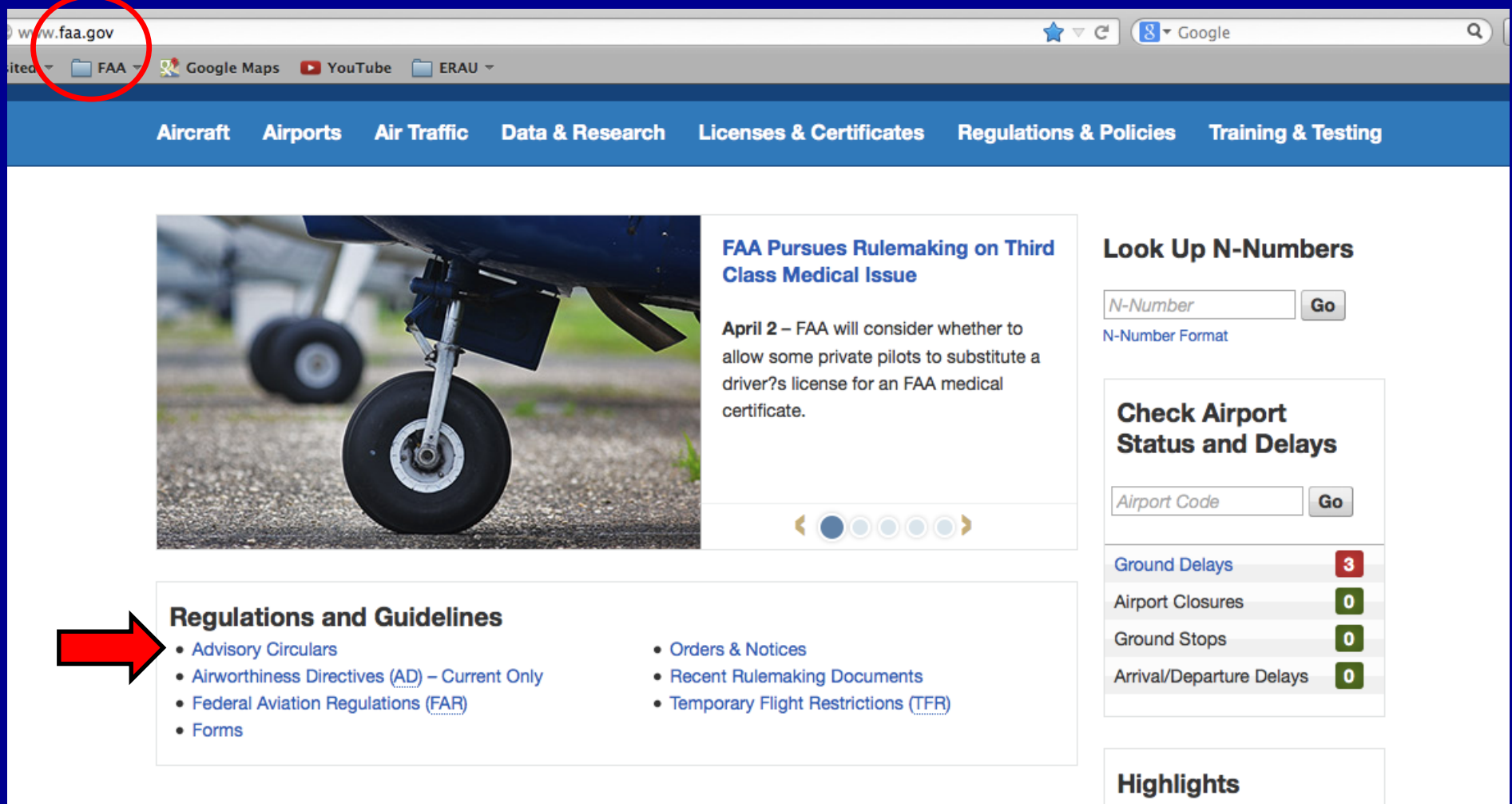
- AC 20-62, Eligibility, Quality, and Identification of Aeronautical Replacement Parts
- AC 20-154 - Guide for Developing a Receiving Inspection System for Aircraft Parts and Materials
- AC 43-13 1A and 2A- Acceptable methods, techniques, and practices aircraft repair and Alteration.
- AC 43-9B- Maintenance Records
- AC 145-3- Repair Station Inspection and Procedures Manuals

So, you want to know...

- What “Airworthy” means?
- What is meant by an “approved part”?
- What is a ‘standard” part?
- What is meant by “Serviceable” stock?
- Do life-limited parts require back-to-birth records?

Look up AC 20-62 & AC 20-154 !

Search for ACs at www.faa.gov



www.faa.gov

Aircraft Airports Air Traffic Data & Research Licenses & Certificates Regulations & Policies Training & Testing

FAA Pursues Rulemaking on Third Class Medical Issue

April 2 – FAA will consider whether to allow some private pilots to substitute a driver's license for an FAA medical certificate.

Look Up N-Numbers

N-Number Go

[N-Number Format](#)

Check Airport Status and Delays

Airport Code Go


Ground Delays	3
Airport Closures	0
Ground Stops	0
Arrival/Departure Delays	0

Regulations and Guidelines

- [Advisory Circulars](#)
- [Airworthiness Directives \(AD\) – Current Only](#)
- [Federal Aviation Regulations \(FAR\)](#)
- [Forms](#)
- [Orders & Notices](#)
- [Recent Rulemaking Documents](#)
- [Temporary Flight Restrictions \(TFR\)](#)

Highlights

Search for ACs at www.faa.gov

 **Federal Aviation Administration**

Search Search

[Aircraft](#) [Airports](#) [Air Traffic](#) [Data & Research](#) [Licenses & Certificates](#) **[Regulations & Policies](#)** [Training & Testing](#)

[FAA Home](#) [Regulations & Policies](#) [Advisory Circulars \(ACs\)](#)

Advisory Circulars (ACs)

[Airworthiness Directives \(ADs\)](#)
[FAA Regulations](#)
[Forms](#)
[Handbooks & Manuals](#)
[Notices to Airmen \(NOTAMS\)](#)
[Orders & Notices](#)
[Policy & Guidance](#)
[Rulemaking](#)
[Temporary Flight Restrictions \(TFRs\)](#)

Search Content, Number, Title, Description, or Office

Status: Search

Subscribe to a Series

Go

Browse by Topic or FAR Part

00 **General**

- 11 General Rule-Making Procedures
- 13 Investigation and Enforcement Procedures

Print Share

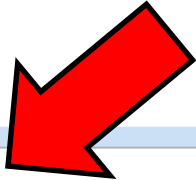
View All

- Current
- Cancelled
- Airports 150 Series Drafts

Export a Checklist

- Current (MS Excel)
- Cancelled (MS Excel)

Questions or Comments?

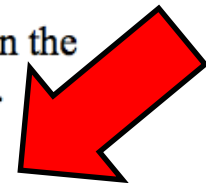


Example... AC 20-154

Do life-limited parts require back-to-birth records?

k. Life-Limited Part. Any part for which a mandatory replacement limit is specified in the type design, the instructions for continued airworthiness (ICA), or the maintenance manual.

NOTE: An audit trail tracing a life-limited part back to its origin would only be required when the operator's records are not complete enough for an accurate determination of the elapsed time on the part to be established. A request for such an audit trace would probably be the exception (Federal Aviation Decisions, Interpretation 1992-35).



Let's Recap...

FARs

- Regulatory
- Binding

Orders

- Instructions
- Guidance

Bulletins

- Methods of conformance
- Methods of compliance
- info & guidance

ACs

- One means of compliance to an FAR
- Not the only means

Thanks for attending!
and remember...

“To stop learning.... is to stop living.”

George J. Ringger

In a time of need, build your team!
Call ASA!!!
Here's my cell phone:
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