

8900 1 vol 2 ch 2 sec 2 federal aviation administration

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FAA Orders, Regulations, and Procedures in Aviation

What is the FAA Order 8900.1?

FAA Order 8900.1 is the Federal Aviation Administration's (FAA) official manual on the certification and operation of airports. It provides guidance on airport design, construction, and maintenance, as well as operational procedures.

What is the FAA Order 8900.1 Volume 5 Chapter 2 Section 15?

This section of the FAA Order 8900.1 covers the certification and operation of Category II aviation facilities.

What is FSIMs?

FSIMs (Flight Standards Information Management System) is an online database maintained by the FAA that provides access to aviation regulations, orders, and guidance materials.

Category II Aviation

Category II aviation allows aircraft to operate with reduced visibility, typically down to 100 feet above ground level (AGL) and half a mile of visibility.

An FAA Order

An FAA order is a directive issued by the FAA to provide guidance on aviation safety and operations.

FAA 3 2 1 Rule

This rule states that aircraft must maintain three miles of separation laterally, two miles of separation vertically, and one mile of separation longitudinally.

ATC Clearance Order

An ATC clearance order is an authorization issued by Air Traffic Control (ATC) to an aircraft pilot, specifying the route, altitude, and other instructions for a particular flight.

Difference Between PTS and ACS

The PTS (Practical Test Standards) and ACS (Airman Certification Standards) are FAA documents that outline the requirements for pilot certification. The PTS is the older document, while the ACS is more current and comprehensive.

Section 2 of the Aircraft Act

Section 2 of the Aircraft Act 1934 defines an aircraft as "any machine which can derive support in the atmosphere from the reactions of the air..."

AOA-Based System

An Angle of Attack (AOA)-based system measures the angle of attack of an aircraft to determine its speed and flight characteristics.

61.57 C in Aviation Training Devices

This regulation requires aviation training devices to be evaluated and approved by the FAA before they can be used for flight training.

FAA Visual Navigation Charts

FAA visual navigation charts are updated every 56 days.

Countries in the FAA Category 2

As of 2023, there are no countries in FAA Category 2.

RNAV Approach

RNAV (Required Navigation Performance) approaches allow aircraft to navigate to and from airports using GPS or other approved navigation systems.

Category 1 in Aviation

Category 1 aviation allows aircraft to operate with reduced visibility, typically down to 200 feet AGL and half a mile of visibility.

FAA Order 8900.2

FAA Order 8900.2 provides guidance on the certification and operation of helicopter operators.

FAA Duty

The FAA is responsible for regulating and promoting aviation safety in the United States.

COA in Flying

A COA (Certificate of Authorization) is a permission granted by the FAA for individuals or organizations to operate or use aircraft in a manner that is not otherwise permitted by the FAA regulations.

Class 2 Airspace

Class 2 airspace is controlled airspace from the surface to an altitude of 14,500 feet MSL.

FAA 51% Rule

This rule states that US citizens must own and control at least 51% of an air carrier.

Can Drones Fly IFR?

No, drones cannot currently fly under Instrument Flight Rules (IFR).

FAA Clearance

FAA clearance is an authorization issued by the FAA to an aircraft pilot to operate in a specific airspace.

VFR Clearance

VFR clearance is an authorization issued by the FAA to an aircraft pilot to operate under Visual Flight Rules (VFR).

Clearance Limit

The clearance limit is the point at which an aircraft is authorized to leave a designated airspace or control zone.

FAA H 8083 1

FAA H 8083 1 is the FAA's guidance on the use of drones.

FAA Compliance Philosophy Order

FAA Order 1000.1 provides guidance on the FAA's compliance philosophy and enforcement actions.

FAA 3 1 1 Rule

This rule states that aircraft must maintain three miles of lateral separation, one mile of vertical separation, and one mile of longitudinal separation.

FAA's Special Rule for Model Aircraft

FAA Special Rule 107.2 exempts model aircraft operators from most FAA regulations.

Difference Between FAA Category 1 and 2

Category 1 aviation allows for reduced visibility operations down to 200 feet AGL and half a mile of visibility, while Category II aviation allows for operations down to 100 feet AGL and half a mile of visibility.

Is B747 a Code F?

Yes, the Boeing 747 is classified as Code F in FAA regulations.

FAA H 8083 3

FAA H 8083 3 provides guidance on the use of laser pointers near airports.

FAA Rules

FAA rules are regulations and laws that govern aviation safety and operations in the United States.

Difference Between EASA and FAA Regulations

EASA (European Aviation Safety Agency) and FAA regulations are similar but not identical. The main difference is that EASA regulations apply in Europe, while FAA regulations apply in the United States.

FAA Compliance

FAA compliance refers to adherence to FAA regulations and orders.

123 Rule in Aviation

This rule states that aircraft must maintain 10,000 feet of separation laterally, 1,000 feet of separation vertically, and 3 miles of separation longitudinally.

3585 Rule in Aviation

This rule states that aircraft must maintain 3,500 feet of separation laterally, 850 feet of separation vertically, and 5 miles of separation longitudinally.

1 in 60 Rule Pilot

This rule states that a pilot cannot accumulate more than 1 flight hour for every 60 flight hours flown in actual or simulated instrument conditions.

FAA's Responsibility

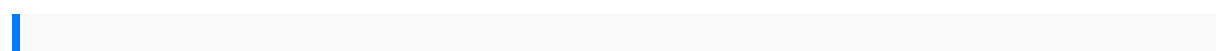
The FAA is responsible for ensuring the safety and efficiency of the US aviation system.

FAA's Goal

The FAA's goal is to promote and protect aviation safety.

61.105 of FAA's Rule

61.105 of FAA's rule requires pilots to have a valid medical certificate before exercising the privileges of a pilot certificate.



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