

Comprehensive List of Advisory Circulars For Aircraft Certification Designees & Delegations

Unless specifically noted below, the Advisory Circular numbers link to Adobe .pdf documents in the FAA Regulatory and Guidance Library.

AC Number	Title
AC 00-1.1	Government Aircraft Operations
AC 20-27	Certification and Operation of Amateur-Built Aircraft
AC 20-40	Placards for Battery-Excited Alternators Installed in Light Aircraft
AC 20-44	Glass Fiber Fabric for Aircraft Covering
AC 20-45	Safetying of Turnbuckles on Civil Aircraft
AC 20-53	Protection of Airplane Fuel Systems Against Vapor Ignition Due to Lightning
AC 20-62	Eligibility, Quality, and Identification of Aeronautical Replacement Parts
AC 20-65	U.S. Airworthiness Certificates and Approvals for Operation of Domestic and Foreign Aircraft
AC 20-66	Vibration and Fatigue Evaluation of Airplane Propellers
AC 20-73	Aircraft Ice Protection
AC 20-107	Composite Aircraft Structure
AC 20-110	Index of Aviation Technical Standard Orders
AC 20-114	Manufacturers' Service Documents
AC 20-116	Marking Aircraft Fuel Filler openings with Color Coded Decals
AC 20-118	Emergency Evacuation Demonstration
AC 20-129	Airworthiness Approval of Vertical Navigation (VNAV) Systems for use in the U.S. National Airspace System (NAS) and Alaska
AC 20-130	Airworthiness Approval of Navigation or Flight Management Systems Integrating Multiple Navigation Sensors
AC 20-139	Commercial Assistance During Construction of Amateur-Built Aircraft
AC 20-140	Guidelines for Design Approval of Aircraft Data Communications Systems
AC 20-141	Airworthiness and Operational Approval of Digital Flight Data Recorder Systems
AC 20-142	Eligibility and Evaluation of U.S. Military Surplus Flight Safety Critical Aircraft Parts, Engines, and Propellers
AC 20-143	Installation, Inspection, and Maintenance of Controls for General Aviation Reciprocating Aircraft Engines
AC 21-1	Production Certificates
AC 21-2	Export Airworthiness Approval Procedures, and Appendix 2 , Special Requirements of Importing Countries.
AC 21-9	Manufacturers Reporting Failures, Malfunctions, or Defects
AC 21-12	Application for U.S. Airworthiness Certificate, Form 8130-6 (In FAA Forms Library)
AC 21.17-1	Type Certification - Airships. Also see FAA report P-8110-2 "Airship Design Criteria" from the DOT online library.

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AC Number	Title
AC 21.17-2	Type Certification-Fixed Wing Gliders (Sailplanes) Including Powered Gliders
AC 21-20	Supplier Surveillance Procedures
AC 21-23	Airworthiness Certification of Civil Aircraft, Engines, Propellers, and Related Products Imported into the United States
AC 21.25-1	Issuance of Type Certificate: Restricted Category Agricultural Airplanes
AC 21-26	Quality Control for the Manufacture of Composite Structures
AC 21-28	Airworthiness Certification of US-Produced Aircraft and Engine Kits Assembled Outside the US
AC 21-29B	Detecting and Reporting Suspected Unapproved Parts
AC 21-31	Quality Control for the Manufacture of Non-Metallic Compartment Interior Components
AC 21-32	Control of Products and Parts Shipped Prior to Type Certificate Issuance
AC 21-33	Quality Assurance of Software Used in Aircraft or Related Products
AC 21-40	Application Guide for Obtaining a Supplemental Type Certificate
AC 21.101-1	Advisory Material for the Establishment of the Certification Basis for Changed Aeronautical Products
AC 23-2	Flammability Tests
AC 23-10	Auxiliary Fuel Systems for Reciprocating and Turbine Powered Part 23 Airplanes
AC 23-11	14 CFR Part 23 Type Certification of an Airplane Originally Certificated to Joint Aviation Regulations - Very Light Airplane (JAR-VLA) Standards
AC 23-13	Fatigue and Fail-Safe Evaluation of Flight Structure and Pressurized Cabin for Part 23 Airplanes
AC 23-14	Type Certification Basis for Conversion from Reciprocating Engine to Turbine Engine-Powered Part 23 Airplanes.
AC 23-15	Small Airplane Certification Compliance Program
AC 23-17	Systems and Equipment Guide for Certification of Part 23 Airplanes
AC 23-18	Installation of Terrain Awareness and Warning System (TAWS) Approved for Part 23 Airplanes
AC 23.562-1	Dynamic Testing of Part 23 Airplane Seat/Restraint Systems and Occupant Protection
AC 23.607-1	Self-Locking Nuts on Bolts Subject to Rotation
AC 23.629-1	Means of Compliance with Section 23.629, Flutter
AC 23.1309-1	Equipment, Systems, and Installations in Part 23 Airplanes
AC 23.1311-1	Installation of Electronic Displays in Part 23 Airplanes
AC 23.1419-2	Certification of Part 23 Airplanes for flight in Icing Conditions
AC 23.1521-1	Type Certification of Automobile Gasoline in Part 23 Airplanes with Reciprocating Engines
AC 23.1521-2	Type Certification of Oxygenates and Oxygenated Gasoline Fuels in Part 23 Airplanes with Reciprocating Engines

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AC Number	Title
AC 25-7A, Chg 1	Flight Test Guide for Certification of Transport Category Airplanes
AC 25-21	Certification of Transport Airplane Structure
AC 25-22	Certification of Transport Airplane Mechanical Systems
AC 25-23	Airworthiness Criteria for the Installation Approval of a Terrain Awareness and Warning System (TAWS) for Part 25 Airplanes
AC 25-24	Sustained Engine Imbalance
AC 25.335-1	Design Dive Speed
AC 25.491-1	Taxi, Takeoff and Landing Roll Design Loads
AC 25.571-1	Damage Tolerance and Fatigue Evaluation of Structure
AC 25.723-1	Shock Absorption Tests
AC 25.905-1	Minimizing the Hazards from Propeller Blade and Hub Failures
AC 25.1419-1	Certification of Transport Category Airplanes for Flight In Icing Conditions
AC 25.1435-1	Hydraulic System Certification Tests and Analysis
AC 27-1	Certification of Normal Category Rotorcraft
AC 29-2	[Large Aircraft] Certification of Transport Category Rotorcraft (Changes incorporated)
AC 33-1	Foreign Object Ingestion/Containment
AC 33-2	Engine Type Certification Handbook
AC 33-3	Turbine and Compressor Rotor Type Certification Procedures
AC 33-4	Design Considerations Concerning the use of Titanium in Aircraft Turbine Engines
AC 33.4-1	Instructions for Continued Airworthiness
AC 33.4-2	Instructions for Continued Airworthiness: In-Service Inspection of Safety Critical Turbine Engine Parts at Piece-Part Opportunity
AC 33-5	Turbine Engine Rotor Blade Containment and Durability
AC 33-6	Weld Repair of Aluminum Crankcases and Cylinders of Piston Engines
AC 33.15-1	Manufacturing Process of Premium Quality Titanium Alloy Rotating Engine Components
AC 33.47-1	Detonation Testing In Reciprocating Aircraft Engines
AC 33.65-1	Surge and Stall
AC 33.74/92-1	Turbine Engine Continued Rotation and Rotor Locking
AC 33.76-1	Bird Ingestion Certification Standards
AC 33.78-1	Turbine Engine Power-Loss and Instability in Extreme Conditions of Rain and Hail
AC 34-1	Fuel Venting and Exhaust Emission Requirements for Turbine Engine Powered Airplanes
AC 35.37-1	Composite Propeller Blade Fatigue Substantiation
AC 39-7	Airworthiness Directives. Airworthiness Directives from 1940 to present are available at the FAA Regulatory and Guidance Library .

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AC Number	Title
AC 39-8	Continued Airworthiness Assessments of Powerplant and Auxiliary Power Unit Installations of Transport Category Airplanes
AC 43.9-1	Instructions for Completion of FAA Form 337 (OMB No. 2120-0020), Major Repair and Alteration (Airframe, Powerplant, Propeller, or Appliance)
AC 43-13-1	Acceptable Methods, Techniques, and Practices - Aircraft Inspection and Repair
AC 43-17	Methods, Techniques, and Practices Acceptable to the Administrator Governing the Installation, Removal, or Change of Identification Data and Identification Plates
AC 45-2	Identification and Registration Marking
AC 45-3	Installation, Removal, or Change of Identification Data & Identification Plates on Aircraft Engines
AC 65-13	FAA Inspection Authorization Directory
AC 90-89	Amateur-Built Aircraft Flight Testing Handbook
AC 91-33	Use of Alternate Grades of Aviation Gasoline for Grade 80/87, and use of Automotive Gasoline
AC 105-2	Sport Parachute Jumping
AC 120-29	Criteria for Approval of Category I and Category II Weather Minima for Approach
AC 120-66	Aviation Safety Action Program (ASAP)
AC 120-73	Damage Tolerance Assessment of Repairs to Pressurized Fuselages
AC 120-77	Maintenance and Alteration Data
AC 120-83	Flight Deck Observer Seat and Associated Equipment
AC 135-13	FAA Certificated Air Carriers Directory
AC 140-2	FAA Certificated Pilot Schools Directory
AC 140-7	FAA Certificated Repair Stations Directory (On-line Repair Station Search)
AC 147-2	FAA Certificated Aviation Maintenance Technician Schools Directory
AC 183.29-1	Designated Engineering Representatives (Consultant DER Directory - most recent version) If you are a DER and need to update your information, contact your advisor or send an email .
AC 183-32	FAA Certificated Technical Personnel Examiners Directory
AC 183-35	Airworthiness Designee Information (DAR/ODAR/DAS/DOA/SFAR 36 Directory - most recent version)

Advisory Circular Checklist and Status of Other FAA Publications, [AC 00-2.15](#)

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- Superseded Advisory Circulars in DOT's [Online Digital Special Collections](#)