

# Federal Aviation Agency



## CHANGE

149-650  
AC NO: 60-2G

GENERAL

EFFECTIVE :

10/19/66

**SUBJECT :** ADVISORY CIRCULAR CHECKLIST

### 1. PURPOSE.

This circular transmits the revised checklist of current FAA advisory circulars as of Oct. 19, 1966.

### 2. CANCELLATIONS.

The following advisory circulars are canceled:

<i>Number</i>	<i>Subject</i>
AC 00-2F	Advisory Circular Checklist, 5/1/66
AC 20-6E	U.S. Civil Aircraft Register (Announcement), 4/5/66
AC 20-7B	General Aviation Inspection Aids Summary—August 1965, 8/1/65
AC 20-23	Interchange of Service Experience—Mechanical Difficulties, 6/4/66
AC 20-31	Approval Basis for Category II Installations of Airborne Navigation, Instrument, and Flight Control Systems in Transport Aircraft, 12/4/64
AC 20-31 CH 1	Approval Basis for Category II Installation of Airborne Navigation, Instrument, and Flight Control Systems in Transport Category Aircraft, 9/14/65
AC 21-4	Special Flight Permits for Operation of Overweight Aircraft, 2/14/66
AC 60-2B	Annual Aviation Mechanic Safety Awards—1965 Program, 7/1/65
AC 61-1 CH 1	Aircraft Type Ratings & Guide to Airline Transport Pilot Flight Test Maneuvers, 2/25/63
AC 61-1 CH 2	Aircraft Type Ratings & Guide to Airline Transport Pilot Flight Test Maneuvers, 5/27/63
AC 61-1 CH 3	Aircraft Type Ratings & Guide to Airline Transport Pilot Flight Test Maneuvers, 9/1/64

<i>Number</i>	<i>Subject</i>
AC 61-1 CH 4	Aircraft Type Ratings & Guide to Airline Transport Pilot Flight Test Maneuvers, 3/9/66
AC 61-8	Instrument Pilot Examination Guide, 5/8/64
AC 120-15	Criteria for Approval of Category II Landing Weather Minima, 10/2/64
AC 121-3E	Maintenance Review Board Reports, 4/22/66
AC 121-4	Aircraft Maintenance Time Limitations, 1/8/65
AC 127.13-1	Helicopter Maintenance Time Limitations, 11/2/64
AC 143-1	Ground Instructor Examination Guide, 11/1/63
AC 150/5325-2	Airport Surface Areas Gradient Standards, 11/9/64
AC 150/5340-1	Marking of Serviceable Runways and Taxiways, 11/6/63
AC 150/5340-4	Installation Details for In-Runway Lighting, 1/27/64
AC 150/5345-1	Approved Airport Lighting Equipment, 8/15/63

### 3. ADDITIONS.

The following advisory circulars are added to the list:

<i>Number</i>	<i>Subject</i>
AC 00-2G	Advisory Circular Checklist, 10/1/66
AC 00-18A	FAA Publications, 11/3/66
AC 00-19	System Description for a Modernized Weather Teletypewriter Communications System, 7/8/66
AC 00-20	Cancellations of Flight Standards Service Releases, 9/7/66
AC 00-21	Shoulder Harness, 10/5/66

<i>Number</i>	<i>Subject</i>	<i>Number</i>	<i>Subject</i>
AC 20-6F	U.S. Civil Aircraft Register, 7/1/66	AC 120-20	Criteria for Approval of Category II Landing Weather Minima, 6/6/66
AC 20-7C	General Aviation Inspection Aids Summary, 7/15/66	AC 120-21	Aircraft Maintenance Time Limitations, 6/24/66
AC 20-7C CH 1	General Aviation Inspection Aids—Suppl. No. 1, 8/1/66	AC 120-22	Systemsworthiness Analysis Program, 7/29/66
AC 20-7C CH 2	General Aviation Inspection Aids—Suppl. No. 2, 9/19/66	AC 120-23	Maintenance Symposium—Continued Reliability of Transport Type Aircraft Structure, 8/2/66
AC 20-7C CH 3	General Aviation Inspection Aids—Suppl. No. 3, 10/12/66	AC 120-24	Establishment and Revision of Aircraft Engine Overhaul and Inspection Periods, 9/1/66
AC 20-23A	Interchange of Service Experience—Mechanical Difficulties, 8/18/66	AC 121-1 CH 9	Standard Maintenance Specifications Handbook, 10/13/66
AC 20-48	Practice Guide for Decontaminating Aircraft, 5/5/66	AC 121-3F	Maintenance Review Board Reports, 7/20/66
AC 20-49	Analysis of Bird Strike Reports on Transport Category Airplanes, 7/27/66	AC 121-7	Use of Seat Belts by Passengers and Flight Attendants to Prevent Injuries, 7/14/66
AC 21-3	Basic Glider Criteria Handbook (Announcement), 10/18/66	AC 121-8	Additional Airport Aids—Runway Marking and Lighting—Air Carrier Turbojet Operations, 9/19/66
AC 21-4A	Special Flight Permits for Operation of Overweight Aircraft, 9/16/66	AC 121-9	Maintenance of Evacuation Slides, 9/22/66
AC 43-203	Altimeter and Static System Tests and Inspections, 6/17/66	AC 143-1A	Ground Inspector Examination Guide — Basic — Advanced, 2/14/66
AC 60-2C	Annual Aviation Mechanic Safety Award Program, 7/10/66	AC 145.101-1	Application for Air Agency Certificate—Manufacturer's Maintenance Facility, 7/12/66
AC 61-1 CH 5	Aircraft Type Ratings and Guide to Airline Transport Pilot Flight Test Maneuvers, 9/30/66	AC 147-2B	Federal Aviation Agency Certificated Mechanic School Directory, 8/1/66
AC 61-8A	Instrument Pilot Examination Guide, Revised 1966	AC 150/1930-1	Radiological Decontamination of Civil Airports, 8/19/66
AC 61-27	Instrument Flying Handbook, 12/12/66	AC 150/4290-1	Assistance in Obtaining Copper Products for Airport Lighting, 10/6/66
AC 61-29	Instrument Flight Instructor Written Examination Guide, 9/28/66	AC 150/5100-2	Priorities Under the Federal-Aid Airport Program for F.Y. 1967, 5/9/66
AC 61-30	Flight Test Guide—Gyroplane, Commercial Pilot, Revised 1966	AC 150/5100-3	Federal-aid Airport Program Procedures Guide for Sponsors, 6/30/66
AC 61-31	Gyroplane Pilot Examination Guide, Private and Commercial, 2/9/66	AC 150/5100-3 CH 1	Federal-aid Airport Program Procedures Guide for Sponsors, 8/23/66
AC 61-33	Gyroplane Flight Instructor Examination Guide, 3/25/66	AC 150/5190-1	Minimum Standards for Commercial Aeronautical Activities on Public Airports, 8/18/66
AC 61-35	Gold Seal Flight Instructor Certificate, 10/4/66	AC 150/5190-2	Exclusive Rights at Airports, 9/2/66
AC 63-1	Flight Engineer Written Examination Guide, Revised 1966	AC 150/5200-3	Bird Hazards to Aircraft, 10/7/66
AC 65.33-1	List of Study References for the ATC Tower Operator Examination, 5/25/66	AC 150/5210-5	Painting, Marking, and Lighting of Vehicles Used on an Airport, 8/31/66
AC 91-12	Required Inspection for Air Carrier Aircraft Reverting to General Operation Under FAR 91, 5/24/66		
AC 120-17 CH 1	Handbook for Maintenance Control by Reliability Methods, 6/24/66		

Number	Subject
AC 150/5210-6	Aircraft Fire and Rescue Facilities and Extinguishing Agents, 9/7/66
AC 150/5320-6 CH 1	Change 1 to Advisory Circular 150/5320-6, Airport Paving 10/19/66
AC 150/5325-2A	Airport Surface Areas Gradient Standards, 5/12/66
AC 150/5325-3 CH 1	Background Information of the Aircraft Performance Curves for Large Airplanes, 5/12/66
AC 150/5325-4 CH 4	Runway Length Requirements for Airport Design, 5/12/66
AC 150/5325-4 CH 5	Runway Length Requirements for Airport Design, 7/13/66
AC 150/5330-3	Wind Effect on Runway Orientation, 5/5/66
AC 150/5340-1A	Marking of Serviceable Runways and Taxiways, 6/30/66
AC 150/5340-1A CH 1	Change 1 to Marking of Serviceable Runways and Taxiways, 9/15/66
AC 150/5340-4A	Installation Details for Runway Centerline and Touchdown Zone Lighting Systems, 8/4/66
AC 150/5345-1A	Approved Airport Lighting Equipment, 8/9/66
AC 150/5345-10A CH 1	Change 1 to Specification for L-828 Constant Current Regulator with Stepless Brightness Control, 6/7/66
AC 150/5345-24 CH 1	Change 1 to Specification for L-849 Condenser Discharge Type Flashing Light, 6/14/66

**4. EXPLANATION.**

The FAA issues advisory circulars to inform the aviation public in a systematic way of non-regulatory material of interest. Advisory circulars are issued in a numbered-subject system corresponding to the subject areas in the recodified Federal Aviation Regulations. This checklist is issued triannually listing all current circulars.

**5. THE CIRCULAR NUMBERING SYSTEM.**

a. *General.* The advisory circular numbers relate to the subchapter titles, and correspond with the parts, and when appropriate, the specific sections of the Federal Aviation Regulations. Circulars of a general nature bear a number corresponding to the number of the general subject (subchapter) in the FAR's.

b. *Subject Numbers.* The general subject matter areas and related numbers are as follows:

Subject No.	Subject
00	General
10	Procedural
20	Aircraft
60	Airmen
70	Airspace
90	Air Traffic Control and General Operations
120	Air Carrier and Commercial Operators and Helicopters
140	Schools and Other Certificated Agencies
150	Airports
170	Air Navigational Facilities
180	Administrative
210	Flight Information

c. *Breakdown of Subject Numbers.* When the volume of circulars in a general series warrants a subsubject breakdown, the general number is followed by a slash and a subsubject number. Material in the 150, Airports, series is issued under the following subsubjects:

150/5100	Federal-aid Airport Program
150/5150	Surplus Airport Property Conveyance Programs
150/5190	Airport Compliance Program
150/5200	Airport Safety—General
150/5210	Airport Safety Operations (Recommended Training, Standards, Manning)
150/5220	Airport Safety Equipment and Facilities
150/5230	Airport Ground Safety System
150/5240	Civil Airports Emergency Preparedness
150/5300	Design, Construction, and Maintenance—General
150/5320	Airport Design
150/5325	Influence of Aircraft Performance on Aircraft Design
150/5335	Runway, Taxiway, and Apron Characteristics
150/5340	Airport Visual Aids
150/5345	Airport Lighting Equipment
150/5360	Airport Buildings
150/5370	Airport Construction
150/5380	Airport Maintenance
150/5390	Heliports

d. *Individual Circular Identification Numbers.* Each circular has a subject number followed by a dash and a sequential number identifying the individual circular. This sequential number is

not used again in the same subject series. Revised circulars have a letter A, B, C, etc., after the sequential number to show complete revisions. Changes to circulars have CH 1, CH 2, CH 3, etc., after the identification number on pages that have been changed. The date on a revised page is changed to the effective date of the change.

#### 6. THE ADVISORY CIRCULAR CHECKLIST.

a. *General.* Each issued circular is listed numerically within its subject-number breakdown. The identification number (AC 120-1), the change number of the latest change, if any, to the right of the identification number, the title and the effective date for each circular are shown in Attachment 1. A brief explanation of the contents is given for each listing. The publishing date of "for sale" items is shown in italics.

b. *Price.* When a price is listed after the description of a circular, it means that this circular is for sale by the Superintendent of Documents. When no price is given, the circular is distributed free of charge by FAA. Paragraph 7 tells how to get copies of circulars from these two sources.

c. *Missing Numbers.* In some series of sequential numbers there are missing numbers, e.g., 00-8 through 00-11 have not been used although 00-7 and 00-12 have been used. These missing numbers are assigned to advisory circulars still in preparation which will be issued later.

d. *Internal Directives on Sale.* A list of certain internal directives sold by the Superintendent of Documents is shown at the end of the checklist. These documents are not identified by advisory circular numbers, but have their own directive numbers.

#### 7. HOW TO GET CIRCULARS.

a. Request free advisory circulars shown in the attachment without an indicated price from:

Federal Aviation Agency  
Distribution Unit, HQ-438  
Washington, D.C. 20553

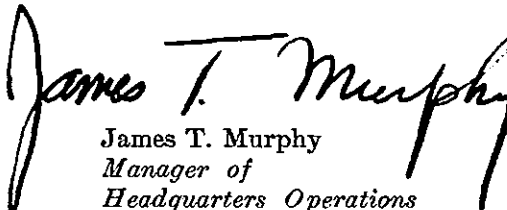
Note: Individuals who want to be placed on the Agency's mailing list for future circulars should write to the above address. Be sure to identify the subject matter desired by the subject numbers and titles shown in paragraph 5b because separate mailing lists are maintained for each advisory circular subject series. When requesting free circulars, use the order blank provided in this circular to help speed the mailing. Checklists and circulars issued in the general series will be distributed to every addressee on each of the subject series lists. Individuals requesting more than one subject classification may receive more than one copy of related circulars and this checklist because they will be included on more than one mailing list. Persons already on the distribution list for AC's and changes to FAR's will automatically receive related circulars.

b. Order advisory circulars and internal directives with purchase price given in the attachment from:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

c. Send check or money order with your order to the Superintendent of Documents. Make the check or money order payable to the Superintendent of Documents in the amounts indicated in the list. Orders for mailing to foreign countries should include an additional amount of 25 percent of the price to cover postage. No c.o.d. orders are accepted.

d. Advisory circulars may be reproduced in their entirety or in part without permission from the Federal Aviation Agency.

  
James T. Murphy  
Manager of  
Headquarters Operations

Mailing lists for Advisory Circulars have been computerized. If any errors in mailing occur, please notify Federal Aviation Agency, Distribution Unit, HQ-438, Washington, D.C. 20553. BE SURE TO ENCLOSE THE MAILING LABEL from the shipment together with the Advisory Circular number(s) so that your listing can be corrected.

## ATTACHMENT 1. ADVISORY CIRCULAR CHECKLIST

### GENERAL

#### Subject No. 00

- 00-1 **The Advisory Circular System (12/4/62)**. Describes the FAA Advisory Circular System.
- 00-3 **Realm of Flight (5/1/63)**. Presents practical information about weather in relation to the piloting of private aircraft. *Published in 1963*. (\$.75 GPO)
- 00-4 **Facts of Flight (5/1/63)**. Offers practical information about the operation of private aircraft. *Published in 1963*. (\$.50 GPO)
- 00-5 **Path of Flight (2/1/63)**. Provides the private pilot with information essential to safe navigation of his aircraft. *Published in 1963*. (\$.70 GPO)
- 00-6 **Aviation Weather (5/20/65)**. Provides an up-to-date and expanded text for pilots and other flight operations personnel whose interest in meteorology is primarily in its application to flying. *Published in 1965*. (\$2.25 GPO)
- 00-7 **State and Regional Defense Airlift Planning (4/30/64)**. Provides guidance for the development of plans by the FAA and other Federal and State agencies for the use of non-air-carrier aircraft during an emergency.
- 00-7 **CH 1 Provision of Appendix 4 and Addition of New Appendix 9 to State and Regional Defense Airlift Planning (1/5/65)**. The title is self-explanatory.
- 00-12 **Potential Hazard Associated with the Use of Celluloid Computers in Flight (6/6/63)**. Advises flight crewmembers of a hazard when using equipment made of celluloid material.
- 00-13A **Runway Visibility Measurements (2/24/65)**. Provides the latest information available on the installation and operational use of Runway Visibility Value (RVV) and Runway Visual Range (RVR) at civil airports in the United States.
- 00-14 **Flights by U.S. Pilots Into and Within Canada (4/16/65)**. Provides information concerning flights into and within Canada.
- 00-15 **Potential Hazard Associated With Passengers Carrying "Anti-Mugger" Spray Devices (8/20/65)**. Advises aircraft operators, crewmembers, and others who are responsible for flight safety, of a possible hazard to flight should a passenger inadvertently or otherwise discharge a device commonly known as an "anti-mugger" spray device in the cabin of an aircraft.
- 00-17 **Turbulence in Clear Air (12/16/65)**. Provides information on atmospheric turbulence and wind shear, emphasizing important points pertaining to the common causes of turbulence, the hazards associated with it, and the conditions under which it is most likely to be encountered.

- 00-18A **FAA Publications—November 1966 (11/3/66)**. Provides a list of FAA publications of general interest to the aviation public.
- 00-19 **System Description for a Modernized Weather Teletypewriter Communications System (7/8/66)**. Transmits a technical report of the system improvements which the Federal Aviation Agency plans to make in the operation of the Services A, C, and O weather teletypewriter communications network.
- 00-20 **Cancellation of Flight Standards Service Releases (9/7/66)**. Cancels all outstanding Flight Standards Service Releases.
- 00-21 **Shoulder Harness (10/5/66)**. Provides information concerning the installation and use of shoulder harnesses by pilots in general aviation aircraft.

### PROCEDURAL

#### Subject No. 10

- 10-3 **Operation of Oxygen System High Pressure Valves (8/21/64)**. Provides information concerning the importance of proper "opening" of oxygen system high pressure valves.
- 11-1 **Airspace Rule-Making Proposals and Changes to Air Traffic Control Procedures (10/28/64)**. Emphasizes the need for the early submission of proposals involving airspace rule-making activity or changes to existing procedures for the control of air traffic.

### AIRCRAFT

#### Subject No. 20

- 20-1 **Limitations of Self-Locking Castellated Nuts (6/20/63)**. Provides information on the limitations of cotter pinned self-locking nuts.
- 20-3A **Status and Availability of Military Handbooks and ANC Bulletins for Aircraft (1/15/64)**. Announces the status and availability of Military Handbooks and ANC Bulletins prepared jointly with FAA.
- 20-5 **Plane Sense (8/14/63)**. Provides general aviation information for the private aircraft owner.
- 20-6F **U.S. Civil Aircraft Register (7/1/66)**. Lists all active U.S. civil aircraft by registration number. *Published in 1966*. (\$6.50 GPO)
- 20-7C **General Aviation Inspection Aids Summary (7/15/66)**. Contains the latest information on airplane service difficulties reported up to and including fiscal year 1966. This year's summary also contains an Addendum of previously unpublished data. *Published in 1966*. (\$1.50 GPO)
- 20-7C **CH 1 General Aviation Inspection Aids (8/1/66)**. Supplement No. 1 to General Aviation Inspection Aids.
- 20-7C **CH 2 General Aviation Inspection Aids (9/19/66)**. Supplement No. 2 to General Aviation Inspection Aids.

- 20-7C CH 3 General Aviation Inspection Aids (10/12/66). Supplement No. 3 to General Aviation Inspection Aids.
- 20-8 Shifting Flight Control Systems from Boost-On to Boost-Off Operation on all Lockheed Constellation Aircraft (7/30/63). Provides guidance material for air carriers and other operators of Constellation type aircraft relating to the shifting of the flight control system from boost-on to boost-off operation during emergencies.
- 20-9 Personal Aircraft Inspection Handbook (12/2/64). Provides a general guide, in simple, nontechnical language, for the inspection of aircraft. *Published in 1964.* (\$.50 GPO)
- 20-10 Approved Airplane Flight Manuals for Transport Category Airplanes (7/30/63). Calls attention to the regulatory requirements relating to FAA Approved Airplane Flight Manuals.
- 20-11 Eligibility and Quality of Aircraft Replacement Parts and Supplies (8/18/63). Advises the aircraft industry of replacement parts and supplies which may not meet acceptable standards.
- 20-12 Acceptable Functional and Installation Criteria for Aircraft Type Certification Approval of the Installation of Airborne Communications, Navigation, and Automatic Flight Control Systems (4/6/64). Advises about the future plans of the FAA regarding the subject matter.
- 20-13A Surface—Effect Vehicles (8/28/64). States FAA policy on surface-effect vehicles (vehicles supported by a cushion of compressed air).
- 20-14 Aircraft Airworthiness; Restricted Category: Certification of Aircraft With Uncertificated Engines or Engines to Which Major Alterations Have Been Made (10/25/63). Sets forth information needed by FAA for type certification of aircraft in the restricted category with uncertificated engines or engines having major alterations.
- 20-15A Qualification of Type Certificated Engines and Propellers for Aircraft Installations (3/24/66). Calls attention to the relationship between both Federal Aviation Regulations, Parts 33 (Aircraft Engine Airworthiness) and 35 (Propeller Airworthiness), and various aircraft airworthiness parts.
- 20-17 Surplus Military Aircraft (1/6/64). Informs how to obtain copies of regulations required for certification of surplus military aircraft.
- 20-18A Qualification Testing of Turbojet Engine Thrust Reversers (3/16/66). Discusses the requirements for the qualification of thrust reversers and sets forth an acceptable means of compliance with the tests prescribed in Federal Aviation Regulations, Part 33, when run under nonstandard ambient air conditions.
- 20-19A Identification of Approved Aeronautical Replacement Parts (1/19/66). Advises the aircraft industry of the FAA methods for identifying aeronautical replacement parts and how to determine that such parts are approved for installation on certificated aircraft.
- 20-20A Flammability of Jet Fuels (4/9/65). Gives information on the possibility of combustion of fuel in aircraft fuel tanks.
- 20-21 Application of Glass Fiber Laminates in Aircraft (12/3/64). Provides information on the past and present uses of reinforced plastics in aircraft, the engineering and design considerations, and the manufacturing methods insofar as they relate to and affect the strength and durability characteristics of reinforced plastics. *Published in 1964.* (\$.35 GPO)
- 20-23A Interchange of Service Experience—Mechanical Difficulties (8/18/66). Explains the advantages of a voluntary exchange of service experience data.
- 20-24 Qualification of Fuels, Lubricants, and Additives (6/16/64). Establishes procedures for the approval of the use of subject materials in certificated aircraft.
- 20-25 Identification of Technical Standard Order (TSO) Safety Belts (7/5/64). Describes the markings which indicate that a safety belt has been manufactured under the FAA TSO system and approved for use in certificated aircraft.
- 20-26 Turbine and Compressor Rotors Type Certification Substantiation Procedures (7/22/64). Sets forth acceptable means of complying with Part 13 of the CAR's.
- 20-26 CH 1 Turbine and Compressor Rotors Type Certification Substantiation Procedures (9/18/64). Revises the overspeed r.p.m. for testing when the demonstration is made on a complete engine.
- 20-26 CH 2 Turbine and Compressor Rotors Type Certification Substantiation Procedures (7/8/65). References to CAR 13 are revised to reflect only Federal Aviation Regulations; and provides clarification of paragraph 4c of the basic advisory circular.
- 20-27 Certification and Operations of Amateur-Built Aircraft (7/31/64). Provides information and guidance material for amateur aircraft builders.
- 20-28 Nationally Advertised Aircraft Construction Kits (8/7/64). Explains that using certain kits could render the aircraft ineligible for the issuance of an experimental certificate as an amateur-built aircraft.
- 20-29 Use of Phillips Petroleum Company's Additive PFA-55MB as an Anti-Icing Agent (10/6/64). Provides information on the use of Phillips additive PFA-55MB as an acceptable means of compliance with the Civil Air Regulations that require assurance of continuous fuel flow under conditions where ice may occur in turbine aircraft fuel systems.
- 20-30 Airplane Position Lights and Supplementary Lights (10/19/64). Provides an acceptable means for complying with the position light requirements for airplane airworthiness and acceptable criteria for the installation of supplementary lights on airplanes.

- 20-32 **Carbon Monoxide (CO) Contamination in Aircraft—Detection and Prevention (1/22/65).** Informs aircraft owners, operators, maintenance personnel, and pilots of the potential dangers of carbon monoxide contamination and discusses means of detection and procedures to follow when contamination is suspected.
- 20-33 **Technical Information Regarding Civil Aeronautics Manuals 1, 3, 4a, 4b, 5, 6, 7, 8, 9, 10, 13, and 14 (2/8/65).** Advises the public that policy information contained in the subject Civil Aeronautics Manuals may be used in conjunction with specific sections of the Federal Aviation Regulations.
- 20-34 **Prevention of Retractable Landing Gear Failures (3/8/65).** Provides information and suggested procedures to minimize landing accidents involving aircraft having retractable landing gear.
- 20-35 **Tie-Down Sense (4/29/65).** Provides information of general use on aircraft tie-down techniques and procedures.
- 20-36A **Index of Materials, Parts and Appliances Certified Under the Technical Standard Order System—March 1, 1966 (4/8/66).** Lists the materials, parts, and appliances for which the Administrator has received statements of conformance under the Technical Standard Order system as of March 1, 1966. Such products are deemed to have met the requirements for FAA approval as provided in Part 37 of the Federal Aviation Regulations.
- 20-37 **Aircraft Metal Propeller Blade Failure (6/7/65).** Provides information and suggested procedures to increase service life and to minimize blade failures of metal propellers.
- 20-38A **Measurement of Cabin Interior Emergency Illumination in Transport Airplanes (2/8/66).** Outlines acceptable methods, but not the only methods, for measuring the cabin interior emergency illumination on transport airplanes, and provides information as to suitable measuring instruments.
- 20-39 **Installation Approval of Entertainment Type Television Equipment in Aircraft (7/15/65).** Presents an acceptable method (but not the only method) by which compliance may be shown with Federal Aviation Regulations 23.1431, FAR 25.1309(b), FAR 27.1309(b), or FAR 29.1309(b) as applicable.
- 20-40 **Placards for Battery-Excited Alternators Installed in Light Aircraft (8/11/65).** Sets forth an acceptable means of complying with placarding rules in Federal Aviation Regulations 23 and 27 with respect to battery-excited alternator installations.
- 20-41 **Replacement TSO Radio Equipment in Transport Aircraft (8/30/65).** Sets forth an acceptable means for complying with rules governing transport category aircraft installations in cases involving the substitution of technical standard order radio equipment for functionally similar radio equipment.
- 20-42 **Hand Fire Extinguishers in Transport Category Airplanes and Rotorcraft (9/1/65).** Sets forth acceptable means (but not the sole means) of compliance with certain hand fire extinguisher regulations in FAR 25 and FAR 29, and provides related general information.
- 20-43 **Aircraft Fuel Contamination (9/3/65).** Informs the aviation community of the potential hazards of fuel contamination, its control, and recommended fuel servicing procedures.
- 20-44 **Glass Fiber Fabric for Aircraft Covering (9/3/65).** Provides a means, but not the sole means, for acceptance of glass fiber fabric for external covering of aircraft structure.
- 20-45 **Safeying of Turnbuckles on Civil Aircraft (9/17/65).** Provides information on turnbuckle safeying methods that have been found acceptable by the Agency during past aircraft type certification programs.
- 20-46 **Suggested Equipment for Gliders Operating Under IFR (9/23/65).** Provides guidance to glider operators on how to equip their gliders for operation under instrument flight rules (IFR), including flight through clouds.
- 20-47 **Exterior Colored Band Around Exits on Transport Airplanes (2/8/66).** Sets forth an acceptable means, but not the only means, of complying with the requirement for a 2-inch colored band outlining exits required to be openable from the outside on transport airplanes.
- 20-48 **Practice Guide for Decontaminating Aircraft (5/5/66).** The title is self-explanatory.
- 20-49 **Analysis of Bird Strike Reports on Transport Category Airplanes (7/27/66).** Provides the results of a statistical study on the frequency of collisions of birds with transport aircraft and the resulting damages.
- 21-1 **Production Certificates (6/15/65).** Provides information concerning Subpart G of Federal Aviation Regulations (FAR) Part 21, and sets forth acceptable means of compliance with its requirements.
- 21-2 **Export Airworthiness Approval Procedures (7/16/65).** Announces the adoption of new regulations and provides guidance to the public regarding the issuance of export airworthiness approvals for aeronautical products to be exported from the United States.
- 21-2 **CH 1 Export Airworthiness Approval Procedures (4/15/66).** Clarifies the entries regarding FAA Form 306 and disposition of certification documents by exporters, and provides procedures regarding special export airworthiness approvals for aircraft.
- 21-3 **Basic Glider Criteria Handbook (Announcement) (10/19/66).**
- 21-4A **Special Flight Permits for Operation of Overweight Aircraft (9/16/66).** Furnishes guidance concerning special flight permits necessary to operate an aircraft in excess of its usual maximum certificated takeoff weight.

- 21-5 Summary of Supplemental Type Certificates (2/24/66). Announces the availability to the public of a new Summary of Supplemental Type Certificates (STC's). Part 21 of the Federal Aviation Regulations.
- 21.25-1 Use of Restricted Category Airplanes for Glider Towing (4 20 65). Announces that glider towing is now considered to be a special purpose for type and airworthiness certification in the restricted category.
- 21.303-1 Replacement and Modification Parts (3/2/66). Provides information concerning Section 21.303 of Federal Aviation Regulations, Part 21, and sets forth examples of acceptable means of compliance with its requirements.
- 23-1 Type Certification Spin Test Procedures (4/1/64). Sets forth an acceptable means by which compliance may be shown with the one-turn spinning requirement in Part 3 of the CAR's.
- 23.1329-1 Automatic Pilot Systems Approval (Non-Transport) (12/23/65). Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 23.1329 may be shown.
- 25-1 Airplane Flight Manual Procedures Associated with Performance Limitations (9/4/63). Provides acceptable means for compliance with Special Regulation SR-422B, section 4T.743(c).
- 25-2 Extrapolation of Takeoff and Landing Distance Data Over a Range of Altitude for Turbine-Powered Transport Aircraft (7 9 64). Sets forth acceptable means by which compliance may be shown with the requirements in CAR 4b and SR-422B.
- 25-3 Protection of Transport Aircraft Fuel Systems Against Lightning (7/22/65). Summarizes the results of recent studies concerning (a) the protection of transport aircraft fuel systems against the effects of lightning, (b) protective techniques and devices, and (c) methods for testing protective measures.
- 25-4 Inertial Navigation Systems (INS) (2/18/66). Sets forth an acceptable means for complying with rules governing the installation of inertial navigation systems in transport category aircraft.
- 25.253-1 High-Speed Characteristics (11/24/65). Sets forth an acceptable means by which compliance may be shown with FAR 25.253 during certification flight tests.
- 25.253-1 CH 1 High-Speed Characteristics (1/10/66). Provides amended information for the basic advisory circular.
- 25.1329-1 Automatic Pilot System Approval (10/1/65). Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 25.1329 may be shown.
- 25.1457-1 Cockpit Voice Recorder Installations (4/7/65). Sets forth an acceptable means of compliance with provisions in FAR Part 25 pertaining to cockpit voice recorder location and erasure features.
- 27.1581-1 Sea Rotorcraft Autorotative Landing on Land (8/3/65). Sets forth acceptable means, not the sole means, with which to provide suitable warning information to crews of float-equipped rotorcraft (pneumatic bag type) when a safe autorotative landing on land may not be possible.
- 29-1 Approval Basis for Automatic Stabilization Equipment (ASE) Installations in Rotorcraft (12/26/63). Gives means for compliance with flight requirements in various CAR's.
- 29-1 CH 1 Approval Basis for Automatic Stabilization Equipment (ASE) Installations in Rotorcraft (3/26/64). Transmits revised information about the time delay of automatic stabilization equipment.
- 29.773-1 Pilot Compartment View (1/19/66). Sets forth acceptable means, not the sole means, by which compliance with FAR 29.773(a)(1), may be shown.
- 33-1 Turbine-Engine Foreign Object Ingestion and Rotor Blade Containment Type Certification Procedures (6/24/65). Provides guidance and acceptable means, not the sole means, by which compliance may be shown with the design and construction requirements of Part 33 of the Federal Aviation Regulations.
- 33-2 Aircraft Engine Type Certification Handbook (3/30/66). Contains guidance relating to type certification of aircraft engines which will constitute acceptable, although not the sole means, of compliance with the Federal Aviation Regulations.
- 39-1 Jig Fixtures; Replacement of Wing Attach Angles and Doublers on Douglas Model DC-3 Series Aircraft (8/1/63). Describes methods of determining that jig fixtures meet the requirements of Airworthiness Directive 63-4-1.
- 39-2 Summary of Airworthiness Directives (9/10/65). Announces the availability to the public of a new Summary of Airworthiness Directives, Part 39 of the Federal Aviation Regulations (formerly Part 507 of the Regulations of the Administrator).
- 43-1 Matching VHF Navigation Receiver Outputs With Display Indicators (8/2/65). Alerts industry to the possibility of mismatching outputs, both guidance and flag alarm, of certain VHF navigation receivers when used with some types of display indicators causing the receiver to fail without providing a flag alarm.
- 43-2 Minimum Barometry for Calibration and Test of Atmospheric Pressure Instruments (9/10/65). Sets forth guidance material which may be used to determine the adequacy of barometers used in the calibration of aircraft static instruments and presents information concerning the general operation, calibration, and maintenance of such barometers.
- 43.9-1A Instruction for Completion of FAA Form 337 (4/20/65). Provides instructions for completing revised FAA Form 337, Major Repair and Alteration (Airframe, Powerplant, Propeller, or Appliance).



- 43.11-1A Aircraft Use and Inspection Report (2/15/65).** Provides instruction for completing revised FAA Form 2350.
- 43.13-1 Acceptable Methods, Techniques and Practices—Aircraft Inspection and Repair (5/16/66).** Contains methods, techniques, and practices acceptable to the Administrator for inspection and repair to civil aircraft. *Published in 1965.* (\$1.50 GPO)
- 43.13-2 Acceptable Methods, Techniques, and Practices—Aircraft Alterations (4/19/66).** Contains methods, techniques, and practices acceptable to the Administrator in altering civil aircraft. *Published in 1965.* (\$1.00 GPO)
- 43-202 Maintenance of Weather Radar Radomes (6/11/65).** Provides guidance material useful to repair facilities in the maintenance of weather radar radomes.
- 43-203 Altimeter and Static System Tests and Inspections (6/17/66).** Provides an acceptable means for the performance of altimeter and static systems tests and gives information on both the persons authorized to perform such tests and the equipment used.
- 45-1 Nationality and Registration Marks for Fixed-Wing Aircraft (7/16/65).** Reminds owners and operators of fixed-wing aircraft of the approaching deadline to comply with the Federal Aviation Regulations requiring the display of the subject marks on the vertical tail surfaces or on the sides of the fuselage.
- AIRMEN**
- Subject No. 60**
- 60-1 Know Your Aircraft (6/12/63).** Describes potential hazards associated with operation of unfamiliar aircraft and recommends good operating practices.
- 60-2C Annual Aviation Mechanic Safety Award Program (7/10/66).** Gives the details of the Annual Aviation Mechanic Safety Awards Program.
- 60-4 Pilot's Spatial Disorientation (2/9/65).** Acquaints pilots flying under visual flight rules with the hazards of disorientation caused by the loss of reference with the natural horizon.
- 61-1 Aircraft Type Ratings and Guide to Airline Transport Pilot Flight Test Maneuvers (11/1/62).** Provides a list of the various aircraft type ratings issued to qualified pilot applicants and a guide to the satisfactory performance of required maneuvers for airline transport pilot certification.
- 61-1 CH 5 Aircraft Type Ratings and Guide to Airline Transport Pilot Flight Test Maneuvers (9/30/66).** Transmits page changes to Attachment 1 of AC 61-1 to provide an amended list of aircraft type ratings.
- 61-2A Private Pilot (Airplane) Flight Training Guide (9/1/64).** Contains a complete private pilot flight training syllabus which consists of 30 lessons. *Published in 1964.* (\$1.00 GPO)
- 61-3A Flight Test Guide—Private Pilot—Airplane—Single Engine (5/20/66).** Assists the private pilot applicant in preparing for his certification flight test. *Published in 1966.* (\$.20 GPO)
- 61-4A Flight Test Guide—Multiengine Airplane Class or Type Rating (5/13/66).** Assists multiengine pilot applicants in preparing for certification or rating flight tests. *Published in 1966.* (\$.15 GPO)
- 61-5 Helicopter Pilot Examination Guide—Private, Commercial, and Flight Instructor (11/1/63).** Assists pilot applicants in preparing for the helicopter pilot examination.
- 61-6A Glider Pilot Examination Guide—Private, Commercial, and Flight Instructor (5/1/65).** Outlines basic requirements for glider pilots and assists in preparing for the pilot examination.
- 61-7 Military Pilot Examination Guide (12/1/63).** Outlines requirements for military or former military pilots seeking FAA certificate as private or commercial pilots.
- 61-8A Instrument Pilot Examination Guide (1/12/66).** Assists pilots in preparing for the Instrument Pilot Examination. *Revised in 1966.* (\$.40 GPO)
- 61-9 Pilot Transition Courses for Complex Single-Engine and Light Twin-Engine Airplanes (6/16/64).** Provides training syllabuses and checkout standards for pilots who seek to qualify on additional types of airplanes. *Published in 1964.* (\$.15 GPO)
- 61-10 Private and Commercial Pilots Refresher Courses (9/1/64).** Provides a syllabus of ground instruction periods and training lessons. *Published in 1964.* (\$.15 GPO)
- 61-11 Airplane Flight Instructor Examination Guide (1/5/66).** Provides information to prospective airplane flight instructors about certification requirements, application procedures, and reference study materials; a sample examination is presented with explanations of the correct answers. *Published in 1965.* (\$.45 GPO)
- 61-12A Student Pilot Guide (2/28/66).** Serves as a guide for prospective student pilots and presents general procedures for obtaining student and private pilot certificates. *Published in 1965.* (\$.15 GPO)
- 61-13 Basic Helicopter Handbook (1/20/66).** Provides detailed information to applicants preparing for private, commercial, and flight instructor pilot certificates with a helicopter rating about helicopter aerodynamics, performance, and flight maneuvers. It will also be useful to certificated helicopter flight instructors as an aid in training students. *Published in 1965.* (\$.75 GPO)
- 61-14 Flight Instructor Practical Test Guide (1/19/65).** Provides assistance to the certificated pilot in preparing for the practical demonstration required for the issuance of the flight instructor certificate. *Published in 1964.* (\$.10 GPO)

- 61.15-1 Helicopter or Gyroplane Class Rating Requirement for Rotorcraft Pilots (1/15/63). Calls the attention of certificated rotorcraft pilots to the fact that helicopter or gyroplane class ratings are required for the operation of rotorcraft after 2/1/63.
- 61-16 Flight Instructor's Handbook (1/19/65). Contains study and reference material on the principles of teaching and flight training procedures. *Published in 1964.* (\$.60 GPO)
- 61-17 Flight Test Guide—Instrument Pilot Airplane (9/1/64). Provides assistance for the instrument pilot applicant in preparing for his instrument rating flight test. *Published in 1964.* (\$.10 GPO)
- 61-18A Airline Transport Pilot (Airplane) Written Examination Guide (4/28/66). Describes the type and scope of aeronautical knowledge covered by the written examination, lists appropriate references for study, and presents sample examination questions. *Published in 1966.* (\$.35 GPO)
- 61-19 Safety Hazard Associated with Simulated Instrument Flights (12/4/64). Emphasizes the need for care in the use of any device restricting visibility while conducting simulated instrument flights that may also restrict the view of the safety pilot.
- 61-20 Integrated Flight Instruction (5/4/65). Provides information on the objectives of integrated flight instruction, and on the procedures for its administration.
- 61-21 Flight Training Handbook (1/11/66). Provides information and direction in the introduction and performance of training maneuvers for student pilots, pilots requalifying or preparing for additional ratings, and flight instructors. *Published in 1965.* (\$.70 GPO)
- 61-22A Pilot Flight Tests in Small Airplanes With Stability/Control Augmentation (3/16/66). Rescinds the limitation published in AC 61-22 for pilot certificates issued on the basis of flight training and tests in airplane equipped with gyroscopic stability/control augmentation systems.
- 61-23 Private Pilot's Handbook of Aeronautical Knowledge (5/27/66). Contains essential, authoritative information used in training and guiding applicants for private pilot certification, flight instructors, and flying school staffs. *Published in 1966.* (\$.2.75 GPO)
- 61-24 Student Pilot Certificate Endorsements for Solo Flight in Single-Place or Single-Control Aircraft (7/20/65). Describes a suggested procedure for checking out student pilots for solo flights in single-place or single-control aircraft.
- 61-25 Flight Test Guide—Helicopter, Private and Commercial Pilot (12/7/65). Assists the helicopter pilot applicant in preparing for the certification flight tests; provides information concerning applicable procedures and standards. *Published in 1965.* (\$.10 GPO)
- 61-26 Flight Instructor Requalification Program and Increased Student Pilot Operating Requirements (9/23/65). Informs the public of the procedures which will be used by FAA inspectors in implementing the Flight Instructor Certificate renewal, instructor supervision of student pilots, and other associated requirements instituted by FAR Amendment 61-18.
- 61-27 Instrument Flying Handbook (12/12/66). Provides the pilot with basic information needed to acquire an FAA instrument rating. It is designed for the reader who holds at least a private pilot certificate and is knowledgeable in all areas covered in the *Private Pilot's Handbook of Aeronautical Knowledge.* *Published in 1966.* (\$.1.75 GPO)
- 61-28 Commercial Pilot Examination Guide (5/17/66). Guides prospective applicants toward a clear understanding of the requirements, the reference material, the form of the examination, and the examining procedures. *Published in 1966.* (\$.75 GPO)
- 61-29 Instrument Flight Instructor Written Examination Guide (9/28/66). Designed to aid those preparing for the Instrument Flight Instructor Written Examination, this guide outlines basic knowledge necessary to an instrument flight instructor, indicates sources helpful in acquiring this knowledge, and provides sample questions and answers for practice. *Published in 1966.* (\$.50 GPO)
- 61-30 Flight Test Guide—Gyroplane, Commercial Pilot (2/8/66). Assists commercial pilot operator in preparing for certification test. *Revised in 1966.* (\$.15 GPO)
- 61-31 Gyroplane Pilot Examination Guide, Private and Commercial (2/9/66). Outlines information basic to a gyroplane pilot, lists sources useful in acquiring this knowledge, and presents sample examination questions.
- 61-33 Gyroplane Flight Instructor Examination Guide (3/25/66). Assists applicants who are preparing for the Flight Instructor Rotorcraft Gyroplane Written Examination *Revised in 1966.*
- 61-35 Gold Seal Flight Instructor Certificate (10/4/66). Announces the issuance of gold seal certificates to persons with outstanding qualifications and performance records as flight instructors.
- 61.117-1A Flight Test Guide—Commercial Pilot, Airplane . . . Single Engine (12/1/64). Assists the commercial applicant in preparing for his certification flight test. *Published in 1964.* (\$.10 GPO)
- 65-2 Airframe and Powerplant Mechanics Examination Guide (7/22/63). Provides information to prospective airframe and powerplant mechanics and other persons interested in FAA certification of aviation mechanics. *Published in 1963.* (\$.30 GPO)
- 65-4 Aircraft Dispatcher Examination Guide (5/27/66). Describes the type and scope of aeronautical knowledge covered by the aircraft dispatcher written examination, lists reference materials, and presents sample questions. *Published in 1966.* (\$.40 GPO)

- 65.33-1 List of Study References for the ATC Tower Operator Examination (5/25/66). The title is self-explanatory.
- 65.71-1 Mechanic Written Test—Expiration Date (5/4/65). Advises persons, who have (within the past 24 months) passed those sections of the mechanics written test that were previously failed, to submit Form 578A, Report of Written Examination, to FAA.
- 65.91-1 Inspection Authorization—Application Procedures and Examination Study Guide (9/30/63). Provides information pertinent to obtaining Inspection Authorization and serves as a study guide.
- 65.95-1 Handbook for Aviation Mechanics with Inspection Authorization (5/1/63). Provides guidance and instructional material for Authorized Inspectors in exercising their privileges and places significance upon the relationship of the inspection authorization privileges to air safety.

#### AIRSPACE

##### Subject No. 70

- 70-1A Approach Procedures Obstruction Criteria (4/7/65). Announces an interim policy to supplement criteria applicable to structures adjacent to instrument approach procedure areas.
- 77-1 Objects Affecting Navigable Airspace (7/2/65). Announces the availability of the revised Part 77 of the Federal Aviation Regulations (FAR), dated May 1, 1965. This revised Part 77 supersedes the edition dated December 12, 1962.
- 77.37-1 Petitioning the Administrator for Review of Hazard Determinations (10/11/65). Furnishes information concerning the submission of petitions to the Administrator for review, extension, or revision of hazard determinations issued by Regional Directors.

#### AIR TRAFFIC CONTROL AND GENERAL OPERATIONS

##### Subject No. 90

- 90-1 Using the Instrument Approach Procedure Charts (2/25/63). Clarifies the symbols and abbreviations used on Instrument Approach Procedure Charts.
- 90-5 Coordination of Air Traffic Control Procedures and Criteria (6/13/63). States Air Traffic Service policy respecting coordination of air traffic procedures and criteria with outside agencies and/or organizations.
- 90-8 Radio Identification of Student Pilots (8/15/63). Encourages student pilots to identify themselves when communicating with FAA facilities.
- 90-10 Holding Pattern (3/1/64). Advises pilots that revised IFR aircraft holding pattern procedures, implemented by FAA in January 1, 1962, will be the sole basis for providing protected airspace for holding patterns, beginning 3/1/64.
- 90-11 Air Traffic Control Radio Frequency Assignment Plan (9/16/64). Describes the civil air traffic control very high frequency assignment plan and the allocation of frequencies in the 118-136 Mc/s band.
- 90-12 Severe Weather Avoidance (4/15/64). Provides information regarding air traffic control assistance in avoiding severe weather conditions.
- 90-13 Turbojet Training Program—General Aviation (4/22/64). Recommends areas of coverage for initial and recurrent training of general aviation pilots in turbojet aircraft.
- 90-13 CH 1 Turbojet Training Program—General Aviation (12/23/65). Transmits a page change to Attachment 1 of AC 90-13 to provide suggested minimum hours of pilot training for general aviation turbojet aircraft certificated subsequent to the issuance of AC 90-13.
- 90-14 Altitude-Temperature Effect on Aircraft Performance (5/7/64). Re-emphasizes importance to pilots of being aware of altitude-temperature effects on aircraft performance.
- 90-15 Pilot's Response to ATC Clearances and Instructions (7/2/64). States Agency philosophy concerning expected pilot response to air traffic control clearances and instructions.
- 90-17 Air Traffic Control Procedures Manual (10/15/64). Announces the availability of the new Third Edition of the ATC Procedures Manual.
- 90-18 Large Propeller-Driven Aircraft Training Program—General Aviation (10/21/64). Recommends areas of coverage for initial and recurrent training of general aviation pilots in large propeller-driven aircraft.
- 90-19 Use of Radar for the Provision of Air Traffic Control Services (10/29/64). Advises the aviation community of the Agency's practice in the use of radar information to provide air traffic control services.
- 90-20 Weather Radar Radomes (11/12/64). Highlights some important points to consider in the selection and maintenance of weather radar radomes.
- 90-21 Dualing of Service O Circuits 8273, 8275 and 8276 (3/1/65). Provides revised weather schedules by circuit to enable users to determine which circuit(s) will be required to meet their needs.
- 90-22 Automatic Terminal Information Service (ATIS) (2/17/65). Provides information concerning the establishment and operation of Automatic Terminal Information Service (ATIS).
- 90-23A Wake Turbulence (12/21/65). Provides information on the subject of wake turbulence and suggests techniques that may help pilots avoid the hazards associated with wing tip vortex turbulence.

- 90-24 **Service A Weather Teletypewriter Circuit Loading Adjustment (3/15/65).** Advises Service A weather teletypewriter system subscribers of a pending transfer of certain data from Area to Supplemental Circuits and provides lead time for obtaining extension service on the latter where necessary to continue receiving such data.
- 90-25 **Contact Approach (3/22/65).** Announces FAA actions concerning the flight procedure and describes a newly adopted definition and the conditions under which air traffic control may authorize use of that procedure.
- 90-26 **Retention of ATC Facility Voice Recordings and Flight Progress Strips Reduced to 15 Days (7/1/65).** Advises that the normal retention period of ATC facility voice recordings and flight progress strips which were formerly retained for 30 days are now retained only 15 days.
- 90-27 **Operation of Pictorial Display/Course Line Computer Equipment in the National Airspace System (8/20/65).** Sets forth the advantages to be gained by the utilization of airborne Pictorial Display/Course Line Computer (PD/CLC) equipment in conjunction with VOR/DME/TACAN ground facilities.
- 90-28 **Course Changes While Operating Under Instrument Flight Rules Below 18,000 Feet Mean Sea Level (9/2/65).** Reminds pilots making course changes that routings prescribed in air traffic control clearances must be adhered to as closely as possible in order that flight paths will remain within airway/route boundaries during en route and terminal flight operations.
- 90-29 **Prescribed IFR Departure Procedures (9/16/65).** Advises pilots of the source of information relative to IFR departure procedures published by the Agency for terrain/obstruction avoidance purposes.
- 90-30 **Precision Approach Radar (PAR) Service (1/1/66).** Provides information concerning the provision of Precision Approach Radar (PAR) service at FAA operated air traffic control facilities.
- 91-1A **Operation of Civil Aircraft With One Cabin Door Removed for Parachuting, Sky Diving, or Other Special Operations (5/10/65).** Provides a revised listing of aircraft which may be operated with one cabin door removed and procedures for obtaining FAA authorization for such operation.
- 91-3 **Acrobatic Flight (9/30/63).** Sets safe operating practices for the conduct of acrobatic flight operations.
- 91-4 **Effect of Runway Lighting Facilities on Landing Minimums (12/3/63).** Informs of FAA considerations on runway lighting facilities in the reduction of weather minimums for landing.
- 91-5 **Waivers Part 91, Federal Aviation Regulations (2/27/64).** Provides information on submission of applications and issuance of waivers to FAR Part 91.
- 91-6 **Water, Slush, and Snow on the Runway (1/21/65).** Provides background and guidelines concerning the operation of turbojet aircraft with water, slush, and/or snow on the runway.
- 91-7 **Hazards Associated With In-Flight Use of "Visible-Fluid" Type Cigarette Lighters (3/16/65).** Discusses the potential hazards associated with in-flight use of "visible-fluid" type cigarette lighters.
- 91-8 **Use of Oxygen by General Aviation Pilots/Passengers (5/16/65).** Provides general aviation personnel with information concerning the use of oxygen.
- 91-9 **Potential Hazards Associated With Turbojet Ground Operations (6/19/65).** Alerts turbojet operators and flight crews to potential hazards involving turbojet operations at airports.
- 91-10A **Suggestions for Use of ILS Minima by General Aviation Operators of Turbojet Airplanes (10/8/65).** Provides general aviation operators of turbojet airplanes with information on practices and procedures to be considered before utilizing the lowest published IFR minima prescribed by FAR Part 97 and provides information on pilot-in-command experience, initial and recurrent pilot proficiency, and airborne airplane equipment.
- 91-11 **Periodic Inspection Reminder (8/10/65).** Provides the aviation community with a uniform visual reminder of the date a periodic inspection becomes due.
- 91.11-1 **Guide to Drug Hazards in Aviation Medicine (7/19/63).** Lists all commonly used drugs by pharmacological effect on airmen with side effects and recommendations. *Published in 1962.* (\$35 GPO)
- 91-12 **Required Inspection for Air Carrier Aircraft Reverting to General Operation Under FAR 91 (5/24/66).** Describes acceptable methods for complying with the required inspections established by FAR Part 91.
- 91.83-1 **Canceling or Closing Flight Plans (3/12/64).** Outlines the need for canceling or closing flight plans promptly to avoid costly search and rescue operations.
- 91.83-2 **IFR Flight Plan Route Information (2/16/66).** Clarifies the air traffic control needs for the filing of route information in an IFR (Instrument Flight Rules) flight plan.
- 95-1 **Airway and Route Obstruction Clearance (6/17/65).** Advises all interested persons of the airspace areas within which obstruction clearance is considered in the establishment of Minimum En Route Instrument Altitudes (MEAs) for publication in FAR Part 95.
- 99.11-1 **Flight Plan Requirements: Coastal or Domestic ADIZ (11/15/63).** Provides recommended flight plan filing procedures for operation within or into an Air Defense Identification Zone (ADIZ).

- 99.27-1 **Flight Plan Tolerances for Air Defense Identification Zones (9/30/63).** Provides recommended flight plan tolerances for operations within or into the ADIZ.
- 101-1 **Waivers of Part 101, Federal Aviation Regulations (1/13/64).** Provides information on submission of applications and issuances of waivers to FAR Part 101.
- 103-1 **Hazard Associated with Sublimation of Solid Carbon Dioxide (Dry Ice) Aboard Aircraft (12/16/63).** Discusses potential hazards of dry ice and gives precautionary measures.
- 105-1 **Intentional Parachute Jumping (11/19/63).** Provides information and guidance on intentional parachute jumping and parachute equipment.
- AIR CARRIER AND COMMERCIAL OPERATORS AND HELICOPTERS**
- Subject No. 120**
- 120-1 **Reporting Requirements of Air Carrier and Commercial Operators (6/6/63).** Advises all Parts 40, 41, 42, and 46 operators that the mechanical reliability reporting requirements contained in those respective parts of the regulations have not been altered.
- 120-2A **Precautionary Propeller Feathering to Prevent Runaway Propellers (8/20/63).** Emphasizes the need for prompt feathering when there is an indication of internal engine failure.
- 120-3 **Self-contained Navigational Aids (7/9/63).** Outlines FAA policy relative to installation and use of self-contained navigational aids in air carrier operations.
- 120-4A **Criteria for Turbojet Landing Minima—Air Carriers and Commercial Operators of Large Aircraft (8/9/65).** Amends the criteria for approval of landing minima below 300-¾ or RVR 4000 for turbojet aircraft.
- 120-5 **High Altitude Operations in Areas of Turbulence (8/26/63).** Recommends procedures for use by jet pilots when penetrating areas of severe turbulence.
- 120-7 **Minimum Altitudes for Conducting Certain Emergency Flight Training Maneuvers and Procedures (9/4/63).** Recommends minimum altitudes for conducting simulated emergency flight training maneuvers be established.
- 120-11 **Section 42.52(b) of Civil Air Regulations Part 42 Effective November 11, 1963 (11/11/63).** Gives an acceptable method for air carriers to comply with CAR Part 42.
- 120-12 **Private Carriage Versus Common Carriage by Commercial Operators Using Large Aircraft (6/24/64).** Provides guidelines for determining whether current or proposed transportation operations by air constitute private or common carriage.
- 120-13 **Jet Transport Aircraft Attitude Instrument Systems (6/26/64).** Provides information about the characteristics of some attitude instrument systems presently installed in some jet transport aircraft.
- 120-14 **Air Taxi Operators and Commercial Operators of Small Aircraft (7/6/64).** Clarifies the requirements of Part 135 of the FAR's and provides additional information not readily available.
- 120-16 **Continuous Airworthiness Program (10/19/64).** Provides air carriers and commercial operators with guidance and information pertinent to the regulatory amendments concerned with requirements for air carrier continuous airworthiness program.
- 120-17 **Handbook for Maintenance Control by Reliability Methods (12/31/64).** Provides information and guidance material which may be used to design or develop maintenance reliability programs which include a standard for determining time limitations.
- 120-17 CH 1 **Handbook for Maintenance Control by Reliability Methods (6/24/66).** Transmits new material to the subject handbook.
- 120-18 **Preservation of Maintenance Records (5/10/65).** Provides information and guidance relative to the microfilming of maintenance records.
- 120-20 **Criteria for Approval of Category II Landing Weather Minima (6/6/66).** Sets forth criteria, guidelines, and procedures which provide an acceptable basis for the approval of Category II ILS minima and the installation approval of the associated airborne systems.
- 120-21 **Aircraft Maintenance Time Limitations (6/24/66).** Provides method and procedures for the initial establishment and revision of time limitations on inspections, checks, maintenance or overhaul.
- 120-22 **Systemworthiness Analysis Program (7/29/66).** Gives information on the implementation, operation, and reasons for the Agency's Systems worthiness Analysis Program.
- 120-23 **Maintenance Symposium—Continued Reliability of Transport Type Aircraft Structure (8/2/66).** Announces date and purpose of FAA symposium.
- 120-24 **Establishment and Revision of Aircraft Engine Overhaul and Inspection Periods (9/1/66).** Describes methods and procedures used by the Federal Aviation Agency in the establishment and revision of aircraft engine overhaul periods.
- 121-1 **Standard Maintenance Specifications Handbook (12/15/62).** Provides procedures acceptable to FAA which may be used by operators when establishing inspection intervals and overhaul times.
- 121-1 CH 1 **Standard Maintenance Specifications Handbook (7/1/63).** Provides amended information for the basic advisory circular.

- 121-1 CH 2 Standard Maintenance Specifications Handbook (6/16/64). Provides amended information for the basic advisory circular.
- 121-1 CH 3 Standard Maintenance Specifications Handbook (8/26/64). Provides amended information for the basic advisory circular.
- 121-1 CH 4 Standard Maintenance Specifications Handbook (12/14/64). Provides amended information for the basic advisory circular.
- 121-1 CH 5 Standard Maintenance Specifications Handbook (11/8/65). Provides new information for the basic advisory circular.
- 121-1 CH 6 Standard Maintenance Specifications Handbook (12/6/65). Provides new information for the basic advisory circular.
- 121-1 CH 7 Standard Maintenance Specifications Handbook (12/29/65). Provides new information for the basic advisory circular.
- 121-1 CH 8 Standard Maintenance Specifications Handbook (3/31/66). Provides new and revised material for the basic advisory circular.
- 121-1 CH 9 Standard Maintenance Specifications Handbook (10/13/66). Transmits new material to the subject handbook.
- 121-2 FAA Airborne Vibration Monitoring Program for Turbine Engines (1/15/63). Describes conditions under which air carrier operators of turbine-powered aircraft may apply for and obtain approval for operation of engines and specific accessories, equipment and components beyond their currently approved overhaul time limitations when airborne vibration monitoring equipment is used.
- 121-2 CH 1 FAA Airborne Vibration Monitoring Program for Turbine Engines (5/20/63). Provides guidance material for FAA Air Carrier Operations Inspectors and air carriers with respect to flight crewmember training in the use of airborne vibration monitoring equipment on turbine engines.
- 121-3F Maintenance Review Board Reports (7/20/66). Revises the list of currently effective Maintenance Review Board Reports by adding the report for the Convair-Dart CV-240D (600), 340D, and 440D aircraft.
- 121-5 Aircraft Weight and Balance Control (1/8/65). Provides a method and procedures for weight and balance control.
- 121-6 Portable Battery-Powered Megaphones (1/5/66). Sets forth an acceptable means for complying with rules (applicable to various persons operating under Part 121 of the Federal Aviation Regulations) that prescribe the installation of approved megaphones.
- 121-7 Use of Seat Belts by Passengers and Flight Attendants to Prevent Injuries (7/14/66). Concerned with the prevention of injury due to air turbulence.
- 121-8 Additional Airport Aids—Runway Marking and Lighting—Air Carrier Turbojet Operations (9/19/66). Emphasizes the importance of runway markings and approach slope guidance in assisting turbojet airplane pilots to touchdown at the proper runway point.
- 121-9 Maintenance of Evacuation Slides (9/22/66). Provides information and guidance to air carriers and commercial operators in the maintenance of emergency evacuation slides.
- 121.195(d)-1 Alternate Operational Landing Distances for Wet Runways; Turbojet Powered Transport Category Airplanes (11/19/65). Sets forth an acceptable means, but not the only means, by which the alternate provision of Section 121.195(d) may be met.
- 127.13-2 Helicopter Weight and Balance Control (11/2/64). Provides a method and procedures for weight and balance control.
- 135.155-1 Alternate Static Source for Altimeters and Airspeed and Vertical Speed Indicators (2/16/65). Sets forth an acceptable means of compliance with provisions in FAR Part 135 and Part 23 dealing with alternate static sources.
- 137-1 Agricultural Aircraft Operations (11/29/65). Explains and clarifies the requirements of FAR Part 137 and provides additional information, not regulatory in nature, which will assist interested persons in understanding the operating privileges and limitations of this Part.

#### SCHOOLS AND OTHER CERTIFICATED AGENCIES

##### Subject No. 140

- 140-1B Consolidated Listing of FAA Certificated Repair Stations (1/1/66). Gives the name, address, certificate number, and ratings of repair stations.
- 140-2B List of Certificated Pilot Flight and Ground Schools (1/1/66). Provides a list of FAA certificated pilot schools as of January 1, 1966.
- 143-1A Ground Instructor Examination Guide—Basic—Advanced (2/14/66). Designed to assist applicants preparing for the Basic or Advanced Ground Instructor Written Examination by outlining the required knowledge and by providing sample questions for practice. *Revised in 1966.* (\$.70 GPO)
- 143-2 Ground Instructor — Instrument — Examination Guide (12/30/65). Provides information to applicants for the instrument ground instructor rating about the subject areas covered in the examination and illustrated by a study outline, a list of study materials, and a sample examination with answers. *Published in 1965.* (\$.50 GPO)
- 145.101-1 Application for Air Agency Certificate—Manufacturer's Maintenance Facility (7/12/66). Explains how to obtain a repair station certificate.

- 147-2A Federal Aviation Agency Certificated Mechanic School Directory (11/1/65). Provides a revised directory of all FAA certificated mechanic schools to date.
- 147-2B Federal Aviation Agency Certificated Mechanic School Directory (8/1/66). Provides a revised listing of all FAA certificated mechanic schools as of August 1, 1966.
- 147.5-1 Application Procedures for Mechanic School Certificate Issuance (1/9/64). Provides information on submission of an application for the issuance of a mechanic school certificate.
- 149-2B Listing of Federal Aviation Agency Certificated Parachute Lofts (1/1/65). Provides a revised list of all FAA certificated parachute lofts.
- 149.9-1A Military Surplus Parachutes (9/24/64). Advises of the release of military surplus parachutes to the public by the Department of Defense.

## AIRPORTS

### Subject No. 150

- 150/1930-1 Radiological Decontamination of Civil Airports (8/19/66). Offers guidance in preattack preparations, emergency action and decontamination methods.
- 150/4290-1 Assistance in Obtaining Copper Products for Airport Lighting (10/6/66). Describes problems currently involved in obtaining copper products necessary for airport lighting and offers some possible solutions.
- 150/5050-1 Airport Planning as a Part of Comprehensive State Planning Programs (4/25/66). Encourages states to include airport planning in their comprehensive planning program and provides guidance and general methodology for developing a statewide airport planning program as part of the state's comprehensive planning program.
- 150/5070-1 Rapid Transit Service for Metropolitan Airports (8/26/65). Informs airport officials of a Federal assistance program for rapid transit.
- 150/5070-2 Planning the Metropolitan Airport (9/17/65). Provides guidance and methodology for planning the metropolitan airport system as a part of the comprehensive metropolitan planning program.
- 150/5070-2 CH 1 Planning the Metropolitan Airport System (1/11/66). Adds coverage of an advance land acquisition plan and program as an integral part of a metropolitan system planning program.
- 150/5070-3 Planning the Airport Industrial Park (9/30/65). Provides guidance to communities, airport boards, and industrial developers for the planning and development of Airport Industrial Parks.
- 150/5070-4 Planning for Rapid Urbanization Around Major Metropolitan Airports (3/31/66). Alerts planning agencies to the need for developing appropriate planning programs to guide rapid urbanization in the vicinity of major metropolitan airports and suggests procedures for such planning programs.

### Federal-aid Airport Program

- 150/5100-1 Information on Federal-aid Airport Program (FAAP) (4/15/65). Provides information on the type of airport projects considered for Federal financial assistance, how to request Federal financial assistance, and dimensional standards for airports.
- 150/5100-1 CH 1 Information on Federal-aid Airport Program (FAAP) (6/30/65). Provides for application of utility airport approach slope ratios and revises clear zone widths to conform with FAR Part 77.
- 150/5100-2 Priorities Under the Federal-aid Airport Program for F.Y. 1967 (5/9/66). Provides information of priorities used in the allocation of Federal funds for airport development under the Federal-aid Airport Program.
- 150/5100-3 Federal-aid Airport Program-Procedures Guide for Sponsors (6/30/66). Advises sponsors who apply for Federal funds for airport development under the Federal-aid Airport Program.
- 150/5100-3 CH 1 Federal-aid Airport Program Procedures Guide for Sponsors (8/23/66). Corrects transposal of Figures 1 and 3 in Appendix I of AC 150/5100-3.

### Surplus Airport Property Conveyance Programs

- 150/5150-1 Federal Surplus Personal Property for Public Airport Purposes (10/1/62). Outlines policies and procedures for State and local agencies applying for and acquiring surplus personal property for public airport purposes.

### Airport Compliance Program

- 150/5190-1 Minimum Standards for Commercial Aeronautical Activities on Public Airports (8/18/66). Gives to owners of public airports information helpful in the development and application of minimum standards for commercial aeronautical activities.
- 150/5190-2 Exclusive Rights at Airports (9/2/66). Provides basic information and guidance on the Federal Aviation Agency's policy concerning exclusive rights at public airports on which Federal funds, administered by the Agency, have been expended.

### Airport Safety-General

- 150/5200-1 Bird Hazards to Aviation (3/1/65). Discusses certain steps that can be taken toward reducing or solving the bird strike problem on and near airports.

- 150/5200-2 **Bird Strike/Incident Report Form (11/27/65)**. Informs military and civil aviation organizations that FAA Form 3830, "Bird Strike/Incident Report Form," is available for use in reporting bird hazards and accidents/incidents to aircraft.
- 150/5200-3 **Bird Hazards to Aircraft (10/7/66)**. Transmits the latest published information concerning the reduction of bird strikes on aircraft.
- 150/5210-1 **Airport Emergency Planning (8/15/63)**. Presents general guidance for airport emergency operation planning.
- 150/5210-2 **Airport Emergency Medical Facilities and Services (9/3/64)**. Provides information and advice so that airports may take specific voluntary pre-planning actions to assure at least minimum first-aid and medical readiness appropriate to the size of the airport in terms of permanent and transient personnel.
- 150/5210-3 **Airport Emergency Operations — Aircraft Emergency (7/17/64)**. Discusses measures that should be taken by airport management to establish and improve aircraft emergency procedures.
- 150/5210-4 **FAA Aircraft Fire and Rescue Training Film, "Blanket for Survival" (10/27/65)**. Provides information on the purpose, content, and availability of the subject training film.
- 150/5210-5 **Painting, Marking, and Lighting of Vehicles Used on an Airport (8/31/66)**. Makes recommendations concerning safety, efficiency, and uniformity in the interest of vehicles used on the aircraft operational area of an airport.
- 150/5210-6 **Aircraft Fire and Rescue Facilities and Extinguishing Agents (9/7/66)**. Furnishes guidance for estimating the facilities necessary to provide adequate aircraft fire and rescue service at civil airports.
- 150/5220-1 **Guide Specification for a Light-Weight Airport Fire and Rescue Truck (7/24/64)**. Describes a vehicle with performance capabilities considered as minimum for an acceptable light rescue truck.
- 150/5220-2 **Guide Specification for 1,800-Gallon Aircraft Fire and Rescue Truck (7/24/64)**. Describes a vehicle possessing the minimum performance capabilities recommended for an acceptable aircraft fire and rescue truck.
- 150/5230-1 **Suggestions for Airport Safety Self-Inspection (3/30/64)**. Summarizes the functional statements, procedures, forms, and schedules on safety self-inspection now in use at many U.S. civil airports.
- 150/5230-2 **Guide Specification for Fire Extinguishing System (Foam) for Heliports (4/14/65)**. Contains guidance material which may be used by airport management in the development of local procurement specifications.
- Civil Airports Emergency Preparedness**
- 150/5240-1 **Airport Disaster Control Guide (8/1/62)**. Acts as a guide to reducing or avoiding problems imposed by enemy nuclear attack.
- 150/5240-2 **Now's the Time to Prepare for Hurricanes (7/22/65)**. Transmits to the civil aviation industry a copy of a report, "Now's the Time to Prepare for Hurricanes," dated August 1956, from *Factory Management and Maintenance*.
- 150/5240-6A **Radiation Safety for Civil Airports (12/27/65)**. Provides information and technical criteria needed to cope with accidents involving nuclear materials. *Published in 1965. (\$.30 GPO)*
- Design, Construction, and Maintenance—General**
- 150/5300-1 **VFR Airports (3/15/63)**. Gives FAA minimum standards for VFR airports to serve small airports operating under visual flight rules. Acceptable for FAAP project activity.
- 150/5300-1 **CH 1 VFR Airports (2/13/64)**. Provides amended information for the basic advisory circular.
- 150/5300-1 **CH 2 VFR Airports (7/15/64)**. Provides additional guidance on FAA policy in regard to application of criteria and incorporates additional aircraft performance curves and dimensional data.
- 150/5300-2 **Airport Design Requirements for Terminal Navigational Aids (3/30/64)**. Provides information regarding location, functions, and citing requirements of air navigation aids on and in the immediate vicinity of airports.
- 150/5300-3 **Adaptation of TSO-N18 Criterion to Clearways and Stopways (10/18/64)**. Sets forth standards recommended by the FAA for guidance of the public for the adaptation of TSO-N18 criterion to clearways and stopways.
- 150/5310-1 **Preparation of Airport Layout Plans (9/9/65)**. Presents guidance material on the preparation of airport layout plans. Acceptable for the eligibility requirements of FAAP.
- 150/5320-5A **Airport Drainage (1/18/66)**. Provides guidance for airport managers, engineers, and the public in the design and maintenance of airport drainage systems. *Published in 1965. (\$.45 GPO)*
- 150/5320-6 **Airport Paving (6/10/64)**. Provides data for the design and construction of pavements at civil airports.
- 150/5320-6 **CH 1 Change 1 to Advisory Circular 150/5320-6, Airport Paving (10/19/66)**. Transmits new material on soil and subgrade classification useful in the design of rigid and flexible airport pavements.
- 150/5325-2A **Airport Surface Areas Gradient Standards (5/12/66)**. Sets forth standards recommended by the Federal Aviation Agency for guidance of the public in establishing the gradient of airport surface areas used for landing, takeoff, and other aircraft ground movement.



- 150/5325-3 **Background Information on the Aircraft Performance Curves for Large Airplanes (1/26/65).** Provides airport designers with information on aircraft performance curves for design which will assist them in an objective interpretation of the data used for runway length determination.
- 150/5325-3 CH 1 **Background Information on the Aircraft Performance Curves for Large Airplanes (5/12/66).** Transmits a revision to the effective runway gradient standards.
- 150/5325-4 **Runway Length Requirements for Airport Design (4/5/65).** Presents aircraft performance curves and sets forth standards for the determination of runway lengths to be provided at airports. The use of these standards is required for project activity under the Federal-aid Airport Program when a specific critical aircraft is considered as the basis for the design of a runway.
- 150/5325-4 CH 1 **Runway Length Requirements for Airport Design (8/5/65).** Provides amended information for the basic advisory circular and includes aircraft performance curves for the BAC 1-11.
- 150/5325-4 CH 2 **Runway Length Requirements for Airport Design (9/21/65).** Transmits aircraft performance curves for the Boeing 707-300C and the Fairchild F-27 and F-27B.
- 150/5325-4 CH 3 **Runway Length Requirements for Airport Design (4/25/66).** Transmits aircraft performance curves for the Douglas DC-8-55, DC-8F-55, and DC-9-10 Series, the Fairchild F-27J, and the Nord 262.
- 150/5325-4 CH 4 **Runway Length Requirements for Airport Design (5/12/66).** Transmits a revision to the effective runway gradient standards.
- 150/5325-4 CH 5 **Runway Length Requirements for Airport Design (7/13/66).** Transmits aircraft performance curves for the Douglas DC-9-10 Series equipped with Pratt & Whitney JT8D-1 Engines.
- 150/5325-5 **Aircraft Data (4/12/65).** Presents a listing of principal dimensions of aircraft in common use in the civil fleet affecting airport design for guidance in airport development.
- 150/5325-6 **Effects of Jet Blast (4/15/65).** Presents the criteria for treatment of jet blast effects which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.
- 150/5330-2 **Runway/Taxiway Widths and Clearances (8/16/65).** Presents the Federal Aviation Agency recommendations for landing strip, runway, and taxiway widths and clearances.
- 150/5330-3 **Wind Effect on Runway Orientation (5/5/66).** Provides guidance for evaluating wind conditions and determining their effect on the orientation of runways.
- 150/5335-1 **Airport Taxiways (1/28/65).** Provides the criteria for airport taxiways which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.
- 150/5335-2 **Airport Aprons (1/27/65).** Provides the criteria for airport aprons which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.
- 150/5340-1A **Marking of Serviceable Runways and Taxiways (6/30/66).** Required for FAAP project activity.
- 150/5340-1A CH 1 **Change 1 to Marking of Serviceable Runways and Taxiways (9/15/66).** Transmits page change to the subject advisory circular.
- 150/5340-2 **Airport Lighting Control (11/4/63).** Describes various schemes for control of airport lighting systems. Acceptable for FAAP project activity.
- 150/5340-3 **Configuration Details of In-Runway Lighting: Touchdown Zone, Runway Centerline, and Taxiway Turnoff Lighting Systems (11/18/63).** Gives configuration details of in-runway lighting systems. Required for FAAP project activity.
- 150/5340-4A **Installation Details for Runway Centerline and Touchdown Zone Lighting Systems (8/4/66).** Describes standards for the design and installation of runway centerline and touchdown zone lighting systems.
- 150/5340-4 CH 1 **Installation Details for In-Runway Lighting (4/23/64).** Provides amended information for the basic advisory circular.
- 150/5340-5 **Segmented Circle Airport Marker System (8/1/63).** Recommends an airport marking system of pilot aids and traffic control devices. Required for FAAP project activity.
- 150/5340-7 **Marking of Deceptive, Closed, and Hazardous Areas on Airports (8/1/63).** Gives FAA recommendations in marking and re-marking deceptive, closed, and hazardous areas on airports. Required for FAAP project activity.
- 150/5340-8 **Airport 51-foot Tubular Beacon Tower (6/11/64).** Provides design and installation details on the subject tower.
- 150/5340-9 **Prefabricated Metal Housing for Electrical Equipment (8/18/64).** Provides design and installation details on the subject metal housing.
- 150/5340-13 **High Intensity Lighting System (3/30/65).** Describes standards for the design, installation, and maintenance of high intensity lighting systems.
- 150/5340-13 CH 1 **High Intensity Lighting System (7/22/65).** Provides corrected curves for estimating loads in high intensity series circuits.
- 150/5340-14 **Economy Approach Lighting Aids (6/30/65).** Describes standards for the design, installation, and maintenance of economy approach lighting aids, i.e., medium intensity approach light system with sequenced flashing lights (MAL/SF) and runway end identifier light system (REILS).

- 150/5340-15 Taxiway Lighting System (11/18/65). Describes standards for the design, installation, and maintenance of a taxiway lighting system. Required for FAAP projects.
- 150/5345-1A Approved Airport Lighting Equipment (8/9/66). Contains lists of approved airport lighting equipment and manufacturers qualified to supply such equipment.
- 150/5345-2 Specification for L-810 Obstruction Light (11/4/63). Required for FAAP project activity.
- 150/5345-3 Specification for L-821 Airport Lighting Panel for Remote Control of Airport Lighting (11/4/63). Required for FAAP project activity.
- 150/5345-4 Specification for L-829 Internally Lighted Airport Taxi Guidance Sign (10/15/63). Required for FAAP project activity.
- 150/5345-5 Specification for L-847 Circuit Selector Switch, 5000 Volt 20 Ampere (9/3/63). Required for FAAP project activity.
- 150/5345-6 Specification for L-809 Airport Light Base and Transformer Housing (9/3/63). Required for FAAP project activity.
- 150/5345-7 Specification for L-824 Underground Electrical Cables for Airport Lighting Circuits (11/4/63). Required for FAAP project activity.
- 150/5345-8 Specification for L-840 Low Intensity Runway, Landing Strip and Taxiway Light (11/4/63). Required for FAAP project activity.
- 150/5345-9A Specification for L-819 Fixed Focus Bidirectional High Intensity Runway Light (4/22/65). Required for FAAP project activity.
- 150/5345-10A Specification for L-828 Constant Current Regulator with Stepless Brightness Control (12/8/65). Required for FAAP project activity.
- 150/5345-10A CH 1 Change I to Specification for L-828 Constant Current Regulator with Stepless Brightness Control (6/7/66). Deletes a detail requirement.
- 150/5345-11 Specification for L-812 Static Indoor Type Constant Current Regulator Assembly, 4KW and 7½KW, with Brightness Control for Remote Operation (3/2/64). Required for FAAP project activity.
- 150/5345-12 Specification for L-801 Beacon for Small Airports (2/3/64). Required for FAAP project activity.
- 150/5345-13 Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits (1/6/64). Required for FAAP project activity.
- 150/5345-14 Specification for L-827 "A" Frame Hinged Support for 12-Foot Wind Cone (2/13/64). Required for FAAP project activity.
- 150/5345-15 Specification for L-842 Airport Centerline Light (1/6/64). Required for FAAP project activity.
- 150/5345-16 Specification for L-843 Airport In-Runway Touchdown Zone Light (1/20/64). Required for FAAP project activity.
- 150/5345-17 Specification for L-845 Semiflush Inset Prismatic Airport Light (3/3/64). Describes the subject specification requirements.
- 150/5345-18 Specification for L-811 Static Indoor Type Constant Current Regulator Assembly, 4KW; with Brightness Control and Runway Selection for Direct Operation (3/3/64). Required for FAAP project activity.
- 150/5345-18 CH 1 Specification for L-811 Static Indoor Type Constant Current Regulator Assembly, 4KW; with Brightness Control and Runway Selection for Direct Operation (5/28/64). Advises that a detail requirement is not applicable to the circular.
- 150/5345-19 Specification for L-838 Semiflush Prismatic Airport Light (5/11/64). Describes the subject specification requirements.
- 150/5345-20 Specification for L-802 Runway & Strip Light (6/24/64). Describes the subject specification requirements.
- 150/5345-20 CH 1 Specification for L-802 Runway and Strip Light (8/31/64). Provides amended information for the basic advisory circular.
- 150/5345-20 CH 2 Specification for L-802 Runway and Strip Light (1/14/66). Provides new dimensions for the thickness of the metal stake and an organizational change.
- 150/5345-21 Specification for L-813 Static Indoor Type Constant Current Regulator Assembly; 4KW and 7½KW; for Remote Operation of Taxiway Lights (7/28/64). Describes the subject specification requirements.
- 150/5345-22 Specification for L-834 Individual Lamp Series-to-Series Type Insulating Transformer for 5000 Volt Series Circuit (10/8/64). Describes the subject specification requirements.
- 150/5345-23 Specification for L-822 Taxiway Edge Light (10/13/64). Describes the subject specification requirements.
- 150/5345-23 CH 1 Specification for L-822 Taxiway Edge Light (1/14/66). Provides new dimensions for the thickness of the metal stake and an organizational change.
- 150/5345-24 Specification for L-849 Condenser Discharge Type Flashing Light (6/30/65). Describes the subject specification requirements for a condenser discharge type flashing light.
- 150/5345-24 CH 1 Change I to Specification for L-849 Condenser Discharge Type Flashing Light (6/14/66). Deletes a detail requirement.
- 150/5345-25 Specification for L-848 Medium Intensity Approach Light Bar Assembly (6/30/65). Describes the subject specification requirements for a medium intensity approach light bar assembly.

- 150/5345-26 **Specification for L-823 Plug and Receptacle, Cable Connectors (10/5/64).** Describes the subject specification requirements.
- 150/5345-27 **Specification for L-807 Eight-Foot Illuminated Wind Cone (2/10/65).** Describes the subject specification requirements for an illuminated wind cone for the guidance of the public. Required for FAAP project activity.
- 150/5345-30 **Specification for L-846 Electrical Wire for Lighting Circuits to be Installed in Airport Pavements (7/5/63).** Required for FAAP project activity.
- 150/5345-31 **Specification for L-833 Individual Lamp Series-to-Series Type Insulating Transformer for 600 Volt or 3,000 Volt Series Circuits (12/3/64).** Describes the subject specification requirements.
- 150/5345-32 **Specification for L-837 Large-Size Light Base and Transformer Housing (1/13/65).** Describes the subject specification requirements.
- 150/5345-33 **Specification for L-844 Individual Lamp Series-to-Series Type Insulating Transformer for 5000 Volt Series Circuit 20/6.6 Amperes 200 Watt (1/13/65).** Describes the subject specification requirements.
- 150/5345-34 **Specification for L-839 Individual Lamp Series-to-Series Type Insulating Transformer for 5000 Volt Series Circuit 6.6/20 Amperes 300 Watt (1/13/65).** Describes the subject specification requirements.
- 150/5345-35 **Specification for L-816 Circuit Selector Cabinet Assembly for 600 Volt Series Circuits (1/28/65).** Describes the subject specification requirements.
- 150/5345-36 **Specification for L-808 Lighted Wind Tee (2/3/65).** Describes the subject specification requirements.
- 150/5345-37A **FAA Specification L-850, Light Assembly, Airport Runway, Centerline (4/29/66).** Transmits the subject specification for the guidance of the public. The use of this specification is required for project activity under the Federal-aid Airport Program.
- 150/5360-1 **Airport Service Equipment Buildings (4/6/64).** Provides guidance on design of buildings for housing equipment used in maintaining and repairing operational areas.
- 150/5360-2 **Airport Cargo Facilities (4/6/64).** Provides guidance material on air cargo facilities.
- 150/5360-3 **Federal Inspection Service Facilities at International Airports (4/1/66).** Describes and illustrates recommended facilities for inspection of passengers, baggage, and cargo entering the United States through international airport terminals. The material is for the guidance of architect-engineers and others interested in the planning and design of these airport facilities.
- 150/5370-1 **Standard Specifications for Construction of Airports (6/1/59).** Contains specification items for construction of airports and other related information. Acceptable for FAAP project activity. *Published in 1959.* (\$2.75 GPO)
- 150/5370-1 **CH 1 Standard Specifications for Construction of Airports (3/5/65).** (This is Supplement No. 2 to the June 1959 Edition.) Provides amended information for the basic advisory circular. *Published in 1964.* (\$.35 GPO)
- 150/5370-1 **CH 2 Standard Specifications for Construction of Airports (12/28/65).** Provides for a substitution of one type of membrane curing compound for another.
- 150/5370-2 **Safety on Airports During Construction Activity (4/22/64).** Provides guidelines concerning safety at airports during periods of construction activity.
- 150/5370-3 **Materials and Tests Required by AC 150/5370-1, Standard Specifications for Construction of Airports (12/22/65).** Transmits seven attachments listing the specifications for various materials and methods of testing established by the American Association of State Highway Officials, American Society for Testing and Materials, or the Federal Government.
- 150/5380-1 **Airport Maintenance (4/14/63).** Provides a basic checklist and suggestions for an effective airport maintenance program.
- 150/5380-2A **Snow Removal Techniques Where In-Pavement Lighting Systems are Installed (12/24/64).** Provides information on damage to in-pavement lighting fixtures by snow removal equipment and recommends procedures to avoid such damage.
- 150/5390-1 **Heliport Design Guide (11/3/64).** Contains design guidance material for the development of heliports, both surface and elevated, to serve single- and multi-engine helicopters operating under visual flight rules.

#### AIR NAVIGATIONAL FACILITIES

##### Subject No. 170

170-1 **Operation and Use of Approved Lights (ALS) and Sequenced Flashing Lights (SFL) Systems (1/14/63).** Advises airspace users of the operation and use of the ALS and SFL systems.

170-2 **Implementation of ILS Channels 11 Through 20 (10/16/63).** Advertises that ILS Channels 11 through 20 are now being used in the U.S. and encourages owners to equip their aircraft with 20-channel capability.

170-3B **Distance Measuring Equipment (DME) (11/8/65).** Presents information on DME and some of its uses to pilots unfamiliar with this navigational aid.

**170-4 Emergency Signaling Device for Aircraft in Distress (1/9/64).** Informs of the use of crash locator beacon systems and their potential as an emergency signaling device.

**170-5 Loss of VHF Navigational Signal During Transmission (6/18/64).** Discusses a feature of VHF which results in a loss of receiver capability while the transmitter is being used.

**170-6A Use of Radionavigation Test Generators (3/30/66).** Gives information received from the Federal Communications Commission as to the frequencies on which the FCC will license test generators (used to radiate a radionavigation signal) within the scope of its regulations and gives additional information to assist the user when checking aircraft navigation receivers.

**170-7 Decommissioning of ILS Middle Compass Locators (10/29/65).** Disseminates information regarding the Agency program for decommissioning of compass locators associated with ILS middle markers.

**171-1 Estimating Packing and Shipping Costs for Export Shipments for ATC and Navaid Equipments (2/18/66).** Assists personnel engaged in preparing packing and shipping estimates of air navigation and traffic control equipments for overseas shipment.

#### ADMINISTRATIVE

Subject No. 180

**183.29-1B Designated Engineering Representatives (4/20/66).** Lists the subject representatives who are available for consulting work.

#### FLIGHT INFORMATION

Subject No. 210

**210-1 National Notice To Airmen System (2/8/64).** Announces FAA policy for the preparation and issuance of essential flight information to pilots and other aviation interests.

**211-1 Content Criteria for Airman's Information Manual (3/15/66).** Announces the Federal Aviation Agency policy for inclusion of aeronautical data in the Airman's Information Manual (AIM).

#### INTERNAL DIRECTIVES

**Contractions Handbook, 7346.1 (\$60 GPO).** Gives approved word and phrase contractions used by personnel connected with air traffic control, communications, weather, charting and associated services. *Published in 1965.* Previous edition, AT P 7340.1A dated 3/15/63 is cancelled. (\$60 GPO)

**Location Identifiers, 7350.1D (9/15/66).** Incorporates all authorized 3-letter location identifiers for special use in United States, worldwide, and Canadian assignments. *Published in 1966.* Previous edition, 7350.1C dated June 1, 1966 is cancelled. (\$3.00 GPO)

**Aeronautical Communications and Pilot Services, 7300.7 (3/3/66).** Prescribes uniform instructions and practices, with accompanying phraseologies and examples, to be used by personnel of all facilities of the Federal Aviation Agency who provide aeronautical and flight assistance services. *Published in 1965.* Supersedes Communications Procedures, AT P 7300.1A dated 7/1/64. (\$3.25 GPO).

**ATC Procedures, AT P 7110.1B (11/12/64).** Prescribes procedures and accompanying phraseology to be used by personnel of all facilities providing air traffic control service. *Published in 1964.* (\$4.00 GPO)