

# ADVISORY CIRCULARS

## AIRPORTS - SUBJECT NO. 150

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### AIRPORT PLANNING

[150/5000-3T](#) Address List for Regional Airports Divisions and Airports District/Field Offices (9/12/97). ([ARP-3](#)). Transmits the address list for all regional Airports Divisions and Airports District/Field Offices.

[150/5000-4B](#) Announcement of Availability-- Airport Research and Technical Reports (2-11-85). ([AAS-100](#)). Alerts the public to the availability of published research and technical reports sponsored by the Federal Aviation Administration (FAA) on a variety of airport related subjects.

[150/5000-5C](#) Designated U.S. International Airports (12-4-96). ([AAS-3](#)). Explains the different categories of U.S. airports designated to serve international air traffic and provides a listing of these airports.

[150/5000-7](#) Announcement of Availability Report No. DOT/FAA/PP/87-1 Measuring the Regional Economic Significance of Airports (5-12-87). ([APP-400](#)). Announces the availability of the report "Measuring the Regional Economic Significance of Airports."

150/5000-9A Announcement of Availability Report No. DOT/FAA/PP/92-5, Guidelines for the Sound Insulation of Residences Exposed to Aircraft Operations (7-3-93). (APP-510). Announces the availability of subject report.

150/5000-10A Announcement of Availability Report No. DOT/FAA/PP/-92-6, Estimating the Regional Economic Significance of Airports (7-3-93). (APP-400). Announces the availability of subject report.

150/5000-11 Announcement of Availability All Cargo Carrier Activity Report (FAA Form 5100-108, Revised). (3-34-93). (APP-400). Provides guidance for the submission of FAA Form 5100-108 (revised as of March 1993).

150/5000-12 Announcement of Availability-- Passenger Facility Charge (PFC) Application Form 5500-1) (7-15-94) (APP-530) Provides guidance for the submission of the PFC application.

150/5000-13 Announcement of Availability: RTCA Inc., Document RTCA-221 (9-7-94) (AAS-200) Announces the availability of RTCA, Inc., Document RTCA/DO-221, Guidance and Recommended Requirements for Airport Surface Movement Sensors.

150/5020-1 Noise Control and Compatibility Planning for Airports (8-5-83). (APP-600). Provides general guidance for noise control and compatibility planning for airports. Provides specific guidance for preparation of airport noise exposure maps and airport noise compatibility programs by airport operators for submission under FAR Part 150 and the Aviation Safety and Noise Abatement Act of 1979. Contains an expanded Table of Land Uses Normally Compatible with Various Levels of Noise.

150/5050-3B Planning the State Aviation System (1-6-89). (APP-400). Provides general guidance in preparing a State airport system plan. (\$3.75 Supt. Docs.) SN 050-007-00813-9.

150/5050-4 Citizen Participation in Airport Planning (9-26-75). (APP-600). Provides guidance for citizen involvement in airport planning. Although not mandatory for airport grant programs, it demonstrates the need for early citizen participation.

150/5050-5 The Continuous Airport System Planning Process (11-28-75). (APP-400). The purpose of this advisory circular is to provide guidance on the Continuous Airport System Planning Process (CASPP). This process is utilized in establishing a planning capability to monitor and assess the effects of changes in the many variables and issues influencing a plan with the objective of maintaining a plan responsive to current and forecast conditions. In addition to describing the components of a CASPP, sponsor organizational structures and Federal financial participation in continuous planning activities are discussed.

150/5050-7 Establishment of Airport Action Groups (6-23-87). (AAS-300). Provides guidance on the establishment of airport action groups.

150/5060-5 Airport Capacity And Delay (9-23-83). (AAS-100). (Consolidated reprint includes change 1). Explains how to compute airport capacity and aircraft delay for airport planning and design.

150/5070-3 Planning the Airport Industrial Park (9-30-65). (APP-400). Provides guidance to communities, airport boards, and industrial developers for the planning and development of Airport Industrial Parks.

150/5070-5 Planning the Metropolitan Airport System (5-22-70). (APP-400). Gives guidance in developing airport-system plans for large metropolitan areas. It may be used by metropolitan planning agencies and their consultants in preparing such system plans and by the FAA in reviewing same. (\$5.50 Supt. Docs.) SN 050-008-00003-7.

150/5070-6A Airport Master Plans (6-85). (APP- 400). Provides guidance for the preparation of airport master plans, pursuant to the provisions of the Airport and Airway Improvement Act of 1982. (\$4.75 Supt. Docs.) SN 050-007-00703-5.

#### FEDERAL-AID AIRPORT PROGRAMS

150/5100-6D Labor Requirements for the Airport Improvement Program (AIP) (10- 15-86). (APP-510). Encompasses the basic labor and associated requirements for the Airport Improvement Program (ADAP). It is intended for sponsors using program assistance and for contractors and subcontractors working on projects under the program.

150/5100-10A Accounting Records Guide for Airport Aid Program Sponsors (4-13- 76). (APP-500). This advisory circular sets forth record keeping requirements imposed on sponsor of Airport Development Aid Program (ADAP) and the Planning Grant Program (PGP) projects by the Airport and Airway Development Act of 1970, as amended. In addition, the Federal Aviation Regulations (FAR's) require a sponsor to establish and maintain a financial management system that meets the standards set forth in FAR 152, Appendix K. This circular provides detailed explanations of these requirements.

150/5100-13 Development of State Standards for General Aviation Airports (3-1-77). (AAS-200). Provides guidelines and programming procedures for the development of state standards for general aviation airports as provided for in the Airport and Airway Development Act Amendments of 1976.

150/5100-13A Development of State Standards for Non-Primary Airports (9-28-99). (AAS-200). This advisory circular provides guidelines for the development of state standards for nonprimary public-use airports as provided for in Title 49 United States Code, Section 47105(c).

150/5100-14C Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects (2-16-94). (AAS- 200). Provides guidance for airport sponsors in the selection and employment of architectural, engineering, and planning consultants under Federal Aviation Administration airport grant programs.

150/5100-15A Civil Rights Requirements For The Airport Improvement Program (AIP) (3-31-89). (APP-510). Encompasses the basic civil rights requirements for the Airport Improvement Program (AIP). It is intended for sponsors using program assistance and for contractors and subcontractors working on projects under the program.

150/5100-16A Airport Improvement Program Grant Assurance Number One--General Federal Requirements, (10-4-88). (APP-510). Describes the Federal requirements contained in Assurance 1 of the Grant Assurances required by the Airport and Airway Improvement Act of 1982, as amended. It is intended for sponsors receiving assistance under the Airport Improvement.

150/5100-17 Land Acquisition and Relocation Assistance for Airport Improvement Program Assisted Projects (3-29-96). (APP-600). Provides guidance to sponsors of airport projects developed under the Airport Improvement Program (AIP) to meet the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (PI 91-646, as amended) and the Regulations of the Office of the Secretary of Transportation, 49 CFR Part 24.

150/5100-18 Guide for Audit Certification by Airport Sponsors (8-31-98). (AAS-400). Provides airport sponsors with guidance for complying with the audit certification requirement of 49 U.S.C §47107(m) and discusses FAA's responsibilities for the certification program.

150/5100-19 Guide for Airport Financial Reports Filed by Airport Sponsors. (AAS-400). Provides airport sponsors with guidance for complying with the airport financial reporting requirements.

## SURPLUS AIRPORT PROPERTY CONVEYANCE PROGRAMS

150/5150-2B Federal Surplus Personal Property for Public Airport Purposes (10-1-84). (APP-510). Attempts to Acquaint public airport owners and other interested parties with the Federal Surplus Personal Property Program for public airports and to outline procedures to be used in applying for and acquiring surplus personal property for this purpose.

## AIRPORT COMPLIANCE PROGRAM

150/5190-1A Minimum Standards for Commercial Aeronautical Activities on Public Airports (12-16-85). (AAS-310). Provides basic information and broad guidance material to assist the owners of public airports in developing and applying minimum standards for commercial aeronautical activities on public airports.

150/5190-2A Exclusive Rights at Airports (4-4-72). (Consolidated reprint incorporates change 1). (AAS-300). Makes available to public airport owners, and to other interested persons, basic information and guidance on FAA's policy regarding exclusive rights at public airports on which Federal funds, administered by FAA, have been expended.

150/5190-4A A Model Zoning Ordinance to Limit Height of Objects Around Airports (12-14-87). (AAS-100). (Editorially updated). Provides a model zoning ordinance to be used as a guide to control the height of objects around airports.

#### AIRPORT SAFETY--GENERAL

150/5200-12B Fire Department Responsibility in Protecting Evidence at the Scene of an Aircraft Accident (9-3-99). (AAS- 100). Furnishes general guidance for airport, employees, airport management and other personnel responsible for firefighting and rescue operations, at the scene of an aircraft accident, on the proper presentation of evidence.

150/5200-18B Airport Safety Self-Inspection (5-2-88). (AAS-310). Provides information to airport operators on airport self-inspection programs and identifies items that should be included in such a program.

150/5200-18B Autoinspeccion De Seguridad Para Los Aeropuertos (5-2-88). (AAS-310). (Spanish Version).

150/5200-28B Notices to Airmen (NOTAMS) for Airport Operators (6-20-96). (AAS-310). Provides guidance for use of the NOTAM system in airport condition reporting.

150/5200-29 Announcement of Availability: Airport Self Inspection Videotape (11-6-87). (AAS-310). Announces the availability of Airport Self Inspection Videotape and tells how it can be obtained.

150/5200-30A Airport Winter Safety and Operations (10-1-91) (Incorporates Changes 1 & 2). (AAS-100). Provides guidance to assist airport owners/operators in the development of an acceptable airport snow and ice control program and to provide guidance on appropriate field condition reporting procedures.

150/5200-30A, Chg. 1 (11-22-91). (AAS-100).

150/5200-30A, Chg. 2 (3-27-95) Chapters 2 and 3 have been revised to incorporate additional guidance in conducting runway-friction surveys under winter operational conditions, and to provide a generic specification for fluid- based runway deicers/anti-icers that may be used on aircraft operational areas.

AC150/5200-30A, Chg. 3 (11-30-98). (AAS-100). Provides guidance to assist airport operators in applying sand to runways under winter operational conditions, the use of runway and taxiway edge light markers, and in reporting runway friction measurements taken under winter operational conditions.

AC 150/5200-30A, Change 4 (11-15-99). (AAS-100). Airport Winter Safety and Operations. This Change modifies guidance provided in reporting runway friction values measured under winter operational conditions.

150/5200-31A Airport Emergency Plan (9-30-99). (AAS-310). Provides guidance for the preparation and implementation of emergency plans at civil airports.

150/5200-33 Hazardous Wildlife Attractants on or Near Airports (5-1-97). (AAS-310). Provides guidance on locating certain land uses having the potential to attract hazardous wildlife to or in the vicinity of public-use airports.

150/5200-32 Announcement of Availability: Bird Strike Incident/Ingestion Report (2-14-90). (AAS-310). Explains the nature of the revision of FAA Form 5200-7, Bird Strike Incident/Ingestion Report and how it can be obtained.

150/5210-2A Airport Emergency Medical Facilities and Services (11-27-84). (AAS-300). Provides information and advice so that airports may take specific voluntary preplanning 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.

150/5210-5B Painting, Marking, and lighting of Vehicles Used on an Airport (7-11-86). (AAS-120). Provides guidance, specifications, and standards, in the interest of airport personnel safety and operational efficiency, for painting, marking, and lighting of vehicles operating in the airport air operations areas.

150/5210-6C Aircraft Fire and Rescue Facilities and Extinguishing Agents (1-28-85). (AAS-100). Outlines scales of protection considered as the recommended level compared with the minimum level in Federal Aviation Regulation Part 139.49 and tells how these levels were established from test and experience data.

150/5210-7C Aircraft Rescue and Firefighting Communications (7-1-99). (AAS-300). Provides guidance for planning and implementing the airport Aircraft Rescue and Firefighting (ARFF) Communications systems.

150/5210-13A Water Rescue Plans, Facilities, and Equipment (5-31-91). (AAS-120). Provides guidance to assist airport operators in preparing for water rescue operations.

150/5210-14A Airport Fire and Rescue Personnel Protective Clothing (7-13-95). (AAS-100). Developed to assist airport management in the development of local procurement specifications for an acceptable, cost-effective proximity suit for use in aircraft rescue and firefighting operations.

150/5210-15 Airport Rescue and Firefighting Station Building Design (7-30-87). (AAS-100). Provides standards and guidance for planning, designing, and constructing and airport rescue and firefighting station.

150/5210-17 Programs for Training of Aircraft Rescue and Firefighting Personnel (3-9-94) (AAS-100) Provides information on courses and reference materials for training of aircraft and firefighting (ARFF) personnel.

150/5210-17 Chg. 1 (4-6-95) Changed to reflect a new source for the FAA Standard Basic Aircraft Rescue and Firefighting Curriculum, and to update other sources of training programs.

150/5210-18 Systems for Interactive Training of Airport Personnel (4-13-94). (AAS-100). Provides guidance in the design of systems for interactive training of airport personnel.

150/5210-19 Driver's Enhanced Vision System (DEVS) (12-23-96). (AAS-100). Contains performance standards, specifications, and recommendations for DEVS.

150/5210-20 Announcement of Availability - National Fire Protection Association (NFPA) Aircraft Familiarization Charts Manual (3-6-98). (AAS-100). This AC announces the availability of the NFPA Aircraft Familiarization Charts Manual.

150/5220-4B Water Supply Systems for Aircraft Fire and Rescue Protection (7-29-92). (AAS-120). Provides guidance for the selection of a water source and standards for the design of a distribution system to support aircraft rescue and firefighting (ARFF) service operations on airports.

150/5220-9 Aircraft Arresting System for Joint Civil/Military Airports (4-6-70). (AAS-300). Updates existing policy and describes and illustrates the various types of military aircraft emergency arresting systems that are now installed at various joint civil/military airports. It also informs users of criteria concerning installations of such systems at joint civil/military airports.

150/5220-10B Guide Specification for Water/Foam Aircraft Rescue and Firefighting Vehicles (10-20-97). (AAS-120). Contains performance standards, specifications, and recommendations for the design, construction, and testing of a family of aircraft rescue and firefighting (ARFF) vehicles.

150/5220-13B Runway Surface Condition Sensor Specification Guide (3-27-91). (AAS-100). Provides guidance to assist airport operators, consultants, and design engineers in the preparation of procurement specifications for sensor systems which monitor and report runway surface conditions.

150/5220-16A Automated Weather Observing Systems (AWOS) for Non-Federal Applications, (6-12-90). (ANW-140). Contains the FAA standard for non-Federal Automated Weather Observing Systems.

150/5220-17A Design Standards for an Aircraft Rescue and Firefighting Training Facility (1-31-92). (AAS-100). Contains standards, specifications, and recommendations for the design of an aircraft rescue and firefighting training facility utilizing either propane or a flammable liquid hydrocarbon (FLH) as the fuel.

150/5220-17A Chg. 1 (11-24-98). Change 1 to Design Standards for an Aircraft Rescue and Firefighting (ARFF) Training Facility.

150/5220-18 Buildings For Storage and Maintenance of Airport Snow and Ice Control Equipment and Materials (10-15-92). (AAS- 100). Provides guidance for site selection, design and construction of buildings used to store and maintain airport snow and ice control equipment and materials.

150/5220-19 Guide Specification for Small Agent Aircraft Rescue and Fire Fighting Vehicles (12-7-93). (AAS-120). Contains performance standards, specifications, and recommendations for the design, construction, and testing of a family of small, dual agent aircraft rescue and fire fighting (ARFF) vehicles.

150/5220-20 Airport Snow and Ice Control Equipment (6-30-92). (AAS-120). Provides guidance to assist airport operators in the procurement of snow and ice control equipment for airport use.

150/5220-20 Chg. 1 (3-1-94). This change provides guidance to airport operators involved in the procurement of snow sweepers to control ice and snow at airports during inclement weather.

150/5220-21B Guide Specification for Devices Used to Board Airline Passengers with Mobility Impairments (3-17-00). (AAS- 100). Contains performance standards, specifications, and recommendations for the design, construction, and testing of devices used to assist in the boarding of airline passengers with mobility Impairments.

150/5220-22 Engineered Materials Arresting Systems (EMAS) for Aircraft Overruns. (8-21-98). (AAS- 100). Contains standards for the planning, design, and installation of EMAS in runway safety areas.

150/5230-4 Aircraft Fuel Storage, Handling, and Dispensing On Airports (8-27-82). (AAS-300). (Consolidated reprint includes changes 1 and 2). Provides information on aviation fuel deliveries to airport storage and the handling, cleaning, and dispensing of fuel into aircraft.

## DESIGN CONSTRUCTION, AND MAINTENANCE--GENERAL

150/5300-7B FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes (11-8-72). (ABU-10). Reaffirms the aviation community of the FAA policy governing responsibility for funding relocation, replacement and modification to air traffic control and air navigation facilities that are made necessary by improvements or changes to the airport.

150/5300-9A Predesign, Prebid, and Preconstruction Conferences for Airport Grant Projects (5-1-85). (AAS-200). Provides guidance for conducting predesign, prebid, and preconstruction conferences for projects funded under the FAA airport grant program.



150/5300-13 Airport Design (9-29-89). (AAS- 110). (Consolidated reprint includes changes 1 thru 5.) Contains the FAA's standards and recommendations for airport design. (\$20.00 Supt. Docs.) SN 050-007-01046-0. This AC is very large and therefore is broken into the following sections for downloading: [1] [2]

150/5300-13 Chg. 5 (2-14-97) Provides guidance to assist airport sponsors in their evaluation and preparation of the airport landing surface to support instrument approach procedures and incorporates change 4 criteria into the airport layout plan preparation guidance.

150/5300-14 Design of Aircraft Deicing Facilities (8-23-93). (AAS-100). Provides standards, specifications, and guidance for designing aircraft deicing facilities.

150/5300-14, Chg. 1 (8-13-99). Design of Aircraft Deicing Facilities, Change 1. This change updates the definitions of aircraft deicing facilities and holdover times of fluids, design criteria for aircraft de/anti-icing fluid storage and transfer systems, information concerning recycling of glycols, and references.

150/5300-15 Use of Value Engineering for Engineering and Design of Airport Grant Projects (9-9-93). (AAS-200). Provides guidance for the use of value engineering (VE) in airport projects funded under the Airport Grant Program.

150/5320-5B Airport Drainage (7-1-70).(AAS- 200). Provides guidance for engineers, airport managers, and the public in the design and maintenance of airport drainage systems. This document is broken into five parts for easier downloading. [1] [2] [3] [4] [5]. (\$5.50 Supt. Docs.) SN 050-007-00149-5.

150/5320-6D Airport Pavement Design and Evaluation (1-30-96). (AAS-200). Provides guidance to the public for the design and evaluation of pavements at civil airports. This AC is very large and therefore is broken into the following sections for downloading: [1] [2] [3] [4] [5]

150/5320-12C Measurement, Construction, and Maintenance of Skid Resistant Airport Pavement Surfaces (3-18-97). (AAS- 100). Contains guidelines and procedures for the design and construction of skid- resistant pavement; pavement evaluation, without or with friction equipment; and maintenance of high skid-resistant pavements.

150/5320-14 Airport Landscaping for Noise Control Purposes (1-31-78). (APP- 400). Provides guidance to airport planners and operators in the use of tree and vegetation screens in and around airports.

150/5320-15 Management of Airport Industrial Waste (2-11-91). (AAS-100). Provides basic information on the characteristics, management, and regulations of industrial wastes generated at airports.

150/5320-15, Chg. 1 (4-22-97) This change provides guidance on best management practices to eliminate, prevent, or reduce pollutants in storm water runoff associated with airport industrial activities.

150/5320-16 Airport Pavement Design for the Boeing 777 Airplane Provides thickness design standards for pavements intended to serve the Boeing 777 airplane. Download Pavement Design Computer Program.

150/5325-4A Runway Length Requirements for Airport Design (1-29-90). (AAS- 110). (Consolidated reprint includes Change 1 dated 3-11-91). Provides design standards and guidelines for determining recommended runway lengths. This AC is very large and therefore is broken into the following sections for downloading: [1] [2] [3] [4] [5] [6] [7]

150/5335-5 Standardized Method of Reporting Airport Pavement Strength PCN (6- 15- 83). (AAS-200). Provides guidance for using the standardized International Civil Aviation Organization (ICAO) method to report airport pavement strength. The standardized method is known as the ACN/PCN method. This AC is very large and therefore is broken into the following sections for downloading: [1] [2]

150/5335-5, Chg. 1 (3-6-87).

150/5340-1H Standards for Airport Markings (8-31-99). (AAS-300). Describes the standards for markings used on airport runways, taxiways, and aprons. NOTE: This AC has three attachments: [Figures 1-10], [Figures 11-20], and [Appendix 1(Figures 1-5)].

150/5340-4C Installation Details for Runway Centerline Touchdown Zone Lighting Systems (5-6-75). (AAS-200). (Consolidated reprint includes Changes 1 and 2). Describes standards for the design and installation of runway centerline and touchdown zone lighting systems.

150/5340-5B Segmented Circle Airport Marker System (12-21-84). (AAS-200). (Consolidated reprint includes change 1). Sets forth standards for a system of airport marking consisting of certain pilot aids and traffic control devices.

150/5340-14B Economy Approach Lighting Aids (6-19-70). (AAS-200). (Consolidated reprint includes Changes 1 and 2). Describes standards for the design selection, siting, and maintenance of economy approach lighting aids.

150/5340-14B (Change 3) This updates AC 150/5340-14B.

150/5340-17B Standby Power for Non-FAA Airport Lighting Systems (1-6-86). (AAS-200). Describes standards for the design, installation, and maintenance of standby power for non-agency owned airport visual aids associated with the National Airspace System (NAS) and the national system of airports.

150/5340-18C Standards for Airport Sign Systems (7-31-91). (AAS-4). Contains the Federal Aviation Administration standards for the siting and installation of signs on airport runways and taxiways.

150/5340-18C, Chg. 1 (11-13-91).

150/5340-19 Taxiway Centerline Lighting System (11-14-68) is cancelled as of 9-1-98. Refer to 150/5340-28.

150/5340-21 Airport Miscellaneous Lighting visual Aids (3-25-71). (AAS-200). Describes standards for the system design, installation, inspection, testing, and maintenance of airport miscellaneous visual aids; i.e., airport beacons, beacon towers, wind cones, wind tees, and obstruction lights.

150/5340-23B Supplemental Wind Cones (5-11-90). (AAS-200). Describes criteria for the location and performance of supplemental wind cones.

150/5340-24 Runway and Taxiway Edge Lighting System (9-3-75). (AAS-200). (Consolidated reprint includes change 1). Describes standards for the design, installation, and maintenance of runway and taxiway edge lighting.

150/5340-26 Maintenance of Airport Visual Aid Facilities (8-26-82). (Spanish Language Version Available). (AAS- 200). Provides recommended guidelines for maintenance of airport visual aid facilities.

150/5340-27A Air-to-Ground Radio Control of Airport Lighting Systems (3-4-86). (AAS-200). Contains the FAA standard operating configurations for air-to-ground radio control of airport lighting systems.

150/5340-28 [Appendix 2 (figures 1-15)] [Appendix 2 (figures 16-30)] Low Visibility Taxiway Lighting Systems (9-1-98). (AAS-200). Describes the standards for design, installation, and maintenance of low visibility taxiway lighting systems, including taxiway centerline lights, stop bars, runway guard lights, and clearance bars. *NOTE: This AC is provided in 3 files due to the size of the files. Figures 1, 5, & 12 are intended as 11"x17" fold-outs. For best results, print these drawings on legal size paper and use copier to enlarge to 11"x17" (121%).*

150/5340-29 [Appendix 2- Figures] Installation Details for Land and Hold Short Lighting Systems (12-30-99). (AAS-200). Describes standards for the design, installation, and maintenance of land and hold short lighting systems.

150/5345-1V Approved Airport Equipment (6-6-97). (AAS-200). AC 150/5345-1U is canceled. Any reference to AC 150/5345-1...shall be replaced with AC 150/5345-53.

150/5345-3E Specification for L-821 Panels for Control of Airport Lighting (9-1-98). (AAS-200). Provides the specified manufacturing requirements for panels used for remote control of airport lighting and auxiliary systems.

150/5345-5A Circuit Selector Switch (3-23-82). (AAS-200). This advisory circular contains a specification for a circuit selector switch for use in airport lighting circuits.

150/5345-7D Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits (5-19-81). (AAS- 200). (Consolidated reprint includes change 1). Describes the specification requirements for L-824 electrical cables.

150/5345-10E Specification for Constant Current Regulators Regulator Monitors (10-16-84). (AAS-200). Contains a specification for constant current regulators used on airport lighting circuits, and for a monitor that reports on the status of the regulator. Click [here](#) for the Airport Technical Advisory on Electromagnetic Interference (EMI).

150/5345-12C Specification for Airport and Heliport Beacon (1-9-84). (AAS- 200). Contains equipment specifications for light beacons which are used to locate and identify civil airports, seaplane bases, and heliports.

150/5345-13A Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits (8-8-86). (AAS-200). Contains the specification requirements for a relay cabinet used to control airfield lighting circuits. The L-841 consists of an enclosure containing a DC power supply, control circuit protection and 20 pilot relays.

150/5345-26C FAA Specification for L-823 Plug and Receptacle, Cable Connectors (4-17-00). (AAS-200). Describes the subject specification requirements.

150/5345-27C Specification for Wind Cone Assemblies (7-19-85). (AAS-200). This advisory circular contains a specification for wind cone assemblies to be used to provide wind information to pilots of aircraft.

150/5345-28D Precision Approach Path Indicator (PAPI) Systems (5-23-85). Reprint incorporates Change 1. (AAS-200). Contains the Federal Aviation Administration (FAA) standards for Precision Approach Path Indicator (PAPI) systems which provide pilots with visual glideslope guidance during approach for landing.

150/5345-28D, Chg. 1 (11-1-91). (AAS-250).

150/5345-39B FAA Specification L-853, Runway and Taxiway Centerline Retroreflective Markers (12-9-80). (AAS-200). (Consolidated reprint includes changes 1 ). Describes specification requirements for L-853 Runway and Taxiway Retroreflective markers, for the guidance of the public.

150/5345-42C Specification for Airport Light Bases, Transformer Houses, Junction Boxes and Accessories (6-8-89). (AAS-200). Contains specification for containers designed to serve as airport light bases, transformer housings, junction boxes and related accessories (Incorporates Change 1).

150/5345-42C, Chg. 1 (10-29-91). (AAS-200). Corrects, clarifies, and revises portions of the specification and corrects drafting errors.

150/5345-43E Specification for Obstruction Lighting Equipment (10-19-95). (AAS-200). Contains the FAA specification for obstruction lighting equipment.

150/5345-44F Specification for Taxiway and Runway Signs (1-5-94). (Consolidated reprint incorporates change 1). (AAS-200). Contains a specification for lighted and unlighted signs to be used on taxiways and runways.

150/5345-44F, Chg. 1 (8-23-94) Adds a requirement to the qualification tests and deletes the prohibition on unlighted swinging signs

150/5345-45A Lightweight Approach Light Structure (12-9-87). (AAS-200). Presents the specifications for lightweight structures for supporting lights as used in visual navigational aid systems.

150/5345-46B Specification for Runway and Taxiway Light Fixtures (9-1-98). (AAS-200). Contains FAA specifications for light fixtures to be used on airport runways and taxiways.

150/5345-47A Isolation Transformers for Airport Lighting Systems (12-9-87). (AAS-200). Contains the specifications requirements for series-to-series isolation transformers for use in airport lighting systems.

150/5345-49A Specification L-854, Radio Control Equipment (8-8-86). (AAS-200). Contains the specification for radio control equipment to be used for controlling airport lighting facilities.

150/5345-50 Specification for Portable Runway Lights (10-16-78). (AAS-200). (Consolidated reprint includes change 1). Creates a standard and specification for a battery operated light unit to be used to outline a runway area temporarily.

150/5345-51 Specification for Discharge-Type Flasher Equipment (8-14-81). (AAS-200). (Consolidated reprint includes change 1). Contains the specifications for discharge-type flashing light equipment to be used for runway end identifier lights (REIL) and for an omnidirectional approach lightning system (ODALS).

150/5345-52 Generic Visual Glideslope Indicators (CVGI) (6-21-88). (AAS-200). Contains the FAA standards for generic visual glideslope indicators systems. GVGI

systems provide pilots with visual glideslope guidance during approaches for landing at general aviation airports.

150/5345-53B Airport Lighting Equipment Certification Program (10-23-98) (AAS- 200) Describes the Airport Lighting Equipment Certification Program (ALECP). Additional information is available in Airport Electromagnetic Interference Technical Advisory (1-5-98).

150/5345-53B Addendum (04-15-00) (AAS-200) Airport Lighting Equipment Certification Program. Addendums to Appendices 3 & 4 of AC 150/5345-53B.

150/5345-54 (04-29-99) Specification for L-884 Power and Control Unit for Land and Hold Short Lighting Systems.

150/5360-8B Announcement of Availability of Information on Foreign Airport Planning, Design, Construction, and Trade Opportunities (6-26-97). (AAS-100). Provides information on trade opportunity programs and publications relating to foreign airport planning, design, and construction.

150/5360-9 Planning and Design of Airport Terminal Facilities at Non-Hub Locations (4-4-80). (AAS-100). This advisory circular provides guidance material for the planning and design of airport terminal buildings at non-hub locations.

150/5360-10 Announcement of Availability--Airport Landslide Simulation Model (ALSIM) (4-24-84). (AAS-3). Announces the availability and describes some of the features of a dynamic simulation computer model for use by airport planners, designers, and operators in evaluating and comparing the effectiveness of alternative airport terminal and landslide configurations and facilities.

150/5360-11 Energy Conservation for Airport Buildings (5-31-84). (AAS-200). Provides guidance for promoting energy conservation in the design and operation of airport buildings; for initiating energy conservation programs; and for conducting airport building energy assessments.

150/5360-12B Airport Signing and Graphics (3-5-99). (AAS-100). Provides guidance on airport related signs and graphics.

150/5360-13 Planning and Design Guidelines for Airport Terminal Facilities (4-22-88). (AAS-100). Provides guidelines for the planning and design of airport terminal buildings and related access facilities. (Incorporates Change 1). This AC is very large and therefore is broken into the following sections for downloading: [1] [2] [3] [4]

150/5360-14 -Access to Airports By Individuals With Disabilities (6-30-99) (AAS-100). Designed to assist airports in complying with the current laws and regulations regarding individuals with disabilities by: (1) identifying the relevant statutes and regulations which impact upon airports; (2) presenting in a single document the main

features of each of the statutes and regulations; (3) providing legal citations to facilitate research; (4) listing sources of assistance or additional information; and (5) identifying Final Rules. It presents and reconciles the federal accessibility regulations implementing the Americans with Disabilities Act of 1990 (ADA); the Air Carrier Access Act of 1986 (ACAA); the Rehabilitation Act of 1973, as amended (RA); and the Architectural Barriers Act of 1968, as amended (ABA) which affect the architectural or program accessibility of airports in the U.S. transportation system and employment opportunities on these airports for individuals with disabilities.

150/5370-2C Operational Safety on Airports During Construction (5-31-84). (AAS-300). Concerning operational safety on airports with special emphasis on safety during periods of construction activity, to assist airport operators in complying with Part 139.

150/5370-6B Construction Progress and Inspection Report--Airports Grant Program (8-7-89). (AAS-200). Provides guidance for submission of a report on construction progress of Airport Development Aid Program (ADAP) projects.

150/5370-10A Standards for Specifying Construction of Airports (2-17-89). (with Changes 1 - 8) (AAS-200). Provides standards for construction of airports. Items covered include earthwork, drainage, paving, turfing, lighting, and incidental construction. (\$18.00 Supt. Docs.) SN 050-007-00821-0. [Download Zipped File](#)

150/5370-10A, Chg. 1 (6-15-90). Revised Item P-501, Portland Cement Concrete Pavement, to reflect the use of cementitious materials and chemical admixtures.

150/5370-10A, Chg. 2 150/5370-10A, Chg. 2 (11-2-90). Revised Items P-155, D-701, D-705, D-751, and F-162, have been revised to reflect changes in material specifications and new materials.

150/5370-10A, Chg. 3 (1-9-91). Revised Item P-625, Coal-Tar Emulsion Sealcoat, is withdrawn.

150/5370-10A, Chg. 4 (7-7-92). (AAS-200). Revised Item P-401, Plant Mix Bituminous Pavements to incorporate quality assurance provisions.

150/5370-10A, Chg. 5 (4-2-93). (AAS-200). Revises Table 2 and deletes requirement for voids filled with asphalt.

150/5370-10A, Chg. 6 (1-25-94). (AAS-200). Adds Section 100 and 110 to the General Provisions of the AC. The Notice to Users, Notice, and Item P-401 have been revised.

150/5370-10A, Chg. 8 (7-6-94). (AAS-200). Revised Item F-162, Chain Link Fences, to incorporate new materials.

150/5370-10A, Chg. 9 (9-10-96). (AAS-200). Revised Item P-620, Runway and Taxiway Painting. [Word for Windows 7 Format](#), [Text Format](#)

150/5370-10A, Chg. 10 (3-11-98). (AAS-200). General provisions Section 110 Method of Estimating Percentage of Material Within Specification Limits (PWL), Item P-401 Plant Mix Bituminous Pavements, and Item P-501 Portland Cement Concrete Pavement, have been revised to clarify PWL concepts, incorporate new acceptance criteria, test procedures, and pay adjustment schedules. [Word 6.0]

150/5370-10A, Chg. 11 (5-20-98). (AAS-200). Item P-626 Emulsified Asphalt Slurry Seal Surface Treatment, Item F-162 Chain-link Fences, Item D-701 Pipe for Storm Drains and Culverts, Item D-705 Pipe Underdrains for Airports, and Item D-751 Manholes, Catch Basins, Inlets, and Inspection Holes have been revised. ITEM D-702 Slotted Drains has been added. [Word 6.0]

150/5370-10A, Chg. 12 (2-22-99). (AAS-200). Revised Item P-620, Runway and Taxiway Painting. Adobe Acrobat Format, Word For Windows 97 Format, Text Format.

150/5370-10A, Item P-401, thru Change 12. (3-15-00). Item P-401, Plant Mix Bituminous Pavements specification with all changes through Change 12. (AAS200). Word Document 5370p401.doc

150/5370-10A, Item P-501, thru Change 12. (3-15-00). Item P-501, Portland Cement Concrete Pavement specification with all changes through Change 12. (AAS200). Word Document 5370p501.doc

150/5370-11 Use of Nondestructive Testing Devices in the Evaluation of Airport Pavements (6-4-76). (AAS-200). (Consolidated reprint includes change 1). Provides guidance to the public on the use of nondestructive testing devices as aids in the evaluation of the load-carrying capacity of airport pavements.

150/5370-12 Quality Control of Construction for Airport Grant Projects (9/6/85). (AAS-200). Provides information to ensure the quality of construction accomplished under the FAA Airports grant program.

150/5370-13 Offpeak Construction of Airport Pavements Using Hot-Mix Asphalt (8-27-90). (AAS-200). Provides guidance for the planning, coordination, management, design, testing, inspection, and execution of offpeak construction of airport pavements using hot mix asphalt paving materials.

150/5380-5B Debris Hazards at Civil Airports (7-5-96). (AAS-100). Discusses problems of debris at airports, gives information on foreign objects, and tells how to eliminate such objects from operational areas.

150/5380-6 Guidelines and Procedures for Maintenance of Airport Pavements (12- 3-82). (AAS-200). Provides guidelines and procedures for maintenance of rigid and flexible airport pavements. (\$7.00 Supt. Docs.) SN 050-007-00627-6.



150/5380-7 Pavement Management System (9-28-88). (AAS-200). Presents the concepts of a Pavement Management System, discusses the essential components of such a system, and outlines how it can be used in making cost- effective decisions regarding pavement maintenance and rehabilitation.

150/5390-2A Heliport Design (1-20-94). (AAS-100). Provides recommendations and standards for heliport and helistop design.

150/5390-3 Vertiport Design (5-31-91). (AAS- 100). Provides guidance to planners and communities interested in developing a civil vertiport or vertistop.

150/5395-1 Seaplane Bases (6-29-94) (AAS-100) Provides guidance to assist operators in planning, designing, and constructing seaplane base facilities.