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# FAA PUBLICATIONS



April 1967

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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### NOTE

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# Airports

**AIRPORT DRAINAGE.** AC 150/5320-5A. 1966.  
(45¢—GPO)

Provides guidance for airport managers, engineers, and the public in the design and maintenance of airport drainage systems.

**AIRPORT EMERGENCY PLANNING.** AC 150/5210-1. 8/15/63. (Free—FAA)

This Advisory Circular presents general guidance for airport emergency operations planning and is limited to principles which will serve as a guide to writing an adequate emergency plan.

**AIRPORT PAVING.** AC 150/5320-6. June 1964.  
(Free—FAA)

Provides a guide for engineers for use in designing pavements for civil airports and contains all essential data required to comply with FAA standards.

## **AIRPORT PLANNING GUIDES.**

These guides are for use in planning and developing airports. Numbers 1 and 3 are out of print; only the following are available:

Item No. 2 Longest Airline Nonstop Flights for Use in the Preparation of the National Airport Plan. (Free—FAA)

Item No. 4 Economic Planning for General Aviation Airports. December 1960.  
(Free—FAA)

**FEDERAL-AID AIRPORT PROGRAM—LABOR STANDARDS AND ENFORCEMENT PROCEDURES.** Revised April 1962. (Free—FAA)

Provides the basic requirements and procedures for administering the labor and wage provisions applicable to the Federal-aid Airport Program. It is intended primarily for the guidance of those public agencies sponsoring projects under the program and the contractors engaged in work under a project.

**FEDERAL-AID AIRPORT PROGRAM—PROCEDURES GUIDE FOR SPONSORS.** AC 150/5100-3. June 30, 1966. (Free—FAA)

Advises sponsors who apply for Federal funds for airport development under the Federal-aid Airport Program.

**HELIPORT DESIGN GUIDE. November 1964. AC 150/5390-1. (Free—FAA)**

Presents advisory information on the preparation and construction of heliports to assist public and private groups understand the need for heliport development. It outlines the basic physical, technical, and public interest factors which should be considered in establishing heliport sites.

**NATIONAL AIRPORT PLAN. Fiscal Years 1968-1972. (\$1.00—GPO)**

Forecasts the requirements to meet the need of civil aviation. Listed are the new airports and improvements to existing airports by States.

**PLANNING THE AIRPORT INDUSTRIAL PARK. AC 150/5070-3. September 30, 1965. (Free—FAA)**

Provides guidance to communities, airport boards, and industrial developers for the planning and development of Airport Industrial Parks.

**PLANNING THE METROPOLITAN AIRPORT SYSTEM. AC 150/5070-2. September 17, 1965. (Free—FAA)**

Provides guidance and methodology for planning the metropolitan airport system as a part of the comprehensive metropolitan planning program.

**RADIATION SAFETY FOR CIVIL AIRPORTS. AC 150/5240-6A. Revised 1965. (30¢—GPO)**

Provides civil airport management, safety personnel, and the general public with basic information on the fundamentals of radiation and the technical criteria needed to cope with emergencies involving radioactive materials or nuclear weapons on aircraft in event of an accident on or near an airport.

**STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS. AC 150/5370-1. June 1959. (\$2.75—GPO)**

**Supplement #2. 1964. AC 150/5370-1 CH1. (35¢—GPO)**

Contains specifications for the construction of airports and airparks in the U.S. and its possessions. Items covered are clearing and grubbing, grading, drainage, paving, lighting, turfing, and incidental construction items. This edition supersedes the January 1948 issue and its supplements.

**TWENTY-FIRST ANNUAL REPORT OF OPERATIONS UNDER THE FEDERAL AIRPORT ACT. Fiscal Year 1966. (Free—FAA)**

This report is prepared in accordance with Section 18 of the Federal Airport Act, which requires that the

Administrator of the FAA submit to the Congress an annual report of operations during the preceding fiscal year.

**VFR AIRPORTS. AC 150/5300-1. March 1963.  
(Free--FAA)**

Gives FAA minimum standards for VFR airports to serve small aircraft operating under visual flight rules. CHANGE 1, dated 2/13/64, provides amended information for the basic publication. CHANGE 2, dated 7/15/64, provides additional guidance on FAA policy in regard to the application of criteria, and incorporates additional aircraft performance curves and dimensional data.

# Aviation Statistics

## **AIR TRAFFIC PATTERNS AND COMMUNITY CHARACTERISTICS. 1963. (30¢—GPO)**

This study presents a comprehensive review and analysis of the community based on 1960 Census data, its economic and social characteristics, and effects on air traffic patterns.

## **AIR TRAFFIC PATTERNS FOR IFR AND VFR AVIATION. Calendar Year 1965. (Free—FAA)**

Summarizes IFR and VFR terminal and enroute air traffic activity for air carrier, general aviation, and military flying, from a 2% sample of flight plans filed at FAA flight service stations and combined station/towers. This is the first report of its kind.

## **AIRPORT ACTIVITY STATISTICS OF CERTIFICATED ROUTE AIR CARRIERS. 12 Months Ended June 30, 1966. (\$2.00—GPO)**

Provides the air-transport industry and the public with basic statistics relating to the passenger, freight, express, and mail traffic at each of the many airports served by U.S. airlines. This publication is issued jointly by the Civil Aeronautics Board and the FAA, and is a combination of the former "Air Commerce Traffic Pattern" by FAA and the "Airport Activity Statistics of Certificated Route Air Carriers" of the CAB. Future issues will cover 12-month periods ending June 30 and December 31 of each year.

## **CENSUS OF U. S. CIVIL AIRCRAFT AS OF December 31, 1964. May 1965. (\$1.00—GPO)**

This is a combination of two former annual reports, "Statistical Study of U.S. Civil Aircraft" and "U.S. Active Civil Aircraft by State and County". In most instances, the two groups of data have been kept separate to provide detail for more comprehensive utilization of the data. Comparisons have been made wherever possible.

## **ENROUTE IFR AIR TRAFFIC SURVEY—PEAK DAY. Fiscal Year 1965. (Free—FAA)**

Summarizes and analyzes peak day data for each center and terminal facility reporting IFR departures, and shows altitudes and departure times by user and type of aircraft. Includes pairs of communities

with 10 or more flights between them and the number of such flights.

**FAA AIR TRAFFIC ACTIVITY. Calendar Year 1966.  
(\$1.00—GPO)**

Presents data on air traffic activity of the FAA Airways System as measured by fix postings, departures, and overs; aircraft operations; instrument approaches; aircraft contacted and flight plans originated; and intermediate field landings. This report is issued twice a year and presents terminal and en-route air traffic data on either a fiscal or a calendar year basis.

**FAA STATISTICAL HANDBOOK OF AVIATION.  
1966 Edition. (\$1.00—GPO)**

Official statistics on principal aviation activities, including air carrier and general aviation operations, airmen and aircraft certification, airways, airport, and accident data.

**GENERAL AVIATION AIRCRAFT OWNERS SURVEY—1962. June 1964. (Free—FAA)**

Presents results of the 1962 sample survey of general aviation activities to provide statistics and comparisons on hours flown by type of flying, type of ownership, radio and other navigation equipment, cross-country flying, average occupancy, aircraft used, etc.

**GENERAL AVIATION AIRCRAFT RADIO EQUIPMENT—1962. September 1964. (Free—FAA)**

This report concerns the number of general aviation aircraft equipped with communication and navigation aids, by various type of aid and by type of aircraft. Information is derived from a sample survey of general aviation aircraft.

**TERMINAL LOCATIONS FOR PLANNING PURPOSES. Calendar Year 1965. April 1966. (Free—FAA)**

This report provides basic air traffic activity information on airports not served by an FAA air traffic control tower but which have sufficient air traffic activity to qualify them as potential candidates for ATC services or navigational aids.

# Examination Guides

## **AIRCRAFT DISPATCHER EXAMINATION GUIDE AC 65-4. 1966. (40¢—GPO)**

Describes the type and scope of aeronautical knowledge covered by the written examination, lists the recommended study material, and presents sample questions.

## **AIRFRAME AND POWERPLANT MECHANICS EXAMINATION GUIDE. AC 65-2. Revised 1963. (30¢—GPO)**

This guide is to assist applicants to prepare for the A&P mechanic examinations and contains information about requirements, applications, and the examinations. Included is a list of recommended study material and sample questions.

## **AIRLINE TRANSPORT PILOT (AIRPLANE) EXAMINATION GUIDE. AC 61-18A. Revised 1966 (35¢—GPO)**

This guide describes the scope of the written examination and lists appropriate references for study, and includes those portions of the Federal Aviation Regulations that specify eligibility and knowledge requirements.

## **AIRLINE TRANSPORT PILOT (HELICOPTER) WRITTEN EXAMINATION GUIDE. 1962. (30¢— GPO)**

This guide describes the scope of the written examination and provides a list of recommended study material. Included are the eligibility requirements for the ATR helicopter rating.

## **AIRPLANE FLIGHT INSTRUCTOR EXAMINATION GUIDE. AC 61-11. Revised 1965. (45¢—GPO)**

Provides information to prospective airplane flight instructors on certification requirements, application procedures, and reference study materials. Includes a sample examination with explanation of the correct answers.

## **COMMERCIAL PILOT EXAMINATION GUIDE. AC 61-28. 1966. (75¢—GPO)**

This guide is intended to define the scope of the written examination and to narrow the field for study to



the basic knowledge requisite to the Commercial Pilot Rating. A list of suggested study material is included in addition to a study outline and sample examination.

**FLIGHT ENGINEER WRITTEN EXAMINATION GUIDE. AC 63-1. 1966. (30¢—GPO)**

Contains information on certification requirements, describes the scope and type of examination, lists appropriate study and reference material, and presents sample examinations.

**FLIGHT NAVIGATOR WRITTEN EXAMINATION GUIDE. AC 63-2. 1967. (25¢—GPO)**

This guide presents the basic aeronautical knowledge requirements for certification, lists the recommended study material, and provides sample examination test items and other data used in the current examinations.

**FLIGHT TEST GUIDES.**

This is a series of study guides to assist applicants prepare for the practical examinations:

Multiengine Airplane Class or Type Rating. AC 61-4A. (15¢—GPO)

Private Pilot—Airplane, Single-Engine. AC 61-3A. (20¢—GPO)

Commercial Pilot—Airplane, Single-Engine. AC 61.117-1A. (10¢—GPO)

Instrument Pilot—Airplane. AC 61-17. (10¢—GPO)

Helicopter—Private and Commercial Pilot. AC 61-25. (10¢—GPO)

Gyroplane—Private Pilot. (15¢—GPO)

Gyroplane—Commercial Pilot. AC 61-30. (15¢—GPO)

Flight Instructor Practical Test Guide. AC 61-14. (10¢—GPO)

Glider—Private and Commercial Pilot. (15¢—GPO)

**GROUND INSTRUCTOR EXAMINATION GUIDE, BASIC—ADVANCED. AC 143-1A. Revised 1966. (70¢—GPO)**

Outlines the required knowledge for the basic or advanced written examinations, and provides sample questions for practice.

**GROUND INSTRUCTOR—INSTRUMENT—WRITTEN EXAMINATION GUIDE. AC 143-2. 1965. (50¢—GPO)**

Points out the subject areas covered in the examination and suggests to the student the phases of aeronautical knowledge most needed to provide a sound background in this field. Includes a list of recommended study material and a sample examination.

**GYROPLANE FLIGHT INSTRUCTOR EXAMINATION GUIDE. AC 61-33. 1966 (Free—FAA)**

Outlines the scope of the basic aeronautical knowledge requirements for the gyroplane flight instructor, lists the source material to acquire the knowledge, and presents a sample examination.

**GYROPLANE PILOT EXAMINATION GUIDE, PRIVATE AND COMMERCIAL. AC 61-31. 1966. (Free—FAA)**

Outlines information basic to a gyroplane pilot, lists sources useful in acquiring this knowledge, and presents sample questions.

**INSTRUMENT FLIGHT INSTRUCTOR WRITTEN EXAMINATION GUIDE. AC 61-29. Revised 1966. (50¢—GPO)**

Outlines the scope of the examination and includes a list of recommended study material and sample questions to help the applicant successfully pass the examination.

**INSTRUMENT PILOT EXAMINATION GUIDE. AC 61-8A. Revised 1966. (40¢—GPO)**

This guide points out the subject areas covered in the examination for instrument rating, and suggests to the student the phases of aviation knowledge in which he should be well informed. Includes sample examination questions and answers, and discusses the requirements for the rating in detail.

**PILOT TRANSITION COURSES FOR COMPLEX SINGLE-ENGINE AND LIGHT TWIN-ENGINE AIRPLANES. May 1964. AC 61-9. (15¢—GPO)**

This publication is offered as a guide to the procedures and standards to be followed for a thorough and comprehensive checkout in the more complex or more modern light twin-engine airplanes.

**REFRESHER COURSES FOR PRIVATE AND COMMERCIAL PILOTS. 1964. AC 61-10. (15¢—GPO)**

Presents the scope, coverage and syllabus of refresher courses for pilots holding at least private pilot certificates and for pilots with instrument ratings to update their piloting skills.

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The following study guides have been issued as **ADVISORY CIRCULARS** and are available free to qualified applicants from the FAA:

AC 61-5 Helicopter Pilot Examination Guide—Private, Commercial and Instructor. November 1963.

- AC 61-6A Glider Pilot Examination Guide—Private, Commercial and Flight Instructor. 1965.
- AC 65.33-1 List of Study References for Air Traffic Control Tower Operator Examination. May 25, 1966.

# Training Manuals

## **ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES—AIRCRAFT ALTERATIONS. AC 43.13-2. 1965. (\$1.00 domestic; \$1.25 foreign—GPO)**

Presents in detail the technical data for installing radios, antennas, anti-collision lights, skis, and oxygen systems in aircraft. This Advisory Circular and AC 43.13-1 replace CAM-18.

## **ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES—AIRCRAFT INSPECTION AND REPAIR. AC 43.13-1. 1965. (\$1.50 domestic; \$2.00 foreign—GPO)**

Presents in detail the technical data to be followed by mechanics in the maintaining, altering, and performing preventive maintenance on aircraft. This Circular and AC 43.13-2 replace CAM-18.

## **AVIATION WEATHER. 1965. AC 00-6. (\$2.25—GPO)**

This joint FAA/Weather Bureau publication supersedes and replaces "Pilot's Weather Handbook, TM-104," and provides an up-to-date and expanded text for pilots and flight operations personnel. Gives the pilot a practical understanding of those meteorological principles important to aviation and essential to his effective use of current and forecast weather information.

## **BASIC GLIDER CRITERIA HANDBOOK. AC 21-3. 1962. (75¢—GPO)**

Provides individual glider designers, the glider industry, and glider operating organizations with guidance material that augments the FAA glider airworthiness certification standards.

## **BASIC HELICOPTER HANDBOOK. AC 61-13. January 1966. (75¢—GPO)**

Provides detailed information on helicopter aerodynamics, performance, and flight maneuvers to applicants preparing for private, commercial and flight instructor pilot certificates with helicopter ratings. Also useful to helicopter flight instructors in training students.

**DENALT PERFORMANCE COMPUTER (FIXED PITCH PROPELLER).** Safety Education Series #8. (50¢—GPO)

This is a density altitude computer for use in aircraft with fixed pitch propellers. It is intended to supplement and NOT replace manufacturer's published performance information.

**DENALT PERFORMANCE COMPUTER (VARIABLE PITCH PROPELLER).** Safety Education Series #8. (50¢—GPO)

This is a density altitude computer for use in aircraft with variable pitch propellers. It is intended to supplement and NOT replace manufacturer's published performance information.

**FACTS OF FLIGHT. AC 00-4. Revised May 1963.** (50¢—GPO)

This booklet explains in nontechnical language why an airplane flies, effect of the controls, stalls and spins, facts about airplane structure and engine operation, and proper technique in takeoff, cruising, and landing.

**FLIGHT INSTRUCTOR'S HANDBOOK. 1964. AC 61-16.** (60¢—GPO)

This handbook has been prepared for the information and guidance of pilots preparing to apply for flight instructor certificates and for use as a reference by certificated flight instructors. It supersedes Civil Aeronautics Administration Technical Manual 105, "Flight Instructors' Handbook," dated January 1956.

**FLIGHT TRAINING HANDBOOK. AC 61-21. January 1966.** (70¢—GPO)

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. Replaces TM-106.

**INSTRUMENT FLYING HANDBOOK. AC 61-27. 1966.** (\$1.75—GPO)

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.

**PATH OF FLIGHT. AC 00-5. Revised February 1963.** (70¢—GPO)

Contains practical information about navigation of aircraft, radio communication, radio aids and flight planning.

**PERSONAL AIRCRAFT INSPECTION HANDBOOK.** Revised 1964. AC 20-9. (50¢—GPO)

Provides a general guide for inspection of aircraft: Part I deals with the fundamentals of inspection, and Part II covers typical inspection in detail. As reliable inspection comes only with experience, it is emphasized that the use of this handbook by the novice does not qualify him to make final determinations regarding the airworthiness of the aircraft. This Handbook supersedes TM-101 dated 1950.

**PLANE SENSE.** General Aviation Information. AC 20-5. Revised 1963. (Free—FAA)

This booklet is to acquaint the prospective pilot and airplane owner with some fundamentals of owning and operating an airplane.

**PRIVATE PILOT (AIRPLANE) FLIGHT TRAINING GUIDE.** 1964. AC 61-2A. (\$1.00—GPO)

This Guide is to assist flight instructors in planning the flight training of primary students. It is primarily for the use of instructors who do not operate under a curriculum offered by a certified flying school. The Guide is not intended for a study guide for either flight instructors or student pilots.

**PRIVATE PILOT'S HANDBOOK OF AERONAUTICAL KNOWLEDGE.** AC 61-23. Revised 1965. (\$2.75—GPO)

This handbook contains essential, authoritative information used in training and guiding private pilots, and covers all subject areas in which an applicant may be tested. Tells how to use the Airman's Information Manual, data in FAA approved airplane flight manuals and basic instruments for airplane attitude control.

**REALM OF FLIGHT.** AC 00-3. Revised 1963. (75¢—GPO)

A condensed elementary text on weather characteristics written for the private pilot. Many color illustrations are included to describe atmospheric pressure, clouds, winds, fronts, etc.

**STUDENT PILOT GUIDE.** AC 61-12A. October 1965. (15¢—GPO)

This guide presents, in a "how to go about it" fashion, general procedures for obtaining a student and private pilot certificate. It answers questions on pilot requirements, training, study material, examinations, flight tests, and lists the addresses of the FAA General Aviation District Offices.

**WAKE TURBULENCE. AC 90-23A December 21,  
1965. (Free—FAA)**

Presents information on the subject of wake turbulence and suggests techniques that may help pilots avoid the hazards associated with wing tip vortex turbulence.

# Flight Information

## **AIRMAN'S INFORMATION MANUAL.**

This publication presents, in three Parts, information necessary for the planning and conduct of flights in the U.S. airway system. Besides providing frequently updated airport and navaid data, the AIM includes instructional and procedural information, and is designed for use in the cockpit.

Each Part is available on a separate annual subscription to better serve the needs of the individual pilot.

### **PART 1—BASIC FLIGHT MANUAL AND ATC PROCEDURES. (\$2.00 domestic; \$2.50 foreign—GPO):**

Issued quarterly.

### **PART 2—AIRPORT DIRECTORY. (\$2.00 domestic; \$2.50 foreign—GPO):**

Issued semiannually.

### **PART 3—OPERATIONAL DATA AND NOTICES TO AIRMEN. (\$9.00 domestic; \$11.25 foreign—GPO):**

Issued every 28 days, supplemented by NOTICES TO AIRMEN every 14 days midway of the 28 day cycle.

### **ALASKA AIRMAN'S GUIDE AND CHART SUPPLEMENT. (Subscription: \$13.00; Airman's Guide only: \$10.00. Single copies: 50¢—C&GS)**

### **PACIFIC AIRMAN'S GUIDE AND CHART SUPPLEMENT. (Subscription: \$13.25; Airman's Guide only: \$8.75. Single copies 50¢—C&GS)**

Published every 28 days, each Guide contains a Radio-Radar Listing Directory, Directory of Airports and Seaplane Bases, Special Notices, and Emergency Search and Rescue Procedure. Enroute charts are supplemented by the Guides and Chart Supplements.

The Guides are available on subscription with and/or without the Chart Supplements; single copies of the Guides, without the charts, are also available. Orders, with check or money order payable to the U.S. Coast and Geodetic Survey, should be addressed: U.S. Coast & Geodetic Survey, E.S.S.A., Rockville, Md. 20852.



**INTERNATIONAL FLIGHT INFORMATION MANUAL. Vol. 14. April 1966. (\$1.25—GPO)**

Provides essential information to pilots in planning foreign flights. It contains a world-wide directory of airports of entry, and the normal foreign requirements for passports, visas, and health and customs data. It also contains information on special flight restrictions and regulations, foreign entry and flight requirements, North Atlantic and Pacific Ocean Station Vessels. Annual subscription consists of basic manual with supplements issued quarterly.

**INTERNATIONAL NOTAMS. (Annual subscription: \$3.00 domestic; \$5.00 foreign—GPO)**

Provides weekly Notices to Airmen on a world-wide basis. Covers temporary hazardous conditions, changes in facility operational data, and foreign entry procedures and regulations. Supplements the "International Flight Information Manual."

## Miscellaneous

### **AERONAUTICAL COMMUNICATIONS AND PILOT SERVICES. 7300.7. March 3, 1966. (\$3.25 domestic; \$4.25 foreign—GPO)**

This manual prescribes uniform instructions and practices, with accompanying phraseology and examples, to be used by personnel of all FAA facilities. Subscription consists of the basic manual and quarterly supplements issued in June, September, December and March, for a two year period. This Handbook replaces "Flight Assistance Handbook" and "Communications Handbook."

### **AIR TRAFFIC CONTROL PROCEDURES. 3rd Edition. AT P-7110.1B. November 12, 1964. (\$4.00 domestic; \$5.50 foreign—GPO)**

Prescribes procedures and regulation phraseology to be used by personnel of all facilities providing air traffic control service. Subscription consists of basic manual and supplementary service.

### **AIRCRAFT ENGINE & PROPELLER SPECIFICATIONS & TYPE CERTIFICATE DATA SHEETS. (\$8.00 domestic; \$10.00 foreign. Renewal subscription: \$2.00 domestic; \$2.25 foreign—GPO)**

Subscription consists of the basic set plus monthly supplements for approximately one year.

### **ANC BULLETINS AND MILITARY HANDBOOKS.**

The following is a list of currently available research documents, prepared and issued jointly by the Air Force, Navy and the FAA:

MIL-HNDK-5A -- Metallic Materials & Elements for Aerospace Vehicle Structures, 1966. (\$4.00—GPO)

MIL-HNDK-23 -- Composite Construction for Flight Vehicles:  
Part III—Design Procedures.  
October 1962. (55¢—GPO)

### **A CITIZEN'S GUIDE TO AIRCRAFT NOISE. 1963. (25¢—GPO)**

In this booklet we attempt to show why airplanes make noise, why the jets fly over your house, why night flights are necessary and to describe what has been and can be done to quiet them.

**APPLICATION OF GLASS FIBER LAMINATES IN AIRCRAFT. 1964. AC 20-21. (35¢—GPO)**

This book discusses the past and present uses of glass reinforced plastics, its engineering properties, designing with glass reinforced plastics and manufacturing aircraft parts of this material. Also includes information to be included in process specifications for structural glass fiber base plastic laminate and sandwich construction parts, with halftones and drawings to assist the technical explanations.

**BONDING INSPECTION. Digest No. 5. 1960. (40¢—GPO)**

This is the last available of a series of quality control digests; Nos. 1 through 4 are out of print. Future quality control publications will be published as Advisory Circulars.

**CONTRACTIONS. 7340.1. April 1, 1966. (60¢—GPO)**

This handbook contains the approved word and phrase contractions used by personnel of FAA and other agencies that provide air traffic control, communications, weather, charting and associated services. Subscription consists of the basic manual, subject dividers, and page revisions issued quarterly.

**DEPARTMENT OF TRANSPORTATION ACT. Public Law 89-670. October 15, 1966. (15¢—GPO)**

This Act establishes a new cabinet level executive department of the government to be known as the Department of Transportation. DOT will be operational as of April 1, 1967 and will be composed of a National Transportation Safety Board and five operating agencies: Coast Guard, Federal Aviation Administration, Federal Highway Administration, Federal Railroad Administration, and the St. Lawrence Seaway Development Corp.

**DESIGN FOR THE NATIONAL AIRSPACE UTILIZATION SYSTEM. First Edition. June 30, 1962. (\$2.50—GPO)**

This status report presents a preliminary system design for airspace utilization involving the safe and efficient use of air vehicles to implement the Project Beacon Report. It introduces a forecast of traffic patterns through 1975 and outlines a spectrum of services appropriate to the various users.

**DESIGN FOR THE NATIONAL AIRSPACE UTILIZATION SYSTEM. Summary of First Edition. (45¢—GPO)**

This summary describes all essential elements of the long-range plan for the National Airspace Utilization System.

**EXPORT AIRWORTHINESS APPROVAL PROCEDURES. AC 21-2. July 16, 1965. (Free—FAA)**

Provides guidance to the public for the issuance of export airworthiness approvals for aeronautical products to be exported from the U.S. Includes special requirements of 19 foreign countries. This AC supersedes Aviation Safety Manual of Procedures Chapter 2-4, Export and Import of Aeronautical Products, dated June 1, 1953 and all amendments thereto.

**FAA AVIATION NEWS. (Annual subscription: \$1.50 domestic; \$2.00 foreign. Single copy: 15¢)**

Published monthly in the interest of aviation safety to acquaint readers with the policies and programs of the FAA. Back issues are available as long as stock lasts.

**THE FEDERAL AVIATION AGENCY. September 1964. (25¢—GPO)**

This pamphlet describes the FAA—its operations, responsibilities, aims, history and organization. In addition to discussing aircraft, airmen, airways, airports and air traffic control, it presents the highlights of aviation medicine, communications, international aviation, research and development, the FAA Aeronautical Center and the National Aviation Facilities Experimental Center.

**FEDERAL AVIATION AGENCY HISTORICAL FACT BOOK—A CHRONOLOGY 1926-1963. 1966. (\$1.00—GPO)**

Provides basic historical information on the Federal Government's role in the development of Civil Aviation, and about the contributions of FAA and its predecessor agencies to the growth of the industry.

**SEVENTH ANNUAL REPORT OF THE FEDERAL AVIATION AGENCY 1965. 45¢—GPO)**

This is the Administrator's report to the President and the Congress on activities of the Agency in accordance with Section 313(e) of the Federal Aviation Act of 1958.

**GENERAL AVIATION INSPECTION AIDS SUMMARY. AC 20-7C. August 1966. (\$1.50 domestic; \$2.00 foreign—GPO)**

The inspection aids, compiled from reports of aircraft and component service difficulties, are for the use of operators, mechanics, repair stations and other engaged in the operation, inspection, and maintenance of general aircraft. Subscription consists of the Summary and eleven monthly supplements.

**GLOSSARY OF AIR TRAFFIC CONTROL TERMS.**  
(Free—FAA)

This booklet defines some of the terms in air traffic control, especially words most frequently used in air-ground communications.

**GUIDE TO DRUG HAZARDS IN AVIATION MEDICINE.** AC 91.11-1. 1962. (35¢—GPO)

This is a handbook on the effect of the use of drugs in aviation to guide medical examiners and others interested in determining the cause of symptoms produced by drugs upon individual airmen.

**LOCATION IDENTIFIERS 7350.1E.** January 24, 1967. (\$3.00 domestic; \$4.00 foreign—GPO)

Incorporates all authorized 3-letter location identifiers for special use in the U.S., worldwide, and Canadian assignments. Subscription consists of three issues a year, each of which supersedes the previous. No single copies are sold.

**POTENTIAL OF AIRBORNE COLLISION PREVENTION DEVICES.** (\$1.00—GPO)

Reports the proceedings of the symposium on collision avoidance held July 12 and 13, 1962, in Washington, D.C. Techniques and systems for preventing aircraft collisions are presented and discussed in addresses given by representatives of both the U.S. Government and the aviation industry.

**PROJECT BEACON. REPORT OF THE TASK FORCE ON AIR TRAFFIC CONTROL. A STUDY OF THE SAFE AND EFFICIENT UTILIZATION OF AIRSPACE.** October 1961. (70¢—GPO)

This report discusses the performance of the present means of air traffic control and recommends an improved system for development and implementation.

**PROJECT HORIZON. REPORT OF THE TASK FORCE ON NATIONAL AVIATION GOALS.** September 1961. (\$1.50—GPO)

This is a statement of national aviation goals for the period between 1961 and 1970. These goals define the technical, economic, and military objectives of the Federal Government throughout the broad spectrum of aviation.

**PROJECT HUMMINGBIRD—A TECHNICAL SUMMARY AND COMPILATION OF CHARACTERISTICS AND SPECIFICATIONS ON STEEP-GRADIENT AIRCRAFT.** April 1961. (\$1.75—GPO)

This is the second report under Project Hummingbird. In two parts, it contains a technical summary of the state of the art of steep-gradient aircraft, and specifi-

cations and performance of world-wide individual existing and potential V/STOL transports.

**PROJECT LONG LOOK—REPORT OF THE AVIATION HUMAN RESOURCES STUDY BOARD ON MANPOWER REQUIREMENTS OF THE CIVIL AVIATION INDUSTRY. September 1964. (\$1.00—GPO)**

A report encompassing the major aspects of civil aviation manpower resources. Included is an inventory of current highly skilled civil aviation personnel, a projection of requirements from 1964 through 1980 and recommendations for actions pertinent to the continued growth and development of civil aviation in the U.S.

**RADIOLOGICAL PROTECTION AND DECONTAMINATION OF CIVIL AIRCRAFT. November 1962. (65¢—GPO)**

This manual establishes measures, precautions, and guidelines to be observed by operating and maintenance personnel in the identification and handling of aircraft, aircraft engines, and parts, before and after exposure to radioactive fallout.

**SAFETY IN CONSTRUCTION AND ALTERATION WORK. November 5, 1962. (45¢—GPO)**

This handbook includes FAA's safety requirements for all construction and repair work performed for the Agency under contract. These provisions also apply to FAA personnel performing such work.

**SELLING TO THE FAA. 1965. (Free—FAA)**

Describes how, what and where the FAA buys, and how prospective contractors can participate in the FAA procurement program, ranging from the purchase of simple office supplies to complex research and development services. Requests for copies should be addressed to the FAA, Procurement Information Office, IM-205, Washington, D. C. 20553, or to the nearest FAA Regional Office.

**SUMMARY OF AIRWORTHINESS DIRECTIVES FOR SMALL AIRCRAFT. January 1, 1965. Volume I. (\$3.00 domestic; \$4.00 foreign—GPO)**

**SUMMARY OF AIRWORTHINESS DIRECTIVES FOR LARGE AIRCRAFT. January 1, 1965. Volume II. (\$3.50 domestic; \$4.50 foreign—GPO)**

The airworthiness directives are summarized in two volumes, one covering small aircraft and the other large aircraft. Each volume may be purchased separately on subscription which consists of the basic

volume plus annual supplements. Free mailing list service for the bi-weekly AD cards will continue to be available from the FAA *on request* as in the past.

**SUMMARY OF SUPPLEMENTAL TYPE CERTIFICATES. November 1965. (\$3.00 domestic; \$4.50 foreign—GPO)**

Lists all FAA supplemental type certificates which the holders have indicated will be made available to others. Subscription consists of the basic Summary and quarterly supplements.

**UNITED STATES CIVIL AIRCRAFT REGISTER. AC 20-6G. January 1, 1967. (\$7.25—GPO)**

This is a register of active civil aircraft, listed by registration number, and showing name and address of owner, manufacturer's serial number, make, model, year of manufacture, and type of aircraft.

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## **ADVANCE NOTICE OF FORTHCOMING PUBLICATIONS**

The following new and/or revised publications are being prepared and are expected to be available within approximately 90 days:

### **AIRCRAFT SPECIFICATIONS.**

**FEDERAL AVIATION REGULATIONS WRITTEN EXAMINATION GUIDE FOR PRIVATE, COMMERCIAL & MILITARY PILOTS. AC 61-34**

**PRIVATE PILOT WRITTEN EXAMINATION GUIDE. AC 61-32**

**TERRAIN FLYING. AC-91-15**

**ULTRASONIC NONDESTRUCTIVE TESTING. AC 20-50**

**THE FEDERAL AVIATION ADMINISTRATION. April 1967.**

**EIGHTH ANNUAL REPORT OF THE FEDERAL AVIATION AGENCY. 1966**

**CENSUS OF U.S. CIVIL AIRCRAFT as of December 31, 1965. March 1967.**

FAA maintains a mailing list for the free distribution of this publications booklet. Those wishing to receive future issues should address their requests to the Department of Transportation, Federal Aviation Administration, Distribution Unit, HQ-438, Washington, D.C. 20590