



Aviation Instructor's Handbook FAA Plus Aviation Weather Services Advisory Circular, AC 00-45G, Change 1 (July, 2010)

Federal Aviation Administration

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TWO Aviation Handbooks combine into one book! Aviation Instructor's Handbook: Designed for ground instructors, flight instructors, and aviation maintenance instructors, the Aviation Instructor's Handbook was developed by the Flight Standards Service, Airman Testing Standards Branch, in cooperation with aviation educators and industry to help beginning instructors understand and apply the fundamentals of instruction. This handbook provides aviation instructors with up-to-date information on learning and teaching, and how to relate this information to the task of teaching aeronautical knowledge and skills to students. Experienced aviation instructors will also find the updated information useful for improving their effectiveness in training activities. Chapters include: Human Behavior; The Learning Process; Effective Communication; The Teaching Process; Planning Instructional Activity; Assessment; Instructor Responsibilities and Professionalism; Techniques of Flight Instruction; Risk Management; Appendix: References; Developing a Test Item Bank; Certificates, Ratings, and Endorsements; Personal Minimums Checklist; Flight Instructor Endorsements; Relationships of Decision-Making Models; Glossary; Index PLUS: Aviation Weather Services, Advisory Circular 00-45G, Change 1, is published jointly by the National Weather Service (NWS) and the Federal Aviation Administration (FAA). AC 00-45G, Change 1, explains U.S. aviation weather products and services. It details the interpretation and application of advisories, coded weather reports, forecasts, observed and prognostic weather charts, and radar and satellite imagery. Product examples and explanations are taken primarily from the Aviation Weather Center's Aviation Digital Data Service. Aviation Weather Services, Advisory Circular, AC 00-45G, Change 1, supersedes AC 00-45G. Chapters includes: AVIATION WEATHER SERVICE PROGRAM, NATIONAL OCEANIC and ATMOSPHERIC ADMINISTRATION (NOAA), FEDERAL AVIATION ADMINISTRATION (FAA), DISSEMINATION of AVIATION WEATHER PRODUCTS, AVIATION WEATHER PRODUCT CLASSIFICATION AND POLICY, CLASSIFICATION of AVIATION WEATHER PRODUCTS, Types of AVIATION WEATHER INFORMATION, AVIATION ROUTINE WEATHER REPORTS (METAR) and AVIATION SELECTED SPECIAL WEATHER REPORTS (SPECI), METAR/SPECI Type and Frequency of Lightning, PILOT WEATHER REPORTS (PIREP), RADAR WEATHER REPORT (SD/ROB), RADAR AND SATELLITE IMAGERY, SATELLITE, GRAPHICAL OBSERVATIONS, SURFACE ANALYSIS CHARTS, FREEZING-LEVEL GRAPHICS, RADAR SUMMARY CHART, PRODUCTS FOR AVIATION HAZARDS, CENTER WEATHER ADVISORY (CWA), TROPICAL CYCLONES, VOLCANIC ASH ADVISORY PRODUCTS, TERMINAL AERODROME FORECAST, INTERNATIONAL AVIATION ROUTE FORECASTS, FORECAST CHARTS, LOW-LEVEL SIGNIFICANT WEATHER (SIGWX) CHARTS, HIGH-LEVEL SIGNIFICANT WEATHER, NATIONAL CONVECTIVE WEATHER FORECAST, CURRENT ICING PRODUCT, FORECAST ICING POTENTIAL, GRAPHICAL TURBULENCE GUIDANCE, METEOROLOGICAL IMPACT STATEMENT, DEFINITION OF COMMON TERMS USED IN EN ROUTE FORECASTS AND ADVISORIES, STANDARD CONVERSION CHART, DENSITY ALTITUDE CALCULATION, ADVISORY PLOTTING CHART, WEATHER RADAR NETWORK, GEOGRAPHICAL AREA DESIGNATOR MAP, PRESENT WEATHER SYMBOLS, TURBULENCE AND ICING INTENSITY DEPICTIONS.

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Michael Hilton:

The book Aviation Instructor's Handbook FAA Plus Aviation Weather Services Advisory Circular, AC 00-45G, Change 1 (July, 2010) has a lot of information on it. So when you make sure to read this book you can get a lot of profit. The book was published by the very famous author. Tom makes some research just before write this book. This specific book very easy to read you will get the point easily after scanning this book.

Darren Perez:

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