

ASA FLIGHT TRAINING

ASA AVIATION WEATHER HANDBOOK



This important Federal Aviation Administration (FAA) Handbook updates and consolidates information previously available in six different Advisory Circulars: Pilots and dispatchers must learn to deal with all aspects of weather, including how to appreciate good weather, recognize and respect marginal or hazardous weather, and avoid violent weather. This knowledge and the ability to make sound weather decisions are critical to the successful outcome of all flights. This book discusses each aspect of weather as it relates to aircraft operation and flight safety and provides information on the tools available for flight planning and inflight weather decisions, including observations, analyses, and forecasts.

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ASA ILLUSTRATED GUIDE TO FLYING



Inspired by the effortless soaring of birds, humans have taken to wing as the safest, fastest, and most enjoyable way to travel.

An Illustrated Guide to Flying by Barry Schiff explains the principles and practice of flying with concise critical facts, supported with prolific illustrations and photographs, covering basic flight maneuvers, aircraft engines and flight instruments, navigation, weather, types of aircraft, traffic control, flight rules, and more.

This is an exciting introduction to flying for aspiring pilots of all ages, revealing the mysteries of flight and explaining how pilots deal with their aircraft and the elements through which they fly.

Either as a student, passenger, or future pilot, the reader will enter a fascinating new world that offers challenge, fun, and adventure.

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Providing basic knowledge essential for all pilots, from beginning students through to the more advanced certificates, this Federal Aviation Administration (FAA) publication introduces readers to the broad spectrum of knowledge required as they progress through pilot training. Studying this book, pilots gain the required knowledge to earn a certificate and understand aerodynamic theory associated with airplane flight. Written

for the pilot preparing for a Remote, Sport, Private, Commercial, or Flight Instructor Pilot Certificate, it is a key reference for all the information necessary to operate an aircraft and to pass the FAA Knowledge Exam and Practical Test (checkride) P/N 11-18947 **\$29.75**

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You'll discover how to determine the full cost of aircraft ownership, select insurance, consider tax implications, pick an airport to call home, assess and choose aircraft storage, safely move your airplane, manage maintenance work, find and organize important documents, manage and determine the significance of inoperative equipment, evaluate potential modifications for improved performance, upgrade avionics, overhaul or swap an engine, budget for future maintenance, and more.

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to earning a certificate and rating.
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ASA PRACTICAL ELECTRICITY FOR AVIATION MAINTENANCE TECHNICIANS



For those preparing to enter the field of aviation maintenance, for those seeking an introduction to electricity, as well as for experienced mechanics who want to increase their knowledge of electricity and electrical systems. Aircraft electrical systems are not limited to the starter, generator, battery and ignition; the electronics are no longer just the "radio." Today's aircraft are loaded with electric motors, lights, instruments and heaters, and the avionics and electronic controls have made flight profitable, safe, and efficient.

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NAVIGATING WEATHER



Weather radar information is one of the most valuable tools available to pilots to ensure safe, efficient, and comfortable flight operations. Onboard weather radar allows pilots to tactically navigate near and around severe weather with confidence. And with the advent of datalink radar data systems, pilots of all types of aircraft and skill levels can easily access similar vital information. Yet pilots must understand how to use these technologies and their potential flaws to avoid inadvertently getting too close to or penetrating severe weather, which could obviously have detrimental outcomes.

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