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Sommario/riassunto

Aviation Supplies weather briefings; weather theory and aviation hazards; meteorology; mountain, tropical, arctic, and space weather; observations (ASOS, AWOS, METAR, PIREP, radar); weather charts; advisories (including AIRMET, SIGMET, wind shear); forecasts (TAF, FA); online weather resources and flight planning tools; and much more.The examples and explanations are supported with online references for further weather resources, definitions, and related FAA publications. Illustrated throughout with detailed, full-color drawings and photographs.weather decisions are critical to the successful outcome of all flights. Aviation Weather Handbook 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.The information in this handbook applies to students, experienced pilots, and flight instructors alike and is a key reference for meteorology and weather services pertinent to FAA Knowledge Exams and airman certification. It is a comprehensive resource for what you need to know about weather to fly safely in both visual (VMC) and instrument (IMC) meteorological conditions. Subjects covered include the U.S. aviation weather service program; weather briefings; weather theory and aviation hazards; meteorology; mountain, tropical, arctic, and space weather; observations (ASOS, AWOS, METAR, PIREP, radar); weather charts; advisories (including AIRMET, SIGMET, wind shear); forecasts (TAF, FA); online weather resources and flight planning tools; and much more.The examples and explanations are supported with online references for further weather resources, definitions, and related FAA publications. Illustrated throughout with detailed, full-color drawings and photographs.; forecasts (TAF, FA); online weather resources and flight planning tools; and much more.The examples and explanations are supported with online references for further weather resources, definitions, and related FAA publications. Illustrated throughout with detailed, full-color drawings and photographs.wea