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Glider Flying Handbook





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Glider Flying Handbook

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Preface

The Glider Flying Handbook is designed as a technical manual for applicants who are preparing for glider category rating and for currently certificated glider pilots who wish to improve their knowledge. Certificated flight instructors will find this handbook a valuable training aid, since detailed coverage of aeronautical decision-making, components and systems, aerodynamics, flight instruments, performance limitations, ground operations, flight maneuvers, traffic patterns, emergencies, soaring weather, soaring techniques, and cross-country flight is included. Topics such as radio navigation and communication, use of flight information publications, and regulations are available in other Federal Aviation Administration (FAA) publications.

The discussion and explanations reflect the most commonly used practices and principles. Occasionally, the word "must" or similar language is used where the desired action is deemed critical. The use of such language is not intended to add to, interpret, or relieve a duty imposed by Title 14 of the Code of Federal Regulations (14 CFR). Persons working towards a glider rating are advised to review the references from the applicable practical test standards. Resources for study include FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge; FAA-H-8083-2, Risk Management Handbook; and FAA-H-8083-28, Aviation Weather Handbook, as these documents contain basic material not duplicated herein. All beginning applicants should refer to FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge, for study and basic library reference.

It is essential for persons using this handbook to become familiar with and apply the pertinent parts of 14 CFR and the Aeronautical Information Manual (AIM). The AIM is available on the <u>FAA website</u>. The current Flight Standards Service airman training and testing material and learning statements for all airman certificates and ratings can be obtained from the <u>FAA website</u>.

This handbook supersedes FAA-H-8083-13A, Glider Flying Handbook, dated 2013.

This handbook is available for download, in PDF format, from the FAA website.

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