

Preface

The Weight-Shift Control (WSC) Aircraft Flying Handbook introduces the basic pilot knowledge and skills that are essential for piloting WSC aircraft. It introduces pilots to the broad spectrum of knowledge that is needed as they progress in their pilot training. This handbook is for student pilots, as well as those pursuing more advanced pilot certificates.

Student pilots learning to fly WSC aircraft, certificated pilots preparing for additional WSC ratings or who desire to improve their flying proficiency and aeronautical knowledge, and commercial WSC pilots teaching WSC students how to fly should find this handbook helpful. This book introduces the prospective pilot to the realm of WSC flight and provides information and guidance to all WSC pilots in the performance of various maneuvers and procedures.

This handbook conforms to pilot training and certification concepts established by the Federal Aviation Administration (FAA). There are different ways of teaching, as well as performing flight procedures and maneuvers, and many variations in the explanations of aerodynamic theories and principles. This handbook adopts a selective method and concept to flying WSC aircraft. The discussions 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).

It is essential for persons using this handbook also to become familiar with and apply the pertinent parts of 14 CFR and the Aeronautical Information Manual (AIM). Performance standards for demonstrating competence required for pilot certification are prescribed in the appropriate WSC practical test standard.

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

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