

GUIDE TO THE FLIGHT REVIEW

For Pilots & Instructors

JACKIE SPANITZ

COMPLETE PREPARATION FOR ISSUING OR TAKING A FLIGHT REVIEW INCLUDING BOTH THE GROUND AND FLIGHT REQUIREMENTS

Guide to the Flight Review for Pilots & Instructors Eighth Edition by Jackie Spanitz

Aviation Supplies & Academics, Inc. 7005 132nd Place SE Newcastle, Washington 98059-3153 asa@asa2fly.com | www.asa2fly.com

Go to www.asa2fly.com/reader/oegbfr for further resources associated with this book.

Copyright © 1994–2019 Aviation Supplies & Academics, Inc.

Eighth Edition published 2019. Previously published as "Guide to the Biennial Flight Review."

All rights reserved. No part of this book shall be reproduced, stored in any retrieval system, or transmitted by any means, electronic, mechanical, xerographic, audio/visual record, or otherwise, without the written permission from the publisher. While every precaution has been taken in the preparation of this book, the publisher and Jackie Spanitz assume no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. None of the material in this guide supersedes any documents, procedures, or regulations issued by the Federal Aviation Administration.

Portions of this book were previously published in the *Private Oral Exam Guide* by Michael D. Hayes.

ASA-OEG-BFR8

ISBN 978-1-61954-923-4

Additional formats available:

Kindle ISBN 978-1-61954-925-8 eBook ePub ISBN 978-1-61954-924-1 eBook PDF ISBN 978-1-61954-926-5

Printed in the United States of America

2023 2022 2021 2020 9 8 7 6 5 4 3 2 1

Library of Congress Cataloging-in-Publication Data

Spanitz, Jackie

Guide to the Biennial Flight Review: complete preparation for issuing or taking a Flight Review; with excerpts from Michael Hayes' popular oral exam guide series / by Jackie Spanitz.

p. cm.
1. Airplanes—Piloting. 2. United States. Federal Aviation
Administration—Examinations. I.Title

TL710.5622 1994

629.132'52'076—dc20 94-36559

CIP

Contents

1	Introduction		
	What is the Flight Review?	1–3	
	Flight Review Candidates	1-3	
	Requirements (14 CFR 61.56)	1-4	
	Options for Completing the Flight Review	1-4	
	Conduct of the Flight Review	1-5	
	Reader Resources	1-7	
2	Q&A:		
	Candidate Information	2-3	
	Instructor Information		
3	Ground Instruction Requirement		
	Review: Sample Oral Exercise	3-3	
	A. Privileges and Limitations		
	B. Currency Requirements	3-6	
	C. Aircraft Certificates and Documents	3-9	
	D. Aircraft Maintenance Requirements	3-11	
	E. Weather	3-15	
	F. Obtaining Weather Information	3-18	
	G. Weather Reports, Forecasts and Charts	3-18	
	H. Aerodynamics	3-20	
	I. Weight and Balance	3-23	
	J. Aircraft Performance	3-25	
	K. Navigation	3-28	
	L. Cross-Country Flying	3-29	
	M.Radio Communications	3-32	
	N. Federal Aviation Regulations Part 91	3-33	
	O. Airspace	3-43	
	P. National Transportation Safety Board	3-56	

Q. Airpor	t Operations	3-57	
	y Incursion Avoidance		
S. Aviatio	on Security	3-70	
	t and Engine Operations		
U. System	and Equipment Malfunctions	3-73	
•	V. Airplane Instruments		
_	Factors		
	Sample Written Exercise		
4 Flight I	nstruction Requirement		
Maneuver	s Table: Private	4-3	
	s Table: Commercial		
Appendix 1	14 CFR 61.56 Flight Review	A1-1	
Appendix 2	AC 61-98D Excerpt Currency Requirements and Guidance for the Flight Review and		
	Instrument Proficiency Check	A2-1	
Appendix 3	FAA Guidance Document:		
	Conducting an Effective Flight Review	A3-1	
Appendix 4	AC 61-91J WINGS—Pilot Proficiency Progra	<i>m</i> A4–1	
Appendix 5	Flight Review Checklist	A5-1	

What is the Flight Review?

This guide to the flight review (previously called "Biennial Flight Review" or BFR) is a comprehensive guide to prepare for taking or issuing a flight review. The flight review has been an FAA requirement since 1974 and was developed to curb pilot-related accidents. Although it has accomplished this objective, there is still room for improvement. A standard flight review should offer an effective learning experience that will further reduce pilot-related accidents. The FAA's guidance document reprinted in Appendix 3 provides some excellent and very specific recommendations on how to use the flight review in this capacity.

The flight review is not intended to be another checkride, but rather an assessment of the pilot's skills. The sole objective is to determine if the pilot is safe in the operations he/she usually conducts.

Again, the flight review is meant to determine your ability to handle the airplane safely and with good judgment. It is not meant to be like the checkride, but rather instructional. The maneuvers performed in the flight should reflect the pilot's experience and type of flying; the actions should be predictable to the instructor and conform to local procedures, with safety being the main concern. The flight review should be considered an opportunity. It could be performed annually, as recurrent or refresher training, or biennially, as required by 14 CFR §61.56.

Flight Review Candidates

14 CFR §61.56 states that every pilot must take a flight review every 24 calendar months. This means *every* pilot must take a flight review in order to maintain pilot-in-command (PIC) privileges.

Requirements (14 CFR 61.56)

The conduct of the flight review is at the discretion of the flight instructor, but the FAA does state minimum requirements necessary for the satisfactory completion:

- 1 hour of flight training and 1 hour of ground training
- A review of 14 CFR Part 91
- A review of those maneuvers and procedures necessary for the pilot to demonstrate the safe exercise of the privileges of the pilot certificate
- A logbook endorsement stating the satisfactory completion of the check

See Appendix 1 for the complete 14 CFR §61.56, and Appendix 3 for the FAA's recommendations on content and best use of time during the flight review.

Options for Completing the Flight Review

With safety in mind, the flight review can be completed in a manner beneficial to the pilot:

• A flight review with a flight instructor

Everyone can use some dual flight periodically. This would be a prime opportunity to brush up on skills not frequently used. If flights normally take place at a nontowered airport, flight into a busier airport could increase proficiency in radio communications, and airspace. If straight and level is the normal attitude, some unusual attitudes and hood-work would be beneficial. If flights are normally conducted within the local area, a cross-country could be planned.

This is the suggested route to take for those that don't have the opportunity to fly as frequently as they might like—work off that rust! See Appendix 3 for the FAA's recommendations on how to conduct an effective flight review.

• Upgrade your pilot or flight instructor certificate

The FAA does not specify which aircraft a candidate must use for the flight review (however, this might change in the future). With this in mind, this would be a prime opportunity to get that instrument rating, sea rating, multi-engine rating, glider license, or helicopter license. Any checkride meets the requirements of a flight review, so the sky's the limit! The FAA also states the flight review requirements can be accomplished in combination with other recency requirements: interpreted, this means candidates can become night current, instrument current, or tailwheel current (keep in mind that additional tasks will be added to meet both requirements).

This is the suggested route for those who are flying frequently, have little rust on their skills, and who are looking to expand their flying horizons. Again, safety is the main issue, and careful consideration should be taken before deciding which aircraft will be used. The NTSB suggests taking the flight review in the aircraft most frequently flown, or the most complicated aircraft for which you are rated.

• The WINGS Program

A person who has satisfactorily completed one or more phases of an FAA-sponsored pilot proficiency award program (the WINGS Program) meets the requirements of a flight review. This program was developed as a way to promote proficiency and safety, while providing a motivation for pilots to do so. What pilot doesn't feel satisfaction with an earned pair of wings?

It's a great program that gives pilots the opportunity to attend FAA safety seminars, participate in online courses — and be rewarded for meeting the regulatory requirements. See Appendix 4 and visit www.faasafetv.gov for more information on the WINGS Program.

Conduct of the Flight Review

Although the regulation (14 CFR §61.56, see Appendix 1) does not specify which maneuvers should be included in a flight review, the FAA has provided some guidance to include suggested procedures. Ultimately the contents of a flight review are at the discretion of the flight instructor, but for a consistent and thorough check, consult AC 61-98D (see Appendix 2), and the FAA's Guidance Document: "Conducting an Effective Flight Review" (see Appendix 3).

1 Introduction

The flight review should be conducted in an efficient manner, meeting the 1 hour ground and 1 hour flight requirement, without being excessive.

The following FAA documents are used as references throughout the book. Be sure to use the latest revision of each document when preparing for your flight review:

14 CFR Part 43	Maintenance, preventive maintenance, rebuilding, and alteration
14 CFR Part 61	Certification: Pilots, flight instructors, and ground instructors
14 CFR Part 68	Requirements for Operating Certain Small Aircraft Without a Medical Certificate
14 CFR Part 91	General operating and flight rules
14 CFR Part 107	Operation and Certification of Small Unmanned Aircraft Systems
NTSB Part 830	Notification and reporting of aircraft accidents and incidents
AC 00-6A	Aviation Weather
AC 00-45	Aviation Weather Services
AC 00-54	Pilot Windshear Guide
AC 61-134	General Aviation Controlled Flight Into Terrain Awareness
AC 68-1	BasicMed
AC 91-73	Parts 91 and 135 Single Pilot, Flight School Procedures During Taxi Operations
AC 91-78	Use of Class 1 or 2 Electronic Flight Bag (EFB)
AC 107-2	Small Unmanned Aircraft Systems (sUAS)
FAA-H-8083-2	Risk Management Handbook
FAA-H-8083-3	Airplane Flying Handbook
FAA-H-8083-9	Aviation Instructor's Handbook
FAA-H-8083-15	Instrument Flying Handbook
FAA-H-8083-16	Instrument Procedures Handbook
FAA-H-8083-19	Plane Sense: General Aviation Information

FAA-H-8083-25 Pilot's Handbook of Aeronautical Knowledge

Order 8900.1 Flight Standards Information Management System

(FSIMS)

AIM Aeronautical Information Manual

FAA Recreational Flyers & Modeler Community-Based

Organizations (faa.gov/uas/recreational fliers)

TSA Transportation Security Administration (tsa.gov)

Reader Resources

See also the Reader Resource page on the ASA website at www.asa2fly.com/reader/oegbfr for more related materials to supplement or update the information in this book.

Candidate Information

1. Who must take the flight review?

All pilots who wish to exercise their pilot-in-command (PIC) privilege and do not meet the exemptions listed below. A pilot would be in violation of 14 CFR §61.56 if he/she acts as pilot-incommand after the expiration date of the flight review.

2. What procedures would exempt a pilot from the flight review requirement?

The following serve as exemptions from the flight review:

- 14 CFR §61.58 pilot proficiency check.
- 14 CFR Part 121 pilot proficiency check.
- 14 CFR Part 135 pilot proficiency check.
- 14 CFR Part 141 chief pilot proficiency check.
- Military pilot proficiency check.
- Any proficiency check administered by the FAA.
- · Pilot examiner annual flight check.
- Checkride for any certificate or rating.
- Procedures specifically authorized by the FAA.
- Satisfactory completion of any phase of the FAA WINGS program.

3. Who can issue a flight review?

Any current flight instructor or other person designated by the FAA.

4. Is the FAA notified of an unsuccessful flight review?

No. The logbook endorsement states only satisfactory completion of the flight review. If the person issuing the flight review does not give the pilot the required endorsement, that pilot has the option of getting some dual instruction in the inadequate areas, or taking the flight review with another flight instructor.

5. Can an instrument proficiency check (IPC) serve as a flight review?

No. By itself, the instrument proficiency check serves only that purpose; however, the two functions can be combined in the same flight. This calls for meeting both requirements and 2 separate endorsements for the proficiency check and the flight review.

6. Do student pilots require a flight review?

No. Flight reviews are required only by pilots holding a sport, recreational, private, commercial, flight instructor, or airline transport pilot certificate.

7. Why are flight reviews required?

The purpose of the flight review is to assess a pilot's skills in performing a *safe* flight.

8. A pilot's last flight review was completed on 3-22-19. When will it expire?

Flight reviews are current for 24 calendar months. This flight review would expire 3-31-21, or the last day of the month.

9. If a pilot has not had a flight review for more than two years, is his/her pilot certificate invalid?

No. Pilot certificates are issued for life, or until surrendered, suspended or revoked. Without a current flight review, however, the pilot may not act as PIC of an aircraft.

10. Can a pilot fly solo (be the sole occupant of the airplane) without a current flight review?

No. Solo flight requires the pilot to act as PIC which is illegal without a current flight review.

11. Does a pilot have to possess a current medical certificate to satisfactorily complete a flight review?

No. But the pilot may not act as PIC, either during the flight review or any time thereafter, until medical eligibility has been obtained. This is a driver's license for sport pilot, BasicMed

FLIGHT REVIEW

For Pilots & Instructors

COMPLETE PREPARATION FOR ISSUING OR TAKING A FLIGHT REVIEW INCLUDING BOTH THE GROUND AND FLIGHT REQUIREMENTS

With excerpts from Michael Hayes' popular *Oral Exam Guide* series, this *Guide* to the *Flight Review* is an excellent study tool for applicants and instructors alike, arranged in a question-and-answer format. Use when you're gearing up for a Flight Review, as well as for a general refresher! Other Oral Exam Guides available from ASA...

- Private Pilot
- Instrument Pilot
- Commercial Pilot
- Multi-Engine Pilot
- Flight Instructor
- Airline Transport Pilot
- Helicopter Pilot
- Aircraft Dispatcher
- Aviation Maintenance Technician



Aviation Supplies & Academics, Inc. 7005 132nd Place SE Newcastle, Washington 98059-3153 asa2fly.com | 425-235-1500 TRANSPORTATION USD \$12.95

ISBN 978-1-61954-923-4

5 1295 >

9 781619 549234