

THE

DUPLICATE

cherokee **WARRIOR**

PILOT'S OPERATING MANUAL



BY



This manual is incomplete without an APPROPRIATE FAA APPROVED AIRPLANE FLIGHT MANUAL and an APPROPRIATE WEIGHT AND BALANCE REPORT

DUPLICATE

WARNING

EXTREME CARE MUST BE EXERCISED TO LIMIT THE USE OF THIS MANUAL TO APPLICABLE AIRCRAFT. THIS MANUAL REVISED AS INDICATED BELOW OR SUBSEQUENTLY REVISED IS VALID FOR USE WITH THE AIRPLANE IDENTIFIED BELOW WHEN APPROVED BY PIPER AIRCRAFT CORPORATION. SUBSEQUENT REVISIONS SUPPLIED BY PIPER AIRCRAFT CORPORATION MUST BE PROPERLY INSERTED.

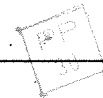
MODEL PA-28-151

AIRCRAFT SERIAL NO. 28-7515420 REGISTRATION NO. _____

PILOT'S OPERATING MANUAL, PART NUMBER 761 563 REVISION 14

PIPER AIRCRAFT CORPORATION
APPROVAL SIGNATURE AND STAMP

Gene J. Conn



Assurance that the airplane is in an airworthy condition is the responsibility of the owner. The pilot in command is responsible for determining that the airplane is safe for flight. The pilot is also responsible for remaining within the operating limitations outlined by the Airplane Flight Manual, instrument markings, and placards.

This Pilot's Operating Manual is not designed as a substitute for adequate and competent flight instruction, knowledge of the current airworthiness directives, applicable federal air regulations, or advisory circulars. It is not intended to be a guide for basic flight instruction or a training manual for transition from single to multi-engine flying.

If an inconsistency of information exists between the Pilot's Operating Manual and the Airplane Flight Manual approved by the FAA, the Airplane Flight Manual shall be the authority.

A complete or partial replacement of this manual, Part No. 761 563, may be obtained only from Piper Customer Services.

Published by
PUBLICATIONS DEPARTMENT
Piper Aircraft Corporation
761 563
Issued: July 1973

APPLICABILITY

This manual is applicable to Piper Model PA-28-151 aircraft having serial numbers 28-7415001 through 28-7615435. Contact Piper Customer Services for specific information on the application of this manual.

REVISIONS

The information compiled in the Pilot's Operating Manual will be kept current by revisions distributed to the airplane owners.

Revision material will consist of information necessary to update the text of the present manual and/or to add information to cover added airplane equipment.

I. Revisions

Revisions will be distributed whenever necessary as complete page replacements or additions and shall be inserted into the manual in accordance with the instructions given below:

1. Revision pages will replace only pages with the same page number.
2. Insert all additional pages in proper numerical order within each section.
3. Page numbers followed by a small letter shall be inserted in direct sequence with the same common numbered page.

II. Identification of Revised Material

Revised text and illustrations shall be indicated by a black vertical line along the left hand margin of the page, opposite revised, added or deleted material. A line opposite the page number or section title and printing date, will indicate that the text or illustration was unchanged but material was relocated to a different page or that an entire page was added.

Black lines will indicate only current revisions with changes and additions to or deletions of existing text and illustrations. Changes in capitalization, spelling, punctuation or the physical location of material on a page will not be identified by symbols.

III. Original Pages Issued

The original pages issued for this manual prior to revision are given below:

1-1 through 1-3, 2-1 through 2-19, 3-1 through 3-12, 4-1 through 4-6, 5-1 through 5-28, 7-1 through 7-10, 8-1 through 8-2, 9-1 through 9-12, 10-1 through 10-17.

PILOT'S OPERATING MANUAL LOG OF REVISIONS

Current Revisions to the PA-28-151 Cherokee Warrior Pilot's Operating Manual, 761 563, issued July 17, 1973.

Revision	Revised Pages	Description	Date
Rev. 1 - 761 563 (PR730801)	AFM	Added Rev. 1 to Report VB-573	Aug. 1, 1973
Rev. 2 - 761 563 (PR730830)	AFM W/B	Added Rev. 2 to Report VB-573 Added Rev. 1 to Report VB-535	Aug. 30, 1973
Rev. 3 - 761 563 (PR740125)	1-1 2-10 4-6 W/B 7-i 7-5 7-9 7-10 7-11 8-1 9-2	Revised Weights Revised overvoltage relay reset time. Revised Alternator Failure Item 3. Added Rev. 2 to Report VB-535 Added Airspeed Data; revised ELT. Revised Takeoff - Short Field, Soft Field Added Airspeed Data; relocated ELT to Page 7-10. Added ELT from Page 7-9; moved info to Page 7-11. Added Page. Revised Item 6. Revised Takeoff Distance Vs Density Attitude Chart.	Jan. 25, 1974
Rev. 4 - 761 563 (PR740531)	ii iii A F/M W/B	Added PAC Approval Form. Added Applicability and Item III. Original Pages Issued. Added Rev. 3 to Report: VB-573. Added Rev. 3 to Report: VB-535. (NOTE: AIRCRAFT DELIVERED WITH MANUALS PRIOR TO THIS REVISION DO NOT REQUIRE THIS REVISION)	May 31, 1974
Rev. 5 - 761 563 (PR740614)	1-2 2-10 2-11 2-11a 2-12 2-12a 2-13 2-14 A F/M W/B	Revised Dimensions; revised Wheel Base. Added annunciator panel and footnote. Revised Alternator and Starter Schematic. Added Alternator Starter Schematic. Relocated Circuit Breaker Panel illustration. Added page. Added Annunciator Panel information and footnote. Revised instrument panel illustration. Added Rev. 4 to Report VB-573. Added Rev. 3 to Report VB-535.	June 14, 1974

PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)

Revision	Revised Pages	Description	Date
Rev. 5 (cont)	7-4	Added Annunciator Panel check to Ground Check; added footnote.	
	7-7	Revised Maneuvers info.	
	7-8	Added Maneuvers info; revised Approach and Landing info.	
	8-1	Revised Item 6; added footnote.	
	9-i	Revised Index.	
	9-2	Revised Takeoff Chart.	
	9-3	Revised Climb Chart.	
	9-4	Revised Engine Chart.	
	9-5	Revised Airspeed (Power) Chart.	
	9-6	Revised Airspeed (Economy) Chart.	
	9-7	Revised Range (Power) Chart.	
	9-8	Revised Range (Economy) Chart.	
	9-11	Revised Glide Chart.	
9-12	Revised Landing Chart.		
Rev. 6 - 761 563 (PR750117)	A F/M	Added Rev. 5 to Report VB-573.	Jan. 17, 1975
	W/B	Added Rev. 5 to Report VB-535.	
	7-10	Revised ELT info.	
	8-2	Added item 11.	
Rev. 7 - 761 563 (PR750714)	1-1	Revised Empty Weight and Useful Load.	July 14, 1975
	2-1	Deleted info. (AIRFRAME)	
	2-6	Revised aileron info; added centering spring effectivity.	
	2-7	Revised fuel tank info; added ser. no. eff.; added fuel manifold effectivity.	
	2-8	Added ser. nos. effectivity to illustration.	
	2-8a	Added page (fuel system illustration).	
	2-8b	Added page.	
	2-12	Added callout.	
	2-14	Added Engine Hour Meter; revised callouts.	
	A F/M	Added Rev. 6 to Report VB-573.	
	W/B	Added Rev. 6 to Report VB-535.	
	7-8	Revised Approach and Landing Flaps - set speed; added footnote.	
	7-9	Revised Airspeed Correction table.	
	8-1	Revised item 3 (Flap Speed); revised item 8 (Fuel Warning Tip); added footnote.	
10-9	Revised Draining Fuel Valve and Lines info; added fuel manifold effectivity.		
10-10	Revised Draining Fuel System info; added fuel manifold effectivity.		

PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)

Revision	Revised Pages	Description	Date
Rev. 8 - 761 563 (PR751201)	A F/M W/B 7-10	Added Rev. 7 to Report: VB-573. Added Rev. 7 to Report: VB-535. Revised ELT infor; relocated info to page 7-11.	Dec. 1, 1975
Rev. 9 - 761 563 (PR760416)	7-11 8-1 1-2 A F/M 7-5 7-6 7-8 8-2 10-i 10-9 10-10 10-11	Added info from page 7-10. Revised item 8. Revised Fuel Specifications. Added Rev. 8 to Report: VB-573. Added note. Revised Cruising info. Revised Approach and Landing item 5. Added items 12, 13 and 14. Revised page nos. for Filling Fuel Tanks, Draining Fuel Valves and Lines, Draining Fuel System and Tire Inflation. Revised Fuel Requirements; relocated Filling Fuel Tanks to page 10-10; revised Draining Fuel Valves and relocated to page 10-10. Added information from page 10-9 and revised and relocated Draining Fuel System to page 10-11; relocated Tire Inflation info to page 10-11. Added info from page 10-10.	April 16, 1976
Rev. 10 - 761 563 (PR760720)	2-i 2-14 W/B 7-10 7-11	Deleted Winterization Plate. Deleted item 21 on Instrument Panel; revised callout nos. Added Rev. 8 to Report: VB-535. Revised pilot's remote switch description; added info from page 7-11; moved info to page 7-11. Added info from page 7-10; moved info to page 7-10.	July 20, 1976
Rev. 11 - 761 563 (PR770603)	A F/M 7-3 7-11	Added Rev. 9 to Report: VB-573. Revised Starting Engine When Flooded. Revised ELT Note.	June 3, 1977
Rev. 12 - 761 563 (PR771021)	iii A F/M W/B	Added Applicable Serial Numbers. Added Rev. 10 to Report: VB-573. Added Rev. 9 to Report: VB-535. (NOTE: AIRCRAFT DELIVERED WITH MANUALS PRIOR TO THIS REVISION DO NOT REQUIRE THIS REVISION.)	Oct. 21, 1977

PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)

Revision	Revised Pages	Description	Date
Rev. 13 - 761 563 (PR790406)	2-9 2-10 2-15 W/B 7-10 10-11	Added Warning; relocated info. to pg. 2-10. Added info. from pg. 2-9. Added Caution Added Rev. 10 to Report: VB-535. Revised ELT info. Added Caution	April 6, 1979
Rev. 14 - 761 563 (PR881107)	AF/M W/B 7-3 9-ii 10-8 10-12	Added Rev. 11 to Report: VB-573. Added Rev. 11 to Report: VB-535. Revised Starting Engine When Hot and Starting Engine When Flooded. Added Warning. Revised Oil Requirements. Revised Facts You Should Know.	November 7, 1988

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