

THE

DUPLICATE

cherokee **ARCHER**

PILOT'S OPERATING MANUAL



BY



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

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-28-180

AIRCRAFT SERIAL NO. 28-7505241 REGISTRATION NO. SE-GLC

PILOT'S OPERATING MANUAL, PART NUMBER 761 556 REVISION 8

PIPER AIRCRAFT CORPORATION
APPROVAL SIGNATURE AND STAMP



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. 761 556, may be obtained only from Piper Customer Services.

Published by
PUBLICATIONS DEPARTMENT
Piper Aircraft Corporation
761 556
Issued: July 1973

APPLICABILITY

This manual is applicable to Piper Model PA-28-180 aircraft having serial numbers 28-7405001 through 28-7505259. 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 2-18, 3-1 through 3-18. 4-1 through 4-6. 5-1 through 5-27. 7-1 through 7-10. 8-1 through 8-2, 9-1 through 9-10. 10-1 through 10-15.

PILOT'S OPERATING MANUAL LOG OF REVISIONS

Current Revisions to the PA-28-180 Cherokee Archer Pilot's Operating Manual, 761 556, issued July 9, 1973.

Revision	Revised Pages	Description	Date
Rev. 1 - 761 556 (PR731106)	2-8	Revised Overvoltage Relay reset time.	Nov. 6, 1973
	4-6	Revised Alternator Failure Item 3.	
	W/B	Added Rev. 1 to Report: VB-547	
	7-7	Added Airspeed Data; Relocated E.L.T.	
	7-8	Added E.L.T.; Relocated Air Conditioning and Air Conditioner Operational Check Procedure.	
	7-9	Added Air Conditioning; Relocated Air Conditioner Effects on Airplane Performance.	
	7-10	Added Air Conditioner Operational Check Procedure and Air Conditioner Effects on Airplane Performance.	
	7-11	Added page.	
	7-12	Added page.	
	8-1	Revised item 6.	
Rev. 2 - 761 556 (PR740530)	ii	Added PAC Approval Form.	May 30, 1974
	iii	Added Applicability and Item III. Original Pages Issued.	
	A F/M W/B	Added Rev. 1 to Report: VB-558. Added Rev. 2 to Report: VB-547. (NOTE: AIRCRAFT DELIVERED WITH MANUALS PRIOR TO THIS REVISION DO NOT REQUIRE THIS REVISION.)	
Rev. 3 - 761 556 (PR740617)	2-8	Added Annunciator Panel information and footnote.	June 17, 1974
	2-8a	Added page (added material from page 2-8).	
	2-9	Relocated page (Alternator-Starter Schematic).	
	2-9a	Added page (Alternator-Starter Schematic).	
	2-11	Added Annunciator Panel information and footnote.	
	2-12	Revised Instrument Panel illustration.	
	2-16	Added Seat Removal instructions.	
	A F/M W/B	Added Rev. 2 to Report: VB-558. Added Rev. 3 to Report: VB-547.	
	7-4	Added Annunciator Panel check to Warm-up and Ground Check; added footnote.	
	8-1	Revised item 6: added footnote.	
	8-2	Relocated material from page 8-1.	

PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)

Revision	Revised Pages	Description	Date
Rev. 3 (cont)	9-i 9-2 9-3 9-4 9-5 9-6 9-7 9-8 9-9 9-10 10-11	Revised Performance Charts Index. Revised Takeoff Chart. Revised Climb Chart. Revised Range Chart. Revised Engine Chart. Revised Airspeed Chart. Revised Stall Speed vs Weight Chart. Revised Stall Speed vs Angle of Bank Chart. Revised Glide Chart. Revised Landing Chart. Revised Battery Service.	
Rev. 4 - 761 556 (PR750120)	1-2 2-1 AF/M W/B 7-4 7-8 8-2 10-8	Added 0-360-A4M engine designation and footnote. Added 0-360-A4M engine designation and footnote. Added Rev. 3 to Report: VB-558. Added Rev. 4 to Report: VB-547. Added new item 9.; revised existing item nos. under TAKEOFF. Revised ELT info. Added item 11. Added 0-360-A4M engine designation under Oil Requirements.	Jan. 20, 1975
Rev. 5 - 761 556 (PR751121)	iii 1-1 1-2 2-1 AF/M W/B 8-1 9-4 9-6	Added concluding ser. no. to Applicability. Revised Cruise Speed and Range figures; revised Empty Weight and Useful Load; deleted footnote. Deleted footnote. Revised Airframe info; deleted footnote. Added Rev. 4 to Report: VB-558. Added Rev. 5 to Report: VB-547. Revised item 8 (Fuel Warning Tip). Revised Cruise Performance - Range chart. Revised Cruise Performance - True Airspeed chart.	Nov. 21, 1975
Rev. 6 - 761 556 (PR790326)	2-8 2-8a 2-14 W/B 7-2 7-8,7-9	Added Warning. Added info. Added Caution. Added Rev. 6 to Report: VB-547. Revised items. Revised ELT info.	March 26, 1979

PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)

Revision	Revised Pages	Description	Date
Rev. 7 - 761 556 (PR840316)	1-2 2-16 A F/M W/B 7-1 7-4 9-i 10-1 10-9 10-11 10-12, 10-13	Revised fuel and oil. Revised para. Added Rev. 5 to Report VB-558. Added Rev. 7 to Report VB-547. Added to preflight. Added to text info. Added Warning. Added to text info. Added text info. Revised para. Revised preventive maintenance info.	March 16, 1984
Rev. 8 - 761 556 (PR900320)	10-7 10-8 10-11, 10-12 10-13	Relocated info. from p. 10-8. Moved info. to p. 10-7. Revised para. Revised para. Revised para.	March 20, 1990