

THE

DUPLICATE

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# cherokee **CRUISER** and **FLITE LINER**

PILOT'S OPERATING MANUAL

REV 16



BY



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

**WARNING**

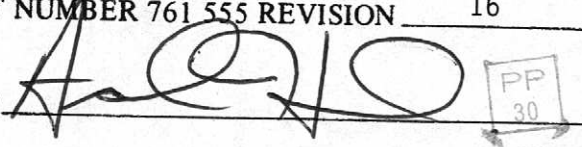
EXTREME CARE MUST BE EXERCISED TO LIMIT THE USE OF THIS MANUAL TO APPLICABLE AIRCRAFT. THIS MANUAL REVISED AS INDICATED BELOW OR SUBSEQUENTLY REVISED IS VALID FOR USE WITH THE AIRPLANE IDENTIFIED BELOW WHEN APPROVED BY PIPER AIRCRAFT CORPORATION. SUBSEQUENT REVISIONS SUPPLIED BY PIPER AIRCRAFT CORPORATION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

MODEL PA-28-140

AIRCRAFT SERIAL NO. 28-7625122 REGISTRATION NO. \_\_\_\_\_

PILOT'S OPERATING MANUAL, PART NUMBER 761 555 REVISION 16

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. 761 555, may be obtained only from Piper Customer Services.

Published by  
PUBLICATIONS DEPARTMENT  
Piper Aircraft Corporation  
761 555

Issued: July 1973

## APPLICABILITY

This manual is applicable to Piper Model PA-28-140 aircraft having serial numbers 28-7425001 through 28-7625275. 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 1-4, 2-1 through 2-18, 3-1 through 3-18, 4-1 through 4-6, 5-1 through 5-32, 7-1 through 7-11, 8-1 through 8-2, 9-1 through 9-11, 10-1 through 10-15.

## PILOT'S OPERATING MANUAL LOG OF REVISIONS

Current Revisions to the PA-28-140 Cherokee Cruiser Pilot's Operating Manual, 761 555, issued July 6, 1973.

Revision	Revised Pages	Description	Date
Rev. 1 - 761 555 (PR731022)	1-1	Changed Instructional Power Cruise Speed from 50% to 60%.	Oct. 22, 1973
	W/B	Added Rev. 1 to Report: VB-546.	
	9-4	Added "Best Economy Mixture".	
	9-5	Revised type size.	
	9-6	Removed NOTE.	
	9-7	Removed NOTE.	
Rev. 2 - 761 555 (PR740529)	ii	Added PAC Approval Form.	May 29, 1974
	iii	Added Applicability and Item III. Original Pages Issued.	
	A F/M W/B	Added Rev. 1 to Report: VB-557. Added Rev. 2 to Report: VB-546. (NOTE: AIRCRAFT DELIVERED WITH MANUALS PRIOR TO THIS REVISION DO NOT REQUIRE THIS REVISION.)	
Rev. 3 - 761 555 (PR740613)	Title	Added Flite Liner.	June 13, 1974
	2-1	Added reference to Flite Liner to The Airplane; relocate info to page 2-2.	
	2-2	Added info from page 2-1.	
	2-8	Added annunciator panel info and foot - note; relocated info to page 2-11.	
	2-9	Revised Alternator and Starter Schematic.	
	2-9a	Added page (Alternator and Starter Schematic).	
	2-10	Relocated page.	
	2-11	Relocated page; added info from page 2-8; added annunciator panel to Vacuum System and Instrument Panel; added footnote.	
	2-12	Relocated page; added annunciator panel.	
	2-12a	Added page.	
	A F/M	Added Rev. 2 to Report: VB-557.	
	4-6	Revised Alternator Failure, item 3.	
	W/B	Added Rev. 3 to Report: VB-546.	
	7-i	Added Airspeed Data and revised page nos.	
	7-4	Added annunciator panel and footnote.	
7-5	Revised Stall info; deleted stall table; added Cruising info from page 7-6; revised Cruising info; revised stall info.		
7-6	Relocate Cruising to page 7-5; added Approach-and Landing info from page 7-7.		

**PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)**

Revision	Revised Pages	Description	Date
Rev. 3 (cont)	7-7	Added Airspeed Data; relocated Approach and Landing info to page 7-6.	
	8-1	Revised item 6. (added annunciator); added footnote; relocated info from item 8. to page 8-2.	
	8-2	Added info from page 8-1.	
	9-i	Revised chart nomenclature.	
	9-2	Revised Takeoff chart.	
	9-3	Revised Climb chart.	
	9-4	Revised Power chart.	
	9-5	Revised Cruise chart.	
	9-6	Revised Range chart (36 gal).	
	9-7	Revised Range chart (50 gal).	
	9-8	Revised Glide chart.	
	9-9	Revised Stall chart (weight).	
9-10	Revised Stall chart (angle of bank).		
9-11	Revised Landing chart.		
Rev. 4 - 761 555 (PR741101)	1-2	Revised footnote.	Nov. 1, 1974
	A F/M	Added Rev. 3 to Report: VB-557.	
	W/B	Added Rev. 4 to Report: VB-546.	
	7-4	Added new item 9. and revised existing item nos. under Takeoff.	
	8-2	Added item 11.	
Rev. 5 - 761 555 (PR750121)	2-16	Revised Stall Warning description.	Jan. 21, 1975
	W/B	Added Rev. 5 to Report: VB-546.	
	7-10	Revised Operating Instructions for Emergency Locator Transmitter; relocated material to page 7-11.	
	7-11	Added material relocated from page 7-10.	
Rev. 6 - 761 555 (PR750516)	1-2	Revised Empty Weight and Useful Load.	May 16, 1975
	W/B	Added Rev. 6 to Report: VB-546.	
	8-1	Relocated item 8. (fuel tip) to page 8-2.	
	8-2	Added and revised item 8. (fuel tip).	
Rev. 7 - 761 555 (PR750718)	2-1	Deleted info (AIRFRAME).	July 18, 1975
	2-10	Added callout.	
	2-12	Added Engine Hour Meter; revised callouts.	
	W/B	Added Rev. 7 to Report: VB-546.	



**PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)**

Revision	Revised Pages	Description	Date
Rev. 8 - 761 555 (PR751127)	A F/M W/B 7-11 8-2	Added Rev. 4 to Report: VB-557. Added Rev. 8 to Report: VB-546. Revised ELT info. Revised item 8.	Nov. 27, 1975
Rev. 9 - 761 555 (PR760419)	1-2 A F/M 7-4 7-5 7-6 8-2 10-i  10-8 10-9 10-10 10-11 10-12 10-13 10-14	Revised Fuel Specifications. Added Rev. 5 to Report: VB-557. Added Note. Revised Cruising Info. Revised Approach and Landing item 2. Added items 12, 13, 14. Revised page nos. for Filling Fuel Tanks, Draining Fuel Valves and Lines, Facts You Should Know, and Required Service and Inspection Periods. Revised Fuel Requirements; relocated Filling Fuel Tanks to page 10-9. Added Fuel Grade Comparison Chart and info from page 10-8; relocated Draining Fuel Valves and Lines to page 10-10. Added info from page 10-9 and relocated Facts You Should Know to page 10-11. Added info from page 10-10 and relocated info to page 10-12. Added info from page 10-11 and relocated info to page 10-13. Added info from page 10-12. Revised Special Instruction No. 7.	April 19, 1976
Rev. 10 - 761 555 (PR760719)	W/B 7-10 7-11	Added Rev. 9 to Report: VB-546. Added info from page 7-11. Deleted info about Emergency Locator Transmitter. Moved info to page 7-10; revised pilot's remote switch description.	July 19, 1976
Rev. 11 - 761 555 (PR770603)	7-2 7-11	Revised Starting Engines When Hot. Revised ELT Note.	June 3, 1977
Rev. 12 - 761 555 (PR770930)	iii A F/M W/B	Added Applicable Serial Numbers. Added Rev. 6 to Report: VB-557. Added Rev. 10 to Report: VB-546. (NOTE: AIRCRAFT DELIVERED WITH MANUALS PRIOR TO THIS REVISION DO NOT REQUIRE THIS REVISION.)	Sept. 30, 1977

**PILOT'S OPERATING MANUAL LOG OF REVISIONS (cont)**

Revision	Revised Pages	Description	Date
Rev. 13 - 761 555 (PR790416)	2-8	Added Warning.	April 16, 1979
	2-14	Added Caution.	
	W/B	Added Rev. 11 to Report: VB-546.	
	7-10	Revised ELT info.	
	10-10	Added Caution; relocated info. to pg. 10-11.	
	10-11	Added info. from pg. 10-10.	
Rev. 14 - 761 555 (PR800522)	2-8	Revised Warning.	May 22, 1980
	W/B	Added Rev.12 to Report: VB-546.	
Rev. 15 - 761 555 (PR840713)	1-i	Revised General Specifications.	July 13, 1984
	1-2	Relocated Dimensions to pg. 1-3: revised fuel and Oil specification.	
	1-3	Added Dimensions from pg. 1-2.	
	2-6	Revised fuel info.	
	A F/M	Added Rev. 7 to Report: VB-557.	
	W/B	Added Rev. 13 to Report: VB-546.	
	7-1	Revised Preflight.	
	7-4,	Added ending serial number effectivity.	
	8-1		
	9-i	Added Warning.	
	10-8	Revised Fuel Requirements.	
	10-11	Revised Handling and Servicing (Facts You Should Know).	
	10-12	Revised Preventive Maintenance.	
	10-13	Deleted Preventive Maintenance info.; revised Required Service and Inspection Periods.	
	Rev. 16 - 761 555 (PR900316)	iv-c	
10-8		Revised Oil Requirements. Moved Fuel System to page 10-8a.	
10-8a		Added page. Revised and moved Fuel System from page 10-8.	
10-8b		Added page.	
10-9		Revised Fuel Grade Comparison Chart.	
10-11		Revised Handling and Servicing (Facts You Should Know).	
10-13		Revised Required Service and Inspection Periods.	

# **TABLE OF CONTENTS**

**GENERAL SPECIFICATIONS**

**DESCRIPTION - AIRPLANE AND SYSTEMS**

**AIRPLANE FLIGHT MANUAL F.A.A. APPROVED**

**EMERGENCY PROCEDURES F.A.A. APPROVED**

**EMERGENCY PROCEDURES**

**WEIGHT AND BALANCE**

**LOADING INSTRUCTIONS**

**OPERATING INSTRUCTIONS**

**OPERATING TIPS**

**PERFORMANCE CHARTS**

**HANDLING AND SERVICING**



# GENERAL SPECIFICATIONS

Performance .....	1-1
Weights .....	1-2
Power Plant .....	1-2
Fuel .....	1-2
Oil .....	1-2
Baggage .....	1-2
Dimensions .....	1-3
Landing Gear .....	1-3

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