

# ARCHER II

## PA-28-181

SE-KFM

# PILOT'S OPERATING HANDBOOK

DUPLICATE

AND

FAA APPROVED  
AIRPLANE FLIGHT MANUAL

AIRPLANE  
SERIAL 28-8190265

AIRPLANE  
REGIST. NO. N84014

PA-28-181  
REPORT: VB-1120 FAA APPROVED BY:

Ward Evans

DATE OF APPROVAL:  
JULY 2, 1979

WARD EVANS  
D.O.A. NO. 80-1  
PIPER AIRCRAFT CORPORATION  
VERO BEACH, FLORIDA

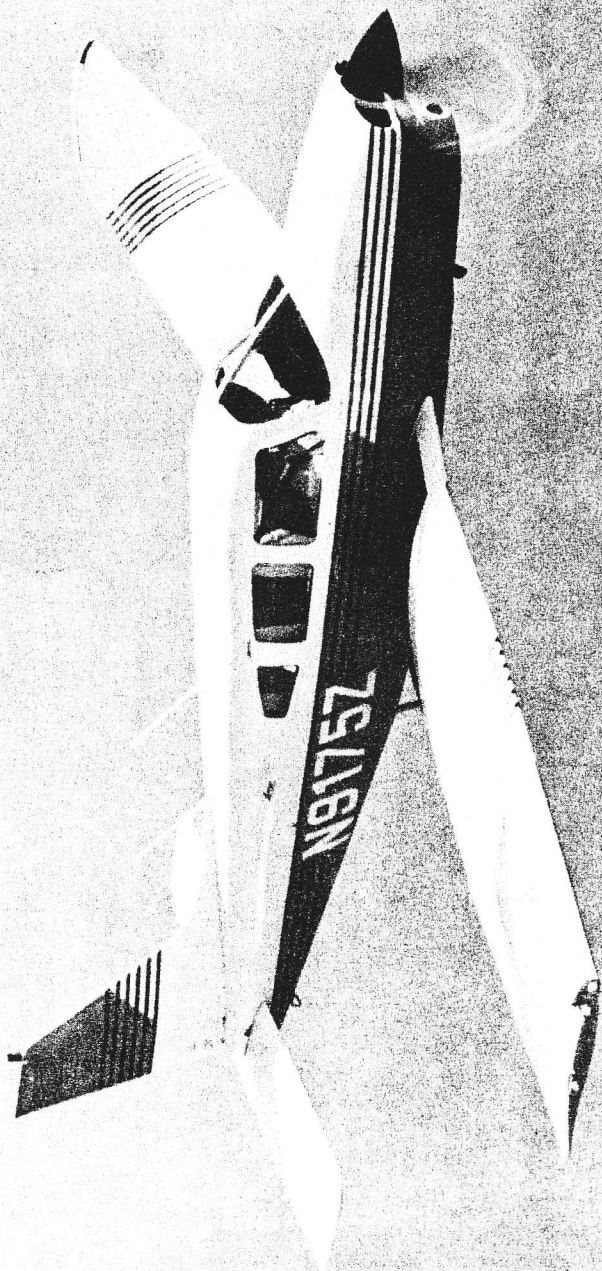
FAA APPROVED IN NORMAL AND UTILITY CATEGORIES BASED ON CAR 3. THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO BE FURNISHED TO THE PILOT BY CAR 3 AND CONSTITUTES THE APPROVED AIRPLANE FLIGHT MANUAL AND MUST BE CARRIED IN THE AIRPLANE AT ALL TIMES.



***WARNING***

**EXTREME CARE MUST BE EXERCISED TO LIMIT THE USE OF THIS HANDBOOK TO APPLICABLE AIRCRAFT. THIS HANDBOOK IS VALID FOR USE WITH THE AIRPLANE IDENTIFIED ON THE FACE OF THE TITLE PAGE. SUBSEQUENT REVISIONS SUPPLIED BY PIPER AIRCRAFT CORPORATION MUST BE PROPERLY INSERTED.**

Published by  
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Issued: July 2, 1979



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.

### **ORIGINAL PAGES ISSUED**

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

Title, ii through vii, 1-1 through 1-21, 2-1 through 2-10, 3-1 through 3-15, 4-1 through 4-21, 5-1 through 5-29, 6-1 through 6-43, 7-1 through 7-24, 8-1 through 8-18, 9-1 through 9-14, and 10-1 through 10-2.

## PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Current Revisions to the PA-28-181 Archer II Pilot's Operating Handbook,  
 REPORT: VB-1120 issued July 2, 1979.



Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 1 (PR800529)	1-3	Revised para. 1.7 (c).	
	2-3	Revised para. 2.7 (d) (8).	
	2-4	Revised para. 2.9 (a).	
	2-10	Added placards.	
	3-3	Revised wording.	
	3-10	Revised wording.	
	4-8	Corrected spelling.	
	4-11	Revised para 4.9.	
	4-20	Revised wording.	
	6-i	Revised Table of Contents.	
	6-6	Revised Figure 6-5.	
	6-12	Revised Figure 6-15.	
	6-12a thru	Added pages and added new info.	
	6-12d		
	6-13	Revised para. no.	
	6-22	Added item 97 b.	
	6-23	Added item 105.	
	6-25	Relocated items to pg. 6-26; added new item 145.	
	6-26	Relocated items to pg. 6-27; added new items 147, 149; re- numbered items.	
	6-27	Relocated items to pg. 6-28; renumbered items.	
6-28	Relocated items to pg. 6-29b and pg. 6-29a.		
6-29	Relocated items to pg. 6-29a.		
6-29a	Added new pg.; relocated items from pg. 6-29 and item 203 from pg. 6-28.		
6-29b	Added new pg. and new items 219, 227, 229.		

REPORT: VB-1120

## PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. I (cont)	6-29c	Added new pg. and new items 231 thru 241.	
	6-29d	Added new pg. and new item 243; relocated and renumbered items from pg. 6-30.	
	6-30	Relocated and renumbered items from pg. 6-31.	
	6-31	Relocated items from pg. 6-32; added new items 265 and 267.	
	6-32	Relocated item from pg. 6-33; renumbered items.	
	6-33	Relocated and renumbered items from pg. 6-34; added new item 285.	
	6-34	Renumbered items; added new items 289, 291, 295.	
	6-35	Renumbered items; relocated item to pg. 6-36; added item from pg. 6-34.	
	6-36	Renumbered items; relocated item to pg. 6-37.	
	6-37	Renumbered items; relocated item to pg. 6-38.	
	6-38	Renumbered items; relocated item from pg. 6-37.	
	6-39	Renumbered items.	
	6-41	Relocated item to pg. 6-42; added new item 429.	
	6-42	Relocated item to pg. 6-43; renumbered items; added items 431 and 433.	
	6-43	Added item from pg. 6-42.	
	7-i	Added para. 7.39 to Table of Contents.	
	7-20	Revised material.	
	7-24	Added para. 7.39.	

## PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)

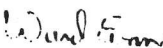
Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 1 (cont)	7-25 8-12 8-12a 8-12b  8-13 8-14 8-15 10-2	Added pg.; added new info. Revised para. 8.21 (a) (b). Added pg.; added new info. Added pg.; relocated material from pg. 8-12 and 8-13; added cautions and revised info. (c). Relocated info. to pg. 8-12; added info. from pg. 8-14. Relocated info. to pg. 8-13; added info. from pg. 8-15. Relocated info. to pg. 8-14. Added para. 10.3 (j).	 Ward Evans May 29, 1980
Rev. 2 (PR800822)	9-i  9-15 thru 9-18	Added supplement 5 and pages Added supplement 5 (Century 21 Autopilot).	 Ward Evans Aug. 22, 1980
Rev. 3 (PR810114)	Title ii 2-3 2-4 3-i 3-6 3-7 3-8	Revised approval. Revised warning. Revised para. 2.7 (d) (6). Revised para. 2.9 (c). Changed para. 3.23 title, page nos. Changed alternator failure to electrical failures; add info., moved info. to pg. 3-7. Relocated info. from pg. 3-6; moved info. to pg. 3-8. Relocated info. from pg. 3-7.	

## PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 3(cont)	3-13	Revised, retitled para. 3.23 with added info.	
	3-14	Added para. 3.24; moved para. 3.25 and 3.27 to pg. 3-15, and para. 3.29 to pg. 3-16.	
	3-15	Relocated para. 3.25 and 3.27 from pg. 3-14; moved para. 3.31 to pg. 3-16.	
	3-16	New page, relocated para. 3.29 from pg. 3-14 and para. 3.31 from pg. 3-15.	
	3-17	New page, added relocated info.	
	6-19	Added item 61.	
	6-29a	Added item 204.	
	6-31	Revised item 267.	
	6-33	Added item 274; revised item 275; moved items 283 and 285 to pg. 6-34.	
	6-34	Relocated items 283 and 285 from pg. 6-33; moved items 291 thru 295 to pg. 6-35.	
	6-35	Relocated items 291 thru 295 from pg. 6-34; moved items 301 and 303 to pg. 6-36.	
	6-36	Relocated items 301 and 303 from pg. 6-35; moved item 309 to pg. 6-37.	
	6-37	Relocated item 309 from pg. 6-36; moved items 317 and 319 to pg. 6-38.	
	6-38	Relocated items 317 and 319 from pg. 6-37; moved item 327 to pg. 6-39.	
	6-39	Relocated item 327 from pg. 6-38; moved items 333 thru 337 to pg. 6-40.	



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

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 3(cont)	6-40  6-41  6-42  6-43  6-44  7-7 7-10 7-11 7-12 7-13 7-20 9-i 9-15 thru 9-18 thru 9-20	Relocated items 333 thru 337 from pg. 6-39; moved items 409 thru 417 to pg. 6-41. Relocated items 409 thru 417 from pg. 6-40; moved items 423 thru 429 to pg. 6-42. Relocated items 423 thru 429 from pg. 6-41; moved items 435 thru 441 to pg. 6-43. Relocated items 435 thru 441 from pg. 6-42; moved info. to pg. 6-44. New page; relocated info. from pg. 6-43. Revised para. 7.13. Revised para. 7.15. Revised figure 7-11. Cont. para. 7.15 revision. Cont. para. 7.15 revision. Revised para. 7.25. Added supplement 6. Retyped supplement 5.  Added supplement 6 (Piper Control Wheel Clock)	 Ward Evans Jan. 14, 1981
Rev. 4 (PR810625)	1-4 5-1 5-2  6-6 6-16	Revised para. 1.13. Moved info. to pg. 5-2. Relocated info. from pg. 5-1; added Warning. Revised Figure 6-5. Revised item 21.	



## PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 5 (cont)	4-15	Relocated para. 4.21 to pg. 4-16; added para. 4.17 info. from pg. 4-14.	
	4-16	Relocated para. 4.23 and para. 4.25 to pg. 4-17; added para. 4.21 from pg. 4-15; added Note; revised info.	
	4-17	Relocated para. 4.27 info. to pg. 4-18; added para. 4.23 and para. 4.25 from pg. 4-16.	
	4-18	Relocated para. 4.29 info. to pg. 4-19; relocated para. 4.31 to pg. 4-19 and pg. 4-20; added para. 4.27 info. from pg. 4-17.	
	4-19	Relocated info. to pg. 4-20; added para. 4.29 and para. 4.31 info. from pg. 4-18; revised para. 4.31.	
	4-20	Relocated para. 4.37 and para. 4.39 to pg. 4-21; added info. from pg. 4-18 and pg. 4-19.	
	4-21	Relocated para. 4.41 to pg. 4-22; added para. 4.37 and para. 4.39 from pg. 4-20.	
	4-22	Added pg. ; added para. 4.41 from pg. 4-21.	
	6-i	Revised Table of Contents.	
	6-13	Revised para. 6.11.	
	6-33	Relocated item 279 to pg. 6-34; renumbered old item 277; added new item 277.	
	6-34	Relocated item 289 to pg. 6-35; added item 279 from pg. 6-33.	

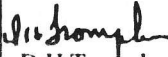
**PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)**

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 6 (cont)	9-21 thru 9-40 9-41 thru 9-66	Added new Supplement 7.  Added new Supplement 8.	<i>Ward Evans</i> Ward Evans July 21, 1982
Rev. 7 (PR821115)	1-12 thru 1-21 5-3 thru 5-7 7-12 7-13  8-2 8-3  8-4  8-5	Deleted para. 1.21 and pages  Revised para. 5.5.  Relocated info. from pg. 7-13. Moved info. to pg. 7-12, added Caution. Revised para. 8.3. Revised para. 8.3 and 8.5, relocated info. from pg. 8-4. Moved revised para. 8.5 to pg. 8-3, relocated info. from pg. 8-5. Moved info. to pg. 8-4.	<i>Ward Evans</i> Ward Evans Nov. 15, 1982
Rev. 8 (PR830720)	1-9 1-12 2-10  2-11  6-9 8-2 8-3 9-67 thru 9-70	Deleted MFA. Deleted pg. 1-12, para. 1.21. Moved fuel placards to pg. 2-11. Added new page (GAMA placard). Revised fig. 6-9. Revised para. 8.3. Revised para. 8.5. Added Supplement 9.	<i>Ward Evans</i> Ward Evans July 20, 1983

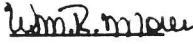

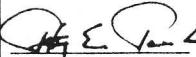
**PILOT'S OPERATING HANDBOOK LOG OF REVISIONS (cont)**

Revision Number and Code	Revised Pages	Description of Revision	FAA Approval Signature and Date
Rev. 9 (PR840629)	vii 1-3 1-7, 1-8 2-3 3-1 4-4, 4-6 4-11 4-15 5-29 6-1 6-2 6-5 6-16 7-3 7-8 7-10 7-14 7-21 8-12 10-i 10-1, 10-2	Revised Table of Contents. Revised para. 1.7. Revised item (b). Revised para. 2.7. Revised para. 3.1. Revised procedures. Revised para. 4.9. Revised para. 4.19. Revised Fig. 5-37. Revised para. 6.1. Revised para. 6.3. Revised para. 6.5. Revised item (b). Revised para. 7.7. Revised para. 7.13. Revised para. 7.15. Revised para. 7.17. Revised para. 7.33. Revised para. 8.21.	<i>Ward Evans</i> Ward Evans June 29, 1984
Rev. 10 (PR850705)	4-18 5-20 thru 5-25 7-7 7-9  7-10 7-20	Added info. to para. 4.27. Revised charts.  Revised para. 7.11. Relocated info. from pg. 7-10. Added info. to para. 7.15. Added info. to para. 7.25.	<i>D.H. Trompler</i> D.H. Trompler Sept. 16, 1985
Rev. 11 (PR861020)	9-i 9-71 thru 9-76	Revised Table of Contents. Added Supplement 10. (Aux. Vac. System)	<i>D.H. Trompler</i> D.H. Trompler <u>12/3/86</u> Date

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

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 12 (PR881215)	8-1	Revised para. 8.1.	 D.H. Trompler Jan. 10, 1989
	8-2	Revised para. 8.1 and 8.3.	
	8-3	Revised para. 8.3.	
	8-12	Revised para. 8.19.	
	9-i	Added Supplement 10 to T.O.C.	
	9-9	Revised Section 3, para. (a).	
	Rev. 13 (PR900202)	vi-j	
1-6 &		Revised para. 1.19.	
1-7			
4-6		Revised para. 4.5.	
5-4		Revised para. 5.5.	
6-10		Revised fig. 6-11.	
6-12b		Revised para. 6.9.	
6-12c		Added fig. 6-17 title.	
7-24		Moved para. 7.39 to pg. 7-26.	
7-25		Revised para. 7.37. Added Narco ELT 910 information.	
7-26		Added page. Relocated para. 7.39 from pg. 7-24. Revised para. 7.39.	
8-12		Revised para's. 8.19 & 8.21.	
8-12a		Revised Fuel Grade Chart.	
9-5		Added Sec. 6 & 7.	
9-10		Revised Preflight (h)(1).	
9-35		Revised item 10.	
9-37	Revised item 4.		
9-53	Removed text.		
9-54	Revised item 13.		
9-61	Revised item 10.		

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

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 14 (PR930107)	vi-k vi-l 9-i  9-77	Added log of revision page Added log of revision page Added Supplement 11 to T.O.C. Added Supplement 11	 W. R. MOREU Jan. 07, 1993
Rev. 15 (PR940329)	7-i 7-26  7-26  7-27 7-28	Revised T.O.C. Relocated para. 7.39 from pg. 7-26 to page 7-27 Revised para. 7.37 added ELT info. Added page. Added Page.	 W. R. MOREU March 29, 1994
Rev. 16 (PR980402)	vi-k 2-3 3-6 7-9 7-10 9-75	Added Rev. 16 to L of R. Revised Para. 2.7. Revised Para. 3.3. Revised Fig. 7-9. Revised Para. 7.15. Revised illustration.	 PETER E. PECK April 2, 1998

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