

Errata Sheet**Introduction**

Retain this page and maintain with Pilot's Guide until further notice. Information contained in this errata sheet supplements publications and software listed below.

Software Affected

Part No. 530-00170-000, Rev 01

Part No. 530-00170-002, Rev 00

Part No. 530-00180-000, Rev 00

Part No. 530-00180-002, Rev 00

Publication Affected

FlightMax EX5000 Pilot's Guide Part No. 600-00105-000

FlightMax EX5000 Pilot's Guide Part No. 600-00121-000

Note: The EX5000's software part and revision number are displayed on the screen during system startup.

"EX5000 Caution Event" Information**Description**

The EX5000 continuously monitors the performance of all functions displayed. In the unlikely event that a display application is not operating properly, the EX5000 will not allow the Pilot to select the affected page or pages. This event is annunciated by changing the color of the affected "Page Tab" to yellow.

There are reports of the EX5000 monitoring system locking out the MAP, TRIP and NEAREST pages due to the detection of an improper application function. When this occurs, the Pilot can not select these pages and the "Page Tabs" will appear yellow.

Recommended Procedure

In the unlikely event a yellow annunciation on the "Page Tab" occurs, follow the steps below to resume normal behavior.

- Cycle power on EX5000 by pulling and resetting the MFD circuit breaker.
- In the event normal behavior is not resumed "Land The Aircraft As Soon As Practical."

NOTE: For PA-46-500TP aircraft, an additional circuit breaker must be pulled to remove power from the MFD. This circuit breaker is labeled



FlightMax EX5000

Errata Sheet

PFD / MFD POWER CONVERTER. Reset circuit breakers only after both have been pulled.

- Contact Avidyne Technical Support at your convenience

Note: The condition described in this errata is not the result of a hardware defect. The EX5000 should not be returned to the factory if this occurs. This condition is designed into the system to notify the pilot of an application having executed improperly.



ARCHER III

PA-28-181

SN 2843001 AND UP

PILOT'S OPERATING HANDBOOK

AND

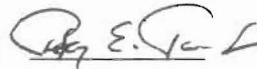
FAA APPROVED AIRPLANE FLIGHT MANUAL

AIRPLANE
SERIAL NO. 2843646

AIRPLANE
REGIST. NO. N343TA

PA-28-181

REPORT: VB-1611 FAA APPROVED BY:



PETER E. PECK
D.O.A. NO. SO-1
THE NEW PIPER AIRCRAFT, INC.
VERO BEACH, FLORIDA

DATE OF APPROVAL:
JULY 12, 1995

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.



PiperTM

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 MUST BE PROPERLY INSERTED.

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PUBLICATIONS DEPARTMENT
Issued: July 12, 1995
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APPLICABILITY

Application of this handbook is limited to the specific Piper PA-28-181 model airplane designated by serial number and registration number on the face of the title page of this handbook.

This handbook cannot be used for operational purposes unless kept in a current status.

WARNING

INSPECTION, MAINTENANCE AND PARTS REQUIREMENTS FOR ALL NON-PIPER APPROVED STC INSTALLATIONS ARE NOT INCLUDED IN THIS HANDBOOK. WHEN A NON-PIPER APPROVED STC INSTALLATION IS INCORPORATED ON THE AIRPLANE, THOSE PORTIONS OF THE AIRPLANE AFFECTED BY THE INSTALLATION MUST BE INSPECTED IN ACCORDANCE WITH THE INSPECTION PROGRAM PUBLISHED BY THE OWNER OF THE STC. SINCE NON-PIPER APPROVED STC INSTALLATIONS MAY CHANGE SYSTEMS INTERFACE, OPERATING CHARACTERISTICS AND COMPONENT LOADS OR STRESSES ON ADJACENT STRUCTURES, PIPER PROVIDED INSPECTION CRITERIA MAY NOT BE VALID FOR AIRPLANES WITH NON-PIPER APPROVED STC INSTALLATIONS.

REVISIONS

The information compiled in the Pilot's Operating Handbook, with the exception of the equipment list, will be kept current by revisions distributed to the airplane owners. The equipment list was current at the time the airplane was licensed by the manufacturer and thereafter must be maintained by the owner.

Revision material will consist of information necessary to update the text of the present handbook 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 handbook 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. Insert page numbers followed by a small letter in direct sequence with the same common numbered page.

II. Identification of Revised Material

Revised text and illustrations are indicated by a black vertical line located along the outside margin of each revised page opposite the revised, added, or deleted information. A black vertical line next to the page number indicates that an entire page has been changed or added.

Black vertical lines indicate current revisions only. Correction of typographical or grammatical errors or the physical relocation of information on a page will not be indicated by a symbol.



ORIGINAL PAGES ISSUED

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

Title, ii through viii, 1-1 through 1-18, 2-1 through 2-10, 3-1 through 3-16, 4-1 through 4-28, 5-1 through 5-34, 6-1 through 6-12, 7-1 through 7-26, 8-1 through 8-20, 9-1 through 9-14, 10-1 through 10-2.




PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Current Revisions to the PA-28-181 ARCHER III Pilot's Operating Handbook,
REPORT: VB-1611 issued July 12, 1995.

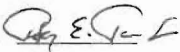
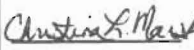
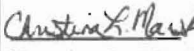
Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 1 (PR961118)	v 4-27 5-3 5-7 5-26 5-27 5-28 5-29 8-14	Added Rev. 1 to L. of R page. Revised para. 4.43. Revised para. 5.5 (a)(6). Revised para. 5.5 (g)(1) Revised fig. 5-27. Revised fig. 5-27a. Revised fig. 5-29. Revised fig. 5-29a. Revised para. 8.21.(c)	 Peter E. Peck <u>Nov. 18, 1996</u> Date
Rev. 2 (PR970403)	v 5-4 5-28 5-29 5-32 5-33 7-i 7-27 7-28 9-15 thru 9-26 9-27 thru 9-38 9-39 9-40	Added Rev. 2 to L. of R page. Revised para. 5.5 (b)(5). Revised fig. 5-29. Revised fig. 5-29a. Revised fig. 5-35. Revised fig. 5-37. Rev. TOC. Added para. 7.39. Added blank page. Added Supplement 4 Bendix/King KLN89 (B) GPS Nav. System Added Supplement 5 Bendix/King KX 155A Comm/Nav System Added Supplement 6 Added blank page.	 Peter E. Peck <u>APRIL 3, 1997</u> Date

REPORT: VB-1611

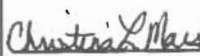
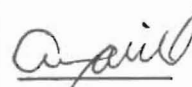
PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 3 (PR980312)	vi 5-18 9-39 9-40	Added Rev. 3 to L of R page. Revised fig. 5-15. Revised header & title. Revised header.	 Peter E. Peck <u>March 12, 1998</u> Date
Rev. 4 (PR980331)	vi 5-14 5-15 5-16 5-17 5-18 5-19 5-20 5-30 5-32 5-33	Added Rev. 4 to L of R page. Revised Fig. 5-7. Revised Fig. 5-9. Revised Fig. 5-11. Revised Fig. 5-13. Revised Fig. 5-15. Revised Fig. 5-17. Revised Fig. 5-19. Revised Fig. 5-31. Revised Fig. 5-35. Revised Fig. 5-37.	 Peter E. Peck <u>March 31, 1998</u> Date
Rev. 5 (PR981106)	vi 4-10 4-11 4-22 5-13 5-15 5-17 5-31 9-i 9-41 thru 9-48	Added Rev. 5 to L of R page. Revised para. 4.5. Revised para. 4.5. Revised para. 4.23. Revised Fig. 5-5. Revised Fig. 5-9. Revised Fig. 5-13. Revised Fig. 5-33. Revised T of C. Added Supplement 7 - Garmin GNS 430 Nav/Comm.	 Peter E. Peck <u>Nov. 6, 1998</u> Date

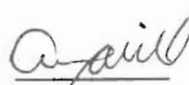
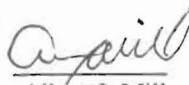
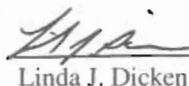

PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 6 (PR981218)	vi-a vi-b 9-i 9-49 9-50	Added page. Added page. Revised T of C. Added page. Added page.	 Peter E. Peck <u>Dec. 18, 1998</u> Date
Rev. 7 (PR991206)	vi-a 5-23 9-i 9-51 thru 9-52	Added Rev. 7 to L of R. Revised Fig. 5-20b. Revised T of C. Added pages and Supplement 9.	 Christina L. Marsh <u>Dec. 6, 1999</u> Date
Rev. 8 (PR000714)	vi-a 9-i 9-47 9-53 thru 9-58 9-59 thru 9-62 9-63 thru 9-70	Added Rev. 8 to L of R. Revised T of C. Revised Section 4. Added pages and Supplement 10. Added pages and Supplement 11. Added pages and Supplement 12.	 Christina L. Marsh <u>July 14, 2000</u> Date
Rev. 9 (PR010102)	vi-a vi-b 9-i 9-71 thru 9-80	Added Rev. 9 to L of R. Added Rev. 9 to L of R. Revised T of C. Added pages and Supplement 13.	

PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 9 (PR010102) continued	9-81	Added pages	 Christina L. Marsh <u>Jan. 2, 2001</u> Date
	thru 9-82	and Supplement 14.	
	9-83	Added pages	
	thru 9-88	and Supplement 15.	
	9-89	Added pages	
	thru 9-94	and Supplement 16.	
Rev. 10 (PR020415)	9-95	Added pages	 Albert J. Mill <u>April 15, 2002</u> Date
	thru 9-98	and Supplement 17.	
	vi-b	Added Rev. 10 to L of R.	
	3-4	Revised para. 3.5.	
	4-7	Revised para. 4.5.	
	4-8	Revised para. 4.5.	
Rev. 11 (PR040105)	4-9	Revised para. 4.5.	(Continued from previous entry)
	4-18	Revised para. 4.13.	
	4-19	Revised para. 4.13.	
	iii	Added Warning and moved info. to page iv.	
	iv	Moved info. from page iii.	
	vi-b	Added Rev. 11 to L of R.	
vi-c	Added page	(Continued from previous entry)	
	and Rev. 11 to L of R.		
	vi-d		Added page.
	8-1		Moved info. to page 8-1b and revised para. 8.1.
8-1a	Added page and	(Continued from previous entry)	
	revised para. 8.1.		

PILOT'S OPERATING HANDBOOK LOG OF REVISIONS

Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 11 (PR040105) continued	8-1b	Added page and moved info. from pages 8-1 and 8-2.	 Albert J. Mill <u>Jan. 5, 2004</u> Date
	8-2	Moved info. to page 8-1b and revised para. 8.3.	
	9-i	Revised T of C.	
	9-99 thru 9-102	Added pages and Supplement 18.	
Rev. 12 (PR040614)	vi-c	Added Rev. 12 to L of R.	 Albert J. Mill June 14, 2004
	9-i	Revised T of C.	
	9-103 thru 9-110	Added pages and Supplement 19.	
Rev. 13 (PR041007)	vi-c	Added Rev. 13 to L of R.	 Linda J. Dicken October 7, 2004
	9-i	Revised T of C.	
	9-111 thru 9-128	Added pages and Supplement 20.	
	9-129 thru 9-132	Added pages and Supplement 21.	
Rev. 14 (PR050912)	vi-c	Added Rev. 14 to L of R.	 Linda J. Dicken Sept. 12, 2005
	9-i	Revised T of C.	
	9-111 thru 9-138	Revised Supplement 20.	
	9-139 thru 9-142	Revised page numbers.	
	9-143 thru 9-152	Added pages and Supplement 22.	

PILOT'S OPERATING HANDBOOK LOG OF REVISIONS






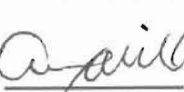
Revision Number and Code	Revised Pages	Description of Revisions	FAA Approval Signature and Date
Rev. 15 (PR051128)	vi-d 9-116 9-119 9-123	Added Rev. 15 to L of R. Revised Section 3. Revised Section 3. Revised Section 3.	 Linda J. Dicken Nov. 28, 2005
Rev. 16 (PR060109)	vi-d 9-i 9-111 thru 9-138	Added Rev. 16 to L of R. Revised T of C. Revised Supplement 20.	 Linda J. Dicken Jan. 9, 2006
Rev. 17 (PR060214)	vi-d 9-ii 9-116 9-119 9-120 9-123 9-124 9-153 thru 9-188	Added Rev. 17 to L of R. Revised T of C. Revised Section 3. Revised Section 3. Revised Section 3. Revised Section 3. Revised Section 3. Added pages and Supplement 23.	 Linda J. Dicken Feb. 14, 2006
Rev. 18 (PR060411)	vi-d 9-131 9-179	Added Rev. 18 to L of R. Revised Section 7A. Revised Section 7A.	 Linda J. Dicken April 11, 2006
Rev. 19 (PR070129)	vi-d 8-20	Added Rev. 19 to L of R. Revised para. 8.29.	 Linda J. Dicken Jan. 29, 2007
Rev. 20 (PR080411)	vi-d 9-155 9-164 9-178 9-186	Added Rev. 20 to L of R. Revised Supp 23, Section 1. Revised Supp 23, Section 3. Revised Supp 23, Section 4. Revised Supp 23, Section 7B.	 Albert J. Mill April 11, 2008

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