

442-4294 PA 22- ETC. AIR RECORDS - ETC. Section 1407

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	Form Approved Budget Bureau No. 04-R060.1
<b>MAJOR REPAIR AND ALTERATION</b> (Airframe, Powerplant, Propeller, or Appliance)	FOR FAA USE ONLY OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE PIPER	MODEL TRI-PACER PA-22
	SERIAL NO. 22-3443	NATIONALITY AND REGISTRATION MARK U.S.A. N3725P
2. OWNER	NAME (As shown on registration certificate) REG ARTHUR WILLIAMS	ADDRESS (As shown on registration certificate) 202 S. Cell-grove 645 Hidden Valley Drive #102 Ypsilanti, MI 48197

**3. FOR FAA USE ONLY**

The ~~work~~ alteration identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43 Section 43.7.

DATE: 02/11/87 SIGNATURE OF FAA INSPECTOR: *[Signature]*

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT		
A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
MATTHEW E. NULL 11236 Pocklington Road Britton, MI 49229	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	A & P 368562244
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE <u>4 Feb 87</u>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</i>
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**7. APPROVAL FOR RETURN TO SERVICE**

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  APPROVED  REJECTED

BY	FAA RT. STANDARDS INSPECTOR	MANUFACTURER'S AUTHORITY	INSPECTION AUTHORITY	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION <u>4 Feb 87</u>	CERTIFICATE OR DESIGNATION NO. 368562244	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</i>
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## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. Any alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Updated the electrical system in the following manner:

1. Installed Prestolite ALK 5001S Alternator and regulator I/A/W STC 448CE, Larsen Industries, Aug. 4, 1966, in place of note 10, TC E-274.
2. Removed starter-master switch box, Piper Part No. 12984-00, located under pilot's seat and installed Cutler-Hammer Model 604IH105A battery solenoid mounted on a 4" x 6" .060" 2024T3 aluminum plate attached to original switch box mounting tabs on fuselage structure. See pic. #1.

Battery solenoid actuated by AN3021 switch located on lower center instrument panel. See pic. #3.

3. Installed Cutler-Hammer model CO1E starter solenoid on lower left front of firewall. See pic. #2.

Starter solenoid actuated by Bendix model 10-357200-1 combination magneto-starter located on lower center instrument panel. See pic. #3.

4. Battery and starter electrical wire replaced I/A/W Piper SB 836A rev date 26 Aug 86.
5. Installed MS 25051 green master switch indicator light above fuel quantity gauge on Right hand instrument panel.
6. Installed MS 25051 red baggage door unlocked indicator light adjacent to above mentioned master switch indicator light. This indicator light is actuated by C & K roller microswitch model S221 installed in baggage door jam.

References enclosed: pictures numbered 1 through 3; electrical system schematic N3725P.

END