

PA-17 Electrical Wiring Diagram

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)	Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION
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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 PA-17
	SERIAL NO. 17-131	NATIONALITY AND REGISTRATION MARK N4833H
2. OWNER	NAME (As shown on registration certificate) Cassens, Kenwood C.	ADDRESS (As shown on registration certificate) RD 2 Box 52-0 Stone Ridge, N.Y. 12484

3. FOR FAA USE ONLY

The information / data 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
AEA - FSDO - 1
 Date 05-11-92 *Richard K. [Signature]*
 FAA Inspector

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 Kenwood C. Cassens RD 2 Box 52-0 Stone Ridge, N.Y. 12484	B. KIND OF AGENCY		C. CERTIFICATE NO. A&P 1575986
	<input checked="" type="checkbox"/>	U.S. CERTIFICATED MECHANIC	
	<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 12-5-91	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Kenwood C. Cassens</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 FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	<input type="checkbox"/>	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

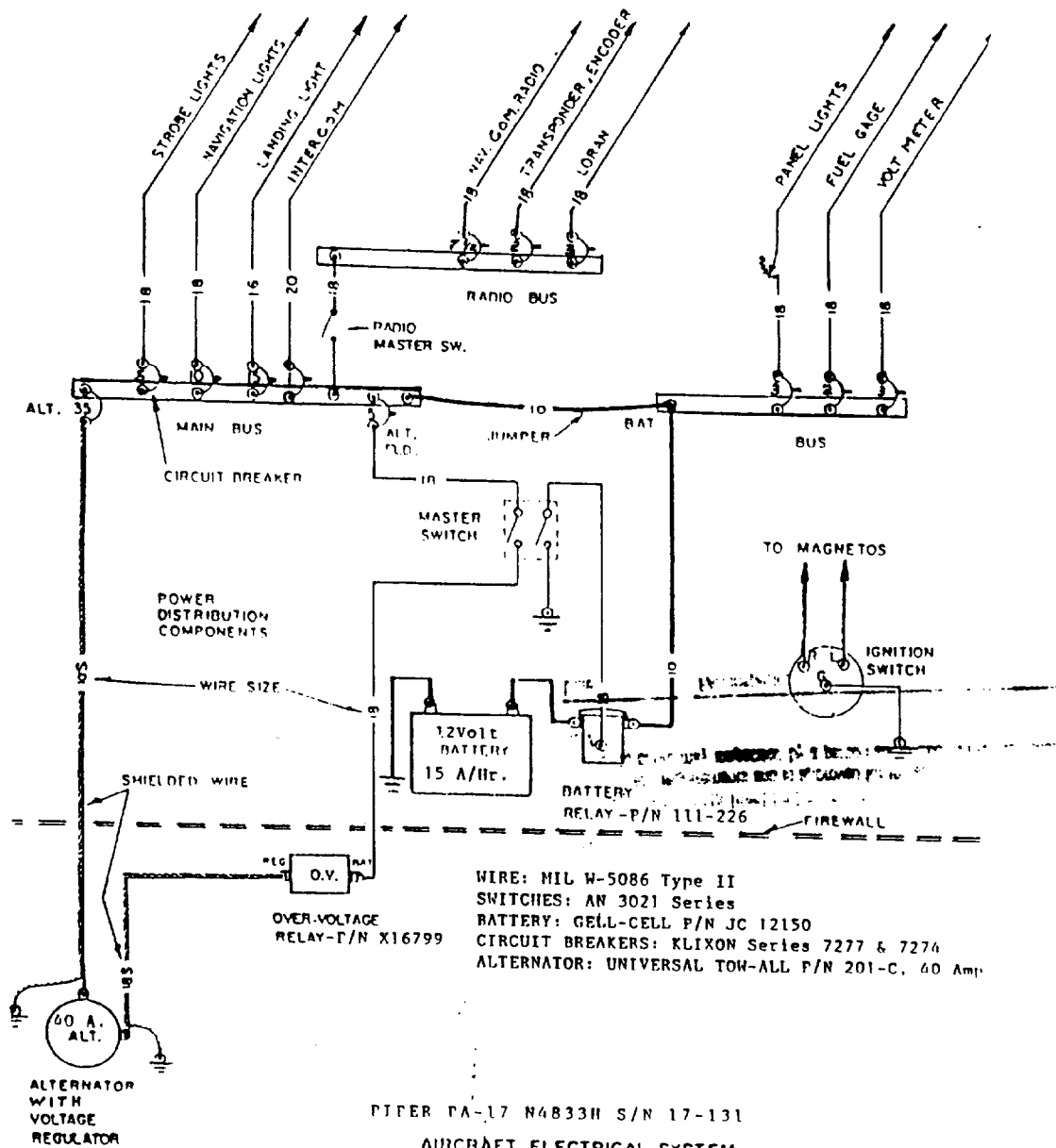
DATE OF APPROVAL OR REJECTION <i>May 11-1992</i>	CERTIFICATE OR DESIGNATION NO. <i>2254031 IA</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>John L. Baker</i>
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An 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.)

- 1) Installed electrical system in this aircraft, using procedures set forth in AC 43.13-1A CH.11 Sections 2,3,6 and 7. An electrical schematic diagram and electrical equipment utilization load chart are shown below:



WIRE: MIL W-5086 Type II
 SWITCHES: AN 3021 Series
 BATTERY: GELL-CELL P/N JC 12150
 CIRCUIT BREAKERS: KLIXON Series 7277 & 7274
 ALTERNATOR: UNIVERSAL TOW-ALL P/N 201-C, 40 Amp

PIPER PA-17 N4833H S/N 17-131

Date 12-5-91

Page two of two pages

2)

ELECTRICAL EQUIPMENT UTILIZATION LOADS

EQUIPMENT	STARTING	CRUISE	NIGHT CRUISE	DAY LANDING/TAXIING	NIGHT LANDING/TAXIING
STARTER					
BATTERY CONTACTOR	.41	.41	.41	.41	.41
COMPASS LGT			.04		.04
FUEL GAGE	.40	.40	.40	.40	.40
INSTRUMENT LGTS			1.84		1.84
LANDING/TAXI LGT					13.0
NAV LGTS			5.6		5.6
POST LGTS			.76		.76
STROBES		4.4	4.4	4.4	4.4
TURN/BANK					
AVIONICS					
COM RADIO (Transmitting)		4.5	4.5	4.5	4.5
NAV RADIO		1.1	1.1	1.1	1.1
LORAN		1.09	1.09	1.09	1.09
TRANSPONDER		1.8	1.8	1.8	1.8
TOTALS	.81	13.7	21.94	13.7	34.94

- 3) Checked compass with radios off and on and installed compass deviation card in holder on the compass,
- 4) All switches and circuit breakers are placarded as to use and position.

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