

PA 17 Seat Belts - Shoulder Harness

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

<b>1. AIRCRAFT</b>	MAKE PIPER	MODEL PA-17
	SERIAL NO. 17-131	NATIONALITY AND REGISTRATION MARK N4833H
<b>2. OWNER</b>	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**

AEA - FSDO - 1

The ~~alteration~~ / 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

Date 03-25-92 [Signature]  
FAA Inspector

**4. UNIT IDENTIFICATION**

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

**6. CONFORMITY STATEMENT**

<b>A. AGENCY'S NAME AND ADDRESS</b> Kenwood C. Cassens RD 2 Box 52-0 Stone Ridge, N.Y. 12484	<b>B. KIND OF AGENCY</b> <input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER	<b>C. CERTIFICATE NO.</b> ASP 1575936
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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 6-18-91	SIGNATURE OF AUTHORIZED INDIVIDUAL <u>Kenwood C. Cassens</u>
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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

<b>BY</b>	FAA P.T. 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 3-31-92	CERTIFICATE OR DESIGNATION NO. 2254031 IA	SIGNATURE OF AUTHORIZED INDIVIDUAL <u>[Signature]</u>
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## NOTICE

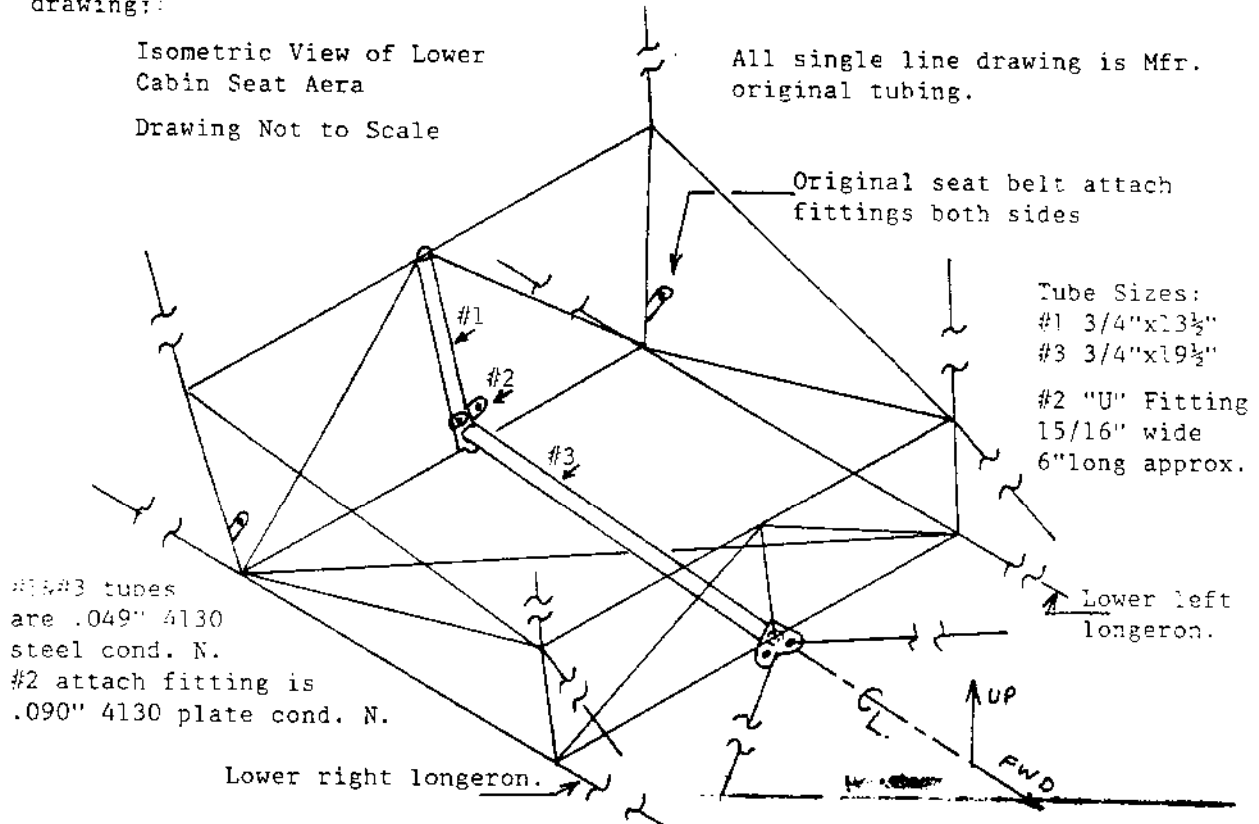
*Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.*

**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) Removed factory original single seat belt ( one for pilot and passenger ).
- 2) Installed two individual Davis Aircraft Products seat belts Model FDC 6400-181-080 C TSO-C22F, 1500 lb. rating.
- 3) Installed center seat belt attach bracket and tubes as shown in the following drawing:

Isometric View of Lower Cabin Seat Area  
Drawing Not to Scale

All single line drawing is Mfr. original tubing.



#1 & #3 tubes are .049" 4130 steel cond. N.  
#2 attach fitting is .090" 4130 plate cond. N.

- 4) Installed two shoulder harness attach brackets, by ~~welding to the upper left and right longeron cross tube clusters at the rear cabin area, similar to the method shown in Ch. 9 section 3 Fig. 9.16 of AC 43.13-2.~~
- 5) Brackets are .070" 4130 steel plate 7/8" wide x 1 1/2" long with a 3/16" dia. bolt hole.
- 6) Installed two Carrier Components shoulder harness assy. P/N E 2933-2 of the single diagonal type as shown in Ch. 9 section 1, Fig. 9.1 and section 2 Fig. 9.5 of AC 43.13-2.
- 7) Ch. 9 section 3 paragraph 135 a. through f. complied with.
- 8) All oxy-acetylene welding was done in accordance with procedures set forth in Ch. 2 sections 1 & 2 of AC 43.13-1A.

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END

ADDITIONAL SHEETS ARE ATTACHED