



US Department of Transportation  
Federal Aviation Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

WPO7

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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-22/20-150
	Serial No. 22-7265	Nationality and Registration Mark N3328Z
2. Owner	Name (As shown on registration certificate) HAWLEY, LUTHER S.	Address (As shown on registration certificate) 1285 W Paintbrush Pl. Tucson, AZ 85704

3. For FAA Use Only The alteration/repair identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43, section 43.7.

*Marion R. Childers* 11-18-93  
FAA INSPECTOR WPO7. DATE

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 Luther S. Hawley 1285 W Paintbrush Pl. Tucson, AZ 85704	B Kind of Agency <input checked="" type="checkbox"/> US Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C Certificate No 552527123
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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 November 1, 1993	Signature of Authorized Individual <i>Luther S. Hawley</i> Luther S Hawley
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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 Fit Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify):
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection Nov. 18, 1993	Certificate or Designation No. 552527123	Signature of Authorized Individual <i>Luther S. Hawley</i>
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NAME

C

### 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.)

This Form 337 request is to make the left window so that it can be opened to the same extent as the small one was, as was originally designed and built. This alteration will eliminate the vertical frame that has always interfered with the pilots view to the left. The latch system will be the same as original except that two will be used. The opening restriction will not be changed.

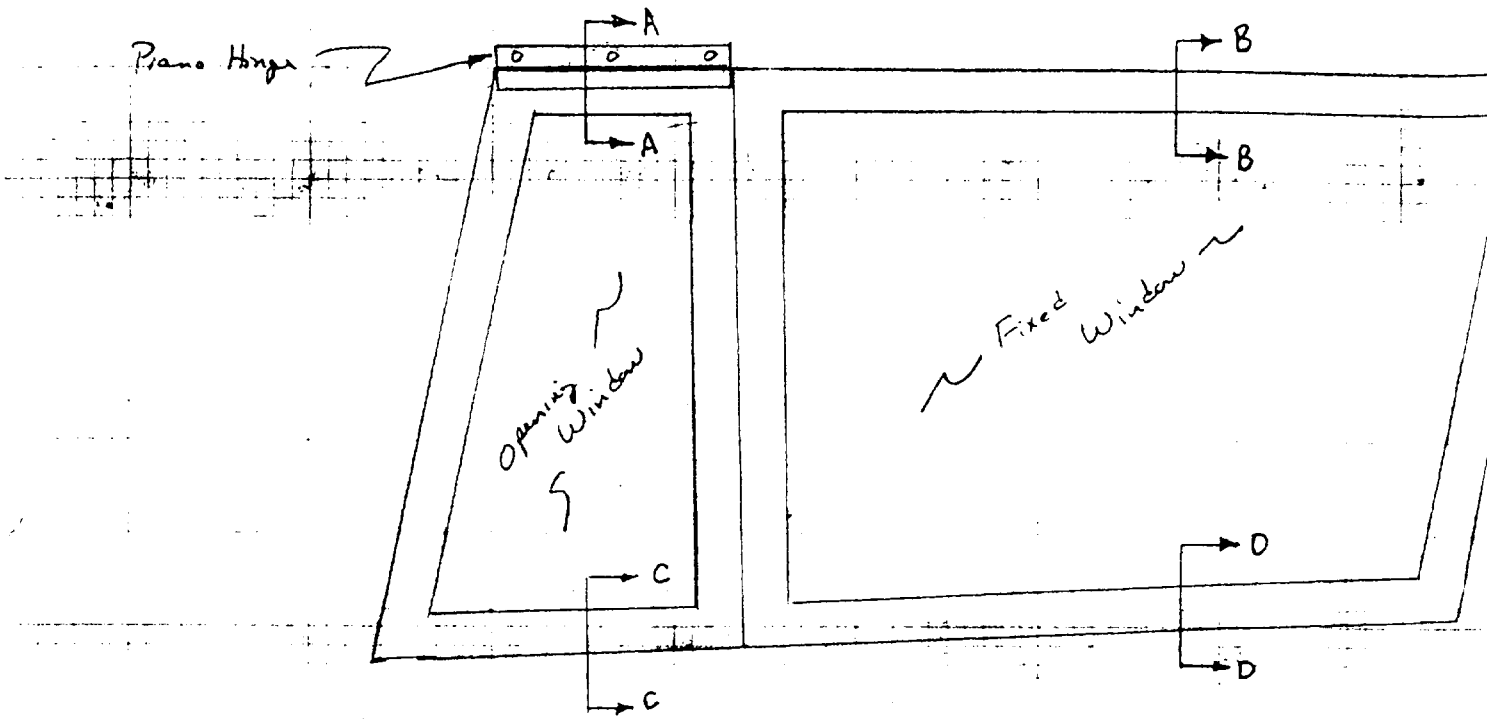
All materials and welding was done in accordance with the directions and principles prescribed in AC43.13-1A, Section 2.

A new weight and balance will be computed when the restoration is complete.

One ~~Drawing dated November 1, 1993~~ is included herewith and made part of this Form 337.

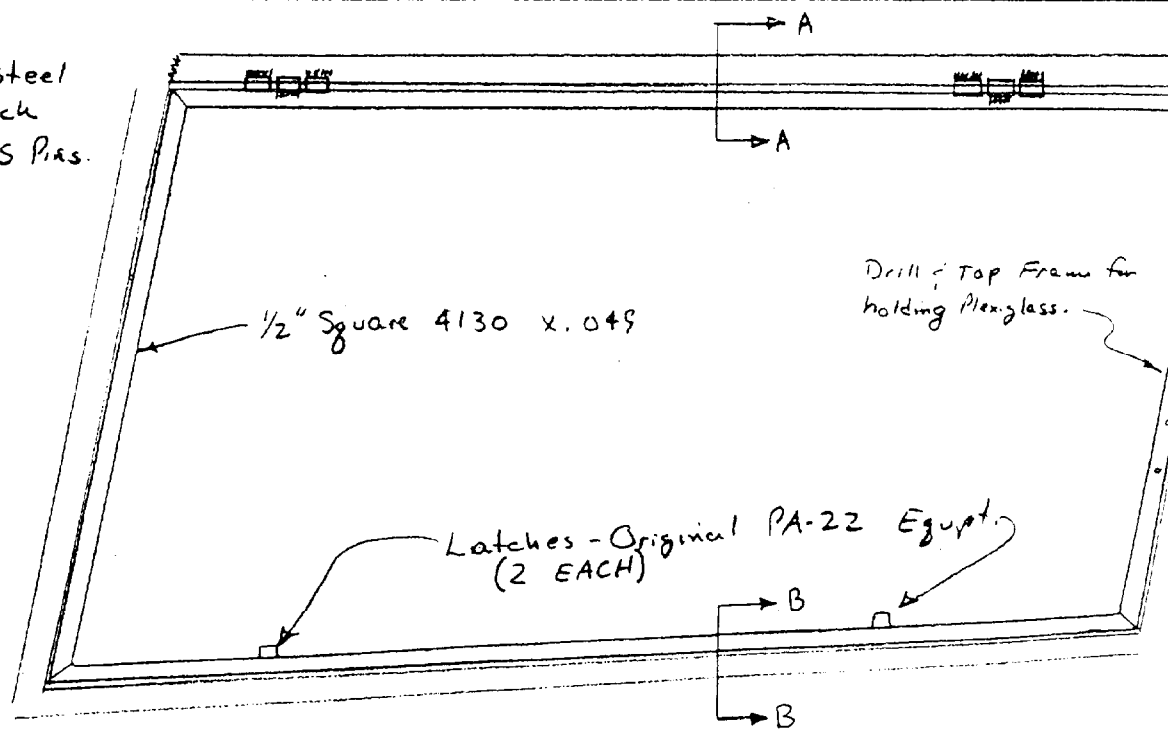
-----END-----

Additional Sheets Are Attached

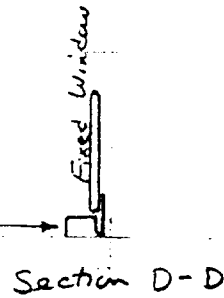
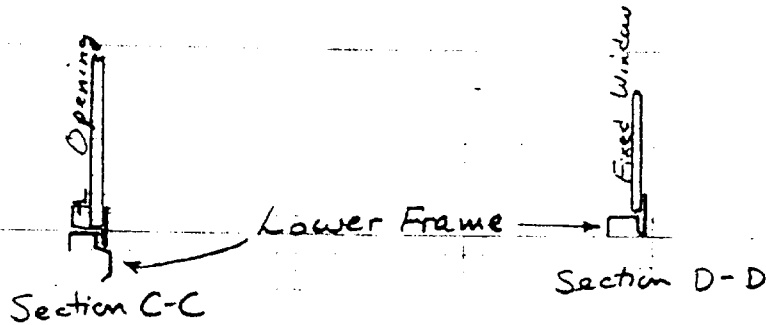
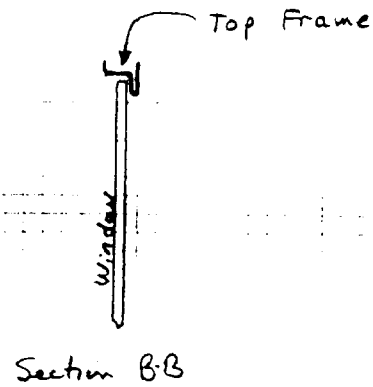
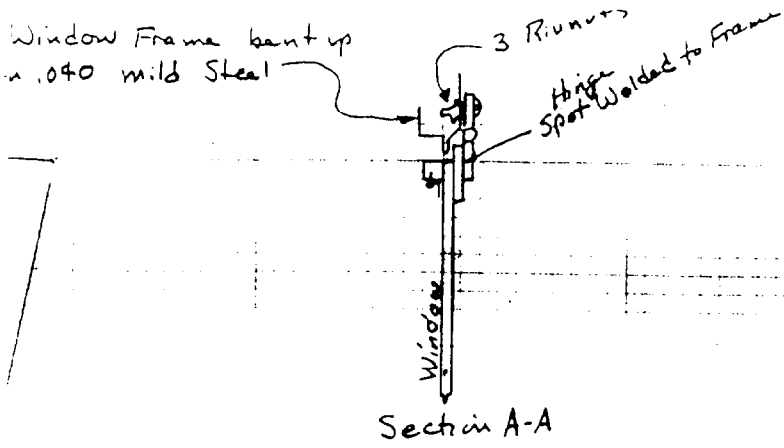


Original P.  
Scale

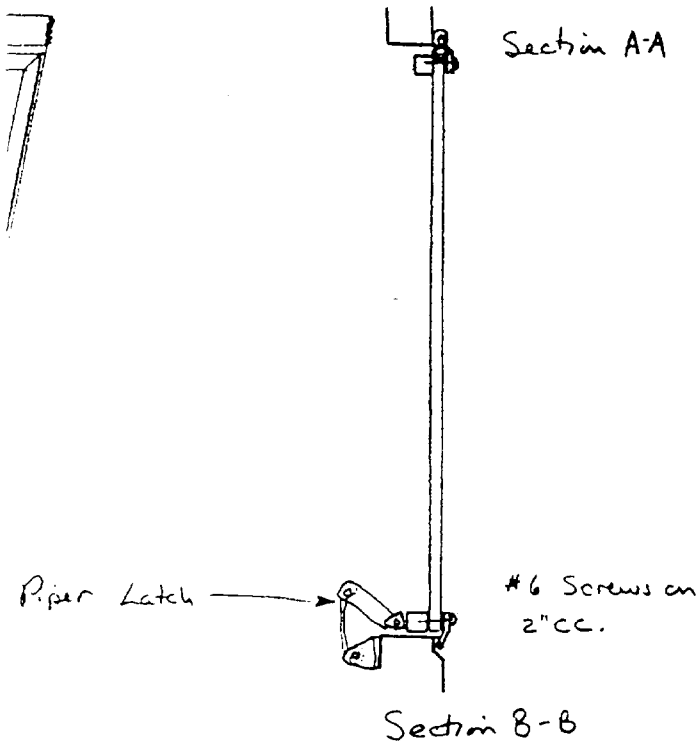
Hinges are steel  
bushing stock  
with .095 SS Pins.



Altered W  
Scale



Lt. Window Design  
1" = 5"



Upper & Lower window frame material is .040 Mild Steel formed in a brake to shape indicated.

Lt. Window Alteration  
 Drawn by S. Hawley  
 Scale 1" = 5"  
 Date: 11-1-93  
 N3328Z Ser. # 22-7265

Window & Frame  
1" = 5"