



U.S. 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

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<br><u>PIPER</u>  | Model<br><u>PA-22-160</u>  |
|             | Serial No.<br><u>22-6057</u>                                    | Nationality and Registration Mark<br><u>N8902D</u>   |
| 2. Owner    | Name (As shown on registration certificate)<br><u>ROTOR AIR</u> | Address (As shown on registration certificate)<br><u>HCI BOX 1290<br/>SOLDOTNA, ALASKA 99669</u> |

**3. For FAA Use Only**

The data/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 Part 43.

**Walter G. Zackowitz**  
Aviation Safety Inspector (AWI)

9-19-94  
Date

*Walter Zackowitz*  
Signature

FAA Form 337-3

**4. Unit Identification**

**5. Type**

| COM           | Make                         | Model        | Serial No. | Repair | Alteration |
|---------------|------------------------------|--------------|------------|--------|------------|
| 1. AIRFRAME   | As described in item 1 above |              |            |        | X          |
| 2. POWERPLANT |                              |              |            |        |            |
| 3. PROPELLER  |                              |              |            |        |            |
| 4. APPLIANCE  | Type                         | Manufacturer |            |        |            |

**5. Conformity Statement**

|   |   |                     |
|---|---|---------------------|
| A. Agency's Name and Address  | B. Kind of Agency   | C. Certificate No.  |
| <u>WAYNE C. ALSWORTH SR</u><br><u>HCI BOX 1290</u><br><u>SOLDOTNA, ALASKA 99669</u> | <input checked="" type="checkbox"/> U.S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input type="checkbox"/> Certificated Repair Station<br><input type="checkbox"/> Manufacturer | <u>AAPS74168152</u> |

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<br><u>9-14-94</u> | Signature of Authorized Individual<br><i>Wayne C. Alsworth Sr.</i> |
|------------------------|--|

**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 Field Standards Inspector                      | Manufacturer   | Inspection Authorization                                | Other (Specify) |
|   | FAA Designee                                       | Repair Station   | Person Approved by Transport Canada Airworthiness Group |                 |
| Date of Approval or Rejection<br><u>9-19-94</u> | Certificate of Designation No.<br><u>512534220</u> | Signature of Authorized Individual<br><i>John L. ...</i> |   |                 |

### 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 ALL FUEL TANKS, REMOVED ELECTRICAL FUEL SENDERS, & WELDED ALUMINUM PATCHES OVER HOLES,
2. WELDED ON  $\frac{1}{4}$ " ALUMINUM NIPPLES ONE UPPER POSITION AND ONE LOWER POSITION BOTH TANKS, RE INSTALLED TANKS,
3. INSTALLED PA-18 FUEL GAUGES AND CALIBRATED SAME.
4. NOTE PA-22 AND PA-18-150 MAIN FUEL TANKS ARE IDENTICAL TO ONE ANOTHER IN SHAPE AND DESIGN, THE ONLY DIFFERENCE IS FUEL GAUGES,
5. ALL SYSTEMS CHECKED O.K.
6. WEIGHT AND BALLANCE NEG.

END

Additional Sheets Are Attached