

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

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 form 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 <b>Piper</b>	Model <b>PA-30</b>
	Serial No. <b>30-1394</b>	Nationality and Registration Mark <b>N8266Y</b>
2. Owner	Name (As shown on registration certificate) <b>Redden Aero LLC</b>	Address (As shown on registration certificate) <b>8601 Six forks Rd., Suite 260 Raleigh, NC 27615</b>

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  
FAR Part 43, SECTION 43.7.

68-600-35 07-28-2008

*[Signature]*

District Office	Date	Signature of FAA Inspector	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.
<b>Jeffrey S. Karns Aero Specialties, Inc. PO Box 1147 Smithfield, NC 27577</b>	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	<b>2730963</b>
	<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 <b>July 11, 2008</b>	Signature of Authorized Individual <i>[Signature]</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 Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canadian Airworthiness Group	

Date of Approval or Rejection <b>July 11, 2008</b>	Certificate or Designation No. <b>2730963</b>	Signature of Authorized Individual <i>[Signature]</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.)

N8266Y Piper PA-30

#### Removed the following items:

- 1 ea. RH control wheel assy, P/N: 20965-07
- 1 ea. LH control wheel assy, P/N: 26665-02

#### Installed the following items:

- 2 ea. RH-LH control wheel assy, P/N: 43052-004

RH-LH control wheel assy's 43052-004 came off a PA-31-310 with a tube assy, P/N: 42994-00 & 02 with O.D. of 1.5 inches and installed control wheel assy's on this aircraft with tube assy's P/N: 23325 with O.D. of 1.5 inches. Attached control wheel assy's to tube assy's using Piper original spring pins.

The above control wheels were installed in accordance with Piper drawing No. 22988 and AC 43.13-1B, chapter 7-section 6-para 7-104 spring pins.

#### Instructions for Continued Airworthiness:

1) Introduction: Installed PA-31-310 control wheel assy's, P/N: 43052-004 on this aircraft PA-30. The purpose for installing the PA-31-310 control wheels, the control wheels have built-in trim and auto-pilot switches and holes to run wiring. No modification needed to the control wheels, control tube assy's and attachment hardware for installation.

2) Description: N/A

3) Control, operation information: N/A

4) Servicing information: N/A

5) Maintenance instructions: Inspect spring pin attachment at each inspection for looseness. Inspect control wheels for looseness and cracks around spring pin attachment holes at each inspection.

6) Troubleshooting information: N/A

7) Removal and replacement information: Perform work in accordance with PA-30 maintenance manual.

8) Diagrams: N/A

9) Special inspection requirements: N/A

10) Application of protective treatments: Perform inspection and work in accordance with AC 43.13-1B chapter 6.

11) Data: N/A

12) List of special tools: N/A

13) For commuter category aircraft: N/A

14) Recommended overhaul period: N/A

15) Airworthiness limitation section: N/A

16) Revision: N/A

The aircraft weight & balance and equipment list have been revised accordingly.

The aircraft records were updated to reflect installation.

----- E N D -----

☐ Additional Sheets Are Attached