



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 1958)

1. Aircraft	Make Cessna	Model 140
	Serial No. 14877	Nationality and Registration Mark N3809V
2. Owner	Name (As shown on registration certificate) Leonard Nelson	Address (As shown on registration certificate) HC 66 Box 28 Potter, NE 68156

3. For FAA Use Only

The 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 Part 43, Section 43.7.

Date 7-13-01 Inspector Thomas A. [Signature]
Inspector, CE06, LIN, FSDO

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				

RECEIVED

JUL 12 2001

LINCOLN, NE, FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Sidney Aviation, LLC Chris Nelson 11149Rd 16 Sidney, NE 69162	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	508158167
	<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 06-03-01	Signature of Authorized Individual <u>[Signature]</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

BY	FAA Ft. 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 7-16-01	Certificate or Designation No. FA505568380	Signature of Authorized Individual <u>[Signature]</u>
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NOTICE

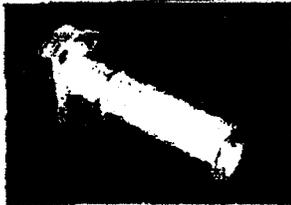
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Removed Cessna axle P/N 0441140 - Page 50, figure 26, ref. # 26-13 in Cessna 140 parts book.

Replaced with 8.00 x 6: 1-1/2" Diameter; Solid 2024-T3 aluminum axle from Grove Aircraft Inc. Part # 5016; designed to fit Cleveland 8.00 x 6 wheels. (pictured below)



Installed new axle using Cessna 140 parts book- page 50, figure 26.

Reference letter Wichita Aircraft Certification Office field approval concurrence. Was reviewed and approved by the Wichita ACO for replacement of the Cessna 0441140 axle assembly with a solid 2024-T3 aluminum axle, P/N 5016, manufactured by Grove Aircraft Inc.

Weight and balance change negligible.

***** End Report *****

Additional Sheets Are Attached