



US Department of Transportation
Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
For FAA Use Only	

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N3946Q	Serial No. 18502213	
	Make CESSNA	Model A185F	Series _____
2. Owner	Name (As shown on registration certificate) MENNEN PAUL	Address (As shown on registration certificate) Address 1452 OWEN SOUND DR	
		City SUNNYVALE State CALIFORNIA	Zip 94087 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name NICHOLAS EDWARD BISHOP		<input checked="" type="checkbox"/>	U. S. Certificated Mechanic
Address 1401B SOUTH STATE STREET			Foreign Certificated Mechanic
City UKIAH State CA			Certificated Repair Station
Zip 95482 Country USA			Certificated Maintenance Organization
		2989002	
C. Certificate No.			

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 4/23/13
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/>	Inspection Authorization
				Other (Specify)

Certificate or Designation No. 2989002	Signature/Date of Authorized Individual NICHOLAS E. BISHOP 4/23/13
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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

N3946Q

Nationality and Registration Mark

Date

REPAIR DAMAGED RH WING AS FOLLOWS USING PROCEDURES IN CESSNA MODEL 180 & 185 SERIES 1969-1980 SERVICE MANUAL SEC. 17(STRUCTURAL REPAIRS) AND AC 43.13-1B CHAP. 4 SEC. 4(METAL REPAIR PROCEDURES).

SUPPORT WING IN FIXTURE AND REMOVE FUEL BAY LOWER SKIN, UPPER & LOWER OUTBOARD SKINS, STRINGERS AND RIBS, AND OUTBOARD LEADING EDGE I.A.W. AC 43.13-1B 4-52b.

REPLACE THE FOLLOWING PARTS WITH NEW:

OUTBOARD FORWARD SPAR CHANNEL P/N 0721401-16

AUXILIARY SPAR CHANNEL P/N 0523206-2

AFT OUTBOARD SPAR CHANNEL P/N 0523406-2

UPPER FORWARD STRINGER P/N 0523541-52

UPPER CENTER STRINGER P/N 0523541-54

UPPER AFT STRINGER P/N 0523541-56

LOWER FORWARD STRINGER P/N 0523541-57

LOWER CENTER STRINGER P/N 0523541-53

LOWER AFT STRINGER P/N 0523541-55

2 EACH AFT STRINGER P/N 0523003-40

CENTER RIB STA. 208.0 P/N 0722200-2

CENTER RIB STA. 190.0 P/N 0722199-1

CENTER RIB STA. 172.0 P/N 0722198-1

CENTER RIB STA. 154.0 P/N 0724108-1

CENTER RIB STA. 136.0 P/N 0722196-2

CENTER RIB STA. 118.0 P/N 0722195-1

AFT RIB STA. 118.0 P/N 0523511-4

OUTBOARD LEADING EDGE SKIN P/N 0722180-82

FABRICATE REPLACEMENT SKINS FROM 2024T3 CLAD ALUMINUM, SAME AS REMOVED, I.A.W. AC 43.13-1B 4-53, 4-55, 4-56.

REPAIR AFT INBOARD CHANNEL AT STA. 95.0 BY FABRICATING DOUBLER PER CESSNA 180 & 185 SERVICE MANUAL FIG. 17-7.

REASSEMBLE AND RIVET I.A.W. AC 43.13-1B 4-57a.b.c.d.

----- END -----

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on this aircraft to secure the amount of repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in case of fire, theft, or any other cause beyond your control. If it becomes necessary for you to employ a collection agency and/or an attorney to collect this account, I the undersigned agree to pay all court costs plus a reasonable attorney's fee and/or collection agency fee.

X _____

Make Cessna
Model 185
Part No. 0523800-18
Assembly No. or Title RH aileron assy.

Williams Airmotive
A Division of ACW Inc
9838N 1100E
Kendallville, Indiana 46755
(260) 347-0807

W.O. **Nº 15414**
Date Feb. 5, 2013
Tach. _____

Name: West Coast Wings
Address 1401B S. State St.
City & State Ukiah CA 95482

General Description of Repair:

Aileron repaired with the following parts replaced:

1. 0523800-7 Skin, RH upper inboard
 2. 0523800-9 Skin, RH upper outboard
 3. 0523800-11 Skin, RH lower inboard
 4. 0523800-13 Skin, RH lower outboard
- END

The aircraft and/or component identified above was repaired and inspected in accordance with the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under the above Work Order Number.

Date: Feb. 5, 2013

By *Ray S. Williams*
Authorized Signature for Repair Station WWFR 300K



US Department of Transportation
Federal Aviation Administration

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1. Aircraft	Nationality and Registration Mark N3946Q	Serial No. 18502213	
	Make CESSNA	Model A185F	Series _____
2. Owner	Name (As shown on registration certificate) MENNEN PAUL	Address (As shown on registration certificate) Address 1452 OWEN SOUND DR	
		City SUNNYVALE State CALIFORNIA	Zip 94087 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name NICHOLAS EDWARD BISHOP		<input checked="" type="checkbox"/>	U. S. Certificated Mechanic
Address 1401B SOUTH STATE STREET			Foreign Certificated Mechanic
City UKIAH State CA			Certificated Repair Station
Zip 95482 Country USA			Certificated Maintenance Organization
			2989002
			C. Certificate No.

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 4/23/13
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/>	Inspection Authorization
		Other (Specify)		

Certificate or Designation No. 2989002	Signature/Date of Authorized Individual NICHOLAS E. BISHOP 4/23/13
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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

N3946Q

Nationality and Registration Mark

Date

REPAIR RH ELEVATOR AS FOLLOWS:

REPLACE FORWARD CHANNEL P/N 0734601-3, LEADING EDGE P/N 0734600-5, RIB P/N 0734602-4, AND UPPER & LOWER SKINS USING PROCEDURES IN CESSNA MODEL 180 & 185 SERIES 1969-1980 SERVICE MANUAL SEC. 17(STRUCTURAL REPAIRS) AND AC 43.13-1B CHAP. 4 SEC. 4(METAL REPAIR PROCEDURES) 4-52b., 4-53, 4-55, 4-56, 4-57a.b.c.d.f

----- END -----

N^o 15413

Williams Airmotive
 A Division of ACW Inc
 9838N 1100E
 Kendallville, Indiana 46755
 (260) 347-0807

W.O. _____
 Date **Feb. 5, 2013**
 Tach. _____

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on this aircraft to secure the amount of repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in case of fire, theft, or any other cause beyond your control. If it becomes necessary for you to employ a collection agency and/or an attorney to collect this account, I the undersigned agree to pay all court costs plus a reasonable attorney's fee and/or collection agency fee.

X _____

Name: **West Coast Wings**
 Address: **1401B S. State St.**
 City & State: **Ukiah CA 95482**

Make: **Cessna**
 Model: **185**
 Part No.: **1232000-8**
 Assembly No. or Title: **Horizontal stabilizer assy.**

General Description of Repair:

Stabilizer repaired with the following parts replaced:

1. 0732600-2 Skin, LH and RH outboard
 2. 0732600-5 Skin, LH inboard
 3. 0732600-6 Skin, RH inboard
 4. 0732607-1 Channel, LH and RH
 5. 0732611-9 Rib, LH and RH
 6. 0732611-10 Rib, LH and RH
 7. 0732611-11 Rib, LH and RH
- END

The aircraft and/or component identified above was repaired and inspected in accordance with the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under the above Work Order Number.

By: *Roy A. Williams* Date: Feb. 5, 2013
 Authorized Signature for Repair Station WWFR 300K