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US Department
of Transportation
Federal Aviation
Administration

# **MAJOR REPAIR AND ALTERATION**

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
	i For FAA Use Only

(Airframe, Powerplant, Propeller, or Appliance) 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)) Nationality and Registration Mark Serial No. 18052551 N180MS 1. Aircraft Make Model Series CESSNA Name (As shown on registration certificate) Address (As shown on registration certificate) Address 854A CENTRE ST 180 AIRWAYS LLC 2. Owner RIDGELAND State MS 39157-4515 Country USA 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Unit Make Serial No. Model CESSNA 18052551 (As described in Item 1 above) AIRFRAME  $\overline{\mathsf{x}}$ POWERPLANT **PROPELLER** Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency DAVID C. ENTREKIN U. S. Certificated Mechanic Name Manufacturer 108 PERSIMMON Address Foreign Certificated Mechanic C. Certificate No. State MS City RIDGELAND Certificated Repair Station 3398557 39110 Country Certificated Maintenance Organization 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 25 JULY 2019 App. B 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 FAA Flt. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) FAA Designee Inspection Authorization Repair Station Certificate or Signature/Date of Authorized Individual Designation No. 3398557 25 JUL 2019

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.

	N180MS 25 JI	JL 2019
	Nationality and Registration Mark	Date
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#### United States Of America

#### Bepartment of Transportation - Nederal Abiation Administration

Supplemental Type Certificate

Number SA02221AK	ON A CESSNA MODEL 180T
VUINUEF SA02221AK	N 190 MS
raft Rebuild 1487 99567	SIN 180.50.557 AUTHORIZED BY BURL A ROGERS, HOLDER STC SA 02321 AK SIGNATURE BUR A KONNE (SIGNATURE MUST BE SIGNED IN GREEN INK)

BE ACCOMPANIED WITH PAISED COMPANY SI

This Certificate issued to Burl's Airc

P.O. Box 67 Chugiak, AK

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number

\*See attached FAA Approved Model List (AML) No. SA02221AK, dated November 26, 2004, list of approved airplane models and applicable airworthiness regulations

Description of Type Design Change: Installation of Alternate Fuel outlet Screens per Installation Instructions and Instructions for Continued Airworthiness BAR0720007D Revision Original Issue dated November 26, 2004 or later FAA approved revision.

#### Limitations and Conditions:

- Compatibility of this design change with previously approved modifications must be determined by the installer.
- For Instructions for Continued Airworthiness, refer to Document BAR0720007D revision Original Issue Dated November 26, 2004, or later FAA approved revision.
- If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 26, 2003

Date of issuance: November 26, 2004

Date reissued :

Date amended:

By direction of the Adminis

Gregory J. Holt

Manager

Anchorage Aircraft Certification Office

(Title)

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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

Fed	ransportation deral Aviation ministration	on	(Airtra	ıme, F	owerplant, F	rop	elic	er, or App	iance)					
ins	structions	IONS: Print and dispos on. (49 U.S.	ition of th	is form.	es. See Title 14 This report is re	CFI equire	₹ §4 ed b	13.9, Part 43 y law (49 U.S	Appendix B, ar S.C. §44701). Fa	nd Ad nilure	C 43.9- to repo	1 (or sub rt can re	sequent revision thereof) f sult in a civil penalty for ea	or ch
		Nationality and Registration Mark N180MS		Serial No.										
1. Ai	ircraft						18052551				Series			
		Cessna						Model 180J			Skywagon			
		Name (As	Name (As shown on registration certificate)					Address (As shown			n on rec		· -	
2 0	wner	180 Airways, LLC						Address 854A Centre		tre St				
2. 0	WIIGI							city Ridgeland			<del></del>	State MS Country USA		—
							3 6	or FAA Use	Zip 39157			Coun	try OSA	
	4. Ty	ре					5. L	Init identifica	ition					
R	tepair	Alteration	U	nit		Mai	ike Mor			Model		Serial No.		
		<b>7</b>	AIRFRA	ME				(As described in Ite		Item 1 a	bove)			
			POWER	RPLANT										
			PROPE	LLER										
			APPLIA	NCE	Type Manufacturer		<del></del>							
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		uis Ingram					ઁ┤		ficated Mechanic		<del>-</del>	C. Certifi	ufacturer icate No.	
City	Semir	nary			State MS	_	コ	Certificated Repair Station			A&P3714464			
Zip	<u>39479</u>		untry US/	-					faintenance Organ			_		
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BY		A Designee	,	Rep	air Station	X	Ins	spection Author	orization	Othe	er (Spe		,	
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MOTICE
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.

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Additional Sheets Are Attached

#### Reportment of Transportation—Federal Aviation Administration

# Supplemental Type Certificate

Number SA01120SE

This certificate, issued to

AP Enterprises, LLC
DBA Mountain View Aviation
PO Box 31
Hubbard, OR 97032

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Stegulations.

Original Product - Type Certificate Number:

\*See attached FAA Approved Model List (AML)

Make:

No. SA01120SE for list of approved airplane models and applicable airworthiness regulations.

Description of the Type Design Change. Installation of Door Steward in accordance with drawings listed on Approved Model List SA01120SE, dated September 9, 2002, or later FAA approved revision.

Limitations and Conditions. Approval of this change in type design applies to the airplane models listed on the AML only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and FAA Approved Model List (AML) No. SA01120SE must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the

Federal Aviation Administration.

Date of application.

June 17, 2002

Date reissued:

Date of issuance:

September 9, 2002

Date amended



Acting Manager, Seattle Aircraft

Certification Office

Bu direction of the Aa

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

# UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

# STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS	2 MANUFACTURER AND MODEL	3 AIRCRAFT SERIAL NUMBER	4 CATEGORY
N180MS	CESSNA 180J	18052551	NORMAL

#### 5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

# NONE

#### **6 TERMS AND CONDITIONS**

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
R 01-23-75	MARK A. OCHS	DART-830176-SV

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years or both.

THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

#### FAA Form 8100-2 (3-08)

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#### 180 Airways LLC



854-A Centre Street Ridgeland, MS 39158 (601) 968-7945

December 30, 2011

Jackson, MS, FSDO C/O Mark Ochs DART-830176-SW

Mr. Ochs,

The Airworthiness Certificate for Cessna 180MS has been lost or misplaced and cannot be found. I am requesting a replacement certificate.

Cessna 180MS is a 1975 Cessna 180J, serial number 18052551. It is registered to 180 Airways LLC.

Thank You for your assistance in this matter.

ALLEN E. BREWER-

Member, 180 Airways LLC

601-968-7945

allen.brewer@us.army.mil

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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	
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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

	s and dispos violation. (49			require	ea by	/ Iaw (49 U.S	s.C.§44701	). Fai	iure to repor	τ can res	sult in a civil penalty for
		lity and Reg	istration Mark	ē.			Serial N 18052				
1. Aircraft	Make						Model			S	Series
	Cessn						180J				•
								s (As shown on registration certificate) 854A Centre ST			n certificate)
2. Owner							City	Ridg	geland		State MS
			*				Zip	391	57-4515	Country	USA
	<del> </del>				3. Fo	r FAA Use (	Only				
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		<del></del>	·,								
4. Ty	ype			•	5. U	nit Identifica	ation				1
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	X	AIRFRAME			;		( As desci	ribed	in Item 1 ab		
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	dison		State MS			Certificated Re		-			3398557
Zip <u>391</u>		Country USA		·		·	aintenance Org				
have be	en made in a	accordance		nts of F	art 4	43 of the U.S					rse or attachments hereto hat the information
Extended ra per 14 CFR	_		Signature/Date of	Authoria	zed I	ndividual					
Арр. В		<u></u> j	HUUU	04		Un	~			De	cember 7, 2011
				7. App	rova	al for Retur	n to Servic	е			
			rsons specified be n Administration a		unit	identified in			pected in the		er prescribed by the
In	AA Fit. Stan	dards	Manufacturer		Mai	ntenance O	rganization				by Canadian nsport
BY F	AA Designe	e	Repair Station	x	Ins	pection Auth	orization		Other (Spec	cify)	,
Certificate of Designation 3398557			Signature/Date of	Anthori			AUID C	<u></u>	ENTRE	KNO	ecember 7, 2011

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.

<ol><li>Description of Work Acc</li></ol>	complished
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(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N180MS

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to all th**or**ealisals and had be written to the control of the type of the control of the statement of the professional and the control of th Final Service December 7, 2011.

Nationality and Registration Mark

Date

Installed Airwolf Filter Corporation Remote Mounted Oil Filter Kit AFC-K008-C in accordance with installation instructions AFC-K008-II-C as amended 10/01/02. This installation is approved under STC SA00079NY approved model list as amended 7-21-99 item 9. Instructions for continued airworthiness are attached. STC permission statement is attached. The aircraft weight and balance were corrected by aircraft reweighing.

#### INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

A/C Make: <u>(ESSNA</u> Model: 1805 S/N: 18052551 Reg#: <u>N180M5</u>

Revi	sion: Date: DEC 7, 2011
This (HB.	sixteen item checklist are Instructions for Continued Airworthiness (ICA), to comply with FAA Handbook Bulletin for Airworthiness AW-98-18 Dated October-7, 1998), are applicable to the aircraft above when the following equipment is installed:
	Airwolf Filter Corp 15369 Madison Rd Middlefield, OH 44062
ITEM	CHECKLIST INFORMATION
1.	Introduction: This section briefly describes the aircraft, engine, propeller, or component that has been altered. Include and other information or the content, scope, purpose, arrangement, applicability, definitions, abbreviations, precautions, units of measurement, reverenced publications, and distribution of the ICA as applicable.
	Comment:
2.	Description: Of the major alteration, it's function including an explanation of it's interface with other systems, if any.
	Comment: Installation of Airwolf Remote Mounted Oil Filter Kit P/N AFC-K008
3.	Control: Operation information: Or special procedures if any.
	Comment: Pre-heating of both the engine and engine oil is recommended prior to starting the engine during periods of cold weather where the temperature is 30°F or below.
4.	Servicing information: Such as types of fluids used, servicing points, and location of access panels, as appropriate.
	Comment: Oil System to be serviced in accordance with Continental Aircraft Engine Service Bulletin M87-12 Rev 1 or higher. Oil should be changed at least once each 12 months. Cut the old filter open with Airwolf AFC-470 oil filter cutter at each oil change and inspect for metal contamination or any evidence that may indicate impending engine problems.
5.	Maintenance Instructions: Such as recommended inspection/maintenance periods in which each of the major alteration components are inspected, cleaned, lubricated, adjusted, tested, including applicable wear tolerances and work recommended at each scheduled maintenance period. This section can refer to the manufactures instructions for the equipment installed where appropriate e.g. functional checks, repairs, inspections It should also include any special notes, cautions, or warnings as applicable.
	Comment: Inspect for security at each annual or 100 hr. inspection. After any oil change, always ground run the engine and check for leaks before flight.
6.	Trouble shooting information: Information describing probably malfunctions, how to recognize those malfunctions, and the remedial actions to be taken.  Comment:N/A
7.	Removal and replacement information: This section describes the order and method of removing and replacing products, parts, and any necessary precautions. This section should also describe or refer to the manufacture's instructions to make required tests, trim checks, alignment, calibrations, center of gravity changes, lifting or shoring, etc., if any.
	Comments:N/A
8.	Diagrams: Of access plates and information, if needed, to gain access for inspection.
	Comment:N/A
9.	Special inspection requirements: Such as X-ray, ultrasonic testing, or magnetic particle inspection, if required.
	Comment:N/A
10.	Application of protective treatments: To the affected area after inspection and/or maintenance, if any.
	Comment:N/A

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NISOMS DEC7,2011

	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
11.	Data: Relative to structural fasteners such as type, torque, and installation requirements if any.
	Comment:N/A
12.	List of special tools: Special tools that are required, if any.  Comment:N/A
13.	For commuter category aircraft: The following additional information must be furnished, as applicable:  A. Electrical Loads B. Methods of balancing flight controls. C. Identification of primary and secondary structures> D. Special repair methods applicable to the airplane.
	Comment:N/A
14.	Recommended overhaul periods: Are required to be noted on the ICA when an overhaul period has been set by the manufacturer of a component, or equipment. If there is no overhaul period, the ICA should state for item 14: "No additional overhaul time limitations."  Comment:N/A
15.	Airworthiness Limitation Section: Include any "approved" airworthiness limitations identified by the manufacturer of FAA type Certificate Holding Office (e.g., An STC incorporated in a larger field approved major alteration may have an airworthiness limitation.) The FAA inspector should not establish, alter, or cancel airworthiness limitations without coordinating with the appropriate FAA type Certificate Holding Office. If there are no changes to the airworthiness limitations, the ICA should state for item 15: "No additional airworthiness limitations" or "Not Applicable."  Comment:N/A
16.	Revision: This section should include information on how to revise the ICA. For example, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspection accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337.  Comment: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337.
in ac ali	TE: Inplementation and Record Keeping: For major alterations performed in accordance with FAA Field Approval policy, the owner operator operator gunder part 91 is responsible for ensuring that the ICA is made part of the applicable section 91.409 inspection program for their aircraft. This is is is complished when a maintenance entry is made in the aircraft's maintenance record in accordance with section 43.9. This entry recorded the major teration and identifies the original ICA location (e.g., Block 8 of FAA Form 337, dated 5/28/98) along with a statement that the ICA is now part of e aircraft's inspection/maintenance requirements.
th m	or major alterations performed in accordance with field approval on air carrier aircraft, the air carrier operator is responsible for ensuring that e ICA is made part of the applicable inspection/maintenance program for their aircraft. If a procedure is not currently included in the operator's anual to incorporate ICA, this process will need to be appropriately addressed (i.e. the operator submits a revision to its maintenance program to the oplicable certificate-holding district office (CHDO).
	or aircraft inspected under an Approved Aircraft Inspection Program (AAIP), the operator will submit a change to the CHDO in accordance with ection 135.419b).
re to	or air carrier aircraft inspected using an annual/100 hour inspection program, a reference to the new ICA will be made in the aircraft's maintenance cord in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., ICA are located/attached Block 8 of FAA Form 337, dated 5/28/98). In addition, the operator will request a revision to the operator's Operations Specifications, additional

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### N180MS DEG7,2011

23755

7/27/2011

Invoice No:

Invoice Date:



#### INVOICE

**ALLEN BREWER** 

820 CHANNING PLACE

Bill to:

#### AIRWOLF FILTER CORP

15369 Madison Rd. Middlefield, Ohio 44062-8404 U.S.A.

(800) 326-1534	. •
(440) 632-5139 / (440) 632-1685 Fax	
Website: www.airwolf.com	
sales@airwolf.com / support@airwolf.com	

Ship to:

BRAND( USA	ON	MS 3904	17	601-992-0407		
			•			
ORDER DATE	SHIP DATE	TERMS	F.O.B.	P.O. Number	SHIP VIA	WEIGHT
7/27/201	1 7-27-201		rd Middlefi	eld	UPS GROUN	D
ОΤΥ	ITEM NO	DESCRIPTI			UNIT PRICE	AMOUNT
1	AFC-K008-C	Oil Filter	Kit - Cont 470/5	520/550	\$480.00	\$480.00
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		S/N 1805	2551			
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WAIV	ER OF LIABILITY AND IN the as Airwolf Filter Corp. has a	DEMNIFICATION AGREE	MENT	arts supplied by it, nor any opportunity to p	articipate in the design or manufacture	of the product it sells.

or of the various homebuilt and certificated aircraft in which its parts are utilized, the purchaser, by placing this order with Airwolf Filter Corp. and accepting the parts, agrees that all materials purchased will be used soley at purchaser's risk and that the purchaser will indemnify and hold Airwolf Filter Corp., its owners and employees, free, and harmless for all loss, liability, and damage resulting from claims brought by reason of any alledged failure or defect of any parts or parts supplied by Airwolf Filter Corp.

Any and all requests for return authorization must be made within 30 days from date of invoice and are subject to a 20% restock fee. All returns must be new and unused.

This invoice serves as a one time authorization to
install the above described Airwolf Oil Filter Kit and or
AirSep on the aircraft listed above.
Modification is to be done I/A/W Airwolf's STCs.

SUBTOTAL:	\$480.00
	\$0.00
SALES TAX:	
SHIPPING:	\$15.00

ORDER TOTAL:	\$495,00
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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
f	or FAA Use Only
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	Nationalit	y and Registrat	on Mark	-			Serial No.	-					_
1. Aircraf	•	N-180MS					18052551						
i. Aliviai	Make	Make					Model				Series		
	Cessna						180				J		_
2. Owner		s shown on regi	stration certificate)				Address (As a Address 4854 City Jack	, 1-5		-	certificate)	State MS	_
	Philly (	Group,Inc.					Zip 3921			Coun	try USA	_ 0.0.0	-
	i i i i i i i	310ap,mo			3. 1	For FAA Use	<u> </u>						=
4.	Туре				5.	Unit Identifica	ation						_
Repair	Alteration	Unit		Ma	ke			Мо	del			Serial No.	_
	V	AIRFRAME					(As describe	ed in	ltem 1 a	above)			
		POWERPLAN	Т										
		PROPELLER											
			Туре										
		APPLIANCE	Manufacturer										
		ł		6	Co	onformity Sta	toment				<u> </u>		_
A Agenc	/'s Name and A	ddress			_	Kind of Agend							_
	elton Watkins				7		ated Mechanic			Man	ufacturer		-
Address PC				_	•	Foreign Certi	ficated Mechanic			C. Certifi		****	-
City Me	eridian		State MS	_		Certificated F	Repair Station						-
Zip <u>39</u>	302 co	untry USA		_		Certificated N	naintenance Organ	nizatio	n	262944	4299		
have	e been made in	accordance wit	tion made to the use to the requirements to the best of my k	of I	Part	t 43 of the U.S							
per 14 CF	range fuel R Part 43	Sign	nature/Date of Auth Huthur Iton Wath	noriz	ed	Individual	- 0040						_
Арр. В				_									
						val for Return							_
			sons specified be dministration and is		th		Approved		inspect Rejecte		e manner	prescribed by the	;
ВҮ	FAA Fit. Stand Inspector	lards Ma	nufacturer		Ma	aintenance Or	ganization		Depar	tment of Tr	ed by Canadi ransport	an	
	FAA Designee		pair Station	<b>/</b>		spection Auth		Othi	er (Spec	ory) 			
Certificate Designatio	n No.		nature/Date of Auth	oriz	ed	Individual T	ODD T. PI	RYO	R 291	1,			
	321843	0	1800	<u> </u>	$\mathcal{L}$	119	. / .	4	241	10			_
FAA FO	rm 337 (10-06)		\ I										

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.

<ol> <li>Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national sheets.</li> </ol>	onality and registration ma	rk and date wo	rk completed.)
	N-180MS	21	Dec 2010
Installed Selkirk Aviation, Inc. Interior Kit (SA55-100) and Side	Nationality and Registra		Date
Selkirk Aviation (FAA Repair Station# LOGR640P) manufacture 2000 and attached Supplemental Type Certificate (STC). Selkir post (SA55-01), Right side front door post (SA55-02), Left side Left side door panel (SA55-05), Right side door panel (SA55-06) panel (SA55-08), Right side aft panel (SA55-09), Baggage doo (SA55-11), Left side aft window fairing (SA55-12), Baggage do (SA55-15), Right side aft fairing (SA55-16), Left side front wind tunnel cover (SA55-19), Trim control wheel cover (SA55-20), R	e's kit drawing and in tk Aviation Kit parts to front panel (SA55-03 6), Right side middle tr panel (SA55-10), R or post fairing (SA55-17) ow fairing (SA55-17)	structions, dutilized were:  B), Right side panel (SA55 ight side aft -13), Right s , Left side af	ated November 21, Left side front door front panel (SA55-04), 5-07), Left side middle window fairing ide front window fairing t fairing (SA55-18) Flap
(SA55-23) Fuel tank selector cover (SA55-24), Baggage front p			
END			
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Additional Shoo			

America United <del>D</del>tates of

**Federal Aviation Administration** Devartment of Transportation -

#### Supplemental Type Certificate

Number SA00679SE

This certificate, issued to

Selkirk Aviation Inc. 3377 West Industrial Loop Coeur d'Alene, ID 83815

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part \_\* of the \* Regulations .

Original Product — Type Certificate Number:

\* See attached FAA-pproved Model List (AML)

Model

No. SA00679SE for a list of approved airplane models and applicable airworthiness regulations.

Description of the Type Design Change: Fabrication and installation of interior fiberglass trim panels in accordance with Selkirk Aviation Master Drawing List SA55-00, Revision A, dated December 1, 1998, or later FAA-approved revision and Installation Instructions SA55-II, Revision A, dated December 1, 1998, or later FAAapproved revision.

Limitations and Conditions. Approval of this change in type design applies to the aircraft models listed on the AML only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and FAA AML No. SA00679SE must be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, reveled, or a trypination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: Cessna 180J

Date reissued:

May 20, 2010

Date of issuance: 1975, 1999

By direction of the Advent

55-100 interi<del>or kit and S</del>

(Title)

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# FAA-APPROVED MODEL LIST (AML) SA00679SE FOR

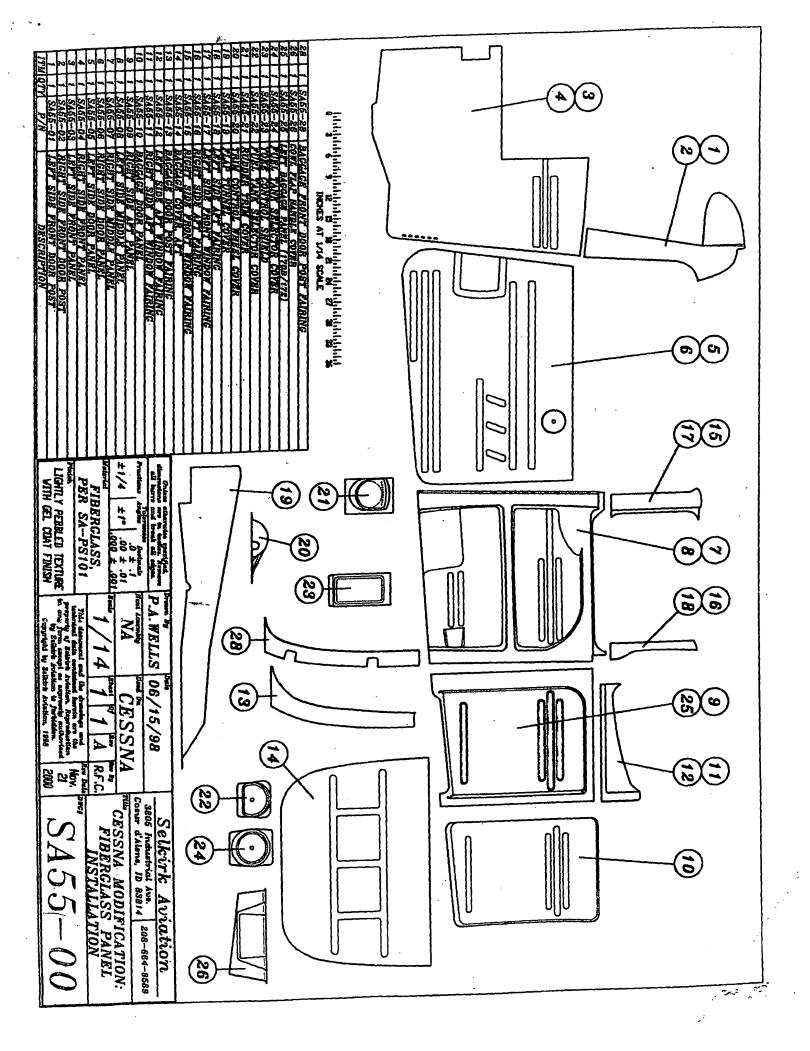
# SELKIRK AVIATION INTERIROR TRIM PANELS and DOME LIGHT COVERS

ISSUE DATE: March 5, 1999

10	September 3, 2002; January 15, 2003; May 20, 2010	AMENDED: September 3, 2002	AME				
	ing Manager, Seattle Aircraft Certification Office	Acti			. #		
	de	1 /	FAA Approved:				
r'	N F p	^ <b>-</b> E-			oved Revision	** Or later FAA-approved Revision	*
ved	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Limited application, see airplane serial numbers listed in Installation Instructions SA55-II, Revision E, dated	sted in Installation Instruc	ial numbers lis	, see airplane ser	* Limited application Revision	ᇛᆂ
	n S el	١,			A185F		
	Revision E, date 0/1/2002				185F, A185E,		
	1 1 55	Installation Instructions: 0	TCDS 3A24		185D, 185E,		
17 13/2003	Revision E. dated 10/1/2002	SA-59-00	and	0761	185B, 185C.	001	ç
1/15/2003	*	Macter Prawing List:	CAB 3	ACAE	185 1854	CECCNA	n
	Newision E, dated 10/68002	SA59-II	I CDS 3A13	-	1820		_
	Revision E, dated 10/472002	SA-59-00	and		182B, 182C,		
1/15/2003	<b>n</b> 1	Master Drawing List:	CAR 3	3A13	182, 182A,	CESSNA	Ģ.
	eı				180K		
	nevision n, dated to 10002	SX59-1			180H 180 I		
	Description of the second	Installation Instructions:	I CDS 5A6		180D, 180E,		
	Revision E, dated 10/472002	SA-59-00	and		180B, 180C,	_	
1/15/2003	cit	Master Drawing List:	CAR 3	5A6	180, 180A,	CESSNA	4.
	Revision E, dated 10/172002	SA59-II					
	ın	Installation Instructions:	•				
	Revision E, dated 10/12/002	SA-59-00	May 15, 1956		175B, 175C		
1/15/2003	1	Master Drawing List:	CAR 3, dated	3A17	175, 175A,	CESSNA	ω
	Revision E, dated 10/# 2002	SA59-II	through 3-12				
	Revision E, dated 10/2002	SA-59-00	Nov. 1, 1949,		1/28, 1/2C		
1/15/2003	5	Master Drawing List:	CAR 3, dated	3A12	172, 172A,	CESSNA	?
	Revision E, dated 10/1/2002	· SA59-II					
-	0	Installation Instructions:	amended by 3-12				
	Revision E, dated 10/1/2002	SA-59-00	Dec. 12, 1946,	_	170B		
1/15/2003	5	Master Drawing List:	CAR 3, dated	A-799	170, 170A,	CESSNA	
DATE	Zevision ,	Clawing	ALTERATION	NUMBER	ָ ר ר		
אל ע	Devision**	Drawing	BASIS FOR	71	MODEL	MAKE	
AM	FAA-APPROVED MASTER DRAWING LIST	EAA-ADDROVED MA	CERTIFICATION	ORIGINAL	* AIRCRAFT	AIRCRAFT	7 F S

**AMENDED:** September 3, 2002; January 15, 2003; May 20, 2010

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Please note: Selkirk Aviation strives to trim each part to ¼ inch of the finished trim. It is the responsibility of the customer to finish the trimming and fit to the airplane.

Tools helpful for trimming parts: tin snips (for cutting flat areas only), belt sander (turned upside down and clamped to a table), sanding block with coarse paper, drum sander in electric drill, assorted files, and to attach fiberglass parts use #4 screws ½ inch long with NAS 391B4P finishing washers and a #42 drill bit.

KIT A

1945

Instructions for installing fiberglass parts for Cessna 180 years 1964-81 serial numbers 18051313 through 18053203. Cessna 182 years 1960 and 1961 serial numbers 52359 to 18253008. Cessna 185 years 1961 through 1985 serial numbers 1850001 through 18504425.

Remove the original interior trim pieces and save the attaching hardware for re-installation. If desired, the original screws and washers may be replaced by #4 countersunk sheet metal screws ½ inch long and NAS 391B4P finishing washers. Drill #42 holes through the new Selkirk parts and into the aircraft structure as close as possible to the original attach holes.

Install airplane front pieces first:

Install 55-01 and 55-02. Next install 55-03 and 55-04. For easiest installation of door panels, remove the door and place it on a flat surface. Then install 55-05 and 55-06.

Remove the original interior trim pieces and save the attaching hardware for re-installation if desired. The original screws and washers may be replaced by #4 countersunk sheet metal screws ½ inch long and nas391b4p finishing washers. Drill #42 holes through the new Selkirk parts and into the aircraft structure as close as possible to the original attach holes.

CAUTION: WHEN INSTALLING 55-07, 55-08, 55-15 and 55-17, locate aluminum fuel line.

Do not drill into the fuel line!

Next install right airplane rear pieces as follows: Install 55-09-1 first. Secondly, install 55-07 which will overlap 55-09-1. Then install 55-15 which will overlap the top of 55-07. Next install 55-11-1 which will overlap 55-09-1. Lastly install 55-16. Note: 55-07, 55-11-1 and 55-16 slip under the lip of the window. Note: Do not try to tuck the aft side of 55-16 and 55-18 into the window post. Let it go straight back to the plexiglass.

Next move to the rear left side of the airplane. Install 55-08 first. Secondly, install 55-17 which will overlap 55-08. Next install 55-13, 55-28, 55-12-1 and 55-18. Next install 55-10 and 55-14. Note: pieces 55-08, 55-12-1 and 55-17 slip under the lip of the window.

Now you are ready to install the tunnel. First locate, measure and drill hole for the airplane's gas shut-off valve. Raise flap handle to 40 degrees position. Slide tunnel cover over flap handle and down on to the tunnel. Next position 55-20 and install. Then position 55-21 and install. Then position 55-22 (use 55-22-1 for 1979 C185 and newer airplanes) or (55-24 for all C180 and 182) and install. Lastly drill holes in 55-23 and install. For 1977 and newer airplanes position and install 55-26. The last step is to install decals, first clean area decal will cover with alcohol or rub area with a Scotchbrite pad to remove wax from mold, then cut out decal and install in appropiate area.

Note: To remove scuffs use a clean Scotchbrite pad, then to remove light scratches coat with Armorall.

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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
F	or 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)) Nationality and Registration Mark Serial No. **N180MS** 18052551 1. Aircraft Viake Model Series 180J Cessna Name (As shown on registration certificate) Address (As shown on registration certificate) Address 4854 I-55 North 2. Owner Jackson State MS Philly Group Inc 39211 Country USA 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Unit Make Model Serial No. (As described in Item 1 above)  $\overline{\mathbf{V}}$ AIRFRAME **POWERPLANT PROPELLER** Туре **APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency David C Entrekin U. S. Certificated Mechanic Manufacturer 273 Ingleside Dr Foreign Certificated Mechanic C. Certificate No. State MS Madison Certificated Repair Station Country USA 39110 A&P 3398557 Certificated Maintenance Organization Zip 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 Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 Oct 2, 2010 App. B 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 Persons Approved by Canadian FAA Fit. Standards Maintenance Organization Manufacturer Department of Transport Inspector ΒY Other (Specify) Repair Station Inspection Authorization FAA Designee Signature/Date of Authorized Individual Certificate or Designation No. Oct 2, 2010 3398557

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.

		N180MS		Oct 2, 2010
		Nationality and Registra	ition Mark	Date
Removed the airframe optional EGT systemstalled an Electronics International Inc PT-100GA in accordance with installation from the primary bus via a dedicated 5 a C43a (2% tolerance) for both pressure a SA5925NM approved model list dated 2 The maximum continuous alternator load	OPT-1 Oil pressurn document OI 05: mp circuit breaker and temperature in 17-93, item 7. The	re and temperature gage 20911 Rev C dated 10/8/ labeled "Oil Inst". This s dications. This installation e net effect on aircraft we	and pres /97. Power ystem is n is appro eight and	ssure transducer er for the unit is derived approved under TSO C47 oved under STC
Note: this gage is custom programmed from TCM IO470S engine as derived from TC match programed in accordance with the	DS 3E1. Any repla	acement gage for this air	craft mus	t be ordered from El and
· · · · · · · · · · · · · · · · · · ·			** · -	•

Additional Sheets Are Attached

US Department
of Transportation
Coderet Autobles

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

OMB No. 2120-0020 2/28/2011	
For FAA Hee Only	

Administration 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)) Nationality and Registration Mark Serial No. N180MS 18052551 1. Aircraft Make Model Series Cessna Name (As shown on registration certificate) Address (As shown on registration certificate) Address 4854 I-55 North 2. Owner State ms Jackson Philly Group Inc Zip 39211 Country usa 3. For FAA Use Only 5. Unit Identification 4. Type Serial No. Repair Alteration Unit Make Model (As described in Item 1 above) **AIRFRAME POWERPLANT** PROPELLER Туре **APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Manufacturer David C. Entrekin Address 273 Ingleside Dr Foreign Certificated Mechanic C. Certificate No. Certificated Repair Station State MS City Madison Country USA 39110 Certificated Maintenance Organization Zip A&P 3398557 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 App. B Sept. 6, 2010 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 Persons Approved by Canadian FAA Fit. Standards Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) Inspection Authorization **FAA Designee** Repair Station Signature/Date of Authorized Individual Certificate or Designation No. Sept. 6, 2010 3398557

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.)		
	N180MS	Sept. 6, 2010
Nationality and Registration Mark  Date  Item One: Installed JPI, Inc. EGT 701 engine monitor system in accordance with JPI Report 103 rev. E. This installation is approved under STC SA2586NM approved model list dated 8-22-08 item 34.  Item Two: Installed BAS Inc. Inertial restraint system in accordance with report 1600 rev. A. This installation is approved under STC SA2067NM approved model list dated Nov. 29, 2000 item 7. The serialized and registration number assigned cover sheet and hence STC permission is attached.		
Weight and Balance computations were amended by calculation.		
en de la composição de la		
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☑ Additional She	ets Are Attached	

#### Hutted States of America

#### Department of Transportation—Federal Aniation Administration

# MOORTANT DOCUMENTAL Cype Certificate

KEEP WITH AIRCRAFT RECORDS

Number SA2067NM

This certificate, issued to

BAS, Inc. P.O. Box 190 13319 419<sup>th</sup> Street East Eatonville, WA 98328 Reg # N /80 M S AC Ser. # /80 5 2 55 J B.A.S. Inc. Ser. # /3599 1. /3600

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.

Original Product - Type Certificate Number:

Make.

\*See attached FAA Approved

Model List (AML) No. SA2067NM for

list of approved airplane models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of BAS, Inc. TSO Shoulder Harness and BAS Inc. Harness System in accordance with the appropriate BAS Report listed on FAA AML SA2067NM, dated November 29, 2000, or later FAA approved revision.

Similations and Conditions. Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and FAA Approved Model List (AML) No. SA2067NM must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application:

December 22, 1982

Date roissued

April 15, 1986

Date of issuance:

June 2, 1983

Date amended.

April 4, 1984, August 18, 1989

November 29, 2000

By direction of the Administrator

Acting Manager, Seattle Aircraft

Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

# US Department of Transportation

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

Since 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 in	
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 the contract of t	nstructions
for each such violation (Section 901 Federal Aviation Act of 1958).	ceed \$1,000
To cach sect violation (Section Sof Federal Aviation Act of 1936).	

for each suc	h violation (Section	n 901 Federal Avia	tion Act	of 1958).	mure to rep	on can result in a	civii pena	ity not to exc	eed \$1,000	
1. Aircraft		SNA			Model	1800	5			
i. Anoidi.	Serial No. /80	252551								
2. Owner	Name (As shown Philly Gro	on registration cer	rtificate)	ı	N 180 M S Address (As shown on registration certificate) 4854 I-55 North					
			<del></del>		JACKE	son Mississ	ippi	3921/		
				3. For FAA Use Or	nly					
	T			4. Unit Identificati	on			5. Type		
Unit	, Ma	ke		Model		Serial No.		Repair	Alteration	
AIRFRAME (As described in Item 1 above)										
POWERPLANT	Teledyne- C	Continental	I	0-470-S		46060	3	·	×	
PROPELLER						·				
	Туре						<del></del>			
APPLIANCE	Manufacturer	;								
^ ^ === = = Ala Al				Conformity States				l		
	lame and Address			B. Kind of Agency		<del></del>	C. Certi	ficate No.		
MENA MI	crapt Engine	1 WC	}	U.S. Certificated Foreign Certific		nic	2000			
•			. [	Certificated Rep		.="	54	S9QR340N		
		11953		Manufacturer						
Have Dee	hat the repair and/o n made in accordar I herein is true and	nce with the requir	rements d	Of Part 43 of the U.S	m 4 above a S. Federal	nd described on the Aviation Regulation	he reverse ons and th	or attachme at the inform	nts hereto nation	
Date				Signature of Author	orized Indiv	vidual				
Juve	25, 2010	)		Robert	mlh)		Rober	4 Sm. H	تار ا	
				proval for Return To						
Administrate	the authority giver or of the Federal Av	n persons specifie iation Administration	d below ion and i	the unit identified is APPROVE	d in item 4 D R	was inspected in EJECTED	the man	iner prescrib	ed by the	
	A FIt. Standards pector	Manufacturer		Inspection Authoriza	ation	Other (Specify)				
FAA	Designee X	Repair Station		Person Approved by Canada Airworthine	/ Transport					
June 25,	•	Certificate or Designation No.		Signature of Autho	P	$\sigma$	host	Sm.th:	Jr.	
		STUKOTO	~		mis	k	.,,,,,,			

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.

	dditional sheets. Identify with aircraft nationa	lity and registration mark and date work completed.)
Modifications, Inc. G PMA No. PQ821SW per dated September 25, ]	AMIjectors Kit No. <u>(p. 1072)</u> GAMIjector Installation Prod 1996. No change in weight a	C and installed General Aviation S/N 20//S STC No. SE09217SC Sedure No. IP-96-001 (Rev 004) and balance. ////////////////////////////////////
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#### United States Of America

Department of Transportation - Acceral Abiation Administration

# Supplemental Type Certificate

Number SE09217SC

This Certificate issued to

General Aviation Modifications, Inc. 2800 Airport Road Hangar A Ada, OK 74820

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the aircorthiness requirements of Part \* of the \* Pregulations.

Original Product Type Certificate Number:

[see attached FAA Approved Model List (AML)

Make:

for list of Approved models and applicable airworthiness

Model:

regulations]

Description of Type Design Change. Installation of modified fuel injector nozzles in accordance with General Aviation Modifications Inc., "Data List", Revision 003, dated September 24, 1996, and Installation Procedure No. IP-96-001, "GAMIJECTOR Installation Procedure for Teledyne Continental Motors (TCM) IO-550/520/470 Engines", Revision 004, dated September 25, 1996, or later FAA approved revisions.

Einitations and Conditions. Compatibility of this design change with previously approved modifications must be determined by the installer. This STC does not allow any adjustment to the fuel injection control unit. Compliance with the following Teledyne Continental Service Bulletins is required: M78-11 Fuel Injection System Inspection; M85-19 Fuel Injection System Application Guide; M87-12 Rev. I Recommended Fuel and Oil Grades; M89-10 Fuel System Adjustment; and M89-18 EGT Recommendations.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application December 22, 1995

Dato of issuance . April 30, 1996

Dato reissued :

Dato amended: 9/27/1996; January 08, 1997, Rev. 2

By direction of the Administrator

(Sig

A. J. Merrill

Manager, Special Certification Office

Southwest Region

(Title)

# FAA APPROVED MODEL LIST (AML)

STC No. <u>SE09217SC</u>

General Aviation Modifications, Inc. 2800 Airport Road, Hangar A Ada, OK 74820

Date of Issuance: April 30, 1996

Date Amended: January 08, 1997, Rev. 2

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation / Part
1	Teledyne Continental Motors	IO-470-A & C	E-273	CAR 13
2	Teledyne Continental Motors	IO-470-D, E, F, G, H, J, K, L, LO, M, N, P, R, S, T, U, V, VO, & L/IO-470-A	3E1	CAR 13
3	Teledyne Continental Motors	IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, & MB	ESCE	CAR 13
4	Teledyne Continental Motors	IO-550-A, B, C, D, E, F, & L	E3SO	FAR 33

FAA Approved:

Date: January 08, 1997

constitutes the	•	ermission o	f General Aviati	on Modif	ications, Inc.	, 1996) the signature below , allowing the registered gine:
serial number		application	of STC No. SEC	9217SC,	to that speci	, and ONLY that fic engine(s), for the purpose
			Genera	al Aviation	Modification	ons, Inc.

By Tim Roehl, President Or George W. Braly, CEO.

[SEAL]

6-16-10

Date

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

for e	dispositi each suc	on of this form. I h violation (Sectio	his report is required on 901 Federal Aviatio	n Act of	v (49 f 195	8 U.S.C. 1421). Fa 8).	illure to	report can result in	civil penali	ty not to exce	ed \$1,000		
		Make CESSNA	4	············		M	Model 180J						
1. Air	craft	Serial No. 5255	1			Nationality and Registration Mark N180MS							
2. Ow	ner	Name (As show PHILLY GROU	n on registration certi P. INC.	ficate)		Address (As shown on registration certificate) 4854 I-55 NORTH JACKSON MS 39211							
		<u> </u>			3. F	or FAA Use Only							
					4. U	nit Identification	1			5. Type			
	Unit		Make			Model		Serial No		Repair	Alteration		
AIRFR	AME		· · · · · · · · · · · · · · · · · · ·	(As des	cribe	ed in Item 1 above)	)——	· · · · · · · · · · · · · · · · · · ·			×		
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PROPE	ELLER			·						·			
APPLI	PPLIANCE Manufacturer												
				6.	Con	formity Stateme	ent			L			
<u>_</u>	<u>-</u>	ame and Address	<b>.</b>	<del> </del>		Kind of Agency			C. Certific	cate No.			
l .	BOWER	RING COURT			W U.S. Certificated Mechanic					707550			
		S 39110				Foreign Certificated Mechanic 170 Certificated Repair Station				98			
						Manufacturer				···			
ı			alteration made to the unit										
Date	Jance with	the requirements of	Part 43 Of the O.S. Feder	al Aviatio		nature of Authorize			and correc	a to the best of t	ny knowledge.		
		12-18-06			J.g.	M.H.		<u> </u>	<u>·</u>	_			
						l for Return To S				7	· · · · · · · · · · · · · · · · · · ·		
Purs Adm	suant to th ninistrator	ne authority given of the Federal Av	persons specified be viation Administration	elow, the and is	e unit	identified in item 4 CAPPROVED	was ir	nspected in the man EJECTED	ner prescr	ibed by the			
BY -		Fit. Standards ector	Manufacturer	x	Insp	pection Authorizati	on	Other (Specify	)				
		Designee · ·	Repair Station		Can	son Approved by nada Airworthines	s Group	P					
Date o		ral or Rejection -18-06	Certificate or Designation No. 1707558		Sign	nature of Authorize	ed Indiv	$\gtrsim$ .					
FAA	Form 3	<b>37</b> (12-88)	1		tronic V	/ersion (Adobe)	10	<u> </u>	$\Rightarrow$	<del></del>	-		

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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 appicable airworthiness requirements.

#### 8. Description of Work Accomplished

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INSTALLED B.A.S. INC. TAIL PULL HANDLE  $\nu$  A/ W STC SA3812NM AND INSTALLATION INSTRUCTIONS TPH-1 REV. D APRIL 14, 2004.

INSTALLED CLEVELAND WHEEL AND BRAKE CONVERSION KIT P.N. 199-62 I/ A/ W STC SA63GL AND INSTALLATION MANUAL IM199-62 AND INSTALLATION DRAWINGS # 50-36. WEIGHT AND BALANCE AND EQUIPMENT LIST ALTERED TO REFLECT INSTALLATION.

----- END -----

Federal Aviation Administration

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

Form Approved OMB No.2120-0020 For FAA Use Only

Office Identification

FSDO-09

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for

instruc exceed	tions   \$1,0	and d	lisposition of the reach such vio	is for latior	m. This report is (Section 901 Fo	s required ederal Av	d by la iation	aw (49 U.S.C. Act of 1958).	1421)	. Failure to	report can	result in	n a civil penal	ty not to	
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			Serial No. 18052551						Nationality and Registration Mark N-180MS						
2. O	wner		Name (As sho PHILLY G		registration certific	≍ate)			Address (As shown on registration certificate) 4854 I-55 NORTH JACKSON, MS 39211						
						3.	For	FAA Use Only	7						
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	Unit		Make					Model		S	Serial No.		Repair	Alteration	
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								or Return To							
					persons specific al Aviation Admir				item OVED	4 was insp	ected in the REJECTE		er prescribed	by	
BY		FAA I	Fit. Standards ctor		Manufacturer		х	Inspection A	Authori	zation	Other (S)	pecify)			
			Designee		Repair Station			Person Appovi Canada Airwo						·	
Date of	f App	roval	or Rejection		Certificate or Des	signation N	lo.	Signature		horized Ind	lividual				
29 DE	EC 2	2003			1757941				Donald W. Reagan						

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.

<ol><li>Description of Work Accon</li></ol>	ıplished
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(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

#### L/H WING

- 1. PLACED L/H WING IN WING JIG.
- 2. REMOVED DAMAGED SKINS FROM WING.
- 3. REPLACED CENTER RIBS 0523514-3 AND 0523515-3 WITH LIKE NEW RIBS.
- 4. REPLACED TRAILING EDGE RIBS 0523511-4 AND 0523512-4 WITH LIKE NEW RIBS.
- 5. INSTALLED NEW UPPER TOP AND TRAILING EDGE SKINS.
- 6. INSTALLED NEW LOWER BOTTOM AND TRAILING EDGE SKINS.
- 7. INSTALLED NEW AFT SPAR 0523206-2.

#### L/H FLAP

- 1. PLACED L/H FLAP IN FLAP JIG.
- 2. REMOVED CORRUGATED SKINS AND LEADING EDGE FROM FLAP.
- 3. REPLACED RIB OUTBOARD WITH NEW.
- 4. INSTALLED NEW CORRUGATED SKINS TOP AND BOTTOM.
- 5. INSTALLED NEW TRAILING EDGE STIFFENER.

<ul><li>3. REPLACED SPAR</li><li>4. REPLACED CORR</li></ul>	JGATED SKINS TOP AND BO	TOP AND BOTTOM.			
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# U.S. Department of Transportation

Codorol Aviotion

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

Form Approved OMB No.2120-0020

Office Identification

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For FAA Use Only

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instruc	tions a	ONS: Print or type nd disposition of the office of the organization of the organizatio	is foi	m. This report	is require	ed by	۱ ر	Appendix B, and A law (49 U.S.C. 142 on Act of 1958).	AC 43.9-1 (d 11). Failure	r subseque	ent revi	ision thereof)	for
	rcraft	Make Cessna					Model 180J						
		Serial No. 18052551								gistration Mar	k		
2. O	wner		Name (As shown on registration certificate) Philly Group, Inc  Address (As shown on registration certificate) 4854 I-55 North Jackson, MS, 39211									īcate)	
3. For FAA Use Only													
				4. Uni	t Identifi	icatio	10	n				5. T	ype
	Unit		Make	)			٨	Model	Se	erial <b>N</b> o.		Repair	Alteration
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PROP	ELLER												
APPLI	ANCE	Type Manufacturer										i	
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BY		FAA Designee		Repair Station	!		T	Person Approved by T Canada Airworthines	Fransport				
Date o	$\perp$	oval or Rejection	L	Certificate or Des		lo.		Signature of Au		dividual			
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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.)
Dynamic balance weight attached to the propeller spini Balancing document 1000-OM-01 dated June 1996, FA	ner bulkhead flange in accordance with the Aces Systems Guide to Propeller AA approved 10-8-96.
*************	NOTHING FOLLOWS ************************************
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# UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

# STANDARD AIRWORTHINESS CERTIFICATE

NATIONALITY AND REGISTRATION MARKS

2. MANUFACTURER AND MODEL
NUMBER

3. AIRCRAFT SERIAL NUMBER

N180MS

CESSNA 180J

18052551

NORMAL

# 5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

# NONE

# 6 TERMS AND CONDITIONS - .

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE

FAA BEPBESENTATIVE

DESIGNATION NUMBER >

(R)01/23/75

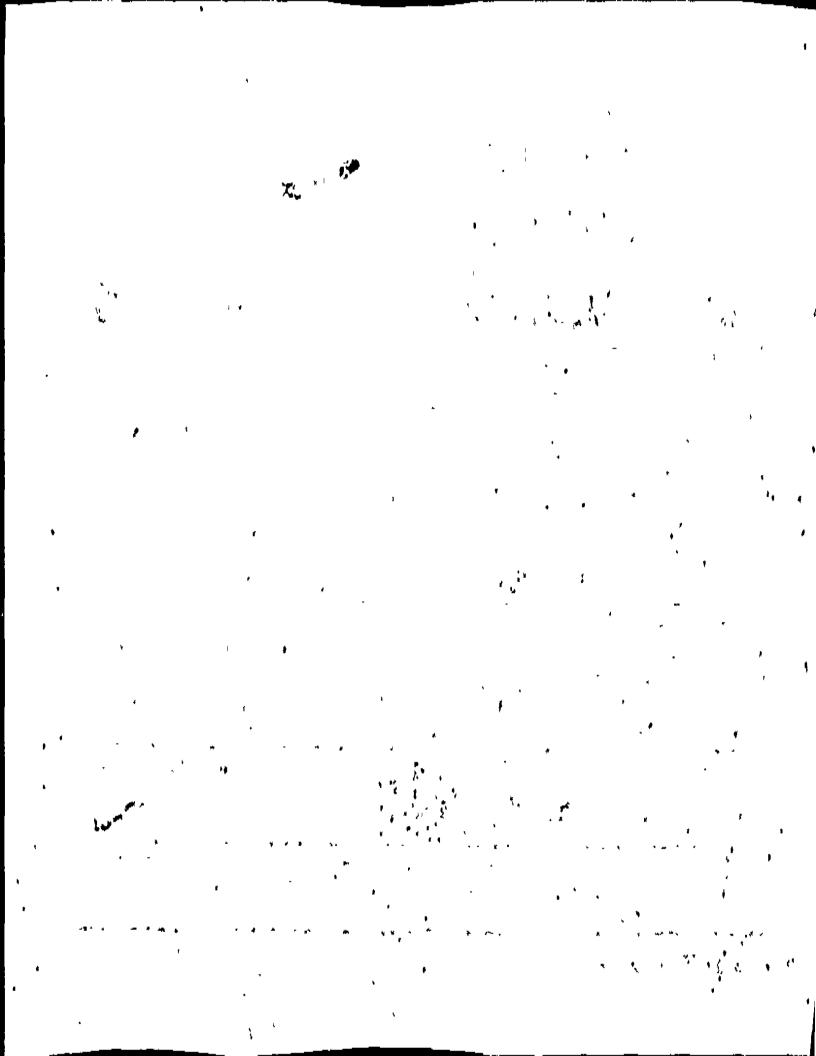
Konnie W Kussum

SO-FSD0-07

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

★U.S.G.P.O.: 1994-568-762



# UNITED STATES OF AMERICA

# DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

# STANDARD AIRWORILLINESS CERTIFICATE

2. MANUFACTURER AND 4. CATEGORY AJRCRAFT SERIAL 1. "NATIONALITY AND REGISTR/ MBER Normal N52194 5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to Rederal Artation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for sale operation, and has been shown to meet the requirements of the applicable comprehensive and detailed approrthiness code as province by Annex 8 to the Convention on International Civil Aviation, except as noted herein. **Exceptions:** None 6. TERMS AND CONDITIONS Unless sooner surrendered, suspended revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative graintenance, and alterations are performed in accordance with Boris at John Recitive Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States **DESIGNATION NUMBER** DATE OF ISSUANCE · 1-23-75

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION—REGULATIONS.

Stated Marie Muguze

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2-17-95 FAA Form 337 (12-88)

US Department of Transportation Federal Avidant	(Alrira	me	e, Powerplan	ıt, Pro	ALTERATION OF Appeller, or Ap	pliance)		Office SC	120-0020 FAA Use On Yiqfi 9/M	-MH
INSTRUCTIO	ONS: Print or type on of this form. The violation (Section	all e	ntries. See FAR 4 port is required to 1 Federal Aviation	13.9, FAF by law (4 on Act o	3 43 Appendix B, 9 U.S.C. 1421). F I 1958).	and AC 43.9 allure to repo	i (or subseque ort can result is	ent revision th n a civil penal:	nereof) for ins ty r.ot to exce	tructions ed \$1,000
tor each such	Make	11 50				Model 18				
. Aircraft	Cessi Serial No.		52551		<u> </u>	Nationality N521	y and Registra 94		λ.,	-
<del></del>			registration cert	ificate)	· Markey	Address (	As shown on r	registration co 1125	ertificate)	
Owner	The Phi	11y	Group, In	c.		Jac	kson, MS	39236	<u>:</u>	
					3. For FAA Use (	Only	2 /		- Carlot	
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	<u> </u>				4. Unit Identifica	ition			5. Type	
Unit	T	Vake	,		Model		Seria	l No.	Repair	Alterati
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PROPELLER		·						,5 		
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Date	2-17-95		/		Signature of A	withorized In	dividual	hui		
					pproval for Retu	n To Service			<u>.</u>	
Pursuant	to the authority t ator of the Federa	jiver	persons specifiation Administra	lied belo	w, the unit iden	tified in item	4 was insper	cted in the m	ianner presci	ibed by t
Administr	ator of the Federa AA Fit. Standards aspector	. , , , , (	Manufacturer		Inspection Auth		Other (Sp		à s	
BY	AA Designee	X-	Repair Station		Person Approvi	ininess Group	2			
Date of App 2-17-	roval or Rejection 95		Certificate or Designation No HX4R24		Signature of			Rec		-

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 airworthingss requirements:

Description of Work Accomplished
(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.) Removed Carter Engineering CE 705E audio panel S/N 474154, King KR-22 marker beacon receiver S/N 7358 and KGS RB 125 power converter. Installed Bendix/King KMA-24 audio panel S/N 101085 and P.S. Engineering PM 1000II intercom S/N 103941-N. Equipment installed in accordance with manufacturers instructions and FAA A.C. 43.13-2A Chapter 2. Updated Log Book, equipment list, weight and balance. ลสมหาวิทยา

US Deports of Fransport Federal Av Administra	onen (Airfr	MAJOR REPAIR ame, Powerplant,		IJON V	RECEIVED RECEIVED	Form Appr SOMB No. OF Fo Office Iden	2120-0020 or FAA Use (	Only	
and disp	osition of this form. T	a all entries. See FAR 43. his report is required by on 901 Federal Aviation	law (49 U.S.C. 1421).	Faiture to r	1.9-Nor sebseque eport, an result	en evision to	hereof) for it Ity not to exc	nstructions seed \$1,000	
	Make CE	SSNA		Model	180J				
1. Aircraft	Serial No.	18052551		Nationa	lity and Registra N52194	ition Mark	-	•	
		n on registration certific		Address	(As shown on I	egistration c	ertificate)		
2. Owner	RIVERSID	E COUNTY SHERIF			ERSIDE, CA	92502	!		
	The	data described herein	3EQCEAA Use	1			•		
	elrwi (he a	orthiness requirements above described aircraft tion by a person author  190 Morre 191	and is approved of the subject conformition of the subject conformition of the subject in FAR 43.7.	nly for y in-				•	
		Approving In	SPSCOnit Identific	BIG-BY	1		5. Type		
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1911	CETT AIRCRAFT MC KINLEY AVE ERNE, CA. 917	3.	Foreign Cert	Foreign Certificated Mechanic C			RADIO #4512 CLASS 1-2 AND LIMITED		
nave	been made in accorda	or alteration made to the ance with the requireme d correct to the best of n	nts of Part 43 of the	tem 4 above	and described of Aviation Regul	n the reverse ations and th	or attachme	ents hereto	
Date	03/20/90 -		Signature of Au	thorized Inc	lividual	INST	. INSPEC	CTOR	
			Approval for Return		7				
		en persons specified be viation Administration a			REJECTED		ner prescrib	ed by the	
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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. Identity with aircraft nationality and registration mark and date work completed.)

Installed King KR10A Radar Altimeter. Installed Dual P.D. Communication Transceivers; RT units placed under rear passenger seat. Installed Carter Audio Distributor System. Installed P.A. System; Amplifiers and Speakers System located in the rear section aft baggage compartment. Installed Search light in the right side of fuselage aft door.

All work was performed in accordance with the manufacturer's instruction manual(s) and AC43.13-1A Chapter 15 Sections 1, 2, 3, 4, 5; and 6. The work was accepted under AC43.13-2A Chapter 2/Sections 21, 22, 23, 25, and 27, and Chapter 3 Sections 36 and 37. Weight and Balance was performed and a logbook entry made. Total electrical output doesn't exceed 80% of alternator output. See Work Order on file at this Repair Station for further information. -NOTHING FOLLOWS-

Additional Sheets Are Attached

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			*		DERAL AVIATION A							. 04-R060 USE ONL	
			MA	JOR	REPAIR AN	D A	LTERATION		·	OFFICE II			-
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5-19-88 FAA Form 337 (7-47)

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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.)

Installed ARNAV model R-30A Loran C navigation receiver. Installed in accordance with manufactures installation manual and A.C.43.13-1A chapter 11 sections 2-3-5&7, and A.C.43.13-2A chapters 2&3. Weight and balance revised, log book entry made.

Aircraft was ground and flight tested for static interferance in accordance with A.C. 90,45A. A "Loran C approved for VFR only" placard was installed on the instrument panel in front of the pilot. An operation manual was added to aircraft logs and manuals.

ADDITIONAL SHEETS ARE ATTACHED

FAA AC 72-4906

☆ U.S. GOVERNMENT PRINTING OFFICE: 1986-659-121/40146

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INSTRUC	TIONS: Print o	r typ	e all entries. See	FAR	43.9,	FAR 43 App	endix B, and	AC 43.9-	1 (or ubsequent	را يصنبند	rereof)
	MAKE					1.1	MODEL				
1. AIRCRAFT	Ces	sna					18		1 14	<u> </u>	
I. AIRCRAFT	SERIAL NO.			•			:	*	REGISTRATION MA	RK	!
			0-52551		·			194			
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2. OWNER	North Co	unti	ry Aircraft S	Sale	s.	Inc.	Duluth,		5811	. рот с	
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D. I certil	ly that the repa nents hereto hav	ir an	d/or alteration m en made in accord	ade to lance :	the with	unit(s) iden	tined in item ents of Part	n 4,aboye €3 of the	e and described of U.S. Federal Aviat	n the rev	erse or lations
and the	at the informati	on fi	rnished herein is	true a	ind c	orrect to the	best of my k	nowledge	t		• •
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FAA Form 337 (7-67)

(8320)

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

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

Installed Stol-Craft kit and droop wing tips in accordance with Stol-Craft drawing 2050 sheet 4 of 4. Approved by STC #SA967CE. New weight and balance calculated and entered in aircraft records. \_\_\_\_END----

MANNEAPOLIS GADO-14 MAY - 4 1988

ADDITIONAL SHEETS ARE ATTACHED

FAA AC 72 4906

\$U.S. GOVERNMENT PRINTING OFFICE: 1986-659-121/40260

1. AIRCRAFT

2. OWNER

UNIT

AIRFRAME

PROPELLER

APPLIANCE

MANUFACTURER

RECEIVED Form Approved Budget Bureau No. 04-R060.1 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION JUN 20 1988 FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance)A-FSDO-AW NM-FSFO-61A 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. MAKE 180J Cessna serial NO. NATIONALITY AND REGISTRATION MARK N52194 180-52551 ADDRESS (As shown on registration certificate)
Hangar One Duluth Int'l Airport NAME (As shown on registration certificate) Duluth, MN 55811 North Country Aircraft Sales, Inc. 3. FOR FAA USE ONLY The alteration identified havein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity Inspection by a person authorized in FAR 43. MAR 1 1988 5. TYPE 4. UNIT IDENTIFICATION NM-FSFO-61 SERIAL NO. REPAIR ATION MAKE cossossesses (As described in item 1 above) POWERPLANT TYPE

	MUL	DRMITY STATEMENT	
	Long	B. KIND OF AGENCY	C. CERTIFICATE NO.
A. AGENCY'S NAME AND ADDRESS		U.S. CERTIFICATED MECHANIC	
North Country Aviation	-	FOREIGN CERTIFICATED MECHANIC	C14-21
8222 Stebner Rd		CERTIFICATED REPAIR STATION	C/7-30/
Dul wth MN 55811		MANUFACTURER	L
DULLWIN NO GOVE			described on the reverse

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.

SIGNATURE OF AUTHORIZED INDIVIDUAL MAR 1 1988

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

OTHER (Specify) INSPECTION AUTHORIZATION ---MANUFACTURER FAA FLT. STANDARDS INSPECTOR CANADIAN DEPARTMENT BY OF TRANSPORT INSPECTOR OF AIRCRAFT REPAIR STATION FAA DESIGNEE SIGNATURE OF AUTHORIZED INDIVIDUAL CERTIFICATE OR DATE OF APPROVAL OR DESIGNATION NO

REJECTION 1 14-2

FAA Form 337 (7-67)  (8320)

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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.)

This 337 is a amendment to 337 dated August 16, 1985.

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The 337 dated August 16, 1985 should have included the McCauley propeller model D2A34C49-N with 190A model blades in its utilization list, which was previously approved on form 337 dated August 21, 1981 Item #1.

This 337 is to cover the addition of the McCauley propeller model D2A34C49-N/  $^{\prime}$ 90A to that list. This 337 does not cover any aircraft system or components not listed here on.

----END-----

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ADDITIONAL SHEETS ARE ATTACHED

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	MAKE	Cessna		· · · · · · · · · · · · · · · · · · ·	MODEL	180J		-	
1. AIRCRAFT	SERIAL NO.	18052551			NATIONALI	TY AND REGINS2194	ISTRATION M	ARK	<del></del>
2. OWNER	Name (As sh North C	own on registration cert ountry Aircr	ificate) aft	Sales Inc.	ADDRESS (A	One, Di	gistration certification IN	TL Ai	rport
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		ir and/or alteration me to been made in accor- on furnished herein is					described or Federal Aviat	the reve ion Regu	rse or lations
De	cember 24	1987	in i	SIGNATURE OF A	Anderso	<i>(</i> ).	HE.C.	Index	
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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.

ADDITIONAL SHEETS ARE ATTACHED

FAA AC-72-490

# U.S. GOVERNMENT PRINTING OFFICE: 1986-659-121/40146

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION Form Approved Budget Bureau No. 04–R060.1 FOR FAA USE ONLY E\_IDENTIFICATION

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) NM-FSFO-61 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. MAKE CESSNA MODEL 1805 1. AIRCRAFT SERIAL NO. 180 52551 NATIONALITY AND REGISTRATION MARK ADDRESS (As shown on registration certificate) NAME (As shown on registration certificate) 2. OWNER Whilehead Insurance Agency WA 510KANE 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT SERIAL NO. MAKE MODEL ATION AIRFRAME POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT C. CERTIFICATE NO. A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY Richard W. Smith U.S. CERTIFICATED MECHANIC 538 36 5565 FELTS FIELD
E SUZY RATTER
SPORANE WA FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION 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. SIGNATURE OF AUTHORIZED INDIVIDUAL 19 Aug 1985 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 Pederal Aviation Administration and is ZAPPROVED TREJECTED FAA FLT STANDARDS OTHER (Specify) MANUFACTURER ..... INSPECTION AUTHORIZATION BY CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR FAA DESIGNEE REPAIR STATION CERTIFICATE OR DESIGNATION NO. 538365565 DATE- OF APPROVAL OR REJECTION SIGNATURE OF AUTHORIZED INDIVIDUAL 19 Aug 1985 (8320) FAA Form 337 (7-67)

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.

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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

# MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

**WM-FSFO461**N (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof)

	ions and disposition of this form.				
	MAKE	•	MODEL		
1. AIRCRAFT	Сеѕѕпа	•	_ 180J —		
1. AIRCRAIT	SERIAL NO. 18052551		NATIONALITY AND REGISTRATION MARK N52194		
	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)	-	
2. OWNER	Whitehead Insurance Agency		1337 S. Grand   Spokane, WA 99202		
	3. FOR F	AA USE ON	LY		
		The al	teration identified berein personles with sacticable		

<u> </u>	4. UNIT IDENTIFI	CATION NM-FSF	0-61	5.	TYPE
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER-
AIRFRAME	(As described	d in item I above)	**************		х
PQWERPLANT				,	9
PROPELLER					
APPLIANCE	MANUFACTURER	₹ <b>7</b>		- '	•

CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATED MECHANIC Charles Rohde FOREIGN CERTIFICATED MECHANIC c/o Felts Field Aviation, Inc Spokane, WA 99211 AP540727162 CERTIFICATED REPAIR STATION 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	TI THE TREE STATES TO THE	SIGNATURE OF AUTHORIZED INDIVIDUAL	_
16 Aug 1985	្នាត់ ម៉ូស្មីក្រុមក្រុម ខេត្ត ប្រជាជាក្រុម ។ ព្រះបានស្រីក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុម	The Color O. P. L. I	
		Marie Man	_

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

BY	7 1 3/5	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	х	INSPECTION AUTHORIZATION	OTHER (Specify)
	 	FAA DESIGNEE	74 1	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	· 2、1 · · · · · · · · · · · · · · · · · · ·
REJEC	TION	APPROVAL OR		CERTIFICATE OR DESIGNATION NO. 540727162		SIGNATURE OF AUTHORIZED	HIDIYIDUAL

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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.

Identify with air-8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. craft nationality and registration mark and date work completed.)

Installation of Continental IO-470-U previously approved on form 337 dated 21 Aug 1981. This 337 is to approve the installation of Continental IO-470-S in place of the IO-470-U, utilizing PN 62519-2 metering servo PN 642796A shroud

PN 642796A shroud

PN 638154-9 fuel pump

PN-631427A17 distributer valve

PN F198003RA throttle valve

as approved 21 August 81.

This 337 does not cover any aircraft system or components not specifically listed here on, and authorizes deviation on engine dash letter only. Form 337 dated 21 August 1981 authorizes modification of other systems.

TEAT ESTABLISHED TO NM-FSFO-61

Impection by a person authorized in FAN 43. AUG 1 6 1985 the shore described sitteett subject BILLEG CHINETE CONTRIBUTION FIRE IS 1000 The election Rossilled berein manples with

ADDITIONAL SHEETS ARE ATTACHED

1337 12 38-24

DEPARTA DE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060 1 FOR FAA USE ONLY

	(Airframe, Powerplant, Propeller, or Appliance)							FICE IDENTIFICATION NM-FSDO-66		
INSTRUCT	FIONS: Print or ions and disposi	type all entries. Section of this form.	e FAR	. 43.9, FAR 43 A	pendix B, and	f AC 43.9-1 (o	r subsequent	revision :	thereof)	
	MAKE MODEL,									
1. AIRCRAFT	SERIAL NO. 180 52551				NATIONAL	NATIONALITY AND REGISTRATION MARK				
	NAME (As shown on registration certificate)					ADDRESS (As shown on registration certificate)				
2. OWNER	Chuck W	itehes				So. Grand ano, Washi		99202	-	
				3. FOR FAA USE	ONLY					
								•		
		4. U	NIT ID	ENTIFICATION		<u> </u>		5	TYPE	
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Robert A. Compton Don's Aero Service P.O. Box 502 (Hackney Airpark) Athol, Idaho 83801				U.S. CERTIFIC			C. CERTIFICATE NO.			
				FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION			A&P 1819478			
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EJECTION	_	CERTIFICATE OR DESIGNATION NO	o.	SIGNATURE OF	AUTHORIZED	INDIVIDUAL				
	30/83	AI 1819478		1000	es H.	nes or	peor			
AA Form 3	<b>37</b> (7-67)	호 U.S. Government Prin	etina O	Mino 1077 772 EARIS	41			(8	3320)	

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.

E. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Item 1. Repaired lower left bulkhead and akin at station 90 on fuselage below baggage compartment door where left rear float fitting is mounted as per Gessna 180-185 Service Mannal D 2000-8-13-RPG-400-3/61, Section 17, Figure 17-4 & 17-5.

ADDITIONAL SHEETS ARE ATTACHED

5/30/83 FAA Form 337 (7-67)

Form Approved Budget Bureau No. 04-R060.1 FEDERAL AVIATION ADMINISTRATION FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) NM-FSDO-66 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. MAKE MODEL 180 J Cosa-s 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK N52194 180 52551 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)
1337 So. Grand 2. OWNER Spokane, Washington 99202 Chuck Whitehead 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT MAKE ATION AIRFRAME I POWERPLANT PROPFILER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATED MECHANIC Don Chessman dba Don's Agro Service FOREIGN CERTIFICATED MECHANIC A&P 1280128 P.O. Box 502 ( Hackney Airpark) CERTIFICATED REPAIR STATION Athol, Idaho 83801 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 SIGNATURE OF AUTHORIZED INDIVIDUAL May 30, 1983 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 FAA FLT. STANDARDS OTHER (Specify) MANUFACTURER INSPECTION AUTHORIZATION CANADIAN DEPARTMENT FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR OF AIRCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DESIGNATION NO.

(8320)

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.)

ADDITIONAL SHEETS ARE ATTACHED

Item 1. Installed Flap seals on left and right wings as per Robenson STC No. SA 3272 WB.

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AUS. GOVERNMENT PRINTING OFFICE: 1977-77: 021/344

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2. OWNEŘ	NAME (As shown on registration certification certific	E	- 1	13	32 S.	registration ce GRAND WA 9920		
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X INSPECTION AUTHORIZATION

CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT

FAA Form 337 (7-67)

FAA FLT. STANDARDS INSPECTOR

DATE OF APPROVAL OR
REJECTION OF TOBER 9, 1981

MANUFACTURER

REPAIR STATION

CERTIFICATE OR DESIGNATION NO.

(8320)

OTHER (Specify)

AUTHORIZED/INDIVIDUAL



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 LEFT & RIGHT MLG ASSEMBLIES. REMOVED TAIL WHEEL ASSEMBLY.
- INSTALLED AQUA MODEL 180-85 FLOATS IN ACCORDANCE WITH STC SA349CE REVISED WT. 4 BAL. IN ACFT. RECORDS. THE END

ADDITIONAL SHEETS ARE ATTACHED

**★U.S. GOVERNMENT PRINTING OFFICE: 1977-771-021/290** 

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	DEPARTMENT FEDERAL AVIATIO	TRANSPOR			Fori Bud	n Approved Iges Bureau N	^. 04-R0	50.1
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	(Airframe, Powerplant,	Prope	ller, or Appliar	nce)	OFF	ICE IDENTIFIC		-5
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	NAME (As shown on registration of	ertificate)		ADDRESS /	As shown on ma	istration certif	icate)	
2. OWNER	Whitehead Insura	nce A	gency	1337	S. Grand	l, Spoka	ine, u	<b>/</b> A
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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. craft nationality and registration mark and date work completed.) Identify with air-
  - 1. Removed Continental Engine 0-470S, serial no. 462115 and McCauley Propeller Model 2A34C203 and installed Continental Engine IO-470-U, serial no. 118117-7-4-R and McCauley Propeller Model D2A34C49-N.
  - Removed rear cross over tube from engine mount and welded 5" Item 2. forward to L & R longerons to clear space for injection carburetor
  - Item 3. Made a carburetor extension 5" long attached to bottom of injector carb and to top of existing carb air box. carb heat duct and adapter on exhaust stack left side #2 cylinder. Installed 1/16" mesh screen and clamp on carb heat box and replacarded alternate air on carb heat control on cabin control panel.
  - Item 4. Made a new holding block and bracket for throttle and mixture control cables mounted on rear of oil pump.
  - Installed new Elect fuel pump on fire wall as per Cessna 185 Item 5. parts and Maintenance Manual. This includes wiring, switch, circuit breaker, cold air blast tube and pump cover, and throttle control microswitch and cam as per Cessna Drawing 0700092 in Service Manual. (See enclosed drawing).
  - Manufactured 2 1 duct attach tubes on left top of baffel Item 6. out of .040 2024-T3 aluminum and welded. Used original baffel from 0-470-S engine on 10-4700 part nos. are the same. Ducts are used to cool engine driven fuel pump.
  - Removed Cessna 180J fuel system lines. Installed Cessna 185 fuel system as per figure 104 in illustrated parts catalog. Item 7. Fuel sustem insulation pressure tested and operational check made with no defects noted.
  - Installed Multi-Dual EGT and cylinder head temperature system, Item 8. probes and gauge as per factory installation and system manufacturers instructions.

All work was accomplised using good practice and workmanship as pe FAR Part 43-13 and Cessna 185 Service and Maintenance manual fuel system with factory approved and self manufactured parts as necessary and listed. All limitations and added equipment are revised in equipment list and the flight manual. No noted change in empty weight or

Test Flight Accomplished/Everything Normal

ADDITIONAL SHEETS ARE ATTACHED

Chuck Whitehead/F

Signed .

Aircraft Make & Mod :

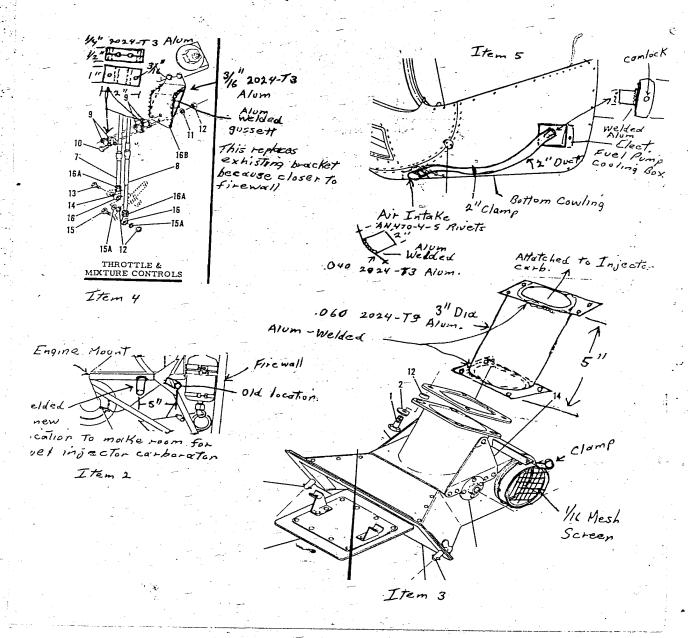
Cessna 180J

Serial No.: 180-52551

Nationality and Registration Mark: N52194

Owner Name and Address:

Whitehead Insurance Agency 1337 S. Grand , Spokane, WA 99202



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Form Approved Budget Bureau No. 04-R0058

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UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION TANDARD AIRWORTHINESS CERTIFICATE MATIONALITY AND 2 MANUFACTURER AND SOCIAL REGISTRATION MARKS Cesana 1801 1,80,2551 .N52194 Normal 5. AUTHORITY AND BASIS FOR ISSUANCE.

This airworthwess certificate is from pursue date of issuance, the aircraft of which issue therefor, to be a middline far issue comprehensive and entailed admorthiness conviction, except as noted herein.

Exceptions: Hone TERMS AND CONDITIONS Unless sconer surrendered, suspending the surrendered of the surre date is otherwise stablished by the Administrator, ice, prevent the stablished by the Administrator, ice, prevent we stablished by the Administrator, ice, prevent we stablished by the Administrator, ice, prevent we stablished by the Administrator, ice, provided the Administrator (ice, provided the Administrator). DESIGNATION NUMBER DATE OF ISSUANCE 1-23-75 PC4 Any alteration, reproduction, or misuse of the ferficulation of the punishable by a fine not exceeding \$1,000, or impresoment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS. FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362 GPO 1947 -O 270 931

ENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION OR FAA USE IN LT MAJOR REPAIR AND ALTERATION CE IDENTIFICATION
NW-FSD0-6] (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or supplied for instructions and disposition of this form. MODEL MAKE 180 J CESSNA 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK SERIAL NO. 52551 ADDRESS (As shown on registration certificate)
10829 31st S.W. NAME (As shown on registration certificate) 2. OWNER Seattle, Washington 98146 Ray P. Bade 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION ALTER UNIT MAKE REPAIR ATION AIRFRAME (As described in item: 1 above) XX POWERPLANT PROFELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT C. CERTIFICATE NO. A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY AERO-U-NE CORPORATION U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC 300 AIRPORT WAY RENTON, WASHINGTON 98055 CERTIFICATED REPAIR STATION 415-17 MANUFACTURER D. I 'ertify 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. SIGNATURE OF AUTHORIZED INDIVIDUAL DATE 10/31/77 APPROVAL FOR RETURN TO SERVICE Pursuant to the author: 9 given persons specified below, the unity dentified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

INSPECTION AUTHORIZATION

CANADIAN DEPARTMENT
OF 1 ANSPORT INSPECTOR
OF AN CRAFT

SIGNATURE OF

FAA Form 337 (7-07)

DATE OF APPROVAL OR

REJEGY91/77

FAA FLT. STANDARDS

FAA DESIGNEE

MANUFACTURER

REPAIR STATION

CERTIFICATE OR

DESIGNATION NO

(8320)

OTHER (Specify)

AUTHORIZED INDIVIDUA

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 conforming 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.)

10131133

Bed Tribes

- 1. Resoved EDO 249A-2870 Floats
  - Installed left and right main gear assemblies
  - 3. Installed tail wheel assembly

4. All work done in accordance with Cessna maintenance \_\_ manual and A/C 43-13-1

New weight & balance completed and entered in aircraft

RECEIVED 17. - 1. : 00-21 16, 60, 61

ADDITIONAL SHEETS ARE ATTACHED

★1975-G.P.O.-1703-M/673-200/175

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İ	MAKE		Cessna			MODEL	7.8	Вој		
1. AIRCRAFT	SERIAL NO	<del>, -</del>	Ceasna			NATIONAL		REGISTRATION M	ARK	<del></del>
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~	MAME (As sh	own	on registration certif	icate)				n registration certi	ficate)	
2. OWNER	Ray F.	B	ade -	<b>-</b> .	and the second		) 31st		002 11	<u>.</u>
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D. I certify	that the repa	ir ar	nd/or alteration ma	ide to	the unit(s) identi	fied in item	4 above	and described or	the reve	erse or
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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. Installed EDO 249A-2870 floats as per STC SA246NW.
  - 2. New weight and balance computed and entered in aircraft logs.

ADDITIONAL SHEETS ARE ATTACHED

★1975-G.P.O.-1703-M/673-200/175

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FAA Form 337 (7-67)

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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.)

RECEIVED

OCT 29 1975

NW-FSDO-61

ADDITIONAL SHEETS ARE ATTACHED

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1. AIRCRAFT	SERIAL NO.	8052551					Z 194	REGISTRATION M	ARK	
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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) REMOVE BOTH MAIN GEERS & TAIL WHEEL
- Z) INSTALLED SERVICABLE EDO FLOATS MODEL Z49A Z870'S PER STC NUMBER SA1-62Z
- 3) NEW WEIGHT & BALANCE COMPUTED AND ATTACHED TO WEIGHT & BALANCE PACKAGE

NEW EMPTY WEIGHT = 1995.6 NEW EMPTY WEIGHT C.G. = 35.45 NEW USEFUL LOAD = 804.4

END.

RECEIVED JUL 18 1975 NW-FSDO-61

ADDITIONAL SHEETS ARE ATTACHED

C -FAA AC 72-6157

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved Budget Bureau No. 04-R060.3

	MAJOR (Airframe, Po	REPAIR Ai werplant, Pi				rce)	OFF	FOR, FAA		LY
INSTRUCT	TIONS: Print or type ons and disposition	all entries See			_		I AC 43.9-1 (o	r subsequen	revision t	hereof)
	MAKE	Cessna	<u> </u>			MODEL	180J	CEIVEL	<u></u>	
1. AIRCRAFT	SERIAL NO.	180525	 551			NATIONAL	USA N5	STRATION M	ARK	
	NAME (As shown on	registration certif	ficate)	. • •		ADDRESS (	As shown on rec	istration cert	ficate)	
2. OWNER	Renton Avi	ation Inc				1915 W.	. Perime e, Wa.,	ter Roa	đ.	
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and that t	ts hereto have been r he information furnis	nade in accorda shed herein is ti	nce w	ith id co	the requirement prrect to the be	s of Part 4: st of my kn	of the U.S. F	ederal Aviat	ion Regul	rse or ations
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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.

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