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US Department of Transportatio Federal Aviatio Administration	n			owerplant, Pro				ŀ			- u- i AA USE Uliiy			
instructions	IONS: Print and dispos on. (49 U.S.	ition of this	form.	es. See Title 14 CF This report is requi	R ( red	§43.9, Part 43 by law (49 U.s	Appendix B, an S.C. §44701). Fa	nd AC and	43.9-1 report	(or subs can resi	equent revision thereof) for ult in a civil penalty for each			
	•	y and Regis		Mark			Serial No. 3021							
1. Aircraft	Make Aviat Ai	rcraft Inc.					Model A-1C-180			1	Series usky			
				ation certificate) ELBEIN LLC			Address (As s Address PO Bo	hown o ox 124	own on registration certificate)					
2. Owner			, NEFC				City <u>Rio G</u>	rande	Citv	24 <sub>Countr</sub>	state TX y USA			
		·,			3.	For FAA Use					·			
4. Ty	pe				5.	Unit Identifica	ation							
Repair	Alteration	Unit	:	Ma	ake			Mode	1		Serial No.			
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		POWERP	LANT					·						
<u> </u>		PROPELL		Type			·				· 			
				Туре										
			~_	Manufacturer										
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Address 672					ľ		ificated Mechanic			C. Certific				
city Afton				State WY		Certificated I	Repair Station			16040	20 20			
zip <u>83110</u>	)Co	untry USA				Certificated	Maintenance Orgar	nization	3	316842	.y			
have b	een made ir	accordance	e with	ion made to the uni the requirements of o the best of my kno	fPa	rt 43 of the U.S	em 5 above and 5. Federal Aviatio	descr on Regi	ibed on ulations	the reve and that	erse or attachments hereto t the information			
Extended rar per 14 CFR F App. B			-	ture/Date of Author	izec	I Individual	$\sim$							
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l In	A Fit. Stand	dards	Manu	ufacturer	N	Aaintenance O			Persons		d by Canadian ansport			
	A Designee	,	Repa	air Station X	(	nspection Auth	orization	Other	(Speci	ify)				
Certificate or Designation	√o.	•	Signa	ture/Date of Author	izeo	d Individual		• • • • • •						
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FAA Form	337 (10-06)													

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	N13BF		09/22/2016	
8. Description of Work Accomplished Repaired fuselage tube p/n 35001-016 Aviats PR-100 and the Aviat ICA. Weig	Nationality and Re 6 along with 4 clips/tabs p/n 30710		k Date	ce with
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of⊺ Fed	Department ransportatio feral Aviatio ministration	n n			owerplant, Pro								For FAA Use Only		
ins	structions	IONS: Print and dispos on. (49 U.S.	ition of this	form.	es. See Title 14 C This report is requ	FR	₹§4 d by	3.9, Part 43 y law (49 U.S	Appendix B, ar S.C. §44701). Fa	nd AC ailure	2 43.9-1 to repor	i (or sub rt can res	esequent revision thereof) for sult in a civil penalty for each		
	· ·		y and Regis		n Mark				Serial No. 3021						
1. Ai	ircraft	Make Aviat Ail	rcraft Inc.						Model A-1C-180			1	Series Husky		
				•	ration certificate) ELBEIN LLC				Address (As a Address PO B						
2. 0	wner				-				city <u>Rio G</u> zip			124 <sub>Coun</sub>	state TX htry USA		
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<b> </b>	4. Ty	pe			· · ·		5. U	Init Identifica	ation						
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	have b	een made ir	accordance true and co	e with rrect t	the requirements on the best of my kn	of F NOW	Part vled	43 of the U.S ge.	5. Federal Aviation	on Re	gulation	ns and th	at the information		
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per App		Part 43		12/0	7/2016	_	_	2	$\frown$						
		4. Type       5. U         pair       Alteration       Unit       Make         Z       AIRFRAME							ied in item 5				e manner prescribed by the		
BY	1 1.		dards	Man	ufacturer		Ма	aintenance O	rganization	Department of T					
	F/	AA Designee	e	Rep	air Station	<	Ins	spection Auth	orization	Othe	er (Spe	city)			
	ificate or			Sign	ature/Date of Autho	oriz	ed I	Individual	-						
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	NOTICE	
Weight and balance or operating limitation changes sha	be entered in the appropriate aircraft record. An alteration must	he
	ed conformity with the appicable airworthiness requirements.	
 	N13BF 09/22/2016	<u></u>
8. Description of Work Accomplished	Nationality and Registration Mark Date	
Uncovered and repaired right aileron with the fo	owing parts: aileron leading edge 45135-001, aileron tr	ailing
edge 45133-001, aileron nose rib 45029-001, a	eron hinge 45227-501. All work accomplished in accord	dance
with the Aviat Husky PR-100 and the Aviat Husky		
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{ } Addition	nal Sheets Are Attached	

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									OMB No. 2120-002 2/28/2011					
US Department			OR REPAIR AN				-			For FAA Use Only				
of Transportation Federal Aviation Administration	on	(Airtrame,	Powerplant, P	rope	eile	er, or App	nance)							
instructions	s and dispos									bsequent revision thereof) for esult in a civil penalty for each				
· · · · · · · · · · · · · · · · · · ·	· · · ·	y and Registrati	on Mark		_		Serial No. 3021							
1. Aircraft	Make Aviat Ai	rcraft Inc.					Model A-1C-180			Series				
	Name (As	s shown on real	stration certificate)		·	<u> </u>		shown	on registration	certificate)				
2.0	· ·	viation Leasir					Address 49 W	hite P	ine Canyon F	RD.				
2. Owner						City <u>Park City</u> state <u>UT.</u> Zip 84060 <u>Country</u> USA								
				3	3. Fc	or FAA Use	Only							
4. Ty	pe					nit Identific	ation							
Repair	Alteration	Unit	1	Make	.e			Mod		Serial No.				
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		ļ	<u> </u>	6. (	Con	formity Sta	tement			<u></u>				
A. Agency's I	Name and A	ddress				ind of Agend								
	Aircraft Ind					U. S. Certific	ated Mechanic		🖌 Ma	nufacturer				
Address <u>672 S</u> City Afton		ton	State WY.	-	_+		ficated Mechanic		C. Certi	ficate No.				
city <u>Atton</u> zip 8311(		untry USA	State VVI.	-	-+-		Repair Station	nization	704NN	Л				
D. I certify have be	that the rep	pair and/or alter	ation made to the u h the requirements to the best of my k	ofP	art 4	entified in ite 43 of the U.S	em 5 above and	desc	ribed on the re	verse or attachments hereto at the information				
Extended rar			nature/Date of Auth											
per 14 CFR F App. B	~	5	ven L. Hastings	99	} <i>t</i>	Darl -	1 sta	st	inge 1	Mar 21,2012				
		<u></u>	7.	Аррг	rova	al for Return	to Service							
			sons specified bel dministration and is		the		ied in item 5 Approved		nspected in th Rejected	ne manner prescribed by the				
	A Flt. Stand	lards Ma	nufacturer		Mai	ntenance Or	ganization		Persons Approv Department of T	ved by Canadian Fransport				
BY	A Designee	Re	pair Station	×	Ins	pection Auth	orization	Other	r (Specify)					
Certificate or		Sig	nature/Date of Auth	orize	ed Ir	ndividual		L						
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	N13BF	May 21,2012
<ol> <li>Description of Work Accomplished</li> </ol>	Nationality and Re	gistration Mark Date
N13BF S/N 3021 A-1C-180	May 21,2012	
System: Left Wing		
Removed: Left Wing fabric for repair and re Removed: Leading Edge( P/N 35170-001) 03),leading edge(P/N 35170-005),fuel line aileron cove(P/N45156-001),channel brace 35122-501),landing light cove(P/N35568-( edge angle( P/N35155-003),leading edge wing nose rib( P/N 35011-002),leading edge attach angle( P/N 35155-020),wing nose ri	),leading edge( P/N 3517( hose(P/N 35461-001),function es(P/N81390),fexible tube 001),leading edge attach a attach angle(P/N35155-0 ge attach angle( P/N 3515	el line hose(P/N35461-002), (P/N35266-002),front spar(P/N angle(P/N35155-002),leading )04), 5-009),leading edge
Installed: Leading edge(P/N 35170-001),le leading edge(P/N 35170-005),fuel line hos cove(P/N45156-001),channel braces(P/N8 ,land light cove(P/N35568-001),leading edg (P/N35155-003),leading edge attach angle (P/N35011-002),leading edge attach angle wing nose rib(P/N35185-001),and wing nos	se( P/N 35461-001),fuel lii 1390),flexible tube(P/N35 ge attach angle(P/N35155 9(P/N35155-004),lockplate 9(P/N35155-009),leading e	ne hose( P/N 35461-002),aileron 266-002),front spar(P/N35122-501) 5-002),Leading edge attach angle e(P/N37519-001),wing nose rib
Weight and Balance: unchanged		
Note: The wing was recovered with synthetic Aviat Aircraft Inc. Material and process Speci	-	
	END	

[] Additional Sheets Are Attached

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Form Approved O.M.B. No. 2120-0018 09/30/2007

U.S. Dep of Transp Federal Adminis	ortation Aviation	STRA	TION	U.S. /	PLICATIC AIRWOR CERTIFIC		NESS E	only. requir VII as	Subr ed, u appl	nit origina Ise attac licable.	al or hme	nly to a ent. F	an au or sp	thorize	d FAA Rep	its con	ative. If plete S	additi	for FAA use onal space is is II, VI and	
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NSN: 0052-00-024-7006

Accepted JR Jun/11/2009

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F.	CERTI	FICATION - I h	erəby certify that i	E CONSIDERED NECESSARY F	gent) of the aircraft	described above; that	the aircraft is reg	istered with the Fed been inspected and	leral Aviation Adm			
F. acc	CERTI	FICATION - I h	ereby certify that I of the United State	am the registered owner (or his a	gent) of the aircraft	described above; that	the aircraft is reg	istered with the Fed been inspected and	leral Aviation Adm is safe for the flig			
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# Husky Aircraft Sales LLC.

P.O. Box 1240 Afton, WY. 83110

January 26, 2009

Aviat Aircraft Inc. P.O. Box 1240 Afton, WY. 83110

Dear Sir or Madam:

This letter authorizes Aviat Aircraft Inc. as an (AGENT) to apply for Airworthiness Certifications in any category for any aircraft registered by Husky Aircraft sales LLC.

Sincerely,

(R)Stu Horn

President

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	N13BF	Aviat Aircraft, Inc. A-1B		3021	Normal	
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		UNITED STATES OF AMERICA PARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
		SPECIAL AIRWORTHINESS CERTIFICATE
A	CATEGORY/D	ESIGNATION Experimental
	PURPOSE	Research & Development / Market Survey
B	MANU-	NAME NA
D	FACTURER	ADDRESS' N/A / March ON
C	FLIGHT	FROM /N/A ( / / / / / / / / / / //
•		TO N/A INCLASSION
D	N- 13BF	1 1 1 1
	BUILDER AVI	at Aircraft Inc. MAN MODEL A-1C-180
	DATE OF ISSU	JANCE Jan 29, 2009 / // EXPIRY April 29, 2009
	OPERATING L	IMITATIONS DATED Jan 29, 2009 ARE PART OF THIS CERTIFICATE
E	. دا ماه	REPRESENTATIVE DESIGNATION OR OFFICE NO.
	Albert C. L	
	Albert G. H	
Any   impri	alteration, reprodu	iction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or
	CCORDANCE WI	eding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT THAPPLICABLE TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).
FAA F	orp 8130-7 (07/04)	SEE REVERSE SIDE NSN: 0052-00-693-4000

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A	This airworthiness certificate is issued under the authority of Public Law 104-6, 49 United States Code (USC) 44704 and Title 14 Code of Federal Regulations (CFR).
B	The airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production fight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire: and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable CFR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable CFR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
Ε	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.

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U.S. Department Of Transportation Federal Aviation Administration Transport Airplane Directorate Aircraft Certification Service Seattle MIDO 2500 East Valley Road, Suite C2 Renton, Washington 98055

#### EXPERIMENTAL AIRCRAFT OPERATING LIMITATIONS RESEARCH AND DEVELOPMENT / MARKET SURVEY

Make: Aviat Aircraft Inc. Model: A-1C-180 S/N: 3021 R/N: N13BF

THESE OPERATING LIMITATIONS, PREPARED IN ACCORDANCE WITH FAA ORDER 8130.2G, ARE PART OF THE FAA FORM \$130-7 DATED JAN 29, 2009.

### General Operating Limitations Pertinent to Both Experimental Purposes

- 1. No person may operate this aircraft unless Form 8130-7 is displayed at the cabin or cockpit entrance and visible to passengers or flightcrew members.
- 2. No person may operate this aircraft for other than the purpose of **Research** and **Development / Market Survey** to accomplish the flight operation outlined in the **Aviat Aircraft, Inc. Program Letter, dated Jan 26, 2009**, which describes compliance with § 21.193(d), and has been made available to the pilot in command of the aircraft. In addition, this aircraft must be operated in accordance with applicable air traffic and general operating rules of part 91, and all additional limitations herein prescribed under the provisions of § 91/319(e).
- 3. This aircraft must not be operated unless it is inspected and maintained in accordance with appropriate military technical publications and/or manufacturer's recommendations. The owner/operator must select, establish, identify, and use an inspection program as set forth in § 91.409(e), (f), (g), and (h). This inspection program must be recorded in the aircraft maintenance records.
- 4. The pilot in command of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the pilot in command also must hold either an appropriate type rating or a letter of authorization issued by an FAA Flight Standards Operations Inspector.
  - No person may operate this aircraft for carrying persons or property for compensation or hire.

#### Make: Aviat Aircraft Inc. Serial Number: 3021

#### Model: A-1C-180 Registration Number: N13BF

- 6. The pilot in command of this aircraft must advise each passenger of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft.
- 7. This aircraft must contain the placards, markings, etc., (or other operating instructions developed for an STC modification) required by § 91.9.
- 8. This aircraft must not be used for glider towing, banner towing, or intentional parachute jumping.
- 9. No person must operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records.
- 10. Only FAA-certificated mechanics with appropriate ratings as authorized by § 43.3 may perform inspections required by these operating limitations.
- 11. Inspections must be recorded in the aircraft maintenance records showing the following, or a similarly worded, statement: "I certify that this aircraft has been inspected on [insert date] in accordance with the scope and detail of appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation." The entry will include the aircraft's total time-in-service, and the name, signature, certificate number, and type of certificate held by the person performing the inspection.
- 12. If aircraft, engine, or propeller operating limitations are exceeded, an appropriate entry will be made in the aircraft records.
- 13. This aircraft must not be operated unless it is maintained and inspected in accordance with the requirements of part 43.
- 14. This aircraft must display the word EXPERIMENTAL in accordance with § 45.23(b).
- 15. The pilot in command of this aircraft must notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The pilot in command must plan routing that will avoid densely populated areas and congested airways when operating VFR.
- 16. This aircraft does not meet the requirements of the applicable, comprehensive, and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. The owner/operator of this aircraft must obtain written permission from another country's CAA prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft

















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Make: Aviat Aircraft Inc. Serial Number: 3021

together with the U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation.

- 17. Aircraft instruments and equipment installed and used under § 91.205 must be inspected and maintained in accordance with the requirements of parts 43 and 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.
- 18. Application must be made to the geographically responsible MIDO [Seattle MIDO] for any revision to these operating limitations.
- 19. Section 47.45 requires that the FAA Aircraft Registry must be notified within 30 days of any change in the aircraft registrant's address. Such notification is to be made by submitting Form 8050-1 to AFS-750 in Oklahoma City, Oklahoma.

#### **Operating Limitations Pertinent to Research and Development**

- 20. When changing between operating purposes the operator must determine that the aircraft is in a condition appropriate for the purpose intended; An appropriately rated person shall document that finding in the aircraft logbook showing the following, or similarly worded statement: "I certify that this aircraft is in a condition appropriate for Research and Development and is safe for operation".
- 21. No person may be carried in this aircraft during flight unless that person is essential to the purpose of the flight.
- 22. During research and development flight test to meet the requirements of § 91.319(b), all test flights must be conducted within the flight test area, defined as a <u>20 nautical mile radius of Afton, Wyoming Municipal Airport (AFO)</u> for a minimum of 5 hour with 5 take-off and landing to a full stop.
- 23. All test flights must be conducted under VFR, day only. Following satisfactory completion of the required number of flight hours in the flight test area, the pilot must certify in the records that the aircraft has been shown to comply with § 91.319(b). Compliance with § 91.319(b) must be recorded in the aircraft records with the following, or a similarly worded, statement: "I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation."
- 24. Following satisfactory completion of Limitation 22 (above), flights may be conducted in the following areas as requested in the Aviat Aircraft, Inc. Program Letter dated Jan 26, 2009. 100 nautical mile radius from the Afton WY municipal airport (AFO).

Make: Aviat Aircraft Inc. Serial Number: 3021

#### Model: A-1C-180 Registration Number: N13BF

- 25. After incorporating a major change as described in § 21.93, the aircraft owner is required to reestablish compliance with § 91.319(b) The aircraft must remain in flight test for a minimum of 5 hours. The aircraft owner must make a detailed logbook entry describing the change before the test flight. Following satisfactory completion of the required number of flight hours in the flight test area, the pilot must certify in the records that the aircraft has been shown to comply with § 91.319(b). Compliance with § 91.319(b) must be recorded in the aircraft records with the following, or a similarly worded, statement: "I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation."
- 26. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight.

## **Operating Limitations Pertinent to Market Survey**

- 27. When changing between operating purposes the operator must determine that the aircraft is in a condition appropriate for the purpose intended; An appropriately rated person shall document that finding in the aircraft logbook showing the following, or similarly worded statement: "I certify that this aircraft is in a condition appropriate for Market Survey and is safe for operation".
- 28. When changing between operating purposes the operator must determine if any modifications were made while under Research and Development and that the modification has least 5 hours flight test time and must be recorded in the aircraft records with the following, or a similarly worded, statement: I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation."
- 29. This aircraft may be operated under IFR, and must be properly equipped for instrument flight in accordance with § 91.205.
- 30. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircrafts attitude, or abnormal acceleration not necessary for normal flight.
- 31 All flight must be conducted within the geographic area as follows: **The Contiguous United States**.

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Make: Aviat Aircraft Inc. Serial Number: 3021

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#### Model: A-1C-180 Registration Number: N13BF

32. The cognizant FSDO must be notified, and its response received in writing, prior to flying this aircraft after incorporation of a major change as defined by § 21.93.

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Albert G. Humbert DARF602538NM

Issued on Jan 29, 2009 in Afton, WY

#### FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

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Form Approved O.M.B. No. 2120-0018 09/30/2007

	apartment sportation I Avlation Istration 1. REGISTRATION MARK N13BF U.S. AIRWORTHINESS CERTIFICATE 2. AIRCRAFT BUILDER'S NAME (Make) Aviat Aircraft Inc.								only. Submit original only to an authorized FAA Representative. If additional space required, use attachment. For special flight permits complete Sections II, VI a VII as applicable.         3. AIRCRAFT MODEL DESIGNATION       4. YR. MFR.       FAA CODING													
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	F C		ereby certify that La	m the registered owner (or his agent) of th	e aircraft d	described above; that the aircraft is registered with the Federal Aviation Administration in								
	acco	rdance with Title 49 c	of the United States	Code 44101 et seq. and applicable Feder	al Aviation	n Regulations; and that the aircraft has been inspected and is safe for the flight described.								
	DAT	E	NAME AND TIT	LE (Print or Type)	SIGNATURE									
2	1	<ul> <li>A. Operating Limita as applicable.</li> </ul>	ations and Markings	in Compliance with 14 CFR Section 91.9		G. Statement of Conformity, FAA Form 8130-9 (Attach when required)								
5 2	1	B. Current Operati	no Limitatione Atton			H. Foreign Airworthiness Certification for Import Aircraft								
ESS		B. Current Operation				(Attach when required)								
AVDE		C. Data, Drawings,	, Photographs, etc.	(Attach when required)		I. Previous Airworthiness Certificate Issued in Accordance with								
VIII. AIRWORTHINESS DOCUMENTATION (FAADESKONEE use ondy)	1	D. Current Weight	and Balance inform	nation Available in Aircraft	<b>-</b>   <b>*</b>	14 CFR Section 21.183(a) CAR (Original Attached)								
VIATH	<u> </u>	F Malor Repair on	nd Alteration FAA F	orm 337 (Attach when required)	-	J. Current Airworthiness Certificate Issued in Accordance with								
						14 CFR Section 21.191(a) (Copy Atteched)								
8	1	F. This inspection	Recorded in Aircraf	t Records		K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)								

FAA Form 8130-6 (10-04) Previous Edition Dated 5/01 May be Used Until Depleted, except for Light-Sport Aircraft

NSN: 0052-00-024-7006

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UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION SPECIAL AIRWORTHINESS CERTIFICATE									
A	CATEGORY/D	ESIGNATION <b>Experimental</b>							
	PURPOSE	Research & Development / Market Survey							
B	MANU-	NAME N/A							
D	FACTURER	ADDRESS N/A							
C	FLIGHT	FROM INA MARKER AND BANK							
		TO NA							
D	N- 13BF	SERIAL NO. 3021							
U	BUILDER AV	at Aircraft Inc. Manual Model A-1C-180							
		JANCE Jan 29, 2009 MARY April 29, 2009							
	<b>OPERATING L</b>	IMITATIONS DATED Jan 29 2009 ARE PART OF THIS CERTIFICATE							
E	SIGNATURE OF FAA	REPRESENTATIVE DESIGNATION OR OFFICE NO.							
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*		ction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or							
		eding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT TH APPLICABLE TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).							
	orm 8130-7 (07/04)	SEE REVERSE SIDE NSN: 0052-00-693-4000							

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Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.

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	aircraft to which operation and h	ss certificate is issued	pursuant to the B spected and to he eet the requirement	d-to-conform to	the type certification the comprehens	te therefor.	of the date of issuance, th io be in condition for saf iled airworthiness code a
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FAA Form 8100-2 (8-82)

G:O: U.S. GOVERNMENT PRINTING OFFICE 2006-553-543

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# Husky Aircraft Sales LLC.

P.O. Box 1240 Afton, WY. 83110

January 26, 2009

Aviat Aircraft Inc. P.O. Box 1240 Afton, WY. 83110

Dear Sir or Madam:

This letter authorizes Aviat Aircraft Inc. as an (AGENT) to apply for Airworthiness Certifications in any category for any aircraft registered by Husky Aircraft sales LLC.

Sincerely,

 $(\mathcal{R})$ 

Stu Horn President



Transport Airplane Directorate Aircraft Certification Service Seattle MIDO 2500 East Valley Road, Suite C2 Renton, Washington 98055

#### EXPERIMENTAL AIRCRAFT OPERATING LIMITATIONS RESEARCH AND DEVELOPMENT / MARKET SURVEY

Make: Aviat Aircraft Inc. Model: A-1C-180 S/N: 3021 R/N: N13BF

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# **General Operating Limitations Pertinent to Both Experimental Purposes**

- 1. No person may operate this aircraft unless Form 8130-7 is displayed at the cabin or cockpit entrance and visible to passengers or flightcrew members.
- 2. No person may operate this aircraft for other than the purpose of **Research** and Development / Market Survey to accomplish the flight operation outlined in the Aviat Aircraft, Inc. Program Letter, dated Jan 26, 2009, which describes compliance with § 21.193(d), and has been made available to the pilot in command of the aircraft. In addition, this aircraft must be operated in accordance with applicable air traffic and general operating rules of part 91, and all additional limitations herein prescribed under the provisions of § 91.319(e).
- 3. This aircraft must not be operated unless it is inspected and maintained in accordance with appropriate military technical publications and/or manufacturer's recommendations. The owner/operator must select, establish, identify, and use an inspection program as set forth in § 91.409(e), (f), (g), and (h). This inspection program must be recorded in the aircraft maintenance records.
- 4. The pilot in command of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the pilot in command also must hold either an appropriate type rating or a letter of authorization issued by an FAA Flight Standards Operations Inspector.
- 5. No person may operate this aircraft for carrying persons or property for compensation or hire.

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#### Model: A-1C-180 Registration Number: N13BF

- 6. The pilot in command of this aircraft must advise each passenger of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft.
- 7. This aircraft must contain the placards, markings, etc., (or other operating instructions developed for an STC modification) required by § 91.9.
- 8. This aircraft must not be used for glider towing, banner towing, or intentional parachute jumping.
- 9. No person must operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records.
- 10. Only FAA-certificated mechanics with appropriate ratings as authorized by § 43.3 may perform inspections required by these operating limitations.
- 11. Inspections must be recorded in the aircraft maintenance records showing the following, or a similarly worded, statement: "I certify that this aircraft has been inspected on [insert date] in accordance with the scope and detail of appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation." The entry will include the aircraft's total time-in-service, and the name, signature, certificate number, and type of certificate held by the person performing the inspection.
- 12. If aircraft, engine, or propeller operating limitations are exceeded, an appropriate entry will be made in the aircraft records.
- 13. This aircraft must not be operated unless it is maintained and inspected in accordance with the requirements of part 43.
- 14. This aircraft must display the word EXPERIMENTAL in accordance with § 45.23(b).
- 15. The pilot in command of this aircraft must notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The pilot in command must plan routing that will avoid densely populated areas and congested airways when operating VFR.
- 16. This aircraft does not meet the requirements of the applicable, comprehensive, and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. The owner/operator of this aircraft must obtain written permission from another country's CAA prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft

together with the U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation.

- 17. Aircraft instruments and equipment installed and used under § 91.205 must be inspected and maintained in accordance with the requirements of parts 43 and 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.
- 18. Application must be made to the geographically responsible MIDO [Seattle MIDO] for any revision to these operating limitations.
- 19. Section 47.45 requires that the FAA Aircraft Registry must be notified within 30 days of any change in the aircraft registrant's address. Such notification is to be made by submitting Form 8050-1 to AFS-750 in Oklahoma City, Oklahoma.

## **Operating Limitations Pertinent to Research and Development**

- 20. When changing between operating purposes the operator must determine that the aircraft is in a condition appropriate for the purpose intended; An appropriately rated person shall document that finding in the aircraft logbook showing the following, or similarly worded statement: "I certify that this aircraft is in a condition appropriate for Research and Development and is safe for operation".
- 21. No person may be carried in this aircraft during flight unless that person is essential to the purpose of the flight.
- 22. During research and development flight test to meet the requirements of § 91.319(b), all test flights must be conducted within the **flight test area**, defined as a <u>20 nautical mile radius of Afton, Wyoming Municipal Airport (AFO)</u> for a minimum of 5 hour with 5 take-off and landing to a full stop.
- 23. All test flights must be conducted under VFR, day only. Following satisfactory completion of the required number of flight hours in the flight test area, the pilot must certify in the records that the aircraft has been shown to comply with § 91.319(b). Compliance with § 91.319(b) must be recorded in the aircraft records with the following, or a similarly worded, statement: "I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation."
- 24. Following satisfactory completion of Limitation 22 (above), flights may be conducted in the following areas as requested in the Aviat Aircraft, Inc. Program Letter dated Jan 26, 2009. 100 nautical mile radius from the Afton WY municipal airport (AFO).

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- 25. After incorporating a major change as described in § 21.93, the aircraft owner is required to reestablish compliance with § 91.319(b) The aircraft must remain in flight test for a minimum of 5 hours. The aircraft owner must make a detailed logbook entry describing the change before the test flight. Following satisfactory completion of the required number of flight hours in the flight test area, the pilot must certify in the records that the aircraft has been shown to comply with § 91.319(b). Compliance with § 91.319(b) must be recorded in the aircraft records with the following, or a similarly worded, statement: "I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation."
- 26. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight.

# **Operating Limitations Pertinent to Market Survey**

- 27. When changing between operating purposes the operator must determine that the aircraft is in a condition appropriate for the purpose intended; An appropriately rated person shall document that finding in the aircraft logbook showing the following, or similarly worded statement: "I certify that this aircraft is in a condition appropriate for Market Survey and is safe for operation".
- 28. When changing between operating purposes the operator must determine if any modifications were made while under Research and Development and that the modification has least 5 hours flight test time and must be recorded in the aircraft records with the following, or a similarly worded, statement: I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation."
- 29. This aircraft may be operated under IFR, and must be properly equipped for instrument flight in accordance with § 91.205.
- 30. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircrafts attitude, or abnormal acceleration not necessary for normal flight.
- 31. All flight must be conducted within the geographic area as follows: **The Contiguous United States**.

Make: Aviat Aircraft Inc. Serial Number: 3021

#### Model: A-1C-180 Registration Number: N13BF

32. The cognizant FSDO must be notified, and its response received in writing, prior to flying this aircraft after incorporation of a major change as defined by § 21.93.

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Albert G. Humbert DARF602538NM

Issued on Jan 29, 2009 in Afton, WY

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# FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE Form Approved O.M.B. No. 2120-0018 09/30/2007

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FAA Form 8130-6 (10-04) Previous Edition Dated 5/01 May be Used Until Depleted, Except for Light-Sport Aircraft

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