



US Department of Transportation
Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007	Electronic Tracking Number
For FAA Use Only	

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N250JH	Serial No. 3993	
	Make CIRRUS	Model SR22	Series
2. Owner	Name (As shown on registration certificate) Hensley Auto Group Inc 2417 N Verity Pkwy		Address (As shown on registration certificate) Address 2417 N Verity Pkwy
			City Middletown State OH Zip 45042 Country USA

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Mustang Aviation, Inc.		U. S. Certificated Mechanic	<input checked="" type="checkbox"/> Manufacturer
Address 4316 Hangar Dr		Foreign Certificated Mechanic	C. Certificate No.
City Lexington State KY		Certificated Repair Station	3613483
Zip 40510 Country USA		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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual		
	February 14, 2014	Kenneth M Harker	

7. Approval for Return to Service

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

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

Certificate or Designation No. 3613483	Signature/Date of Authorized Individual		
	February 14, 2014	Kenneth M Harker	

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.)

USA N250JH

02/14/2014

Nationality and Registration Mark

Date

Installed Airwolf air/oil separator on L/H aft side of engine baffling under authority of STC SA02268CH. New weight and balance calculated and inserted in POH. Work performed IAW Airwolf drawing AFC-W360 Rev. C dated 08/24/06.

-----END-----

Additional Sheets Are Attached

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

Form Approved O.M.B. No. 2120-0018
Expiration Date 02/28/2013

 U.S. Department of Transportation Federal Aviation Administration	<h2 style="margin: 0;">APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE</h2>	INSTRUCTIONS - Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use attachment. For special flight permits complete Sections II, VI, and VII as applicable.																					
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N250JH	2. AIRCRAFT BUILDER'S NAME (Make) Cirrus Design Corporation	3. AIRCRAFT MODEL DESIGNATION SR22	4. YR. MFR. 2013	FAA CODING																		
	5. AIRCRAFT SERIAL NO. 3993	6. ENGINE BUILDER'S NAME (Make) Continental Motors	7. ENGINE MODEL DESIGNATION IO-550-N																				
	8. NUMBER OF ENGINES 1	9. PROPELLER BUILDER'S NAME (Make) Hartzell Propeller Inc.	10. PROPELLER MODEL DESIGNATION PHC-J3YF-1RF/F7693DFB	11. AIRCRAFT IS (Check if applicable) IMPORT																			
II. CERTIFICATION REQUESTED	APPLICATION IS HEREBY MADE FOR: (Check applicable items)																						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 5%;">1</td> <td style="width: 5%;"><input checked="" type="checkbox"/></td> <td style="width: 45%;">STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)</td> <td style="width: 5%;"><input checked="" type="checkbox"/></td> <td style="width: 5%;">NORMAL</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">UTILITY</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">ACROBATIC</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">TRANSPORT</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">COMMUTER</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">BALLOON</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 5%;">OTHER</td> </tr> </table>					A	1	<input checked="" type="checkbox"/>	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)	<input checked="" type="checkbox"/>	NORMAL	<input type="checkbox"/>	UTILITY	<input type="checkbox"/>	ACROBATIC	<input type="checkbox"/>	TRANSPORT	<input type="checkbox"/>	COMMUTER	<input type="checkbox"/>	BALLOON	<input type="checkbox"/>	OTHER
	A	1	<input checked="" type="checkbox"/>	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)	<input checked="" type="checkbox"/>	NORMAL	<input type="checkbox"/>	UTILITY	<input type="checkbox"/>	ACROBATIC	<input type="checkbox"/>	TRANSPORT	<input type="checkbox"/>	COMMUTER	<input type="checkbox"/>	BALLOON	<input type="checkbox"/>	OTHER					
	B SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)																						
	7 PRIMARY																						
	9 LIGHT-SPORT (Indicate Class)																						
	2 LIMITED																						
	5 PROVISIONAL (Indicate class)																						
	3 RESTRICTED (Indicate operation(s) to be conducted)																						
	4 EXPERIMENTAL (Indicate operation(s) to be conducted)																						
	8 SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)																						
	C 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited" as applicable)																						
	III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE <input checked="" type="checkbox"/>																					
		NAME Cirrus Design Corporation		ADDRESS 4515 Taylor Circle, Duluth MN 55811																			
		B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)																					
<input checked="" type="checkbox"/> AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A00009CH Revision 19		<input checked="" type="checkbox"/> AIRWORTHINESS DIRECTIVES (Check if all applicable ADs are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 2013-17																					
<input type="checkbox"/> AIRCRAFT LISTING (Give page number(s)) N/A		<input checked="" type="checkbox"/> SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA01708SE																					
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS																							
<input checked="" type="checkbox"/> CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417		TOTAL AIRFRAME HOURS 1.7		3 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)																			
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.																							
DATE OF APPLICATION 08/29/2013		NAME AND TITLE (Print or type) Brian D. Zapp MFG REPRESENTATIVE		SIGNATURE 																			
IV. INSPECTION AGENCY VERIFICATION		A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete the section only if 14 CFR part 21.183(d) applies)																					
	2	14 CFR part 121 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)																	
	5	AIRCRAFT MANUFACTURER (Give name or firm)																					
DATE		TITLE		SIGNATURE																			
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable block items A and B)																						
	A. I find that the aircraft described in Section I or VII meets requirements for																						
	4		THE CERTIFICATE REQUESTED AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE																				
	B. Inspection for a special flight permit under Section VII was conducted by:																						
DATE 08/29/2013		MIDO/FSDO OFFICE CE-46		4																			
FAA INSPECTOR'S SIGNATURE AND NO. David C. Hallfrisch DMIR-833834-CE		FAA INSPECTOR CERTIFICATE HOLDER UNDER 14 CFR part 65		FAA DESIGNEE 14 CFR part 121 OR 135																			
FAA INSPECTOR'S SIGNATURE AND NO. 		FAA INSPECTOR'S CERTIFICATION FILE REVIEW SIGNATURE Gary L. Bockman																					

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER				
	NAME		ADDRESS		
	B. PRODUCTION BASIS <i>(Check applicable item)</i>				
	<input type="checkbox"/>	PRODUCTION CERTIFICATE <i>(Give production certificate number)</i>			
	<input type="checkbox"/>	TYPE CERTIFICATE			
<input type="checkbox"/>	OTHER:				
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS					
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE		
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT				
	REGISTERED OWNER		ADDRESS		
	BUILDER <i>(Make)</i>		MODEL		
	SERIAL NUMBER		REGISTRATION MARK		
	B. DESCRIPTION OF FLIGHT				
	FROM		TO	CUSTOMER DEMONSTRATION FLIGHTS <input type="checkbox"/> <i>(Check if applicable)</i>	
	VIA		DEPARTURE DATE	DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT				
	<input type="checkbox"/>	PILOT	<input type="checkbox"/>	CO-PILOT	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>	FLIGHT ENGINEER	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>	OTHER <i>(Specify)</i>	
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:				
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: <i>(Use attachment if necessary)</i>					
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.					
DATE		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE		
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	<input checked="" type="checkbox"/>	A. Operating Limitations and Markings in Compliance With 14 CFR Section 91.9, As Applicable	G. Statement of Conformity, FAA Form 8130-9 <i>(Attach when required)</i>		
	<input type="checkbox"/>	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft <i>(Attach when required)</i>		
	<input type="checkbox"/>	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>	I. Previous Airworthiness Certificate Issued in Accordance With 14 CFR Section _____ CAR _____ <i>(Original attached)</i>		
	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance With 14 CFR Section 21.183 (a) <i>(Copy attached)</i>		
	<input type="checkbox"/>	E. Major Repair and Alteration, FAA Form 337 <i>(Attach when required)</i>	K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 <i>(Attach when required)</i>		
	<input checked="" type="checkbox"/>	F. This inspection Recorded in Aircraft Records			

UNITED STATES OF AMERICA
 DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N250JH	2 MANUFACTURER AND MODEL Cirrus Design Corporation SR22	3 AIRCRAFT SERIAL NUMBER 3993	4 CATEGORY NORMAL
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5 AUTHORITY AND BASIS FOR ISSUANCE:

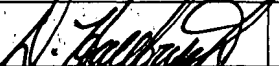
This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements 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:

“Exemption No. 9849 to regulation 21.1419(a) for Flight Into Known Icing operations. Exemption allows for a higher stall speed than that required by 23.49(c) & (d) when operating in icing conditions.”

6 TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, 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 Aug 29, 2013	FAA REPRESENTATIVE David C. Hallfrisch 	DESIGNATION NUMBER DMIR-833854-CE
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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 (04-11) Supersedes Previous Edition



