

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

Form Approved
O.M.B. No. 2120-0018

U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE		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	2. AIRCRAFT BUILDER'S NAME (Make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFR.	FAA CODING	
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (Make)	7. ENGINE MODEL DESIGNATION			
	8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (Make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS (Check if applicable)		
				IMPORT		
APPLICATION IS HEREBY MADE FOR: (Check applicable items)						
☐ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☒ NORMAL ☐ UTILITY ☐ ACROBATIC ☐ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER						
☒ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)						
II. CERTIFICATION REQUESTED	7. PRIMARY					
	9. LIGHT-SPORT (Indicate Class)		☒ Airplane ☐ Power-Parachute ☐ Weight-Shift-Control ☐ Glider ☐ Lighter than Air			
	12. LIMITED					
	5. PROVISIONAL (Indicate class)		1. CLASS I 2. CLASS II			
	3. RESTRICTED (Indicate operation(s) to be conducted)		1. AGRICULTURE AND PEST CONTROL 2. AERIAL SURVEY 3. AERIAL ADVERTISING 4. FOREST (Wildlife conservation) 5. PATROLLING 6. WEATHER CONTROL 10. OTHER (Specify)			
	4. EXPERIMENTAL (Indicate operation(s) to be conducted)		1. RESEARCH AND DEVELOPMENT 2. AMATEUR BUILT 3. EXHIBITION 4. AIR RACING 5. CREW TRAINING 6. MARKET SURVEY 10. TO SHOW COMPLIANCE WITH THE CFR 7. OPERATING (Primary Category) KIT BUILT AIRCRAFT			
			8. OPERATING LIGHT-SPORT 8A. Existing aircraft without an airworthiness certificate & do not meet § 103.1 8B. Operating Light-Sport Kit-built 8C. ☒ Operating light-sport previously issued special light-sport category airworthiness certificate under § 21.190			
	8. SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)		1. FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE 2. EVACUATE FROM AREA OF IMPENDING DANGER 3. OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT 4. DELIVERING OR EXPORTING 5. PRODUCTION FLIGHT TESTING 6. CUSTOMER DEMONSTRATION FLIGHTS			
	☒ C 16. MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited" as applicable)					
	A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE					
	NAME					
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)					
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)			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)		
	AIRCRAFT LISTING (Give page number(s))			SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)		
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417		TOTAL AIRFRAME HOURS		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		NAME AND TITLE (Print or type)		SIGNATURE		
12-22-09						
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete the section only if 14 CFR part 21.183(c) 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		
REPRESENTATIVE CERTIFICATE						
(Check ALL applicable block items A and B)						
A. I find that the aircraft described in Section I or VII meets requirements for ☒ AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE						
B. Inspection for a special flight permit under Section VII was conducted by: ☒ FAA INSPECTOR ☐ FAA DESIGNEE						
☐ CERTIFICATE HOLDER UNDER ☐ 14 CFR part 65 ☐ 14 CFR part 121 OR 135 ☐ 14 CFR part 145						
DATE		DISTRICT OFFICE		DESIGNEE'S SIGNATURE AND NO.		
12/30/2009		GWBTRFSW				

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS <i>(Check applicable item)</i>			
	☐	PRODUCTION CERTIFICATE <i>(Give production certificate number)</i>		
	☐	TYPE CERTIFICATE ONLY		
	☐	APPROVED PRODUCTION INSPECTION SYSTEM		
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 CUSTOMER DEMONSTRATION FLIGHTS ☐ <i>(Check if applicable)</i>			
	FROM		TO	
	VIA		DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	☐	PILOT	☐	CO-PILOT
	☐	FLIGHT ENGINEER	☐	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 <u>et seq.</u> 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 <i>(FAA/DESIGNEE use only)</i>	☒	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>
	☒	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft <i>(Attach when required)</i>
	☒	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>		I. Previous Airworthiness Certificate Issued in Accordance With 14 CFR Section <u>21.191(c)(1)</u> CAR _____ <i>(Original attached)</i>
	☒	D. Current Weight and Balance Information Available in Aircraft		J. Current Airworthiness Certificate Issued in Accordance With 14 CFR Section _____ <i>(Copy attached)</i>
	☐	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>
	☒	F. This inspection Recorded in Aircraft Records		

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE OPERATING LIGHTSPORT AIRCRAFT (AIRPLANE)	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N- 2942A	SERIAL NO. 001
	BUILDER STEPHENS, WILLIAMS E.	MODEL QUICKSILVER
	DATE OF ISSUANCE (A) 12/24/2009	EXPIRY UNLIMITED
	OPERATING LIMITATIONS DATED (A) 12/24/2009 (ARE PART OF THIS CERTIFICATE)	
E	SIGNATURE OF FAA REPRESENTATIVE	DESIGNATION OR OFFICE NO.
	 RICHARD S. GORDON	SW BTR FSDO

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 TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).

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 flight 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.
E	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.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE OPERATING LIGHT SPORT AIRCRAFT (AIRPLANE)	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N-2942A	SERIAL NO. 001
	BUILDER Stephens, William E.	MODEL Quicksilver
E	DATE OF ISSUANCE 11/02/2007	EXPIRY January 10, 2010
	OPERATING LIMITATIONS DATED 11/02/2007 ARE PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE	DESIGNATION OR OFFICE NO.
	John E. Ickles	SW BTR FSDO

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 TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).

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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.
E	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.



U.S. Department
of Transportation

**Federal Aviation
Administration**

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Suite 200
Baton Rouge, Louisiana 70808
225-932-5915, Fax: 225-932-5975

EXPERIMENTAL OPERATING LIMITATIONS Light-Sport Aircraft

(These limitations are derived from the national standards contained in FAA Order 8130.2F, CHG 1)

REG. NO.	MAKE:	MODEL:	SERIAL NO:
N2942A	William E. Stephens	Quicksilver MXL Sport II	001

1. No person may operate this aircraft for other than the purpose of meeting the requirements of § 91.319(b) during phase I flight testing and, for the purpose of operating light-sport aircraft, after meeting these requirements as stated in the program letter (required by § 21.193) for this 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). These operating limitations are a part of Form 8130-7, must be carried in the aircraft at all times, and must be available to the pilot in command of the aircraft.
2. This aircraft must display the word "experimental" in accordance with § 45.23(b).
3. 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 CAA before 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 ASI or the CAA in the country of operation.
4. Application must be made to the geographically responsible FSDO or MIDO for any revision to these operating limitations.
5. During phase I flight testing to meet the requirements of § 91.319(b), or as a result of the incorporation of a major change, all flights must be conducted within the geographical area, which must be described by radius, coordinates, and/or landmarks. The designated area must be over open water or sparsely populated areas having light air traffic. The size of the area must be that required to safely conduct the anticipated maneuvers and tests.
6. Flight testing required for phase I operations or as a result of the incorporation of a major change will be conducted in the assigned test area. Flight operations will be conducted under VFR day only conditions, with the pilot as the sole occupant of the aircraft. Following the satisfactory completion of the required number of flight hours in the flight test area, the pilot must certify in the aircraft records that the aircraft has been shown to comply with § 91.319(b) with a statement that includes the following information:

"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. The flight test was completed under the following conditions: maximum operating weight, style/set of wing or sail, maximum demonstrated airspeed, and minimum demonstrated stall speed."

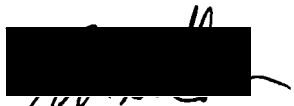
All major changes or modifications will be listed in the aircraft records and the compliance statement will be restated with the changes listed. The aircraft may not be operated in excess of the weights and speeds demonstrated.

7. Any change to the flight test area location or size must be coordinated with the geographically responsible FSDO where the aircraft is based, with FAA concurrence received in writing.
8. This aircraft may not be operated over an open air assembly of persons, over densely populated areas, or in congested airways.
9. This aircraft is prohibited from operating in congested airways or over densely populated areas unless directed by air traffic control, and only if sufficient altitude is maintained to effect a safe emergency landing in the event of a power unit failure, without hazard to persons or property on the ground.
10. Except for takeoffs and landings, this aircraft may not be operated over densely populated areas or in congested airways.
11. This aircraft is to be operated under VFR day only.
12. After completion of phase I flight testing, unless appropriately equipped for night and/or instrument flight in accordance with § 91.205, this aircraft is to be operated under VFR day only.
13. No person may operate this aircraft for carrying persons or property for compensation or hire.
15. The pilot in command of this aircraft must advise the passenger of the experimental nature of this aircraft and that it does not meet the certification requirements of a standard certificated aircraft.
16. This aircraft must contain the placards and markings as required by § 91.9. In addition, the placards and markings must be inspected for legibility and clarity, and the associated systems inspected for easy access and operation, to ensure they function in accordance with the manufacturer's specifications during each condition inspection.
17. 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.
19. The pilot in command of this aircraft must hold at least a sport pilot certificate with the appropriate aircraft class rating and appropriate endorsements when carrying a passenger.
20. This aircraft must not be used for banner towing operations or intentional parachute jumping.
22. 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 an operational control tower. When filing IFR, the experimental nature of this aircraft must be listed in the remarks section of the flight plan.
23. Aircraft instruments and equipment installed and used under § 91.205 must be inspected and maintained in accordance with the requirements of part 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.
24. No person may operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with the scope and detail to appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation. As part of the condition inspection, cockpit instruments must be appropriately marked and needed placards installed in accordance with § 91.9. In addition, system-essential controls must be in good condition, securely mounted, clearly marked, and provide for ease of operation. This inspection will be recorded in the aircraft maintenance records.
25. No person may operate this aircraft to tow a light-sport glider or unpowered ultralight vehicle for compensation or hire or conduct flight training for compensation or hire in this aircraft unless within the preceding 100 hours of time in service or 12 calendar months the aircraft has been inspected by a certificated repairman with an appropriate FAA rating, or an appropriately rated repair station in accordance with inspection procedures developed by the aircraft manufacturer or a person acceptable to the FAA. The aircraft should also be returned to service within the scope and detail of appendix D to part 43, when allowed by an existing exemption that will expire on January 31, 2010.
26. Condition 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 12/24/2009 in accordance with the scope and detail of appendix D to part 43, 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.

27. An experimental LSA owner/operator as a repairman for this aircraft under § 65.107 or an appropriately rated FAA-certificated mechanic may perform the condition inspection required by these operating limitations.


Richard S. Gordon
Aviation Safety Inspector