

RECEIVED



FFH 28 1995
FSDO-15

APPLICATION FOR
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 an attachment. For special flight permits complete Sections II and VI or VII as applicable.

I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N 293 CM	2. AIRCRAFT BUILDER'S NAME (Make) BROCK JOHN F	3. AIRCRAFT MODEL DESIGNATION VELOCITY	4. YR. MFR. 1995	FAA CODING 05626QH
	5. AIRCRAFT SERIAL NO 001	6. ENGINE BUILDER'S NAME (Make) LYCOMING	7. ENGINE MODEL DESIGNATION IO360	41515	
	8. NUMBER OF ENGINES 1	9. PROPELLER BUILDER'S NAME (Make) DEMUTH	10. PROPELLER MODEL DESIGNATION 5968	11. AIRCRAFT IS (Check if applicable) IMPORT	

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A	<input type="checkbox"/>	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)	NORMAL	UTILITY	ACROBATIC	TRANSPORT	GLIDER	BALLOON
B	<input checked="" type="checkbox"/>	SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)						
II. CERTIFICATION REQUESTED	2	LIMITED						
	5	PROVISIONAL (Indicate class)	1	CLASS I				
	3	RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE AND PEST CONTROL	2	AERIAL SURVEYING	3	AERIAL ADVERTISING
			4	FOREST (Wildlife conservation)	5	PATROLLING	6	WEATHER CONTROL
			7	CARRIAGE OF CARGO	0	OTHER (Specify)		
	4	<input checked="" type="checkbox"/> EXPERIMENTAL (Indicate operations to be conducted)	1	RESEARCH AND DEVELOPMENT	2	<input checked="" type="checkbox"/> AMATEUR BUILT	3	EXHIBITION
4			RACING	5	CREW TRAINING		MKT. SURVEY	
0	TO SHOW COMPLIANCE WITH FAR							
6	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 EXPORT	5	PRODUCTION FLIGHT TESTING			
6	CUSTOMER DEMONSTRATION FLIGHTS							
C	<input type="checkbox"/>	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 →

NAME: **BROCK JOHN F** ADDRESS: **2733 RIDGEWOOD AVENUE**
CINCINNATI, OH 45213

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) N/A	AIRCRAFT LISTING (Give page number(s)) N/A	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 95-3	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A
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C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

<input checked="" type="checkbox"/> CHECK IF RECORDS IN COMPLIANCE WITH FAR 43.47 11,417	TOTAL AIRFRAME HOURS -0-	3 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) N/A
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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 Section 501 of the Federal Aviation Act of 1958, 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: **2/25/95** NAME AND TITLE (Print or type): **JOHN F BROCK, OWNER** SIGNATURE: *John F Brock*

IV. INSPECTION AGENCY VERIFICATION

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete this section only if FAR 21.103(d) applies)

2	FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give name of firm)				
DATE		TITLE		SIGNATURE	

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks in items A and B)

A. I find that the aircraft described in Section I or VII meets requirements for:

<input checked="" type="checkbox"/>	THE CERTIFICATE REQUESTED
<input type="checkbox"/>	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:	FAR 65 FAR 121, 127 or 135 FAR 145
DATE: 2-25-95 DISTRICT OFFICE: FSDO#15	DESIGNEE'S SIGNATURE AND NO.: <i>J. M. [Signature]</i> DIAR-38-F5-30
FAA INSPECTOR'S SIGNATURE	

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER-		
	NAME		ADDRESS
	B. PRODUCTION BASIS (Check applicable item)		
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number)		
	<input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS 			
DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE	

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER	ADDRESS	
	BUILDER (Make)	MODEL	
	SERIAL NUMBER	REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT		
	CUSTOMER DEMONSTRATION FLIGHTS <input type="checkbox"/> (Check if applicable)		
	FROM	TO	
	VIA	DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT.		
	<input type="checkbox"/>	PILOT	<input type="checkbox"/>
<input type="checkbox"/>	NAVIGATOR	<input type="checkbox"/>	OTHER (Specify)
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS			
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)			
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 Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.			
DATE	NAME AND TITLE (Print or type)	SIGNATURE	

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/>	A. Operating Limitations and Markings in Compliance with FAR 91.9 <u>91.9</u> 91.9 as Applicable	G. Statement of Conformity, FAA Form 8130-9 (Attach when required)
	<input checked="" type="checkbox"/>	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	<input checked="" type="checkbox"/>	C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original Attached)
	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance with FAR <u>21.191(a)</u> (Copy attached)
	<input checked="" type="checkbox"/>	E. Major Repair and Alteration, FAA Form 337 (Attach when required)	
	<input checked="" type="checkbox"/>	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 Amateur-built Aircraft	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N- 293CM	SERIAL NO. 001
	BUILDER BROCK, John F	MODEL Velocity
E	DATE OF ISSUANCE 2-25-95	EXPIRY Unlimited
	OPERATING LIMITATIONS DATED 2-25-95 ARE A PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE J L Murphy Jr <i>[Signature]</i>	DESIGNATION OR OFFICE NO. DAR-38-FS-50

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.

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	<i>This 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.</i>
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 FAR. 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 FAR 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 FAR Part 21, Section 21.181 or 21.217.

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
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UNITED STATES OF AMERICA
 DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION	
	PURPOSE	
B	MANU-FACTURER	NAME
		ADDRESS
C	FLIGHT	FROM
		TO
D	N-	SERIAL NO.
	BUILDER	MODEL
E	DATE OF ISSUANCE	EXPIRY
	OPERATING LIMITATIONS DATED	ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE	DESIGNATION OR OFFICE NO.

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.

J.L. MURPHY, JR. DAR-38-FS-S0
NORTH FLORIDA FSDO #15
7200 POINSETTA AVE.
CAPE CANAVERAL, FL. 32920

Issued: 2-25-95

THESE OPERATING LIMITATIONS SHALL BE ACCESSIBLE TO THE PILOT

EXPERIMENTAL OPERATING LIMITATIONS
OPERATING AMATEUR-BUILT AIRCRAFT

MAKE: BROCK, John F REG. NO.: N293CM
MODEL: Velocity SERIAL NO.: 001

Phase I, Initial Flight Test in Restricted Area:

1. No person may operate this aircraft for other than the purpose of operating amateur-built aircraft to accomplish the operation and flight test in accordance with FAR Section 21.193. Phase I and II amateur-built operations shall be conducted in accordance with applicable air traffic and general operating rules of FAR Part 91 and the additional limitations herein prescribed under the provisions of FAR 91.319.
2. The initial 40 hours of flight shall be conducted within the geographical area described as follows:
Within 25 miles of Sebastian, Fl. Airport
3. Except for takeoffs and landings, no person may operate this aircraft over densely populated areas or in congested airways.
4. This aircraft is approved for day VFR operation only.
5. Unless prohibited by design, acrobatics are permitted in the assigned flight test area. All acrobatics are to be conducted under the provisions of FAR 91.303.
6. No person may be carried in this aircraft during flight unless that person is required for the purpose of the flight.
7. The cognizant FAA office must be notified and their response received in writing prior to flying this aircraft after incorporating a major change as defined by FAR Section 21.93.
8. The operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating into or out of airports with operating control towers.

9. The pilot-in-command of this aircraft must, as applicable, hold an appropriate category/class rating, have an aircraft type rating, have a flight instructor's logbook endorsement or possess a "Letter of Authorization" issued by an FAA Flight Standards Operations Inspector.
10. 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. This aircraft may not be operated over any other country without the permission of that country.

Phase II:

Following satisfactory completion of the required number of flight hours in the flight test area; the pilot shall certify in the logbook that the aircraft has been shown to comply with FAR Section 91.319. Compliance with FAR Section 91.319 shall be recorded in the aircraft logbook with the following or similarly worded statement:

"I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation."

The Following Limitations Apply Outside of Flight Test Area:

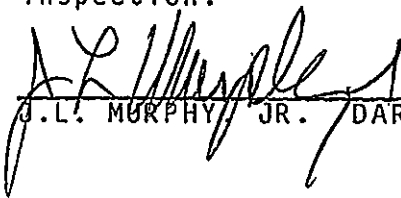
1. Limitations 1, 3, 7, 8, 9, and 10 from Phase I are applicable.
2. This aircraft is approved for day VFR only, unless equipped for night VFR and/or IFR in accordance with FAR Section 91.205.
3. This aircraft shall contain the placards, marking, etc., required by FAR Section 91.9.
4. This aircraft is prohibited from acrobatic flight, unless such flights were satisfactorily accomplished and recorded in the aircraft logbook during the flight test period.
5. No person may operate this aircraft for carrying persons or property for compensation or hire.
6. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.
7. This aircraft shall not be operated for glider towing or parachute jumping operations, unless so equipped and authorized.
8. No person shall operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with FAR Part 43, Appendix D, and has been found to be in a condition for safe operation. In addition, this inspection shall be recorded in accordance with limitation 10 listed below.

9. The builder of this aircraft, if certified as a repairman or a FAA certified mechanic holding an Airframe and Powerplant ratings, may perform condition inspections in accordance with FAR Part 43, Appendix D.

10. Condition inspections shall be recorded in the aircraft maintenance records showing the following or similarly worded statement:

"I certify that this aircraft has been inspected on (insert date) in accordance with the scope and detail of Appendix D of Part 43 and found to be in a condition for safe operation."

The entry will include the aircraft total time-in-service, the name, signature, and certificate type and number of the person performing the inspection.



J.L. MURPHY, JR. DAR-38-FS-S0

CONFORMITY INSPECTION RECORD

INSTRUCTIONS
(Items not listed are self-explanatory)

8. Indicate the latest drawing change number or letter noted on the drawing, together with the date. When pertinent, indicate the latest engineering change or change order and date of issuance.
9. Indicate the number of items inspected found to be satisfactory (in conformity and of acceptable workmanship) or unsatisfactory.
10. State the reasons for rejection and what corrective action was taken. Nonconformities in acceptable items will be noted when they are for the prototype product or a test article.
- NOTE: Only those items passed by the manufacturer's inspection system should be inspected for conformity.

6. NOMENCLATURE OF PART INSPECTED	7. DRAWING NO.	8. DATE AND NO. OF LATEST CHANGE	9. NO. ITEMS		10. UNACCEPTABLE CONDITION AND/OR CORRECTIVE ACTION TAKEN
			FOUND SAT.	FOUND UNSAT.	
1. Completed Application Form 8130-6					
2. Checked Registration, N Number, and other markings.					
3. Varified I D Plate installed IAW FAR Part 45					
4. Varified A/C meets minimum standards of workmanship					
5.-Reviewed builders Log book					
6. Reviewed weight & balance and operating limitations with builder					
7. Issued Unlimited Special Airworthiness certificate with Phase 1 And Phase 2 Operating Limitatibns.					

1. TYPE OR PRODUCTION PROJECT NO.
ALPHABETIC - BUILD

2. MANUFACTURER
ROCK - JAW E

3. MODEL
VELOCITY

4. PERIOD COVERED BY THIS REPORT

FROM

TO

2-25-95

5. INSPECTED BY

T. HUBBARD JR DAR-38-15-50