

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

I. AIRCRAFT DESCRIPTION		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.	
1. REGISTRATION MARK	N133RM	2. AIRCRAFT BUILDER'S NAME (Make)	Marsh	3. AIRCRAFT MODEL DESIGNATION	KR-2S
4. YR. MFR	1994	5. AIRCRAFT SERIAL NO.	8103	7. ENGINE MODEL DESIGNATION	2100DT
6. ENGINE BUILDER'S NAME (Make)	Revmaster	8. NUMBER OF ENGINES	1	9. PROPELLER BUILDER'S NAME (Make)	Ed Sterba
10. PROPELLER MODEL DESIGNATION	Experimental	11. AIRCRAFT IS (Check if applicable)	IMPORT		
APPLICATION IS HEREBY MADE FOR: (Check applicable items)					
A 1		STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)			
B		SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)			
2		LIMITED			
3		RESTRICTED (Indicate operation(s) to be conducted)			
4		EXPERIMENTAL (Indicate operation(s) to be conducted)			
5		SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)			
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)					
NAME			ADDRESS		
Roy W. Marsh			3968 Berwyn Dr. Santa Maria CA. 93455		
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)					
AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)			AIRCRAFT LISTING (Give page number(s))		
N/A			N/A		
AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)			AIRCRAFT LISTING (Give page number(s))		
N/A			N/A		
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173		TOTAL AIRFRAME HOURS		EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)	
X		0-00		0-00	
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		NAME AND TITLE (Print or type)		SIGNATURE	
25 Jan. 94		Roy W. Marsh owner		<i>Roy Marsh</i>	
IV. INSPECTION AGENCY VERIFICATION					
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183(d) applies)					
FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)		CERTIFICATED MECHANIC (Give Certificate No.)		CERTIFICATED REPAIR STATION (Give Certificate No.)	
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:				THE CERTIFICATE REQUESTED	
B. Inspection for a special flight permit under Section VII was conducted by:				AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE	
DATE		DISTRICT OFFICE/SECTION		FAA INSPECTOR	
2-10-94		VNYFSDO		DONALD W. STRATMAN	
				DESIGNEE'S SIGNATURE AND NO.	
				DARWP 501005	
				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			
	FROM	TO		
	VIA	DEPARTURE DATE	DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	PILOT	CO-PILOT	NAVIGATOR	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 91.31 as Applicable	<input type="checkbox"/> G. Statement of Conformity, FAA Form 8130-9 (Attach when required)		
	<input checked="" type="checkbox"/> B. Current Operating Limitations Attached	<input type="checkbox"/> H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)		
	<input checked="" type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)	<input type="checkbox"/> 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	<input type="checkbox"/> J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 (g) (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 <i>Experimental</i> PURPOSE <i>Operating Amateur</i>
B	MANUFACTURER NAME <i>N/A</i> ADDRESS <i>N/A</i>
C	FLIGHT FROM <i>N/A</i> TO <i>N/A</i>
D	N- <i>133RM</i> SERIAL NO. <i>8103</i> BUILDER <i>Marsh</i> MODEL <i>FR-2C</i>
E	DATE OF ISSUANCE <i>2-10-94</i> EXPIRY <i>Unlimited</i> OPERATING LIMITATIONS DATED <i>2-10-94</i> ARE A PART OF THIS CERTIFICATE SIGNATURE OF FAA REPRESENTATIVE <i>Donald W. Stratman</i> DESIGNATION OR OFFICE NO. <i>DARWP 105005</i>

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	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.
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.

OPERATING LIMITATIONS: EXPERIMENTAL; AMATEUR-BUILT

MAKE Marsh MODEL KR-2S SER. NO. 8103 REG. NO. N133RM

THESE LIMITATIONS SHALL BE ACCESSIBLE TO THE PILOT

THIS AIRCRAFT SHALL BE OPERATED IN COMPLIANCE WITH THE FOLLOWING OPERATING LIMITATIONS IDENTIFIED AS GENERAL, PHASE I, AND PHASE II.

GENERAL LIMITATIONS ARE APPLICABLE AT ALL TIMES.

PHASE I LIMITATIONS ARE APPLICABLE UNTIL THIS AIRCRAFT HAS BEEN OPERATED A MINIMUM OF 40 FLIGHT HOURS; AND THE OWNER/OPERATOR ENDORSES THE AIRCRAFT LOG BOOK WITH A STATEMENT CERTIFYING THAT THE PRESCRIBED FLIGHT HOURS HAVE BEEN COMPLETED, AND THAT THE AIRCRAFT HAS BEEN SHOWN TO COMPLY WITH FAR 91.319(b).

The following or a similarly worded Log Book statement is acceptable:

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

PHASE II LIMITATIONS ARE APPLICABLE AFTER THE REQUIRED AIRCRAFT LOG BOOK ENTRY HAS BEEN MADE IN ACCORDANCE WITH THE ABOVE.

8-16-94

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GENERAL LIMITATIONS:

1. No person may operate this aircraft for other than the purpose of operating amateur-built aircraft in accordance with FAR 21.191(g); and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules of FAR 91; and with all additional limitations herein prescribed under the provisions of FAR 91.319(s).
2. This aircraft shall contain the placards, markings, etc., as required by FAR 91.9.
3. This aircraft shall be operated Day VFR only, unless the aircraft Log Book is endorsed by person(s) identified in Limitation No. 8, attesting to the fact that the aircraft contains instruments/equipment specified in FAR 91.205, installed for the appropriate operation(s).
4. Acrobatic flights are permitted in the assigned Test Area described in the Phase I Limitations; however, acrobatics or violent maneuvers shall not be attempted until sufficient flight experience has been gained to establish that the aircraft is controllable. Upon leaving the assigned Test Area, only those acrobatics/maneuvers which were satisfactorily accomplished during the flight test period, and documented in the aircraft Log Book by the owner/operator, are permitted.
5. Any major change to this aircraft, as defined by FAR 21.93, invalidates the Special Airworthiness Certificate issued for this aircraft.
6. This aircraft shall not be operated for glider towing or parachute jumping operations.
7. No person shall operate this aircraft unless, within the preceding twelve (12) calendar months, it has had a condition inspection performed in accordance with FAR 43, Appendix D, and been found to be in a condition for safe operation.
8. Condition inspections in accordance with FAR 43, Appendix D, may be performed by an FAA certified mechanic holding Airframe and Powerplant Rating; or by an appropriately rated Repair Station; or by the holder of an FAA Repairman Certificate-Experimental Aircraft Builder, with a rating for this particular aircraft.
9. Condition inspections shall 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 FAR 43, Appendix D, and found to be in a condition for safe operation." The entry will include the aircraft total time-in-service; and the name, signature and certificate type and number of the person performing the inspection.

8-16-94

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OPERATING LIMITATIONS - CONT'D


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PHASE I LIMITATIONS:

1. All flights shall be conducted within the geographical area described as follows: First 40 hours to be within a 25 NM radius of Santa Maria Airport, including San Luis Obispo Airport. This aircraft shall not be operated over densely populated areas or in congested airways.
2. No person may be carried in this aircraft during flight unless that person is essential to the purpose of the flight.
3. Additional limitations: none

PHASE II LIMITATIONS:

1. The following statement shall be displayed on a placard in the cockpit in full view of all occupants: PASSENGER WARNING - THIS AIRCRAFT IS AMATEUR-BUILT AND DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT.
2. Additional limitations: Except for take off and landing this aircraft shall not be operated over densely populated area or in congested airway.


Donald W. Stratman
DAR WP 501005

2-10-94

Date Issued

Unlimited

Expiration Date



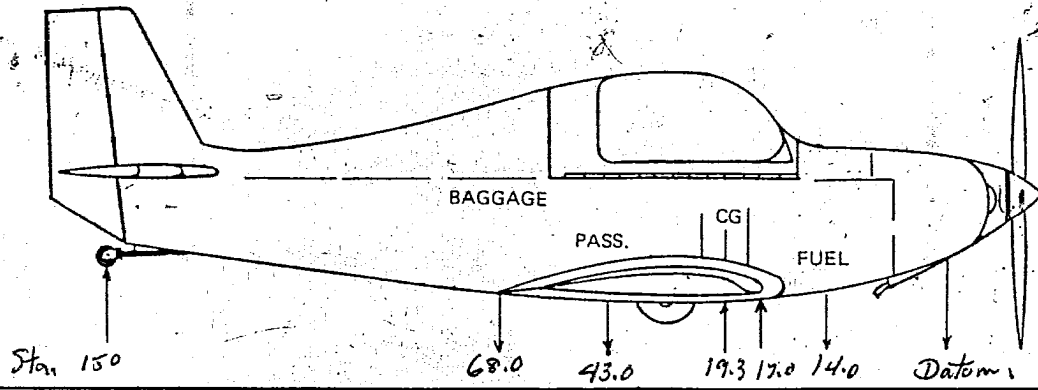
STATE OF CALIFORNIA
COUNTY OF [illegible]

BEFORE ME, the undersigned authority, on this [illegible] day of [illegible] 19[illegible], personally appeared [illegible], known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this [illegible] day of [illegible] 19[illegible].

Notary Public for the State of California

and BY [illegible]
[illegible]



C.G. Range
[Inches] 19.3 - 27.3

A.C.N. # N133RM
BUILDER: Roy W. Marsh
3968 Berwyn Dr.
Santa Maria, CA. 93455

	A WT. (LBS)	B TARE WT.	C NET WT.	D MOMENT ARM (INCHES)	E MOMENT W/T (in /LBS)	
LEFT WHEEL	296	-	= 296	X 17	= 5032	
RIGHT WHEEL	280		280	17	4760	
TAIL WHEEL	10		10	150	1500	
PLANE EMPTY C.G. (WITH OIL) =			<u>586</u>		<u>11292</u>	$\frac{E}{C} = \underline{19.3}$ station
PLANE EMPTY	586			17	11292	
PILOT ONLY	170			43	7310	
Full HEADER TANK	96			14	1344	
	852			74	19946	<u>23.4</u> MAX FORWARD C.G. CONDITION
PLANE EMPTY	586			17	11292	
PILOT & PASS.	290			43	12470	
Full FUEL	96			14	1344	
	972				25106	<u>25.8</u>
PLANE	586			17	11292	
PILOT & PASS.	290			43	12470	
Full FUEL	96			14	1344	
LUGGAGE	20			68	1360	
	992				26466	<u>26.7</u>

Pilot Computed @ 170#
Pass. Computed @ 120#

Roy W. Marsh
RB

5 Feb. 94

<p>Rand Robinson ENGINEERING, INC. 5842 K McFadden Ave., Huntington Bch., CA 92649 714 898-3811</p>	<p>PAGE: 115</p>	<p>May, 1986</p>
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10000

AFFIDAVIT OF OWNERSHIP FOR AMATEUR-BUILT AIRCRAFT

U.S. Identification Number N133PM
Builder's Name Roy W. Marsh
Model Rand-Robinson KR-2S
Serial Number (required) 8103
Class (airplane, rotorcraft, glider, etc.) Airplane Land
Type of Engine Installed (reciprocating, turbopropeller, etc.)
Reciprocating
Number of Engines Installed One
Manufacturer, Model, and Serial Number of each Engine Installed
Revmaster 2100DT S.N. A2397
Built for Land or Water Operation Land
Number of Seats 2

The above described aircraft was built from parts and I am the owner.

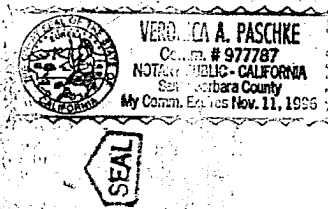
Address 3968 Berwyn Dr.
City Santa Maria State Calif. Zip Code 93455
Telephone: Home (805) 937 9489 Work () N/A

Roy W. Marsh
(Signature of Owner)

State of California
County of Santa Barbara

Subscribed and sworn to before me this 25th day of January, 1994.
My commission expires 11 NOV 1996.

Veronica A. Paschke
(Signature of Notary Public)



8-16-94

THE ABOVE DESCRIBED AIRCRAFT WAS REGISTERED IN THE
NAME OF [REDACTED] AT [REDACTED] ON [REDACTED]
DATE OF REGISTRATION [REDACTED]
REGISTRATION NUMBER [REDACTED]
TYPE [REDACTED]
CLASSIFICATION [REDACTED]
OPERATOR [REDACTED]
OWNER [REDACTED]
ADDRESS [REDACTED]
CITY [REDACTED]
STATE [REDACTED]
COUNTY [REDACTED]
ZIP [REDACTED]

FAA
WASHINGTON, DC



**ELIGIBILITY STATEMENT
AMATEUR-BUILT AIRCRAFT**

Instructions: Print or type all information except signature. Submit original to an authorized FAA representative. Applicant completes Section I thru III. Notary Public completes Section IV.

I. APPLICANT INFORMATION

Name Roy W. Marsh
Address 3968 Berwyn Dr. Santa Maria Calif. 93455
No. & Street City State Zip
Telephone No. 805 9379489
Residence Business

II. AIRCRAFT INFORMATION

Model Rand-Robinson KR-2S Engine(s) Make Rotaxmaster 2100D
Assigned Serial No. 8103 Engine(s) Serial No.(s) A2397
Registration No. N133RM Prop./Rotor(s) Make Ed Sterba
Aircraft Fabricated: Plan Kit Prop./Rotor(s) Serial No.(s) _____

III. MAJOR PORTION ELIGIBILITY STATEMENT OF APPLICANT

The major portion of the aforementioned aircraft was fabricated and assembled for education and/or recreation. I have evidence to support this statement and will make it available to the FAA upon request.

Date of Statement 25 January 94 Applicant's Signature Roy W. Marsh

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5193

State of CALIFORNIA
County of SANTA BARBARA

On 25 Jan 94 before me, VERONICA A. PASCHKE, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"
personally appeared Roy W. Marsh
NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Veronica A. Paschke
SIGNATURE OF NOTARY

OPTIONAL SECTION

CAPACITY CLAIMED BY SIGNER

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

- INDIVIDUAL
- CORPORATE OFFICER(S)
- TITLE(S)
- PARTNER(S) LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

OPTIONAL SECTION

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested here is not required by law, it could prevent fraudulent reattachment of this form.

TITLE OR TYPE OF DOCUMENT _____
NUMBER OF PAGES _____ DATE OF DOCUMENT _____
SIGNER(S) OTHER THAN NAMED ABOVE _____

DATE: 8-16-94



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