FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 9-9-91

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
CE-01 RLD

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE: Wittman Tailwind	MODEL: W-8
	SERIAL NO.: 36	NATIONALITY AND REGISTRATION MARK: N 6333T
2. OWNER	NAME (As shown on registration certificate): Patrick K. Hayward	ADDRESS (As shown on registration certificate): 302 East Washington, Fairfield, Iowa 52556

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				
POWERPLANT	Teledyne Continental	O-200A	213580-71A		X
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Tamela A. Nasworthy %Messenger Air Ltd RR 4 Box 317 Fairfield, Iowa 52556	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	A&P 552088359

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 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.

DATE: 8 Jul 91

SIGNATURE OF AUTHORIZED INDIVIDUAL: Tamela A. Nasworthy

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is [X] APPROVED [ ] REJECTED

BY							
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)
		FAA DESIGNEE		REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
8 Jul 91	IA 281447651	Roger E. Messenger

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 9 - 9 - 91

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.)*

Installed El Reno oil Filter Adapter Kit in accordance with STC SE7559SW.
Recumputed weight and balance.
WARNING: One half inch minimum clearance must be maintained around filter can. The only approved filter for this installation is the Electrosystems ES48108 and Champion CH48108.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

☆ U.S. GPO 1981 - 775-332/47

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE June 27, 1972		EXPIRY 6-27-73
	OPERATING LIMITATIONS DATED 6-27-72		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller		DESIGNATION OR OFFICE NO. GL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N6333T	Tailwind	W-8	1967	
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		
36	Continental	C-90-12F		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS:	
1	McCauley	CM 65-58	NEW [ ] X USED [ ] IMPORT	

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 [ ] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] X SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

2	[ ]	LIMITED								
5	[ ]	PROVISIONAL (Indicate class)	1	[ ]	CLASS I					
			2	[ ]	CLASS II					
3	[ ]	RESTRICTED (Indicate operation(s) to be conducted)	1	[ ]	AGRICULTURE & PEST CONTROL	2	[ ]	AERIAL SURVEYING	3	[ ] AERIAL ADVERTISING
			4	[ ]	FOREST (Wild life conservation)	5	[ ]	PATROLLING	6	[ ] WEATHER CONTROL
			0	[ ]	OTHER (Specify)					
4	X	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	[ ]	RESEARCH AND DEVELOPMENT	2	X	AMATEUR BUILT	3	[ ] EXHIBITION
			4	[ ]	RACING	5	[ ]	CREW TRAINING	6	[ ] MKT. SURVEY
			0	[ ]	TO SHOW COMPLIANCE WITH FAR					
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 MAX. CERTIFICATED TAKE-OFF WEIGHT					
			4	[ ]	DELIVERING OR EXPORT	5	[ ]	PRODUCTION FLIGHT TESTING		

C 6 [ ] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE → [ ]

NAME	ADDRESS
Rupe, Lloyd O.	R. R. 4, Box 481A Elkhart, Ind. 46514

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

[ ]	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) N/A	[ ]	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) N/A
[ ]	AIRCRAFT LISTING (Give page No(s).) N/A	[ ]	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

X	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS—Enter for used aircraft only 165.0	3	EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed 27

D. CERTIFICATION—I hereby certify that I am the 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
6-27-72	William B. Haselton (Agent)	Wm B. Haselton

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)

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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] [ ] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE		DESIGNEE'S SIGNATURE AND NO.		FAA INSPECTOR'S SIGNATURE
6-27-72	GL-GADO-18	4		1	Raymond T. Miller Raymond T. Miller

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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:

RECEIVED JUL 7 1 5 4 PM '72 ENGINEERING AND MANUFACTURING BRANCH

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)

	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*	X	I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft		
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated June 27, 1972:

1. Each person operating this aircraft shall comply with the operating limitations prescribed in Federal Aviation Regulations, Part 91, Section 91.42 and shall conduct all flights in accordance with the applicable FAA Air Traffic and General operating rules.

2. Any major change to this aircraft or change of ownership invalidates this certificate.

3. The following placard shall be displayed in the cockpit in full view of all occupants: "PASSENGER WARNING - THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT."

4. Acrobatics shall not be performed unless the applicant demonstrates in a flight test area, that acrobatics can be safely performed and witnessed by an FAA Inspector.

5. All flights shall be conducted within the following boundaries corridors:

   a. Flight area limited to Continental United States.

Raymond T. Miller
Raymond T. Miller
FAA Inspector

June 27, 1972
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANU-FACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE 7-7-71		EXPIRY 7-7-72
	OPERATING LIMITATIONS DATED 7-7-71		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Alfio A. Sapienza		DESIGNATION OR OFFICE NO. GL-GADO-3-2-18

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

A	This airworthiness certificate is issued u[illegible] the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulatio[illegible] (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests under this certificate; (1) Carrying name. No person may conduct production flight tests of aircraft registered in his 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 comprehensive and detailed air- aircraft does not meet the requirements of the applicable FAR. The worthiness code as provided by Annex 8 to the Convention On International Civil Avia- tion. No person may operate the aircraft described on the reverse side: (1) except in accord- ance 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.

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated July 7, 1971:

1. Each person operating this aircraft shall comply with the operating limitations prescribed in Federal Aviation Regulations, Part 91, Section 91.42 and shall conduct all flights in accordance with the applicable FAA Air Traffic and General operating rules.

2. Any major change to this aircraft or change of ownership invalidates this certificate.

3. The following placard shall be displayed in the cockpit in full view of all occupants: "PASSENGER WARNING - THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT."

4. Acrobatics shall not be performed unless the applicant demonstrates in a flight test area, that acrobatics can be safely performed and witnessed by an FAA Inspector.

5. All flights shall be conducted within the following boundaries corridors:

   a. Flight area limited to Continental United States.

Alfio A. Sapienza
Alfio A. Sapienza
FAA Inspector

July 7, 1971
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

(8) 9/27/8

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
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: N6333T	2. AIRCRAFT BUILDER'S NAME (make): Wittman-Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: #36	6. ENGINE BUILDER'S NAME (make): continental	7. ENGINE MODEL DESIGNATION: C-90-12	FAA CODING: 9790268 / 17009
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: NA	11. AIRCRAFT IS: NEW [ ] USED [ ] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 [ ] STANDARD AIRWORTHINESS CERT. (Indicate category) — NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON [ ]

B [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 [ ] LIMITED
- 5 [ ] PROVISIONAL (Indicate class)
  - 1 [ ] CLASS I
  - 2 [ ] CLASS II
- 3 [ ] RESTRICTED (Indicate operation(s) to be conducted)
  - 1 [ ] AGRICULTURE & PEST CONTROL; 2 [ ] AERIAL SURVEYING; 3 [ ] AERIAL ADVERTISING
  - 4 [ ] FOREST (Wild life conservation); 5 [ ] PATROLLING; 6 [ ] WEATHER CONTROL
  - 0 [ ] OTHER (Specify)
- 4 [X] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - 1 [ ] RESEARCH AND DEVELOPMENT; 2 [X] AMATEUR BUILT; 3 [ ] EXHIBITION
  - 4 [ ] RACING; 5 [ ] CREW TRAINING; 6 [ ] MKT. SURVEY
  - 0 [ ] TO SHOW COMPLIANCE WITH FAR
- 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 MAX. CERTIFICATED TAKE-OFF WEIGHT
  - 4 [ ] DELIVERING OR EXPORT; 5 [ ] PRODUCTION FLIGHT TESTING

C 6 [ ] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

IF DEALER, CHECK HERE [ ]

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)

NAME: Lloyd O. Rupe
ADDRESS: 27111 Oakland Hill Dr. Elkhart Ind 46517

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): NA
AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): NA
AIRCRAFT LISTING (Give page No(s).): NA
SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): NA

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 [ ]
TOTAL AIRFRAME HOURS—Enter for used aircraft only: 245.58
3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 3 hrs.

D. CERTIFICATION—I hereby certify that I am the 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: 9.26.80
NAME AND TITLE (Print or type): Lloyd O. Rupe-Owner
SIGNATURE: L. O. Rupe

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)

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) I find that the aircraft described in Section I or VII meets the requirements for: [ ] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE: 9-26-80
DISTRICT OFFICE: GADO 18
4 DESIGNEE'S SIGNATURE AND NO.
1 FAA INSPECTOR'S SIGNATURE: Robert E Kendig

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

- [ ] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [ ] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [ ] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [ ] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [ ] I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
- [ ] J. Current Airworthiness Certificate Issued in Accordance with FAR _____ *(Copy attached)*

★1975-G.P.O.-1703-M/673-234/178

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION	Experimental - Amateur Built		
	PURPOSE	Operating Amateur-Built Aircraft		
B	MANUFACTURER	NAME	N/A	
		ADDRESS	N/A	
C	FLIGHT	FROM	N/A	
		TO	N/A	
D	N-6333T		SERIAL NO.	36
	BUILDER	Tailwind	MODEL	W-8
E	DATE OF ISSUANCE	December 1, 1978	EXPIRY	Unlimited
	OPERATING LIMITATIONS DATED	9-26-83	ARE A PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE	Robert E. Kendig	DESIGNATION OR OFFICE NO.	ACE-GADO-18

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 8130-7 (7-79) USE PREVIOUS EDITION

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N-6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE December 13, 1978		EXPIRY December 13, 1979
	OPERATING LIMITATIONS DATED 12-13-78		AND A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Alfio A. Sapienza		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-8; 8100-3; 8130-5 *SEE REVERSE SIDE*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

A	This airworthine rtificate is issued under the authority of the F l Aviation Act of 1958 and the Fe al 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.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1976—676-708

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental Category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated December 13, 1978:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.

4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.

5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.

6. No person may operate this aircraft for carrying persons or property for compensation or hire.

7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

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 foreign country without the special permission of that country.

2.

11. For amateur-built and amateur-built exhibition and air racing aircraft: Only FAA-certificated repairmen, experimental aircraft builders (show , FAA-certificated mechanics holding an Airframe and Powerplant Rating, and appropriately rated repair stations may perform condition inspections in accordance with Appendix D of Part 43.

12. 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 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.

Robert E Kendig

September 26, 1980
Date of Issue

Robert E. Kendig
FAA Inspector

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated December 13, 1978:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.

4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.

5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.

6. No person may operate this aircraft for carrying persons or property for compensation or hire.

7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

December 13, 1978
Date of Issue

Alfio A. Sapienza
Alfio A. Sapienza
FAA Inspector

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N-6333T	Tailwind	W-8	1967	979268
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		17009
36	Continental	C-90-12F		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION		11. AIRCRAFT IS:
1	McCauley	CM 65-58		NEW [ ] USED [X] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- [2] LIMITED
- [5] PROVISIONAL (Indicate class)
  - [1] CLASS I
  - [2] CLASS II
- [3] RESTRICTED (Indicate operation(s) to be conducted)
  - [1] AGRICULTURE & PEST CONTROL
  - [2] AERIAL SURVEYING
  - [3] AERIAL ADVERTISING
  - [4] FOREST (Wild life conservation)
  - [5] PATROLLING
  - [6] WEATHER CONTROL
  - [0] OTHER (Specify)
- [4] [X] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - [1] RESEARCH AND DEVELOPMENT
  - [2] [X] AMATEUR BUILT
  - [3] EXHIBITION
  - [4] RACING
  - [5] CREW TRAINING
  - [6] MKT. SURVEY
  - [0] TO SHOW COMPLIANCE WITH FAR
- [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 MAX. CERTIFICATED TAKE-OFF WEIGHT
  - [4] DELIVERING OR EXPORT
  - [5] PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE →

NAME	ADDRESS
Rupe, Lloyd O.	R. R. 4, Box 481A Elkhart, Indiana 46514

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

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

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

/ X CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS—Enter for used aircraft only 242:00 HRS	3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed 5:00

D. CERTIFICATION—I hereby certify that I am the 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
12-13-78	Lloyd Rupe (Owner)	L O Rupe

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)

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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of the current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE	DESIGNEE'S SIGNATURE AND NO.	FAA INSPECTOR'S SIGNATURE
12-13-78	AGL-GADO-18		Alfio A. Sapienza Alfio A. Sapienza

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME | ADDRESS

INVENTANCE FILED WITH FAA AIRCRAFT REGISTRY

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] APPROVED PRODUCTION INSPECTION SYSTEM

DEC 13 12 52 PM '76

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION | NAME AND TITLE *(Print or type)* | SIGNATURE

OKLAHOMA CITY, OKLA.

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)

- [X] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [X] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [X] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [X] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [X] I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
- [X] J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 _____ *(Copy attached)*

☆ U.S. GOVERNMENT PRINTING OFFICE: 1977 - 772-386/105/7

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N-63331		SERIAL NO. 36
	BUILDER Tailwind		MODEL T-8
E	DATE OF ISSUANCE December 13, 1978		EXPIRES December 13, 1979
	OPERATING LIMITATIONS DATED 12-13-78		AND A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE ORIGINAL SIGNED Alfio A. Sapienza		DESIGNATION OR OFFICE NO. AGL-GAD-13

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5 *SEE REVERSE SIDE*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

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 21.2[illegible]

☆ U.S. GOVERNMENT PRINTING OFFICE: 1976—676-703

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur-Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE October 13, 1977		EXPIRY October 13, 1978
	OPERATING LIMITATIONS DATED 10-13-77		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Robert F. Koester		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5 SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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 21.2[illegible]

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated October 13, 1977:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.

4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.

5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.

6. No person may operate this aircraft for carrying persons or property for compensation or hire.

7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

October 13, 1977
Date of Issue

Robert F. Koester
FAA Inspector

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

Proof by # 2

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

08 071078

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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-6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F	FAA CODING: ~~8190268~~ 17009
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: CM 65-58	11. AIRCRAFT IS: NEW [ ] USED [X] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category) NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON [ ]

B [ ] [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- [2] LIMITED
- [5] PROVISIONAL (Indicate class): [1] CLASS I; [2] CLASS II
- [3] RESTRICTED (Indicate operation(s) to be conducted): [1] AGRICULTURE & PEST CONTROL; [2] AERIAL SURVEYING; [3] AERIAL ADVERTISING; [4] FOREST (Wild life conservation); [5] PATROLLING; [6] WEATHER CONTROL; [0] OTHER (Specify)
- [4] EXPERIMENTAL (Indicate operation(s) to be conducted) [X]: [1] RESEARCH AND DEVELOPMENT; [2] [X] AMATEUR BUILT; [3] EXHIBITION; [4] RACING; [5] CREW TRAINING; [6] MKT. SURVEY; [0] TO SHOW COMPLIANCE WITH FAR
- [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 MAX. CERTIFICATED TAKE-OFF WEIGHT; [4] DELIVERING OR EXPORT; [5] PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME: Rupe, Lloyd O.
ADDRESS: R. R. 4, Box 481A, Elkhart, Indiana 46514

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): N/A
AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A
SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

[X] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
TOTAL AIRFRAME HOURS—Enter for used aircraft only
[3] EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed

D. CERTIFICATION—I hereby certify that I am the 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
9-8-76	Lloyd Rupe (Owner)	L O Rupe

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)

[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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE	[4] DESIGNEE'S SIGNATURE AND NO.	[1] FAA INSPECTOR'S SIGNATURE
10-13-77	AGL-GADO-18		Robert F. Koester

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

- [ ] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [ ] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [ ] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [ ] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [ ] I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
- [ ] J. Current Airworthiness Certificate Issued in Accordance with FAR _____ *(Copy attached)*

★1975-G.P.O.-1703-M/673-224/178

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Kitfoxs-Built Aircraft	
B	MANU-FACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N— 5335F		SERIAL NO. 36
	BUILDER Fairbird		MODEL Ex-8
E	DATE OF ISSUANCE October 13, 1977		EXPIRY October 13, 1978
	OPERATING LIMITATIONS DATED 10-13-77		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Robert F. Koester		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-8; 8100-3; 8130-5 *SEE REVERSE SIDE*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the F al 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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N- 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE September 8, 1976		EXPIRY September 8, 1977
	OPERATING LIMITATIONS DATED 9-8-76		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Robert F. Koester		DESIGNATION OR OFFICE NO. AGL-GADO-18

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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-6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F	FAA CODING: 9796268 / 17669
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: CM 65-58	11. AIRCRAFT IS: NEW [X] USED [ ] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- [2] LIMITED
- [5] PROVISIONAL (Indicate class)
  - [1] CLASS I
  - [2] CLASS II
- [3] RESTRICTED (Indicate operation(s) to be conducted)
  - [1] AGRICULTURE & PEST CONTROL
  - [2] AERIAL SURVEYING
  - [3] AERIAL ADVERTISING
  - [4] FOREST (Wild life conservation)
  - [5] PATROLLING
  - [6] WEATHER CONTROL
  - [0] OTHER (Specify)
- [4] [X] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - [1] RESEARCH AND DEVELOPMENT
  - [2] [X] AMATEUR BUILT
  - [3] EXHIBITION
  - [4] RACING
  - [5] CREW TRAINING
  - [6] MKT. SURVEY
  - [0] TO SHOW COMPLIANCE WITH FAR
- [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 MAX. CERTIFICATED TAKE-OFF WEIGHT
  - [4] DELIVERING OR EXPORT
  - [5] PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above) IF DEALER, CHECK HERE →

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)

NAME: Rupe, Lloyd O.
ADDRESS: R. R. 4, Box 481A, Elkhart, Indiana 46514

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): N/A
AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A
SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

[X] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
TOTAL AIRFRAME HOURS—Enter for used aircraft only: 704
[3] EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 9

D. CERTIFICATION—I hereby certify that I am the 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: 9-8-76
NAME AND TITLE (Print or type): Milton Hatfield (Agent)
SIGNATURE: Milton Hatfield

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)

- [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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] [ ] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE: 9-8-76
DISTRICT OFFICE: AGL-GADO-18
[4] DESIGNEE'S SIGNATURE AND NO.
[1] FAA INSPECTOR'S SIGNATURE: Robert F. Koester

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Typed by

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

X	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*	X	I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft		
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N- 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE September 8, 1976		EXPIRY September 8, 1977
	OPERATING LIMITATIONS DATED 7-8-76		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE ORIGINAL SIGNED BY Robert F. Koester		DESIGNATION OR OFFICE NO. AGL-GADO-18

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental — Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N— 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE July 9, 1975		EXPIRY July 9, 1976
	OPERATING LIMITATIONS DATED 7-9-75		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated September 9, 1976:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.
2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.
3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.
4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.
5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.
6. No person may operate this aircraft for carrying persons or property for compensation or hire.
7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.
8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in this aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.
9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.
10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

ORIGINAL SIGNED BY

September 8, 1976
Date of Issue

Robert F. Koester
FAA Inspector

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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: N6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967	FAA CODING: 979Ø2G8
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F		17ØØ9
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: CM 65-58		11. AIRCRAFT IS: NEW [ ] X USED [ ] IMPORT

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] X SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- [2] LIMITED
- [5] PROVISIONAL (Indicate class)
  - [1] CLASS I
  - [2] CLASS II
- [3] RESTRICTED (Indicate operation(s) to be conducted)
  - [1] AGRICULTURE & PEST CONTROL; [2] AERIAL SURVEYING; [3] AERIAL ADVERTISING
  - [4] FOREST (Wild life conservation); [5] PATROLLING; [6] WEATHER CONTROL
  - [0] OTHER (Specify)
- [4] EXPERIMENTAL (Indicate operation(s) to be conducted) X
  - [1] RESEARCH AND DEVELOPMENT; [2] X AMATEUR BUILT; [3] EXHIBITION
  - [4] RACING; [5] CREW TRAINING; [6] MKT. SURVEY
  - [0] TO SHOW COMPLIANCE WITH FAR
- [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 MAX. CERTIFICATED TAKE-OFF WEIGHT
  - [4] DELIVERING OR EXPORT; [5] PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME: Rupe, Lloyd O.
ADDRESS: R. R. 4, Box 481A, Elkhart, Indiana 46514

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): N/A
AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A
SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

X CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
TOTAL AIRFRAME HOURS—Enter for used aircraft only: 204:49
[3] EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 31.0

D. CERTIFICATION—I hereby certify that I am the 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: 7-3-74
NAME AND TITLE (Print or type): Lloyd O. Rupe (Owner)
SIGNATURE: L. O. Rupe X

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)

[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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE: 7-3-74
DISTRICT OFFICE: AGL-GADO-18
[4] DESIGNEE'S SIGNATURE AND NO.
[1] FAA INSPECTOR'S SIGNATURE: Raymond T. Miller
Raymond T. Miller

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

X	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*		I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft	X	
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N-6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE July 3, 1974		EXPIRY July 3, 1975
	OPERATING LIMITATIONS DATED 7-3-74		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE ORIGINAL SIGNED BY Raymond T. Miller		DESIGNATION OR OFFICE NO. AGL-GADO-18

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

A	This airwor[illegible]ess certificate is issued under the authority of the Federal Aviation Act of 1958 and t[illegible]ederal 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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N- 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE June 15, 1973		EXPIRY June 15, 1974
	OPERATING LIMITATIONS DATED 6-15-73		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

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.

FEDERAL AVIATION ADMINISTRATION
General Aviation District Off. 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated June 15, 1973:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.

4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.

5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.

6. No person may operate this aircraft for carrying persons or property for compensation or hire.

7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in this aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

Raymond T. Miller
Raymond T. Miller
FAA Inspector

June 15, 1973
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

ed by #38

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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: N6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F	FAA CODING: 979Ø2G8 / 17ØØ9
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: CM 65-58	11. AIRCRAFT IS: NEW [ ] USED [X] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON [ ]

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category)

B [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 LIMITED
- 5 PROVISIONAL (Indicate class)
- 3 RESTRICTED (Indicate operation(s) to be conducted)
- 4 EXPERIMENTAL (Indicate operation(s) to be conducted)
- X 8 SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)

1 CLASS I
2 CLASS II
1 AGRICULTURE & PEST CONTROL — 2 AERIAL SURVEYING — 3 AERIAL ADVERTISING
4 FOREST (Wild life conservation) — 5 PATROLLING — 6 WEATHER CONTROL
0 OTHER (Specify)
1 RESEARCH AND DEVELOPMENT — 2 [X] AMATEUR BUILT — 3 EXHIBITION
4 RACING — 5 CREW TRAINING — 6 MKT. SURVEY
0 TO SHOW COMPLIANCE WITH FAR
1 FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE
2 EVACUATE FROM AREA OF IMPENDING DANGER
3 OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT
4 DELIVERING OR EXPORT — 5 PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above) — IF DEALER, CHECK HERE →

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)

NAME: Rupe, Lloyd O.
ADDRESS: R. R. 4, Box 481A, Elkhart, Indiana 46514

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): N/A
AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A
SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173: [X]
TOTAL AIRFRAME HOURS—Enter for used aircraft only: 215.23
3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 10.73

D. CERTIFICATION—I hereby certify that I am the 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: 7-9-75
NAME AND TITLE (Print or type): Lloyd O. Rupe (Owner)
SIGNATURE: L. O. Rupe

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)

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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] [ ] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE: 7-9-75
DISTRICT OFFICE: AGL-GADO-18
4 DESIGNEE'S SIGNATURE AND NO.
1 FAA INSPECTOR'S SIGNATURE: Raymond T. Miller

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

X	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*	X	I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft		
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 6333T		SERIAL NO. 35
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE July 9, 1975		EXPIRY July 9, 1976
	OPERATING LIMITATIONS DATED 7-9-75		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE ORIGINAL SIGNED Raymond T. Smeby		DESIGNATION OR OFFICE NO. AGL-GADO-18

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the F[illegible]al 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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated July 9, 1975:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.
2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.
3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.
4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.
5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.
6. No person may operate this aircraft for carrying persons or property for compensation or hire.
7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.
8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in this aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.
9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.
10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

ORIGINAL SIGNED BY
Raymond T. Miller

July 9, 1975
Date of Issue

FAA Inspector

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N-6333T		
	BUILDER Tailwind	SERIAL NO. 36	
E	DATE OF ISSUANCE July 3, 1974	MODEL W-8	
	OPERATING LIMITATIONS DATED 7-3-74	EXPIRY July 3, 1975	
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller	ARE A PART OF THIS CERTIFICATE	
		DESIGNATION OR OFFICE NO. AGL-GADO-18	

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-8; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (F
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.

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
1843 Commerce Drive
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated July 3, 1974:

Out of Flight Test Area:

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.
2. No operations, including takeoffs and landings, shall be conducted over densely populated areas or in congested airways.
3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating it into or out of airports with operating control towers.
4. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft must be operated Day VFR only.
5. This aircraft shall contain the placards, listings and instrument markings required by FAR 91.31.
6. No person may operate this aircraft for carrying persons or property for compensation or hire.
7. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.
8. This aircraft is prohibited from aerobatic flight which is an intentional maneuver involving an abrupt change in this aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.
9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.
10. This aircraft does not comply with the Airworthiness Standards of ICAO Annex, Part II; therefore, flights are not authorized over foreign countries. Special permission must be obtained from foreign countries to conduct flights over their territories.

July 3, 1974
Date of Issue

Raymond T. Miller
Raymond T. Miller
FAA Inspector

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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: N6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F	FAA CODING: 7792G8 / 17009
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: CM 65-58	11. AIRCRAFT IS: NEW [ ] USED [X] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 [ ] STANDARD AIRWORTHINESS CERT. (Indicate category) — NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON [ ]

B [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 [ ] LIMITED
- 5 [ ] PROVISIONAL (Indicate class) — 1 [ ] CLASS I; 2 [ ] CLASS II
- 3 [ ] RESTRICTED (Indicate operation(s) to be conducted) — 1 [ ] AGRICULTURE & PEST CONTROL; 2 [ ] AERIAL SURVEYING; 3 [ ] AERIAL ADVERTISING; 4 [ ] FOREST (Wild life conservation); 5 [ ] PATROLLING; 6 [ ] WEATHER CONTROL; 0 [ ] OTHER (Specify)
- 4 [X] EXPERIMENTAL (Indicate operation(s) to be conducted) — 1 [ ] RESEARCH AND DEVELOPMENT; 2 [X] AMATEUR BUILT; 3 [ ] EXHIBITION; 4 [ ] RACING; 5 [ ] CREW TRAINING; 6 [ ] MKT. SURVEY; 0 [ ] TO SHOW COMPLIANCE WITH FAR
- 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 MAX. CERTIFICATED TAKE-OFF WEIGHT; 4 [ ] DELIVERING OR EXPORT; 5 [ ] PRODUCTION FLIGHT TESTING

C 6 [ ] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above) — IF DEALER, CHECK HERE →

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)

NAME: Rupe, Lloyd O.
ADDRESS: R. R. 4, Box 481A, Elkhart, Indiana 46514

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): N/A
AIRWORTHINESS DIRECTIVES (Check if all applicable ADs complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A
SUPPLEMENTAL TYPE CERTIFICATE (List number of each incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

[X] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
TOTAL AIRFRAME HOURS—Enter for used aircraft only: 173.0
3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 18.0

D. CERTIFICATION—I hereby certify that I am the 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: 6-15-73
NAME AND TITLE (Print or type): William B. Haselton (Agent)
SIGNATURE: William B. Haselton

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)

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) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE: 6-15-73
DISTRICT OFFICE: C-18 ~~AGL-GADO-18~~
4 DESIGNEE'S SIGNATURE AND NO.
FAA INSPECTOR'S SIGNATURE: Raymond T. Miller

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME | ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)

- [ ] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [X] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [X] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [X] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [X] I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
- [X] J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 _____ *(Copy attached)*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N- 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE June 15, 1973		EXPIRY June 15, 1974
	OPERATING LIMITATIONS DATED 6-15-73		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller		DESIGNATION OR OFFICE NO. AGL-GADO-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	SERIAL NO. 36
		TO N/A	MODEL W-8
D	N— 6333T		EXPIRY 6-27-73
	BUILDER Tailwind		ARE A PART OF THIS CERTIFICATE
E	DATE OF ISSUANCE June 27, 1972		DESIGNATION OR OFFICE NO.
	OPERATING LIMITATIONS DATED 6-27-72		GL-GADO-18
	SIGNATURE OF FAA REPRESENTATIVE Raymond T. Miller		

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.

SEE REVERSE SIDE

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130.7, dated June 27, 1972:

1. Each person operating this aircraft shall comply with the operating limitations prescribed in Federal Aviation Regulations, Part 91, Section 91.42 and shall conduct all flights in accordance with the applicable FAA Air Traffic and General operating rules.

2. Any major change to this aircraft or change of ownership invalidates this certificate.

3. The following placard shall be displayed in the cockpit in full view of all occupants: "PASSENGER WARNING - THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT."

4. Acrobatics shall not be performed unless the applicant demonstrates in a flight test area, that acrobatics can be safely performed and witnessed by an FAA Inspector.

5. All flights shall be conducted within the following boundaries corridors:

   a. Flight area limited to Continental United States.

Raymond T. Miller
Raymond T. Miller
FAA Inspector

June 27, 1972
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Punched by Operator #39

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N-6333T	Tailwind	W-8	1967	97902 H8
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		17009
36	Continental	C-90-12F		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS:	
1	McCauley	CM65-58	NEW [x] USED [ ] IMPORT [ ]	

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 [ ] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] [x] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 [ ] LIMITED
- 5 [ ] PROVISIONAL (Indicate class)
  - 1 [ ] CLASS I
  - 2 [ ] CLASS II
- 3 [ ] RESTRICTED (Indicate operation(s) to be conducted)
  - 1 [ ] AGRICULTURE & PEST CONTROL; 2 [ ] AERIAL SURVEYING; 3 [ ] AERIAL ADVERTISING
  - 4 [ ] FOREST (Wild life conservation); 5 [ ] PATROLLING; 6 [ ] WEATHER CONTROL
  - 0 [ ] OTHER (Specify)
- 4 [x] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - 1 [ ] RESEARCH AND DEVELOPMENT; 2 [x] AMATEUR BUILT; 3 [ ] EXHIBITION
  - 4 [ ] RACING; 5 [ ] CREW TRAINING; 6 [ ] MKT. SURVEY
  - 0 [ ] TO SHOW COMPLIANCE WITH FAR
- 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 MAX. CERTIFICATED TAKE-OFF WEIGHT
  - 4 [ ] DELIVERING OR EXPORT; 5 [ ] PRODUCTION FLIGHT TESTING

C 6 [ ] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME: Rupe, Lloyd O.

ADDRESS: R. R. 4, Box 481A
Elkhart, Indiana 46514

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

- [ ] AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.)
- [ ] AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.)
- [ ] AIRCRAFT LISTING (Give page No(s).)
- [ ] SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

- [x] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
- TOTAL AIRFRAME HOURS—Enter for used aircraft only: 137:80
- 3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 27:00

D. CERTIFICATION—I hereby certify that I am the 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
July 7, 1971	William B. Haselton, Agent	Wm B. Haselton

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)

- 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

I have inspected the aircraft described in item I or VII and find it meets the requirements for:

- [ ] A. STANDARD AIRWORTHINESS CERTIFICATE
- [ ] B. SPECIAL AIRWORTHINESS CERTIFICATE
- 4 [x] C. AMENDMENT OR MODIFICATION OF ITS CURRENT AIRWORTHINESS CERTIFICATE

DATE	DISTRICT OFFICE	4 DESIGNEE'S SIGNATURE AND NO.	1 FAA INSPECTOR'S SIGNATURE
7-7-71	GL-3-2-18		Alfio A. Sapienza

FAA Form 8130-6 (3-69) SUPERSEDES FAA FORM 305, AND FAA FORM 8100-3.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] 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)*

RECEIVED
JUL 16 08 07
ENGINEERING AND MANUFACTURING BRANCH

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)

	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
			H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
X	B. Current Operating Limitations Attached		
	C. Data, Drawings, Photographs, etc. *(Attach when required)*	X	I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR[1] ____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft		
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

U.S. GOVERNMENT PRINTING OFFICE : 1969 OF—347-330

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE 7-1-70		EXPIRY 7-1-71
	OPERATING LIMITATIONS DATED 7-1-70		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Alfio A. Sapienza		DESIGNATION OR OFFICE NO. CB-GADO-3-2-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	Experimental - Amateur Built	
	PURPOSE:	Operating Amateur Built Aircraft	
B	MANUFACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N-6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL W-8
E	DATE OF ISSUANCE 7-7-71		EXPIRY 7-7-72
	OPERATING LIMITATIONS DATED 7-7-71		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE ORIGINAL SIGNED BY Alfio A. Sepienza		DESIGNATION OR OFFICE NO. GL-GAIC-3-2-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5 *SEE REVERSE SIDE*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Fe l 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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

GENERAL AVIATION ADMINISTRATION
General Aviation District Office 29
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F N-Number 6333T

Empty Weight 846 Gross Weight 1450 Useful Load 604

The following operations limitations shall be observed in connection with the above described aircraft in the Experimental category, Amateur Built. These limitations are a part of the Special Airworthiness Certificate, FAA Form 8130-7, dated 7-1-70.

1. Each person operating this aircraft shall comply with the operating limitations prescribed in Federal Aviation Regulations, Part 91, [illegible] and shall conduct all flights in accordance [illegible] traffic and general operating [illegible]

2. Any major change to this aircraft or a change of ownership invalidates this certificate.

3. The following placard shall be displayed in the cockpit in full view of all occupants: "PASSENGER WARNING - THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT".

4. Aerobatics shall not be performed unless the applicant demonstrates in a flight test area, that aerobatics can be safely performed and witnessed by an FAA Inspector.

5. All flights shall be conducted within the following boundaries and corridors:

   a) **No passengers or flight area restrictions.**

Alfio A. Sapienza
Alfio A. Sapienza
FAA Inspector

7-1-70
Date of Issue

SBN GADO
3-2-18

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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-6333T	2. AIRCRAFT BUILDER'S NAME (make): Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	4. YR. MFG.: 1967
5. AIRCRAFT SERIAL NO.: 36	6. ENGINE BUILDER'S NAME (make): Continental	7. ENGINE MODEL DESIGNATION: C-90-12F	FAA CODING: 97902G8 / 17009
8. NUMBER OF ENGINES: 1	9. PROPELLER BUILDER'S NAME (make): McCauley	10. PROPELLER MODEL DESIGNATION: 65-58	11. AIRCRAFT IS: NEW [ ] USED [X] IMPORT [ ]

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

- A 1 [ ] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON
- B [X] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)
  - 2 [ ] LIMITED
  - 5 [ ] PROVISIONAL (Indicate class)
    - 1 [ ] CLASS I
    - 2 [ ] CLASS II
  - 3 [ ] RESTRICTED (Indicate operation(s) to be conducted)
    - 1 [ ] AGRICULTURE & PEST CONTROL; 2 [ ] AERIAL SURVEYING; 3 [ ] AERIAL ADVERTISING
    - 4 [ ] FOREST (Wild life conservation); 5 [ ] PATROLLING; 6 [ ] WEATHER CONTROL
    - 0 [ ] OTHER (Specify)
  - 4 [X] EXPERIMENTAL (Indicate operation(s) to be conducted)
    - 1 [ ] RESEARCH AND DEVELOPMENT; 2 [X] AMATEUR BUILT; 3 [ ] EXHIBITION
    - 4 [ ] RACING; 5 [ ] CREW TRAINING; 6 [ ] MKT. SURVEY
    - 0 [ ] TO SHOW COMPLIANCE WITH FAR
  - 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 MAX. CERTIFICATED TAKE-OFF WEIGHT
    - 4 [ ] DELIVERING OR EXPORT; 5 [ ] PRODUCTION FLIGHT TESTING
- C 6 [ ] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME: Rupe, Lloyd O.
ADDRESS: RR#4, Box 481A, Elkhart, Indiana 46514

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

- AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.)
- AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.)
- AIRCRAFT LISTING (Give page No(s).)
- SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

- [X] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
- TOTAL AIRFRAME HOURS—Enter for used aircraft only: 110:18
- 3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: 23:00

D. CERTIFICATION—I hereby certify that I am the 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: July 1, 1970
NAME AND TITLE (Print or type): Lloyd O. Rupe (owner)
SIGNATURE: Lloyd O. Rupe

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)

- 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

I have inspected the aircraft described in item I or VII and find it meets the requirements for:

- A. STANDARD AIRWORTHINESS CERTIFICATE
- B. SPECIAL AIRWORTHINESS CERTIFICATE
- 4 [X] C. AMENDMENT OR MODIFICATION OF ITS CURRENT AIRWORTHINESS CERTIFICATE

DATE	DISTRICT OFFICE	DESIGNEE'S SIGNATURE AND NO.	FAA INSPECTOR'S SIGNATURE
7-1-70	3-2-18	4	1 Alfio A. Sapienza

FAA Form 8130-6 (3-69) SUPERSEDES FAA FORM 305, AND FAA FORM 8100-3.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME | ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- PRODUCTION CERTIFICATE *(Give production certificate number)*
- TYPE CERTIFICATE ONLY
- APPROVED PRODUCTION INSPECTION SYSTEM

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION | NAME AND TITLE *(Print or Type)* | SIGNATURE

CONVEYANCE FILED WITH FAA AIRCRAFT REGISTRY
JUL 14 2 27 PM '70
OKLAHOMA CITY OKLA

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)*

CONVEYANCE FILED WITH FAA AIRCRAFT REGISTRY
AUG 3 1 1 55 PM '70
OKLAHOMA CITY, OKLA

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)

	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*	X	I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 *(Copy attached)*
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*		
X	F. This Inspection Recorded in Aircraft Records		

U. S. GOVERNMENT PRINTING OFFICE : 1969 OF—347-330

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental - Amateur Built		
	PURPOSE: Operating Amateur Built Aircraft		
B	MANUFACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 6333T		SERIAL NO. 36
	BUILDER Tailwind		MODEL E-8
E	DATE OF ISSUANCE 7-1-70		EXPIRY 7-1-71
	OPERATING LIMITATIONS DATED 7-1-70		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Alfio A. Sapienza		DESIGNATION OR OFFICE NO. CB-GADO-3-2-18

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 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N-6333T	EXPERIMENTAL (AMATEUR BUILT) (See Reverse Side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when [redacted] operated in accordance with the [redacted] Regulations and applicable aircraft Operation Limitations. Federal Aviation

4. This Certificate will remain in effect [redacted] unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration Date July 24, 1970.

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
7-24-69	Alfio A. Sapienza	3-2-18

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

GPO : 1959 OF—508938

Form FAA 1362B (5-59)

1. Operati limitations dated 7-24-69 are part of this certificate.

2. This aircraft does not comply with the International Airworthiness Standards of ICAO, Annex 8, Part II.

3. Special permission must be obtained from foreign countries for flights over their territories.

4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office 18
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make **Tailwind** Model **W-8** Serial No. **36**

Engine Make **Continental** Model **C-90-12F** Identification **# N-6333T**

Empty Weight **846** Gross Wt. **1450** Useful Load **604 lbs.**

The following operating limitations shall be observed in connection with the above described aircraft in the experimental category (amateur built).

1. Persons or property shall not be carried for compensation or hire.
2. All flights shall be conducted under Visual Flight Rules, day only.
3. All flights shall be conducted to avoid areas having heavy air traffic and, when operating in the vicinity of cities, towns, villages, and congested areas, conducted in such a manner that the aircraft will not create hazardous exposure to persons or property on the ground. (See item 8 for additional special conditions.)
4. All flights shall be conducted in compliance with the applicable requirements of FAR 91.
5. Any major changes to the aircraft or change of ownership will invalidate this certificate.
6. The following placard shall be displayed 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."
7. Acrobatics shall not be performed.
8. **No passenger or flight area restrictions.**

Alfio A. Sapienza

Alfio A. Sapienza
FAA Inspector

July 24, 1969
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY

APPLICATION FOR AIRWORTHINESS CERTIFICATE

(FAR 21)

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 reverse side.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK	2. AIRCRAFT MAKE	3. AIRCRAFT MODEL DESIGNATION	FAA CODING
N-6333T	Tailwind	W-8	9790228
4. AIRCRAFT SERIAL NO.	5. ENGINE MAKE	6. ENGINE MODEL DESIGNATION	17009
36	Continental	C-90-12F	
7. NO. OF ENGINES	8. PROPELLER MAKE	9. PROPELLER MODEL DESIGNATION	10. YR. AIRC. MANUFACTURED
1	McCauley	65-58	1967

II. CERTIFICATION REQUESTED

A. APPLICATION IS HEREBY MADE FOR:

3		ORIGINAL CERTIFICATE—AIRCRAFT IS	NEW	USED	IMPORT
4	X	AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE			
5		OTHER *(Specify)*			

B. AIRWORTHINESS CLASSIFICATION *(For multiple certification, check appropriate items)*

1		STANDARD *(Indicate category)*	NORMAL		UTILITY		ACROBATIC		TRANSPORT	
2		LIMITED								
3		RESTRICTED *(Indicate operation(s) to be conducted)*	1		AGRICULTURE & PEST CONTROL	2		AERIAL SURVEYING	3	AERIAL ADVERTISING
			4		FOREST *(Wild life conservation)*	5		PATROLLING	6	WEATHER CONTROL
			0		OTHER *(Specify)*					
4	X	EXPERIMENTAL *(Indicate operation(s) to be conducted)*	1		RESEARCH AND DEVELOPMENT	2	X	AMATEUR BUILT	3	EXHIBITION
			4		RACING	0		TO SHOW COMPLIANCE WITH FAR		
5		PROVISIONAL *(Indicate class)*	1		CLASS I	2		CLASS II		FAA CODING

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER *(As shown on Certificate of Aircraft Registration)* IF DEALER CHECK HERE →

NAME	ADDRESS *(Number, street, city, State and ZIP code)*
Rupe, Lloyd D.	RR#4, Box 481A Elkhart, Indiana 46514

B. AIRCRAFT CERTIFICATION BASIS

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET *(Give No. and Rev. No.)*	AIRWORTHINESS DIRECTIVE SUMMARY *(Give year and last card No.)*
AIRCRAFT LISTING *(Give page No(s.))*	SUPPLEMENTAL TYPE CERTIFICATE *(Give No(s.))*

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

AIRCRAFT NEW—NO PREVIOUS HISTORY	TOTAL AIRFRAME HOURS RECORDED	FAA CODING
RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173	87:26	3 35

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 Agency 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 classification(s) requested.

DATE OF APPLICATION	NAME AND TITLE *(Print or type)*	SIGNATURE
July 24, 1969	William B. Haselton (Agent)	Wm B. Haselton

IV. INSPECTION AGENCY VERIFICATION

IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:

2		CERTIFICATED AIR CARRIER *(Give Certificate No.)*	3		CERTIFICATED MECHANIC (IA) *(Give Certificate No.)*
5		AIRCRAFT MANUFACTURER *(Give name of firm)*			

DATE	TITLE	SIGNATURE

V. AIRWORTHINESS DOCUMENTATION

X	A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT	X	G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS
X	B. CURRENT OPERATING LIMITATIONS ATTACHED		H. STATEMENT OF CONFORMITY, FAA FORM 317 *(Attach when required)*
	C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT	X	I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.191 CAR _____ *(Orig. attached)*
	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. *(Attach when required)*		
X	E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT	X	J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.191 *(Copy attached)*
	F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 *(Attach when req.)*		

VI. FAA REPRESENTATIVE CERTIFICATION

	A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.
X	B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.
	C. Current Airworthiness Certificate amended.

DATE	DESIGNATION NO.	OFFICE NO.	SIGNATURE
July 24, 1969	Gen. Avia. Maint. Inspt.	3-2-18	Alfio A. Sapienza

FAA Form 305 (6-65) OBSOLETE PREVIOUS EDITION ☆ GPO : 1965 OF—780-702 0052-024-7000 (8130)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333T	EXPERIMENTAL (AMATEUR BUILT) (See Reverse Side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy [redacted] and operated in accordance with the [redacted] Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect [redacted] unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration Date 7-1-69.

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
7-1-68	Alfio A. Sapienza	3-2-18

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

GPO . 1959 OF—508938

Form FAA 13628 (5-59)

1. Operati limitations dated 7-1-68 are a art of this certificate.

2. This aircraft does not comply with the International Airworthiness Standards of ICAO, Annex 8, Part II.

3. Special permission must be obtained from foreign countries for flights over their territories.

4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N-6333T	EXPERIMENTAL (AMATEUR BUILT) (See Reverse Side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when [redacted] operated in accordance with the [redacted] Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect [redacted] unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration Date July 24, 1970.

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
7-24-69	Alfio A. Sapienza	3-2-18

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

Form FAA 13628 (5-59)

GPO : 1959 OF—508938

1. Operat. limitations dated 7-24-69 are part of this certificate.

2. This aircraft does not comply with the International Airworthiness Standards of ICAO, Annex 8, Part II.

3. Special permission must be obtained from foreign countries for flights over their territories.

4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office
St. Joseph County Airport
South Bend, Indiana 46628

Aircraft Make Tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F Identification N6333T

Empty Weight 846 lbs. Gross Wt. 1450 lbs. Useful Load 604 lbs.

The following operating limitations shall be observed in connection with the above described aircraft in the experimental category (amateur built).

1. Persons or property shall not be carried for compensation or hire.

2. All flights shall be conducted under visual flight rules, day only.

3. All flights shall be conducted to avoid areas having heavy air traffic and, when operating in the vicinity of cities, towns, villages, and congested areas, conducted in such a manner that the aircraft will not create hazardous exposure to persons or property on the ground. (See Item 8 for special additional conditions.)

4. All flights shall be conducted in compliance with the applicable requirements of FAR 91.

5. Any major changes to the aircraft or change of ownership will invalidate this certificate.

6. The following placard shall be displayed 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.

7. AEROBATICS MAY NOT BE PERFORMED.

8. None.

Alfio A. Sapienza
Alfio A. Sapienza
FAA Inspector

7-1-68
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

Verified by Operator #21

Punched by Operator #22

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY

APPLICATION FOR AIRWORTHINESS CERTIFICATE

(FAR 21)

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 reverse side

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK	2. AIRCRAFT MAKE	3. AIRCRAFT MODEL DESIGNATION	FAA CODING
N6333T	Tailwind	W-8	770238
4. AIRCRAFT SERIAL NO.	5. ENGINE MAKE	6. ENGINE MODEL DESIGNATION	17004
36	Continental	C-90-12F	
7. NO. OF ENGINES	8. PROPELLER MAKE	9. PROPELLER MODEL DESIGNATION	10. YR. AIRC. MANUFACTURED
1	McCauley	60-58	1967

II. CERTIFICATION REQUESTED

A. APPLICATION IS HEREBY MADE FOR:

3		ORIGINAL CERTIFICATE—AIRCRAFT IS	NEW	USED	IMPORT
4	X	AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE			
5		OTHER (Specify)			

B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)

1		STANDARD (Indicate category)	NORMAL		UTILITY		ACROBATIC		TRANSPORT	
2		LIMITED								
3		RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE & PEST CONTROL	2		AERIAL SURVEYING	3		AERIAL ADVERTISING
			4	FOREST (Wild life conservation)	5		PATROLLING	6		WEATHER CONTROL
			0	OTHER (Specify)						
4	X	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2	X	AMATEUR BUILT	3		EXHIBITION
			4	RACING	0		TO SHOW COMPLIANCE WITH FAR			
5		PROVISIONAL (Indicate class)	1	CLASS I	2		CLASS II		FAA CODING	

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER CHECK HERE →

NAME	ADDRESS (Number, street, city, State and ZIP code)
Lloyd D. Rupe	RR4, Box 481A Elkhart, Indiana 46514

B. AIRCRAFT CERTIFICATION BASIS

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.)	AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.)
AIRCRAFT LISTING (Give page No(s.))	SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.))

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

AIRCRAFT NEW—NO PREVIOUS HISTORY	TOTAL AIRFRAME HOURS RECORDED	FAA CODING
RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173	52:00	3 52

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 Agency 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 classification(s) requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
7-1-68	William Hazelton (Agent)	William B. Hazelton

IV. INSPECTION AGENCY VERIFICATION

IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:

2	CERTIFICATED AIR CARRIER (Give Certificate No.)	3	CERTIFICATED MECHANIC (IA) (Give Certificate No.)	6	CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give name of firm)				FAA CODING

DATE	TITLE	SIGNATURE

V. AIRWORTHINESS DOCUMENTATION

X	A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT	X	G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS
X	B. CURRENT OPERATING LIMITATIONS ATTACHED		H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required)
	C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT		I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR ____ CAR ____ (Orig. attached)
	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required)		
X	E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT	X	J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.191 (Copy attached)
	F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)		

VI. FAA REPRESENTATIVE CERTIFICATION

	A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.
X	B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.
	C. Current Airworthiness Certificate amended.

DATE	DESIGNATION NO.	OFFICE NO.	SIGNATURE
0768 7-1-68	Gen. Avia. Maint. Inspt.	3-2-18	Alfio A. Sapienza Alfio A. Sapienza

FAA Form 305 (6-65) OBSOLETE PREVIOUS EDITION ☆ GPO : 1965 OF—780-702 0052-024-7000 (8130)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office
St. Joseph County Airport
South Bend, Indiana 46628

Date Issued 4-30-68

Aircraft Make Wittman tailwind Model W-8 Serial No. 36

Engine Make Continental Model C-90-12F Identification# N6333T

Empty Weight 846 Gross Wt. 1450 Useful Load 604

~~Do Not Exceed Speed~~

OPERATION LIMITATIONS

The following operating limitations shall be observed in connection with the operation of the above described aircraft in the experimental category — amateur-built:

1. All flights shall be conducted to avoid areas having heavy air traffic and to avoid cities, towns, villages, congested areas or any other where the flight will create hazardous exposure to people and property on the ground. Flight test area limited to states of Indiana, Michigan, Ohio and Illinois.
2. Flight tests shall not be conducted, except over water or sparsely populated areas.
3. Aircraft shall be flown VFR only.
4. Persons or property shall not be carried for compensation or hire.
5. This authorization is valid only for the above described aircraft.
6. Acrobatics may not be performed while carrying passengers.
7. The following must be displayed in the cockpit: "Passenger Warning - This aircraft is amateur-built and does not comply with Federal Safety Regulations."
8. This aircraft must be operated within the Continental limits of the U. S. unless special permission has been obtained to operate over foreign countries.
9. These Operation Limitations are a part of the airworthiness certificate and shall be carried in the aircraft at all times.
10. Any major changes to the aircraft will invalidate the airworthiness certificate.

Alfio A. Sapienza
Alfio A. Sapienza
FAA Inspector

4-30-68
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

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FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333T	EXPERIMENTAL (AMATEUR BUILT) (See Reverse Side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy ~~when maintained~~ and operated in accordance with the ~~Civil Air~~ Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect ~~unless or the time is maintained in accordance with Part 43 of the Civil Air Regulations~~ unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration Date 7-1-69.

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
7-1-68	Alfio A. Sapienza	3-2-18

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

GPO . 1959 OF—508538 Form FAA 13628 (5-59)

1. Operating limitations dated 7-1-68 are a part of this certificate.

2. This aircraft does not comply with the International Airworthiness Standards of ICAO, Annex 8, Part II.

3. Special permission must be obtained from foreign countries for flights over their territories.

4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333T	Experimental (amateur built) See reverse side.

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration date December 27, 1968

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
4-30-68	Alfio A. Sapienza	CE-GADD-18

8. Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.

Form FAA 1362B (5-59)

GPO : 1959 OF—508938

1. Operating l[illegible]tations dated 4-30-68 are a pa[illegible] of this certificate.
2. This aircraft does not comply with the International Airworthiness Standards of I.C.A.O. Annex 8 Part II
3. Special permission must be obtained from foreign countries for flights over their territories.
4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY

APPLICATION FOR AIRWORTHINESS CERTIFICATE

(FAR 21)

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 reverse side.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK: N6333T	2. AIRCRAFT MAKE: WITTMAN TAILWIND	3. AIRCRAFT MODEL DESIGNATION: W-8	FAA CODING: 9790228
4. AIRCRAFT SERIAL NO.: 36	5. ENGINE MAKE: CONTINENTAL	6. ENGINE MODEL DESIGNATION: C-90-12	17009
7. NO. OF ENGINES: 1	8. PROPELLER MAKE: McCAULEY	9. PROPELLER MODEL DESIGNATION: CM65-58	10. YR. AIRC. MANUFACTURED: 1967

II. CERTIFICATION REQUESTED

A. APPLICATION IS HEREBY MADE FOR:

3		ORIGINAL CERTIFICATE—AIRCRAFT IS	NEW	USED	IMPORT
4	X	AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE TO EXPAND FLIGHT TEST AREA			
5		OTHER (Specify)			

B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)

1		STANDARD (Indicate category)	NORMAL	UTILITY	ACROBATIC	TRANSPORT			
2		LIMITED							
3		RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE & PEST CONTROL	2	AERIAL SURVEYING	3	AERIAL ADVERTISING	
			4	FOREST (Wild life conservation)	5	PATROLLING	6	WEATHER CONTROL	
			0	OTHER (Specify)					
4	X	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2	X AMATEUR BUILT	3	EXHIBITION	
			4	RACING	0	TO SHOW COMPLIANCE WITH FAR			
5		PROVISIONAL (Indicate class)	1	CLASS I	2	CLASS II		FAA CODING	

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER CHECK HERE →

NAME	ADDRESS (Number, street, city, State and ZIP code)
LIOYD O. RUPE	RT 4 BOX 481A ELKHART, Indiana 46514

B. AIRCRAFT CERTIFICATION BASIS

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.)	AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.)
AIRCRAFT LISTING (Give page No(s.))	SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.))

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

AIRCRAFT NEW—NO PREVIOUS HISTORY	TOTAL AIRFRAME HOURS RECORDED: 25.3	FAA CODING
X RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173		

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 Agency 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 classification(s) requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
4-22-68	WM. HASELTON-AGENT	W. B. Haselton

IV. INSPECTION AGENCY VERIFICATION

IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:

2	CERTIFICATED AIR CARRIER (Give Certificate No.)	3	CERTIFICATED MECHANIC (IA) (Give Certificate No.)	6	CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give name of firm)				FAA CODING

DATE	TITLE	SIGNATURE

V. AIRWORTHINESS DOCUMENTATION

X	A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT	X	G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS
X	B. CURRENT OPERATING LIMITATIONS ATTACHED		H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required)
	C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT		I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR ____ CAR ____ (Orig. attached)
	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required)		
X	E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT	X	J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.191 (Copy attached)
	F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)		

VI. FAA REPRESENTATIVE CERTIFICATION

A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.

X B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.

X C. Current Airworthiness Certificate amended. 3-18

Punched by Operator #47

DATE	DESIGNATION NO.	OFFICE NO.	SIGNATURE
04-68 4-30-68	Gen Aviation Maint. Insp.	SBN GADO 3-2-18	Alfio A. Sapienza

FAA Form 305 (6-65) OBSOLETE PREVIOUS EDITION ★ GPO : 1965 OF—780-702 0052-024-7600 (B130)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333T	Experimental (amateur built) See reverse side.

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the ~~Civil Air Regulations~~ Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect ~~as long as the aircraft is maintained in conformity with Part 43 of the Civil Air Regulations~~ unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration date December 27, 1968

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
4-30-68	ORIGINAL ~~SIGNED BY~~ Alfio A. Sapienza	CE-GAUC-18

8. Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.

Form FAA 13628 (5-59)

GPO : 1959 OF—508938

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

1. Operating [illegible]itations dated 4-30-68 are a [illegible] of this certificate.
2. This aircraft does not comply with the International Airworthiness Standards of I.C.A.O. Annex 8 Part II
3. Special permission must be obtained from foreign countries for flights over their territories.
4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333T	Experimental (Amateur Built) (see reverse side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the ~~XXXXX~~ Federal Aviation Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect ~~as long as the aircraft is maintained in accordance with Part 43 of the Civil Air Regulations~~ unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration date December 27, 1968

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
12-27-67	Alfio A. Sapienza	CE-GADO-18

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

GPO : 1959 OF—508938

Form FAA 13628 (5-59)

1. Operating limitations dated 12-27-67 are a part of this certificate.
2. This aircraft does not comply with the International Airworthiness Standards of I.C.A.O. Annex 8 Part II.
3. Special permission must be obtained from foreign countries for flights over their territories.
4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

1328-1723 37 JAN 12 '68

27 JAN 12 1968

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY

APPLICATION FOR AIRWORTHINESS CERTIFICATE

(FAR 21)

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 reverse side.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK: N6333T	2. AIRCRAFT MAKE: Wittman Tailwind	3. AIRCRAFT MODEL DESIGNATION: W-8	FAA CODING: 97702 28 17009
4. AIRCRAFT SERIAL NO.: 36	5. ENGINE MAKE: Continental	6. ENGINE MODEL DESIGNATION: C-90-12F	
7. NO. OF ENGINES: 1	8. PROPELLER MAKE: McCauley	9. PROPELLER MODEL DESIGNATION: CM 65-58	10. YR. AIRC. MANUFACTURED: 1967

II. CERTIFICATION REQUESTED

A. APPLICATION IS HEREBY MADE FOR:

3	X	ORIGINAL CERTIFICATE—AIRCRAFT IS	X NEW	USED	IMPORT	
4		AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE				
5		OTHER (Specify)				

B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)

1		STANDARD (Indicate category)	NORMAL	UTILITY	ACROBATIC	TRANSPORT				
2		LIMITED								
3		RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE & PEST CONTROL	2	AERIAL SURVEYING	3	AERIAL ADVERTISING		
			4	FOREST (Wild life conservation)	5	PATROLLING	6	WEATHER CONTROL		
			0	OTHER (Specify)						
4	X	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2	X AMATEUR BUILT	3	EXHIBITION		
			4	RACING	0	TO SHOW COMPLIANCE WITH FAR				
5		PROVISIONAL (Indicate class)	1	CLASS I	2	CLASS II	FAA CODING			

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER CHECK HERE →

NAME	ADDRESS (Number, street, city, State and ZIP code)
Lloyd O. Rupe	Route 4, Box 481A Elkhart, Indiana 46514

B. AIRCRAFT CERTIFICATION BASIS

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.)	AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.)
AIRCRAFT LISTING (Give page No(s.))	SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.))

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

X AIRCRAFT NEW—NO PREVIOUS HISTORY	TOTAL AIRFRAME HOURS RECORDED: 0:00	FAA CODING
RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173		

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 Agency 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 classification(s) requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
12-27-67	Lloyd O. Rupe (owner)	Lloyd O. Rupe

IV. INSPECTION AGENCY VERIFICATION

IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:

2	CERTIFICATED AIR CARRIER (Give Certificate No.)	3	CERTIFICATED MECHANIC (IA) (Give Certificate No.)	6	CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give name of firm)				FAA CODING: 1

DATE	TITLE	SIGNATURE
		Verified by Operator #101

V. AIRWORTHINESS DOCUMENTATION

	A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT	X	G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS
	B. CURRENT OPERATING LIMITATIONS ATTACHED		H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required)
	C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT		I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR _____ CAR _____ (Orig. attached)
X	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required)		
X	E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT		J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.191 & 21.193 (Copy attached)
	F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)	X	

VI. FAA REPRESENTATIVE CERTIFICATION

	A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.
X	B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.
	C. Current Airworthiness Certificate amended.

DATE	DESIGNATION NO.	OFFICE NO.	SIGNATURE
12-27-67	Gen. Avia. Maint. Insp.	3-18 CE-GADO-16	Alfio A. Sapienza Alfio A. Sapienza

FAA Form 305 (6-65) OBSOLETE PREVIOUS EDITION ☆ GPO : 1965 OF—780-702 0052-024-7000 (8130)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

CONVEYANCE FILED WITH
FAA AIRCRAFT REGISTRY
JAN 0 11 29 AM '80
OKLAHOMA L LA

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FEDERAL AVIATION ADMINISTRATION
General Aviation District Office
St. Joseph County Airport
South Bend, Indiana 46628

Date Issued 12-27-87

Aircraft Make Mittman Tailwind Model W-8 Serial No. 36

Engine Make Continental Model O-200-12F Identification# N6333T

Empty Weight 846 Gross Wt. 1450 Useful Load 604

Do Not Exceed Speed 185 mph

OPERATION LIMITATIONS

The following operating limitations shall be observed in connection with the operation of the above described aircraft in the experimental category amateur-built:

1. All flights shall be conducted to avoid areas having heavy air traffic and to avoid cities, towns, villages, congested areas or any other where the flight will create hazardous exposure to people and property on the ground.
2. Flight tests shall not be conducted.
3. Aircraft shall be flown VFR only.
4. Persons or property shall not be carried for compensation or hire.
5. This authorization is valid only for the above described aircraft.
6. Acrobatics may not be performed while carrying passengers.
7. The following must be displayed in the cockpit: "Passenger Warning - This aircraft is amateur-built and does not comply with Federal Safety Regulations."
8. This aircraft must be operated within the Continental limits of the U. S. unless special permission has been obtained to operate over foreign coutries.
9. These Operation Limitations are a part of the airworthiness certificate and shall be carried in the aircraft at all times.
10. Any major changes to the aircraft will invalidate the airworthiness certificate.

ORIGINAL SIGNED BY

Alfio A. Sapienza

FAA Inspector

12-27-87

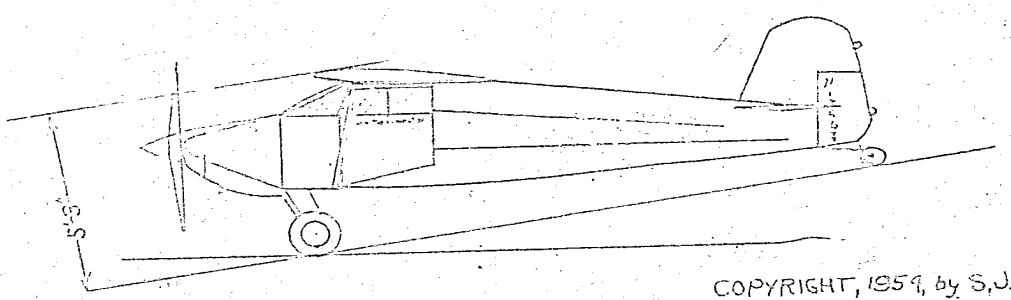
Date of Issue

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

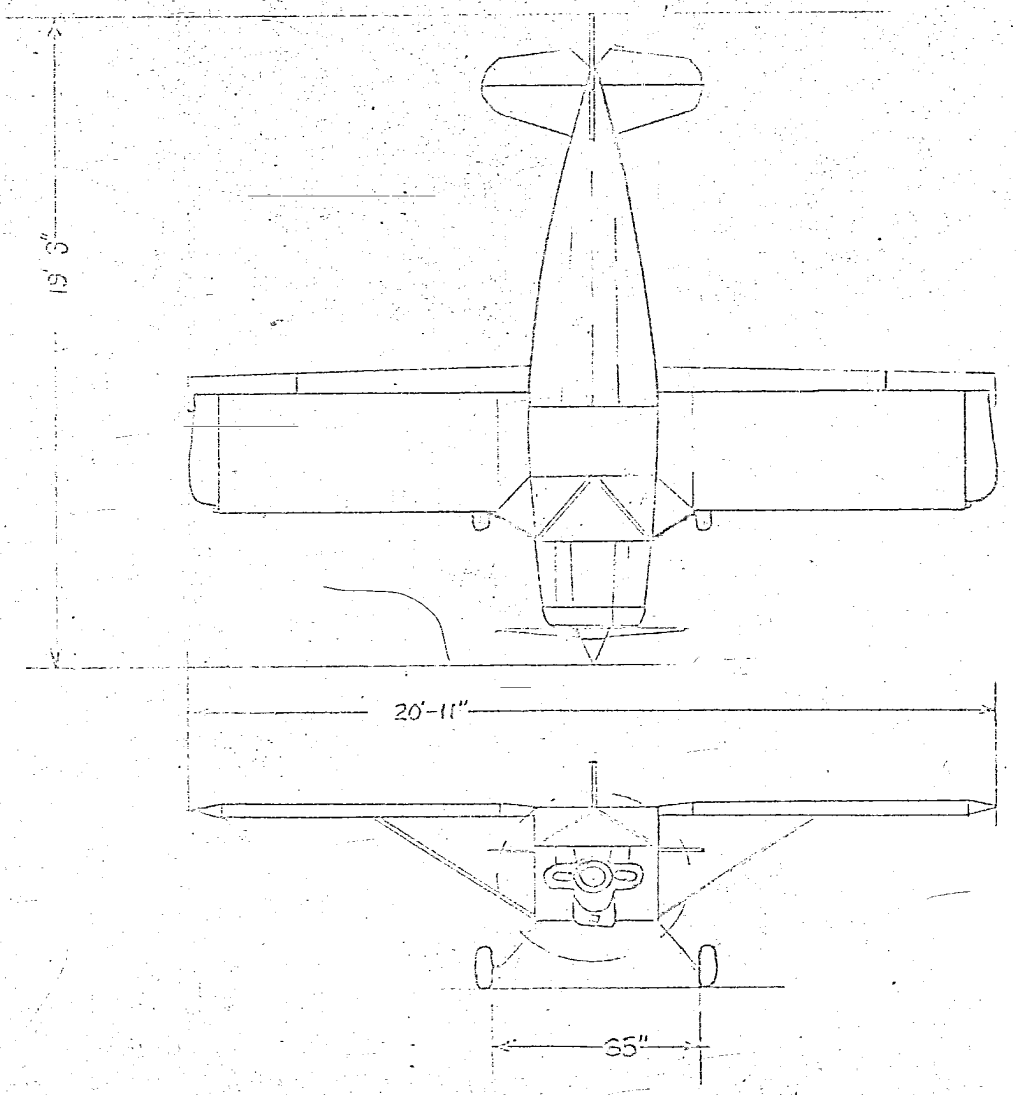
N-6333T

ENGINE: 80 OR 85 H.P. CONTINENTAL
PROPELLER: 60" DIA × 60" PITCH (WITH 85 HP ENGINE)
CRUISING SPEED: 150 M.P.H. — TOP SPEED: 175 M.P.H.
LANDING SPEED: 55 M.P.H.
EMPTY WEIGHT: 700 LBS.
GROSS WEIGHT: 1250 LBS.
WING AREA 83.5 SQ. FT. NO DIHEDRAL
(LYCOMING 108 OR 115 HP MAY BE USED)



WITTMAN 2 PLACE-MODEL W.B	
SPECIFICATIONS	
SCALE: ¼" = 1'-0"	DATE 2-28-59
DRAWN G.A.DERBER	CHK'D 8-25-65
DWG. NO.	2-100

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86



FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2 - 12 - 86

Make - Tailwind Model - W-8 Serial #36 Registration N6333T

Datum is leading edge of wing

1. Leveling means: bottom surface of wing
2. Main wheel weighing points located -3" forward of datum
3. Actual measured distance from the main weight point centerline to the tail point centerline is 180".
4. Oil over and above "zero" tank reading = (a. 5 qts.) (b. 9.3 lbs) (c. -25")

Empty weight with oil

Weight point	Weight
1. Right	393
2. Left	402
3. Tail	51
Total Net Weight	846 lbs

Gross weight 1450 lbs

Center of Gravity as weighed

CG = -14 (R×d / W)

CG = -31 (517.120 / 846)

CG = 7.95"

Without oil (Computed)

	wt	arm	moment
aircraft	846	7.95	6723.70
oil	-0.5	-25	-12.50
	845.7	7.92"	6711.20

Most forward CG loading

	wt	arm	moment
aircraft	846	7.95	6711.10
25 gal gas	150	-5	-750.00
Pilot	170	28	4760.00
	1166	9.10"	10621.10

13% of Chord

Most rearward loaded CG

	wt	arm	moment
Aircraft	846	7.95	6711.10
25 gal gas	150	-5	-750.00
Pilots seat	340	28	9520.00
Baggage	60	50	3000.00
	1396	15.15"	18481.10

32% of Chord

Fully loaded

	wt	arm	moment
aircraft	846	7.95	6711.10
25 gal gas	150	-5	-750.00
Pilots seat	340	28	9520.00
Baggage	60	50	3000.00
	1396	15.15"	18481.10

26% of Chord

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

Equipment List and Weight and Balance Report for

Wittman Tailwind W-8, N-6333T, serial number 36

1. Propeller spinner
2. Metal propeller
3. Carburetor heater
4. Cabin heater
5. Carburetor air filter
6. Bayonet-type exhaust stacks
7. Cabin air vent
8. Landing light
9. Shielded ignition system
10. Shielded spark plugs
11. Starter
12. Generator
13. Voltage regulator
14. Vernier type-throttle control
15. Rate of climb
16. Turn and bank
17. Ammeter
18. Clock
19. G-meter
20. Recording tachometer
21. Cylinder-head temperature
22. Narco VHT-3 radio
23. Radio speaker
24. Cabin light
25. Navigation lights
26. 12-volt battery
27. Shoulder harness
28. Steerable tail wheel - 6 x 2
29. Hydraulic brakes

Weight and Balance

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N6333V	Normal (Airplane Ref 10) (see reverse side)

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the Civil Air Regulations and applicable aircraft Operation Limitations.

4. This Certificate will remain in effect as long as the aircraft is maintained in accordance with Part 43 of the Civil Air Regulations unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency. Expiration date December 27, 1960

5. DATE OF ISSUANCE	6. FAA REPRESENTATIVE	7. DESIGNATION NO.
12-27-57	ORIGINAL SIGNED BY Alfio N. Sapienza	CE-[illegible]-16

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

Form FAA 13628 (5-59)

GPO : 1959 OF—508938

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 2-12-86

operating limitations dated [illegible]-57 are a part of this certificate.

2. This aircraft does not comply with the International Airworthiness Standards of I.C.A.O., Annex 8, Part III.

3. Special permission must be obtained from foreign countries for flights over their territories.

4. This certificate becomes invalid if ownership of the aircraft is transferred, or if the aircraft is used for other than the purpose for which this certificate is issued.

END