



U.S. Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification *WNA*
MSP FSDO

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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make Mooney	Model M-20J
	Serial No. 24-0970	Nationality and Registration Mark N3875H
2. Owner	Name (As shown on registration certificate) JOHN LEONARD	Address (As shown on registration certificate) P.O. BOX 64 FABENS TX 79838

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	<i>~~~~~ (As described in item 1 above) ~~~~~</i>				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
RICHARD PHILLIPS 7106 CLAUDE AV E INVER GROVE HTS, MN 55076	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	AP476340258
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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 04/03/01	Signature of Authorized Individual Richard Phillips <i>Richard Phillips</i>
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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 APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Appoved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 04/03/01	Certificate or Designation No. IA476340258	Signature of Authorized Individual Richard Phillips <i>Richard Phillips</i>			

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.

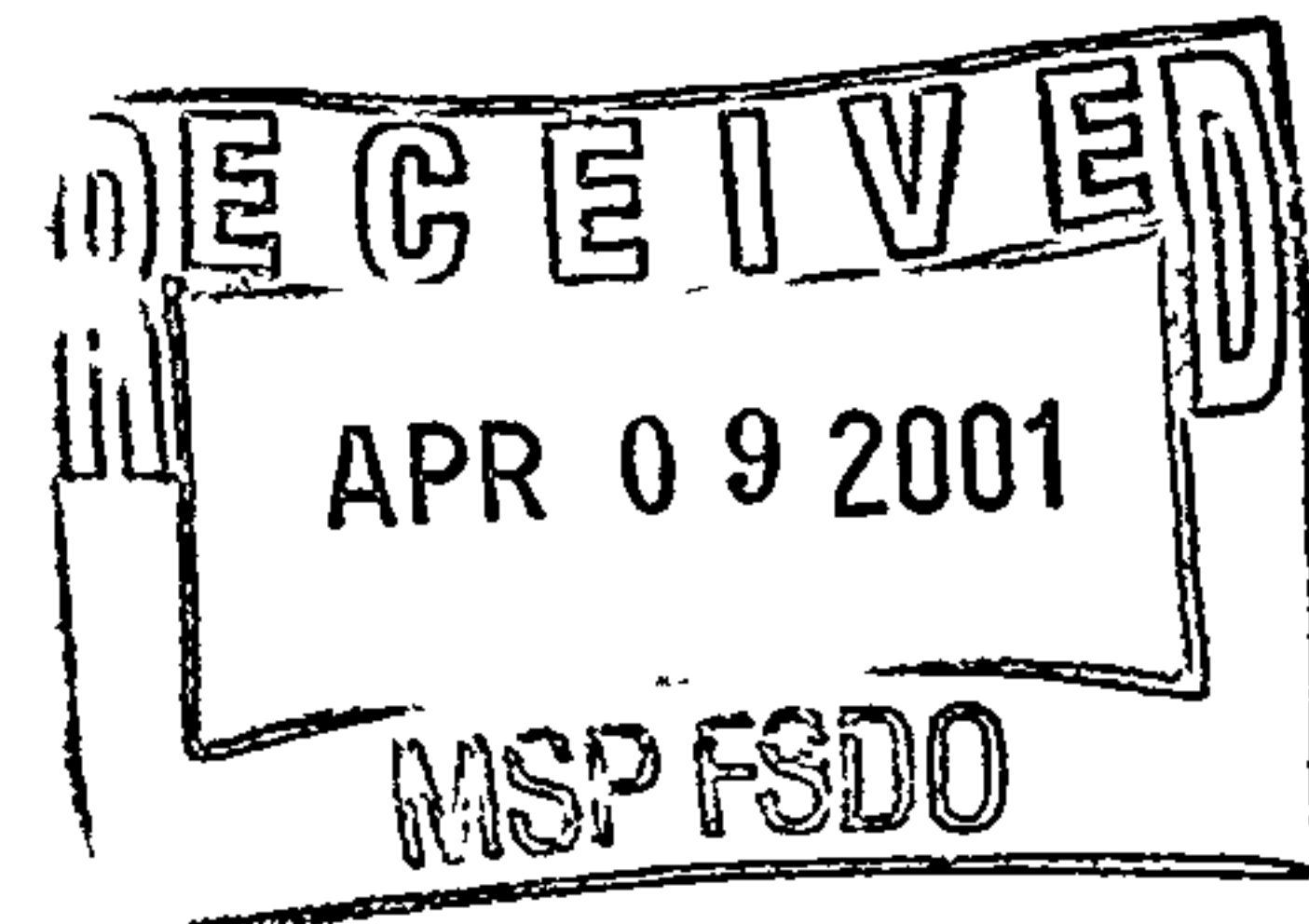
8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

4/3/01 N3875H

- I. Installed STC #SA00861SE, JPI fuel flow indicating system, issued to J.P. Instruments, P.O. Box 7033, Huntington Beach, CA 92646.
- II. Installation in accordance with J.P. Instruments Fuel Flow Installation Manual FS-450, Rev NC, dated 11/26/00.
- III. Change in weight and balance negligible.

***** End Report *****



Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
JW-170A

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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of Federal Aviation Act of 1958).

1. Aircraft	Make MOONEY	Model M20J
	Serial No. 24-0970	Nationality and Registration Mark N3875H
2. Owner	Name (As shown on registration certificate) LEONARD, JOHN M	Address (As shown on registration certificate) P.O. BOX 64 FABENS, TX 79838-0064

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
LEONARDO SARINANA 8727 HUEBNER RD #1103 SAN ANTONIO, TX 78240	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	461822075
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certified Repair Station	
	<input type="checkbox"/> Manufacturer	

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 OCTOBER 16, 1997	Signature of Authorized Individual <i>Leonardo Sarinana</i>
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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 APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection OCTOBER 16, 1997	Certificate or Designation No. 461822075 I.A.	Signature of Authorized Individual <i>Leonardo Sarinana</i>
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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.)

N3875H

24-0970

INSTALLED MONROY AEROSPACE LONG RANGE FUEL TANKS IN ACCORDANCE WITH STC SA 1913SO AND THE VENDOR'S INSTALLATION INSTRUCTIONS FOR LONG RANGE TANKS IN MOONEY M20C, M20E, M20J, AND M20K AS REVISED, 09/10/90.

IN ACCORDANCE WITH THE STC, THE FOLLOWING PLACARD HAS BEEN INSTALLED BY EACH LONG RANGE FUEL TANK CAP:


FUEL CAPACITY 14.5
OCTANE 100/130
FILL BOTH WINGS EVENLY

THE AIRCRAFT WEIGHT AND BALANCE RECORDS AND THE EQUIPMENT LIST HAVE BEEN REVISED. A FLIGHT MANUAL SUPPLEMENT HAS BEEN INCLUDED.

—————END—————

TYPE	AG	SPR	MIN	SEC	PASS	
OPS						AWS
						(DSA)

Additional Sheets are Attached

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification MSP SDO GL58W	
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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).					
1. Aircraft	Make	MOONEY	Model	M20J	
	Serial No.	24-0970	Nationality and Registration Mark	N3875H	
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)		
	LEONARD JOHNSON		7073 IRVIN AVE S COTTAGE GROVE MN 55016		
3. For FAA Use Only					
4. Unit Identification					
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				XX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				
5. Conformity Statement					
A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
RICHARD PHILLIPS 7106 CLAUDE AV E INVER GROVE HTS. MN 55076		<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer		AP47634053B	
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 elsewhere 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		Signature of Authorized Individual			
1-12-96		<i>Richard M. Phillips</i>			
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)	
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection		Certificate or Designation No.	Signature of Authorized Individual		
1-12-96		476340253B	<i>Richard M. Phillips</i>		

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



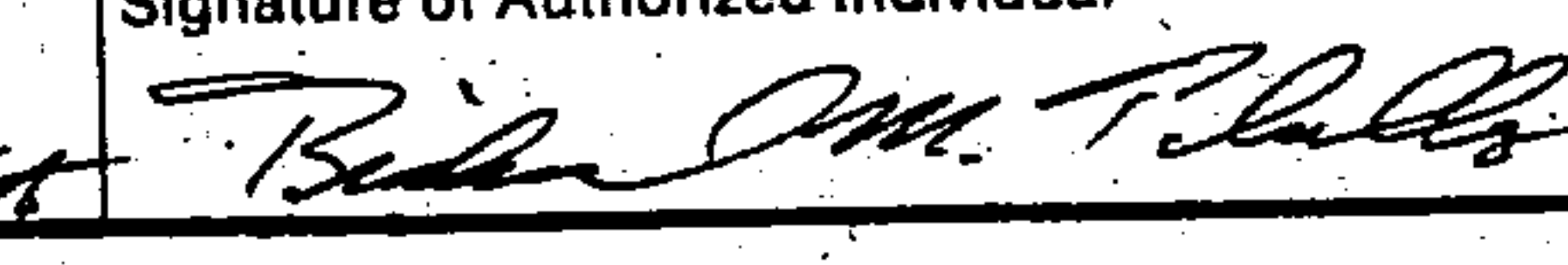
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N3875H

- I. Installed STC # S-1000M Listed to Horizon Instruments, Inc., Fullerton, California.
- II. Removed mechanical tachometer.
- III. Installed Horizon Instruments, Inc. Electronic Digital Engine Tachometer, part number P100-030-030-00, in accordance with Horizon Master Drawing List No. P100030 Rev. A, Dated 01/15/93.
- IV. Horizon Airplane Flight Manual Supplement No 1, dated July 6, 1993, placed in Pilot's Operating Handbook.
- V. Weight and Balance change negligible.

RECEIVED
JAN 17 1996
MSP FSDO

Additional Sheets Are Attached

 US Department of Transportation Federal Aviation Administration	MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)			Form Approved OMB No. 2120-0020	
				For FAA Use Only	
				Office Identification MSP FSDO 6-15-96	
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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).					
1. Aircraft	Make	MOONEY	Model	M20J	
	Serial No.	24-0970	Nationality and Registration Mark	N3875H	
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)		
	LEONARD JOHN M		7073 IRVIN AVE S COTTAGE GROVE MN 55016		
3. For FAA Use Only					
4. Unit Identification					
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				XX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				
6. Conformity Statement					
A. Agency's Name and Address			B. Kind of Agency		C. Certificate No.
RICHARD PHILLIPS 7106 CLAUDE AV E INVER GROVE HTS. MN 55076			<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer		AP476340258
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			Signature of Authorized Individual		
1-12-96					
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization		Other (Specify)
	FAA Designee	Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection		Certificate or Designation No.	Signature of Authorized Individual		
1-12-96		476340258			

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.)

N3875H

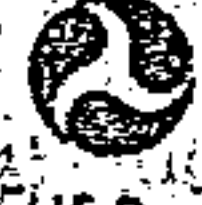
- I. Installed STC # SA5844NM Listed to Horizon Instruments, Inc., Fullerton, California.
- II. Removed mechanical tachometer.
- III. Installed Horizon Instruments, Inc. Electronic Digital Engine Tachometer, part number P100-030-030-00, in accordance with Horizon Master Drawing List No. P100030 Rev. A, Dated 01/15/93.
- IV. Horizon Airplane Flight Manual Supplement No 1, dated July 6, 1993, placed in Pilot's Operating Handbook.
- V. Weight and Banance change negligible.

RECEIVED

JAN 17 1996

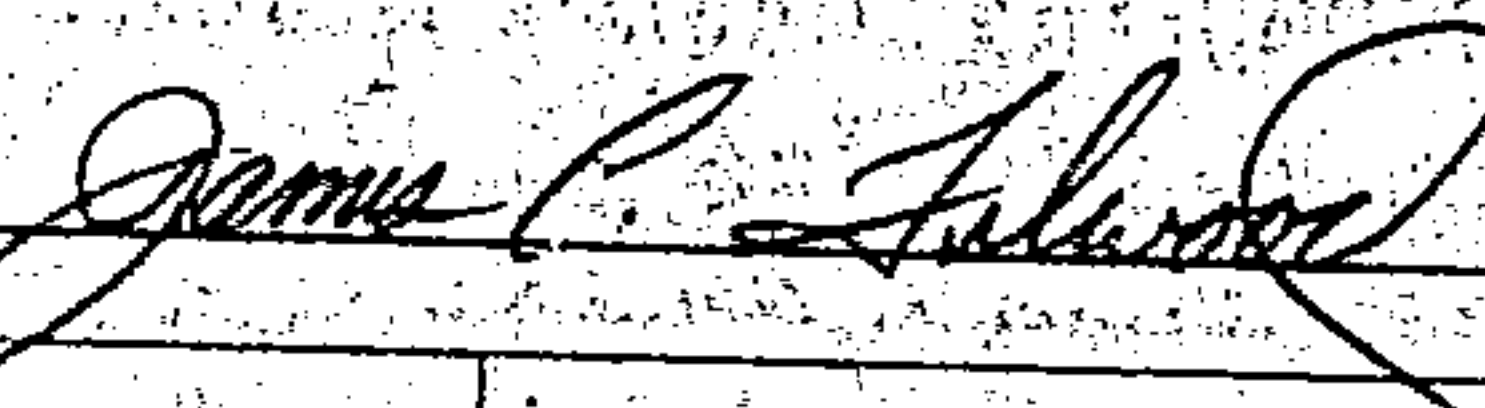
MSP FSDO

 Additional Sheets Are Attached

 U.S. Department of Transportation Federal Aviation Administration	MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)	Form Approved OMB No. 2120-0020
		For FAA Use Only
		Office Identification <u>G215</u>

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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make	Mooney	Model	M20J
	Serial No.	24-0970	Nationality and Registration Mark	N3875H
2. Owner	Name (As shown on registration certificate)	John Leonard	Address (As shown on registration certificate)	
			7073 Irvin Ave. Cottage Grove, MN 55016	

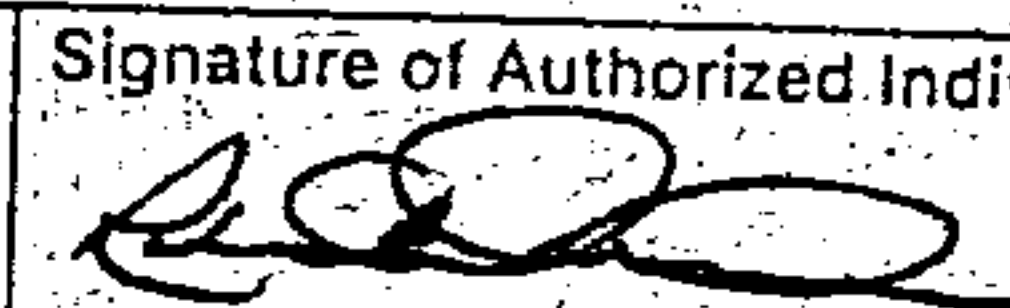
3. For FAA Use Only PRINCIPAL AVIONICS INSPECTOR MSP FSDO  APR 27 1995		The data identified herein complied with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.
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Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	(As described in Item 1 above)				
POWERPLANT					X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

CG-1A	CG-2	CG-10	CG-11	CG-12	CG-13	CG-14	CG-15	CG-16	CG-17	CG-18	CG-19	CG-20	CG-21
MINNEAPOLIS FSDO													
MAY 09 1995													
APR 07 1995													


6. Conformity Statement A. Agency's Name and Address Wipaire, Inc. 480 No. Airport Service Dr. So. St. Paul, MN 55076		B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	G. Certificate No. RJWR390K
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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: 04/05/95 Signature of Authorized Individual:  Richard Wahlman

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 APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual		
<u>5/5/95</u>	RJWR390K	 Richard Wahlman		

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.)

Mooney M20J
S/N 24-0970
N3875H
Tach Time: 2697.95

Installed a Magellan Skynav-5000 GPS.

The Skynav-5000 was installed in the radio panel. The Skynav-5000 GPS antenna was mounted on the top of the fuselage. The Skynav-5000 GPS was installed as a stand alone system and was not interfaced with any other equipment on board.


Installation is in accordance with the manufacturer's installation manual, AC 43.13-1A, chapters 5, 11 & 15, and AC 43.13-2A, chapters 2 & 3. This installation is also in accordance with AC20-138, paragraphs 7b, 7c(1)(ii) and 7c(1)(iv). The Skynav-5000 is not approved for IFR. The panel was placarded accordingly.

The Skynav-5000 GPS Pilot's Guide must be immediately available to the flight crew whenever navigation is predicated on the use of the Skynav-5000 GPS system.

The Skynav-5000 GPS has been approved for VFR in a Beech A36 in accordance with STC# SA8213FW. This STC is used as the basis for a follow-on field approval of this installation for VFR ONLY in accordance with AC 20-138, paragraph 7a(2) and AC 20-138, appendix 1, paragraph 1.

The aircraft weight & balance, equipment list, and logs were revised. END.

Additional Sheets Are Attached

 US Department of Transportation Federal Aviation Administration	MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)	Form Approved OMB No. 2120-0020
		For FAA Use Only
		Office Identification <i>SAT-F500 SW-17</i>

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. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make	MOONEY	Model	M20J
	Serial No.	24-0970	Nationality and Registration Mark	N 3875H
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)	
	LEONARD JOHN M.		7073 IRVIN AVE S COTTAGE GROVE, MN 55016	

3. For FAA Use Only

Unit	4. Unit Identification			5. Type	
	Make	Model	Serial No.	Repair	Alteration
AIRFRAME (As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address PIPPEN/YORK FLYING MACHINE CO. MUNICIPAL AIRPORT PO BOX 159 BURNET, TX 78611	B. Kind of Agency		C. Certificate No.
	U.S. Certificated Mechanic		RADIO LIMITED
	Foreign Certificated Mechanic		INSTRUMENT LIMITED
	<input checked="" type="checkbox"/> Certificated Repair Station Manufacturer		AIRFRAME LIMITED FMZR327K

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	Signature of Authorized Individual
<i>7-15-95</i>	<i>[Signature]</i>

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 APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual		
<i>7-15-95</i>	FMZR327K	<i>[Signature]</i>		

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.)

- N 3875H -

Date _____

Installed WX-900 Stormscope System and S-TEC System 60 Stabilization System.

The S-TEC System 60 System was installed per manufacturer's instructions ST-049 and STC SA5134SW-D and bulletin #300

Component and system installation of this equipment listed on this 337 were accomplished in accordance with AC 43.13-2A, Chapters 1 and 2.

Aircraft structural and metal work were accomplished in accordance with AC 43.13-2A, Chapter 1 and AC 43.13-1A Chapter 2, Section 3. Aircraft hardware used was in accordance with AC 43.13-1A, Chapter 5, Section 1.

Electrical load, circuit protection and wire installation were accomplished in accordance with AC 43.13.1A, Chapter 11, Sections 2,3,4,5 and 6.

Antenna installation in accordance with manufacturer's instructions and AC 43.13-2A, Chapter 3.

The aircraft equipment list is revised to reflect these changes: weight and balance data was furnished and placed in aircraft records. The approved flight manual was updated as required.

A functional test of the installation described in this 337 was performed in accordance with FAR 23.1301 and FAR 23.1431. Operation was satisfactory and the installation did not adversely affect existing component and systems in the aircraft.

END

CH	RG	APPR	CHKD	REC	FASS	AMGR
OP5						(AWS)
OP1	OP6			RECEIVED	AW6	AW1
OP2	OP7			JUL 18 1995	AW7	AW2
OP3	OP8			FAA SAT. FSDO	AW8	AW3
OP4	OP9	AV1			AW9	AW4
OP5	OP10				AW10	AW5

Additional Sheets Are Attached

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof)				OFFICE IDENTIFICATION NM-FSDO-67	
1. AIRCRAFT	MAKE	MIDONEY		MODEL	M20J
	SERIAL NO.	24-0970		NATIONALITY AND REGISTRATION MARK	N3875H
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	Kinsella, Kenneth J			SOLDOTNA, Alaska 99669	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
OGDEN AIR SERVICE 3909 AIRPORT ROAD OGDEN, UT 84401		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		A+P 334564642	
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		SIGNATURE OF AUTHORIZED INDIVIDUAL			
11 June 1986		William Brewer			
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	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		
6-11-86		2013432 A+P	Alan P. Newport		

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.)

Replaced ENGINE AIR FILTER ASSY WITH Brackett AIR
FILTER ASSY Per STC SA716L.

END

ADDITIONAL SHEETS ARE ATTACHED

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

Copy

1. NATIONALITY AND REGISTRATION MARKS N3875H	2. MANUFACTURER AND MODEL MOONEY AIRCRAFT CORP. M20J	3. AIRCRAFT SERIAL NUMBER 24-0970	4. CATEGORY Normal
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5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:
NONE

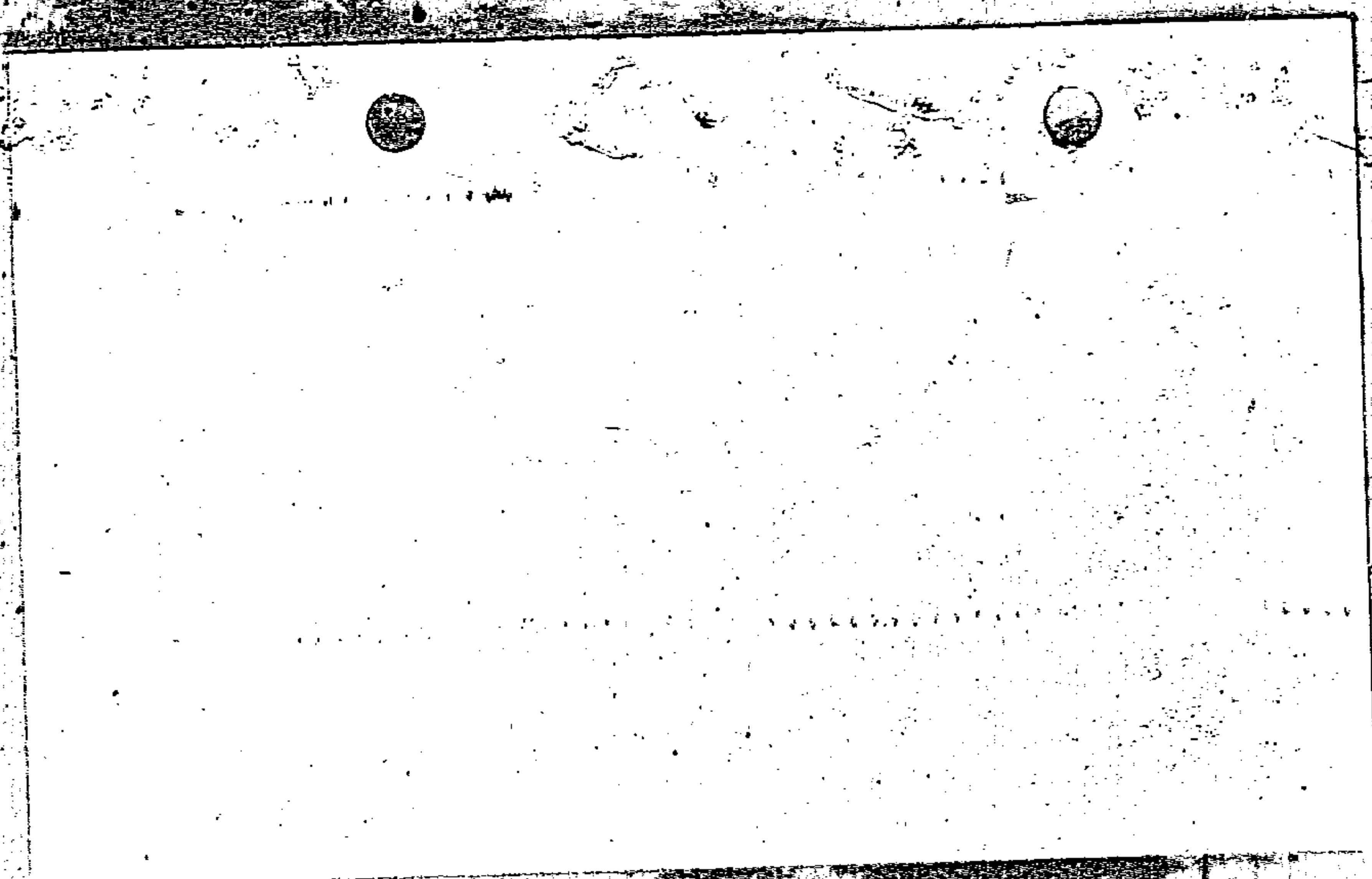
6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE 3-12-80	FAA REPRESENTATIVE Thomas D. Webb	DESIGNATION NUMBER DMIR SW-2041
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

U.S. Government Printing Office - 1964-275-638
FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 - DATE: 7-11-84



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09 MAY 05 1980

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 N3875H	2. AIRCRAFT BUILDER'S NAME (make) MOONEY AIRCRAFT CORP.	3. AIRCRAFT MODEL DESIGNATION M20J	4. YR. MFG. 1980	FAA CODING 5890219
	5. AIRCRAFT SERIAL NO. 24-0970	6. ENGINE BUILDER'S NAME (make) Lycoming	7. ENGINE MODEL DESIGNATION 10-360-A3B6D	41511	
	8. NUMBER OF ENGINES One	9. PROPELLER BUILDER'S NAME (make) McCaughey	10. PROPELLER MODEL DESIGNATION B2D34C214/90DHB-16E	11. AIRCRAFT IS: XXXXXXXXXXXXX IMPORT	
	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
II. CERTIFICATION REQUESTED	A. <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category) <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> UTILITY <input type="checkbox"/> ACROBATIC <input type="checkbox"/> TRANSPORT <input type="checkbox"/> GLIDER <input type="checkbox"/> BALLOON				
	B. 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)				
	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				
	3. 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 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. <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/>				
	NAME MOONEY AIRCRAFT CORPORATION		ADDRESS P. O. Box 72, Kerrville, Texas 78028		
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) TC 2A3 Revision 27		AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 80-04		
	AIRCRAFT LISTING (Give page No(s).)		SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)		
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 <input checked="" type="checkbox"/>		TOTAL AIRFRAME HOURS— XXXXXXXXXXXX 3.4	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 3-12-80		NAME AND TITLE (Print or type) James Fote Director, Product Quality		SIGNATURE <i>James Fote</i>	
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)				
	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: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under <input type="checkbox"/> FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145.				
	DATE 3-12-80	DISTRICT OFFICE SW-FSDO 64	DESIGNEE'S SIGNATURE AND NO. <i>Thomas D. Webb</i> Thomas D. Webb, DMIR SW-2041		FAA INSPECTOR'S SIGNATURE

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS (Check applicable item)			
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number) <input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM			
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:				
DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE		
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER	ADDRESS		
	BUILDER (Make)	MODEL		
	SERIAL NUMBER	REGISTRATION MARK		
	B. DESCRIPTION OF FLIGHT			
	FROM	TO		
	VIA	DEPARTURE DATE	DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	<input type="checkbox"/> PILOT	<input type="checkbox"/> CO-PILOT	<input type="checkbox"/> NAVIGATOR	<input type="checkbox"/> OTHER (Specify)
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:			
ADD A MINOR CORRECTION ...				
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)				
...				
F. CERTIFICATION—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.				
DATE	NAME AND TITLE (Print or type)	SIGNATURE		
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	<input checked="" type="checkbox"/> G. Statement of Conformity, FAA Form 317 (Attach when required)		
	<input type="checkbox"/> B. Current Operating Limitations Attached	<input type="checkbox"/> H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)		
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)	<input type="checkbox"/> I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)		
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft	<input type="checkbox"/> J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (b) (Copy attached)		
	<input type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required)			
	<input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records			

Not Subject to OMB Clearance

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF CONFORMITY

SECTION I - AIRCRAFT

1. MAKE MOONEY AIRCRAFT CORPORATION	2. MODEL M20J
3. SERIAL NO. 24-0970	4. REGISTRATION NO. N3875H

SECTION II - ENGINE

1. MAKE	2. MODEL
3. SERIAL NO.	

SECTION III - PROPELLER

1. MAKE	2. HUB MODEL
3. BLADE MODEL	4. HUB SERIAL NO.
5. BLADE SERIAL NOS.	

SECTION IV - CERTIFICATION

I hereby certify that:

A. I have complied with Section 21.33(a).

B. The aircraft described above, produced under type certificate only (FAR 21 Subpart F), conforms to its type certificate, is in a condition for safe operation, and was flight checked on 3-6-80 (Date)

C. The engine or propeller described above, presented herewith for type certification, conforms to the type design therefor.

D. The engine or propeller described above produced under type certificate only (FAR 21 Subpart F), conforms to its type certificate and is in a condition for safe operation. The engine or, if applicable, the variable pitch propeller was subjected by the manufacturer to a final operational check on _____ (Date)

Deviations: None

SIGNATURE OF CERTIFIER James Fote <i>James Fote</i>	TITLE Director, Product Quality
ORGANIZATION MOONEY AIRCRAFT CORPORATION	DATE 3-12-80

Typed by # 22

INSTRUCTIONS

This form should be submitted to a representative of the Administrator under the following circumstances:

1. By the applicant for a type certificate or a supplemental type certificate at the time he presents an aircraft or parts thereof to the FAA for tests.
2. By the applicant for a type certificate or a supplemental type certificate for each engine or propeller submitted for type certification.
3. By the type certificate holder or licensee manufacturing products under a type certificate only, upon the initial transfer by him of the ownership of each product or upon application for the original issue of an aircraft airworthiness certificate, or an Airworthiness Approval Tag (FAA Form 8130-3).

This form should be completed as follows:

Section I. Aircraft. Complete the pertinent part of only this section when certification covers an aircraft or part thereof.

Section II. Engine. Complete this section when certification covers an engine.

Section III. Propeller. Complete this section when certification covers a propeller.

Section IV. Certification.

Item A. Check this block when an aircraft or part thereof is presented for flight or ground tests during type certification or supplemental type certification.

Item B. Check this block when the holder or licensee of a type certificate only, initially transfers the ownership of an aircraft manufactured under that type certificate, or applies for the original issuance of an airworthiness certificate.

Item C. Check this block when an engine or propeller is presented for type certification.

Item D. Check this block when an engine or propeller is presented for airworthiness approval and insert the date the product completed a final operational check.

The certification must be signed by an authorized person who holds a responsible position in the manufacturing organization.

AIRCRAFT REGISTRY

8-12-8

FAA AIRCRAFT REGISTRY