5813F

The Standard

AIRCRAFT LOG

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Mooney Aircraft Corp. MODEL M20J SERIAL 24-1563

REGISTRATION NUMBER N5813F DATE MFG. 1985

ENGINE(S) CURRENTLY INSTALLED.

MFG Lycoming MODEL IO-360-A3B6D SERIAL L-24181-51A

MFG MODEL SERIAL

PROPELLER(S) CURRENTLY INSTALLED.

MFG McCauley MODEL

HUB MODEL B2D34C214 SERIAL 850222 SERIAL

BLADE MODEL 90DHB-16E SERIAL FB093 SERIAL FB096 SERIAL

BLADE MODEL SERIAL SERIAL SERIAL

The Standard

AIRCRAFT LOG

DATE 19 85	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				PRODUCTION FLIGHT TEST COMPLETED THIS DATE
				THIS AIRCRAFT INSPECTED NEW [illegible] AND
				FOUND TO BE AIRWORTHY.
10/30			1.9	Joel G Smith 2106562
				THIS AIRCRAFT HAS BEEN FLIGHT TESTED
				IN ACCORDANCE WITH MOONEY AIRCRAFT
				SPECIFICATION 020009 AND FOUND SATISFACTORY.
11/1			3.1	Joel G Smith
				For FAA Ft Worth Reg

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				The Area Navigation System, Make
				KING Model KN 58 Installed in
				this Aircraft has been Ground/Flight
				Tested in Accordance with Advisory
				Circular 90-45 (A) and is Approved for
				use Under Instrument Flight Rules.
11/1				Signed [signature]
				Mooney Aircraft Corporation

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	I certify that A T C Transponder Tests required by FAR 91.172 have been performed. Mooney Aircraft Corp. TC 213 By [signature] 11-8-85			I certify that the Altimeter and Static System tests required by FAR Parts 91.171 have been performed. The altimeter has been tested to 20,000 feet. 7-2-85 Mooney Aircraft Corp. TC213 By [signature] 11-8-85
	I certify that the encoding altimeter tests required by FAR 91.36(b) have been performed. Mooney Aircraft Corp. TC 213 [signature] 11-8-85			I have inspected this aircraft and found it complies with the requirement of FAR 21.183(b). Certificate of Airworthiness dated 11-8-85 was issued by me. [signature] DMER SW-2041

DATE 1985	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/25	45hrs		45hrs	50hr Service: Change Fuel Pressure
				Transducer P/N 880045-501 New S/N 237
				Replaced Lt Main Tire
				Charles Stafford A
				1959441 A

FOR INSERTION IN AIRCRAFT LOG BOOK

A/C MODEL M201 N 5813F
AVIONICS PERFORMANCE CHECKS FOR PART 135
OPERATION COMPLETED AND FOUND TO BE WITHIN
MANUFACTURERS TOLERANCE.

DATE: 11-19-85 SIGNATURE: J. Dollar
RANSOME AIR AVIONICS CRS 109-44

DATE 1985	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-27-85				Removed Autopilot computer KC192 Ser No 40544. Repaired and incorporated change per KING Radio Alert Service Bulletin No 9 dated November 6, 1985. Reinstalled + Tested A/P OK.
				Ransome Air AVIONICS CRS 109-44
				James R Collar
12-10-85				Complied with KING Radio KS177/178-3 'ALERT' Service Bulletin. Ransome Air AVIONICS CRS109-44
				James R Collar

DATE 19 85	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/10				AD 85-23-07 C/W by Ransome
				Air Avionics
				[signature] A
				1959441 IA
2/11/86	100	0	100	Complied with 100 hr/ANNual insp
				I/A/W Part 43 details on Shop insp
				form CLEAN insp. Engrease oil WHEEL
				Bearings AD 85-24-3 N/A by S/N
				AD 86-01-06 N/A by Model # AD 85-25-02 A/C/W
				Indicate I/A/W Mooney Maint Manual
				Cont NEXT Page —

DATE 19 86	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-11	100		100	Tachometer 100 hrs Total Time 100 hrs I certify that
				this (aircraft) ~~(engine)~~ has been inspected in accordance
				with a ANNUAL ~~(100 HOUR)~~ inspection and was determined to be in airworthy condition.
				Dated 2-11-86 W.O.# 45504
				Signed [redacted] 1959440 A
3-4	110		110	AD 86-01-06 Airborne Pumps N/A by
				Model # AD 86-05-02 United Instruments
				N/A Breeding Altimeter installed -
				1959441 A

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				~~COMPLIED WITH 100 HR/ANNUAL INSPECTION~~
				~~I/A/W/ PART 43 DETAILS ON SHOP INSPECTION FORM.~~
				~~DRAIN OIL & CHANGE FILTER, CLEAN GAP & TEST SPARK~~
				~~PLUGS. CK'D MAGNETO TO ENGINE TIMING. COMPRESSION~~
				~~TEST #1_____ #2_____ #3_____ #4_____ #5_____ #6_____~~
				~~ENGINE RUNUP CK. OK. AD'S CK'D TO DATE.~~
5/28/86	200	—	200	COMPLIES WITH 100HR/ANNUAL INSPECTION
				~~I/A/W PART 43 DETAILS ON SHOP INSPECTION FORM~~
				~~INSPECT ALL CABLES & PULLEYS. CLEAN INSP. AND~~
				REGREASE ALL WHEEL BEARINGS CK'D CABLE TENSION
				~~AND CONTROL SURFACE TRAVEL. AD'S CK'D TO DATE.~~
				Replaced Right Brakes. Replaced fuel
				cap O-Rings & ADJ. & Lubed caps
				Detailed A/C. (SEE NEXT PAGE
				FOR SIGN OFF) →

DATE 19~~56~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/28	200	—	200	Tachometer 200 Total Time 200 I certify that
				this (aircraft) (~~engine~~) has been inspected in accordance
				with a ANNUAL ~~(100 HOUR)~~ inspection and was determ
				mined to be in airworthy condition.
				Dated 5/28/56 W.O.# 45979
				Signed [illegible] 139641126.
8/16	300		300	COMPLIES WITH 100HR/ANNUAL INSPECTION
				I/A/W PART 43 DETAILS ON SHOP INSPECTION FORM
				INSPECT ALL CABLES & PULLEYS. CLEAN INSP. AND
				REGREASE ALL WHEEL BEARINGS CK'D CABLE TENSION
				AND CONTROL SURFACE TRAVEL. AD'S CK'D TO DATE
				Ck'd Gear Preload Nose 125 Lt Main 280
				Rt Main 275 Retraction Test Normal.

Cont Next Page

DATE 19 86	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/16	300		300	Emergency, Adjust vacuum Regulator Replace fuel Cap 'O' Rings, Replaced LT inbwd gear door bracket P/N 5500085 001.
				Tachometer 300 Total Time 300 I certify that this (aircraft) (~~engine~~) has been inspected in accordance with a ANNUAL (~~100-HOUR~~) inspection and was determined to be in airworthy condition.
				Dated 8/16/86 W.O. # 18097
				Signed [signature] 1959411 LA
				AERO VENTURE INC. Trenton-Robbinsville Airport Robbinsville, N.J. 08691 587-1250 585-9527

DATE 1986	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-2	357.2		357.2	Replace landing light, Replaced
				Rt brake linings 50 hr Insp & Service
				[illegible]
				1959441 IA
11-26	400.0		400.0	COMPLIES WITH 100HR/ANNUAL INSPECTION
				I/A/W PART 43 DETAILS ON SHOP INSPECTION FORM
				INSPECT ALL CABLES & PULLEYS. CLEAN INSP AND
				REGREASE ALL WHEEL BEARINGS CK'D CABLE TENSION
				AND CONTROL SURFACE TRAVEL. AD'S CK'D TO DATE.
				ck'd gear pre-loads (Nose 175 Lt 275 Rt 275)
				c/w Retraction Ck Normal & Emergency.
				Replaced Lt. & Rt Main gear Tires

Cont Next Page

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12-26	400 hrs		400 hrs	Clean Battery Posts & Wire Terminals
				Installed Bracket &
				achometer. 400 hrs Total Time 400 hrs I certify the
				his (aircraft) (~~engine~~) has been inspected in accordance
				with a ANNUAL (~~100 HOUR~~) inspection and was deter
				mined to be in airworthy condition.
				Dated 12-26-86 W.O.# 51206
				Signed...
				1959441 A
12-17-86	409.5		409.5	Replaced vacuum relief valve PN 2H3-39
				C/o Mooney SB M20-234 by replacing
				9 6A 4200-002-2 CB's, 2 6A 4200-002-4 CB's
				& 7 6A 4200-002-5 CB's
				1959441 A

DATE 1987	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-6	450 hrs		450 hrs	Replaced Lt Wing Fuel Drain P/N F-391-53-5
				AERO VENTURE INC. Trenton-Robbinsville Airport Robbinsville, N.J. 08691 587-1250 585-9527
				1959441 A
3-19-87	492 hrs		492 hrs	Replaced Lt Rectifier
				1959441 A

DATE 19 87	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/26	515.4		515.4	COMPLIES WITH 100HR/ANNUAL INSPECTION
				I/A/W PART 43 DETAILS ON SHOP INSPECTION FORM
				INSPECT ALL CABLES & PULLEYS. CLEAN INSP. AND
				REGREASE ALL WHEEL BEARINGS CK'D CABLE TENSION
				AND CONTROL SURFACE TRAVEL. AD'S CK'D TO DATE.
				C/w retraction test Normal & Emergency
				ckd landing gear pre loads Changed
				Nose gear Tire replaced vacuum
				relief filter lubricate Aircraft
				Tachometer 515.4 Total Time 515.4 I certify that
				this (aircraft) ~~(engine)~~ has been inspected in accordance
				with a ANNUAL ~~(100 HOUR)~~ inspection and was deter
				mined to be in airworthy condition.
				Dated 3-26-87 W.O. # 50539
				Signed [illegible] 1953449 IA

AERO VENTURE INC.
Trenton-Robbinsville Airport
Robbinsville, N.J. 08691
587-1250
585-9527

DATE 19☐	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-7	534		534	Note: For Further Entries After
				This date See oil log System
				log #2.
				[signature]
				AERO VENTURE INC. Trenton-Robbinsville Airport Robbinsville, N.J. 08691 587-1250 585-0527. 1959441SR
5/1/87	545		545	C/W 50 HR. SERVICING +
				Replaced 2Dg. Light serviced
				w/ 8TSO W-80 Aeroshell.
				[signature] A+P 13964126

DATE 19 88	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/3/88	1092 TACH			Changed the wheel of the nose gear
				with new tire № 500x5 6ply. Torqued
				the bolts.
				A+P 87740668.

DATE 19 91	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/20				Removed, repaired, reinstalled Encoding
				Altimeter King KEA130A S/N 17928
				W.O.# 377-91. Replaced defective
				Encoding Altimeter lighting tray.
				Removed ELT. Replaced out of date
				battery w/ new ARTEX battery.
				Reinstalled ELT & tested.
				Static & Transponder System Tests
				performed I/C/W FAR 91.411 &
				FAR 91.413.
				COMMANDER INSTR. & AVIONICS
				FAA CERTIFIED REPAIR STATION #ZE4R697M
				P. O. BOX 1049 CHESTER, S. C. 29706
				J J Johnson for

ARTEX AIRCRAFT SUPPLIES INC
2438-B S. Sycamore Dr. Conroy, UTC
(503)266-3969 800-547-8001
LOG BOOK ENTRY 11/20/91
ELT BATTERY
REPLACEMENT DATE DEC 1993

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIO ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUM MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC E

I certify that the Altimeter, Altitude Reporting and Static System tests required by FAR 91.~~171~~ 411 have been complied with.

W.O.No._____

	LH Altim.	RH Altim.	Encoder
Make	United		United
Mod.	KEA130A		KEA130A
S/N	17928		17928
Tested to:	20,000 ft.		20,000 ft.

Signed: J.G. Johnson Date 11/20/91

Commander Instruments & Avionics

FAA Cert. Repair Sta. # ZE4R697M

Chester County Airport

Chester, SC 29706

I certify that the Transponder and System Tests required by FAR91.~~412~~ 413 have been complied with.

	No. 1 Xpdr.	No. 2 Xpdr.
Make	King	
Mod.	KT76A	
S/N	45569	
W.O. No.	R402-91	

Signed J.G. Johnson Date 11/20/91

Commander Instruments & Avionics

FAA Cert. Repair Sta. # ZE4R697M

Chester County Airport

Chester, S. C. 29706

Recertification Due by: 11/93

SKYCOM AVIONICS, INC.

AIRCRAFT LOG ENTRY

Description of work done:

Removed faulty cooling fan + installed new King KA-33 cooling fan. Removed KNS80 S/N 13239 for repair. Cleaned pots on computer board tested + installed in A/C. Removed faulty T/coordinator S/N 764-96 + Installed OUH unit S/N 842-249. Wired Bar Lights to existing lighting wires

end

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 12/9/91 Tach: 937.6 W.O. 301198 Signed

☐ **TIMMERMAN FIELD**
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
☐ F.A.A. No. NC5R-062N

☐ **CRITES FIELD**
24151 W. BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
☐ F.A.A. No. NC5D-062N

☒ **KENOSHA MUNICIPAL AIRPORT**
9420 – 52ND ST.
KENOSHA, WI 53144
(414) 652-8120
☐ F.A.A. No. NC52-062N

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-31	972.2			REMOVED OLD FUEL PRESSURE TRANSDUCER. INSTALLED UPGRADED FUEL PRESSURE TRANSDUCER AND AMPLIFIER SYSTEM. INSTALLED NEW LANDING LIGHT.
				The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Signed Charles W. Hart for Kenosha Aero, Inc., Certificate No. KABR 076A
				TRANSFERRED TO ADLOG SYSTEM CWH KABR076A

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-18	989.0			TROUBLE SHOT ALTENATOR FIELD WIRING SYSTEM AND
				REPAIRE OR CLEAN AS NECESSARY.
		TRANSFERED		TO ADLOG SYSTEM
				out KABR076A

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.
Signed Charles W. Hardy for
Kenosha Aero, Inc., Certificate No. KABR 076A