

# Aircraft Record General Information

Manufacturer Mooney Aircraft Corp Model Ma20k  
Serial 25-0784 Registration Number N57055  
Date of Manufacture 1983

## Engine(s) currently installed:

Manufacturer Continental Model TS10-360-LB1 Serial 316004  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

## Propeller(s) currently installed:

Manufacturer Hartzel Model PHC-334F-1RF (4-3-96)  
HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

[illegible]



DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N57055

### Aircraft Records

Date June 19, 1998

Hobbs Time: 1298.4

Total Time: 1298.4

C/W FAR 91.207(d) inspection. Replaced ELT battery. ELT Battery Date: July 2000  
 Repaired baggage door, installed trim panel. Removed and reinstalled left and right gear doors and gear swing. Repaired left brake cylinder line with hose and fitting, bled brakes. Replaced landing light switch. Replaced left main tire. Serviced oxygen and hydraulic brake reservoir. Stop drilled forward right lower baffle.

I certify that I have inspected this aircraft in accordance with an **ANNUAL** inspection using a checklist that conforms to FAR Part 43 Appendix D and have found this aircraft in an airworthy condition.

Raymond Lawless



A&P 026447598IA

*Eastern Air Center  
 209 Access Road  
 Norwood Airport  
 Norwood, MA 02062*



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## Conn Mooney Aircraft Sales, Inc.

Danbury Municipal Airport

21 Miry Brook Road Hobbs

Danbury, CT 06810 1344.7

(203) 744-5010

Airframe

Comply with service bulletin 20-264 by installing links reinforced by Lake Aero - See yellow tag. Adjusted landing gear doors, Shim loose nose gear trunion. Adjust left & right Aileron. Comply with service Bulletin 229 by replacing fuel cap o-rings. *Wald Riquelme*  
644540037

Flight Check Required *OK, Ken Parker*  
10/5/98

DATE 5/28 19 99	RECORDING TACH <del>AC536</del> 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 Technician or Repair Facility. (See back pages for other specific entries.)
	1503.00		1503.00	JACKED UP AIRCRAFT; CLEAN INSPECT AND LUBRICATED HANDLING GEAR. INSTALLED MISSING BOLT ON NOSE GEAR TRUNNION. REPLACED ALL BRAKE WINNINGS SERVICE WHEEL BEARINGS. DRAINED ALL INSPECTION PANELS: CHECK CABLES, PULLEYS AND CONTROL SURFACES ATTACHMENT POINTS. TESTED ELT UNIT & AW FAIR 207" BATTERY & DATE IS JULY 2000. C.W AD 98-24-11 CRACKS AILERON CONTROL LIMBS: INSPECT AILERON CONTROL LINK & AW (a) REINFORCEMENT GUSSET IS INSTALLED NO FURTHER ACTION REQUIRED. C.W AD 98-21-21. DOOR SEAL PUMP - REPLACE PUMP WITH NEW UNIT BFA 54-1000 + INSTALLATION INSTRUCTIONS. SUPPLIED BY BOB FIELDS ACCESSORIES (AWCO & AFD JAN 11/98) AD 84-26-03 PAPER AIR FILTER NOT DUE @ THIS TIME FILTER DATE 1998 - 200 HRS TIS.. Eugene J. Blair AP 11482326
TOTAL	1503.00			

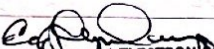
I certify that this Aircraft N57053 has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

Eugene J. Blair

Date 5/28/99 Inspection Authorization 11482326





DATE 19 <u>2000</u>	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 Technician or Repair Facility. (See back pages for other specific entries.)
Hobbs 1661-9 He.				
1. <del>Removed</del> <del>General</del> <del>618</del> , A16 SYS, King KEST, K122 K144B <del>ADF</del> SYS., King KY-196 VHF COM, King KNS-80 NAV SYS.				
2. Installed Garmin GNS-430 GPS/COM/NAV system UNIT WAS INSTALLED I.A.W GARMIN 400 SERIES INSTALL MANUAL PN 190-00140-02 Rev D, March 1999 and Avionics King. AL-530 - GARMIN PN 013-00051-00 Doc. No 1M-530 checked out ok, updated WTS and equipment list. see 337 for details.				
 AERO MARINE ELECTRONICS 224 E. AIRPORT AVENUE VENICE, FLORIDA 34285 FAA - CRS #UY4D587M				

MODEL# G5 BOARD S/N 30665 W# E8579  
 OWNER E.A.T. A/C  
 THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED &  
 INSPECTED IN ACCORDANCE WITH CURRENT F.A.A.  
 REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN  
 TO SERVICE. DETAILS OF THIS REPAIR ARE ON FILE  
 INSPECTION DATE 3/7/00



**WARRANTY REGISTRATION. Trouble-shoot system before installation.**

OWNER			
COMPANY			
ADDRESS			
AIRCRAFT	Make: <u>MOOREY</u>	Model: <u>M20K</u>	N <u>57055</u>
Part Installation or Removal Record. Take required measurements before installing unit.			
Company	<u>AMERICAN AZRO SERVICES</u>		FBO <input type="checkbox"/> A&P <input type="checkbox"/> Owner <input type="checkbox"/>
Address	<u>TAUNTON MUNICIPAL AIRPORT</u> <u>P.O. BOX 478 EAST TAUNTON</u>		
PHONE NO			Fax/Email
Part Number	<u>R15300</u>	SN: <u>K1H0G1</u>	CAR# <u>Z570902L</u>
Bought From			
Measurements	Resistance of: Field	$\Omega$ Field Sw	$\Omega$ System Voltage: <u>V</u>
Installation	Bv:	Date:	Tach Time:
Removal	Bv:	Date:	Tach Time:
Why Removed			
FORM USE: White Part - Return to us within 10 days of unit's installation. Pink Part - Keep for your records. Yellow Part - Return with Unit for warranty claim. READ THE ENCLOSED WARRANTY POLICY			
Return to: <b>HAZOTRONICS</b> , 1622 E. Whaley St., Longview, TX 75601, USA. Phone: 963-758-6661			

airs and Alteration  
Certificate Number of  
or other specific entries.

R with 15300  
in 101 out Pent  
now TRAVEL. ins.  
'auding Lites e  
DINTS. Replaced  
JACK UP AIRC  
Adjust Pre-  
Replaced Pitot Sys  
Speed SW. IAW.  
'AGENCY OPERATIO  
RAL TIMES and

Replaced windshield with new. Replaced interior insulation with  
2-Ply (Double Side Foil) Insulator refer to form 8110-3.

Brian Kendrick

521256023 AP for Mod Works, Inc.  
Punta Gorda, FL.

DATE 2000	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 Technician or Repair Facility. (See back pages for other specific entries.)
5-26	1689.5 Hrs.	1689.5 Hrs.		Conducted Inspection 11A1W Mooney 100 Hrs Annual Inspection Guide Checklist. Removed Inspection panels & raised A/c on jacks. Conducted Landing gear functional test. Checked doors for proper closing. Checked warning lights & horn. Checked emergency gear extension for proper operation. Checked gear down lock pre-loads. Found one pre-load low. Adjusted as per Mooney Maintenance & Service Manual. L. main 265 in-lbs. R. main-270 in-lbs & L. nose .037" R. nose .038". Clw Mooney S.I. M20-52A on Gear Actuator no-back-clutch spring. Next Due @ 2689.5 Hrs. Replaced nose gear truss pivot bolt & bushing, due to excessive play, with LASAR oversize bushing kit PLW-SK-01 Sec 337 included with A/c records, for oversize bushing installation. Shimmed nose gear steering horn. Replaced loose heim bearings on right side nose gear door. Replaced L. main wheel bearings & races & brake pads. Replaced R. main tire - One to flat spots with new (used 600x6 tire. Lubed landing gear system & clw AD 73-21-01. Checked control surfaces for proper travel & rigging as per Mooney Maintenance 70000

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5-26.				<p>1659-5hrs → Continues from last page → end Service Manual. Replaced tail trim link bushing &amp; bolts, due to excessive play. Replaced loose main bearing for rudder control rod. Lubed flight controls pivots bell-cranker, trim bearings &amp; guide blocks. (lw AD 73-21-01. Conducted Corrosion treatment of Airframe with Corrosion-X. Inspected tubular structure for corrosion - checked OK. Removed oxygen bottle for Hydrostatic test. Re-install. Tested &amp; filled o<sub>2</sub> bottle &amp; checked for leaks as per Mooney Maintenance &amp; Service Manual for M20-K. Removed &amp; rechecked battery. Serviced to proper level. Cleaned battery box, treated corrosion &amp; repainted. Serviced brake reservoir to proper level. Repacked wheel bearings. Repositioned wire on Ignition switch for left mag. Secured Milet Phone Jack connector on left rear seat area. Replaced cabin hand hold strap. Remount front cabin lights switch that was backwards. Checked ELT &amp; G-switch for proper operation as per FAR Part 91.207(d). Installed new battery pack - Expires on July-2002. Replaced loose riv-nut for ELT. Cleaned tail cone &amp; stinger fairing area. Secured loose shrink tubing on trim push-pull rod @ guide. Replaced foam trim 7x00x</p>

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5-26	1689.5 hrs.			<p>Continues from last page. → chain cover. C/w AD 76-87-12 on Bendix ignition switch by functional check 25 per AD. checked OK. next insp. due next Annual. C/w AD 85-24-03 on fuel caps o-rings. checked all other pertinent AD thru 1A Approach monthly disc 2000-9. See AD list enclosed with AIC records. Conducted Post Inspection Run &amp; checked off AIC - JOK. + certify that this Airframe Mooney M20-K N57095, s/n-25-0724 was inspected in accordance with an Annual Inspection and was found in Airworthy condition for return for service.</p> <p style="text-align: right;">Leonardo Larrimano ATP # 461822075 JA</p> <p>C/O Lane Star Aviation w.o.# 1293</p>



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9/8/00	1759.6			INSTALLED 80 AMP ALTERNATOR RETROFIT PER MOONEY DWG 940049-501. RTR PITCH TRIM ACTUATOR ASSY WITH REPAIRED P/N 740230-501. FD 00-11-15 N/A BY S/P. REF W/O 24432. Scott Carl GAVRITUK

Date: 7/31/2000 Aircraft: N57055 Type: MOONEY M20K  
Hobbs: 1416.5

INSTALLED A NEW FUEL INDICATOR P/N 880024-003 FOR THE LEFT WING.

DATE: 7-31-00

SIGNED: 

CERT NO: 464 190942

Henley's Aircraft Services, Inc.  
15841 Addison Road  
Addison, TX 75001  
972-934-0875 800-373-6524



DATE

19 \_\_\_\_\_

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DATE	TACH TIME	TOTAL TIME	AC REG	REMARKS
Oct. 26, 2000	HOBBS. 1780.9		N57055	PROP BAL

This date propeller dynamically balanced IAW Chadwick  
Helmurh instructions AW-9511-2. Final reading .1  
"IPS". End

SIGNATURE:



NAME

STEPHEN M KELLY

CERT. #

A&amp;P 37402284

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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**Description of Inspections, Tests, Repairs and Alterations**  
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FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001  
 LOG ID# 68 07-February-2001 WO# 7691/1 REF# 7691 AC TT 1842.5  
 N57055 S/N 25-0784 MOONEY M20K

Pg 1 / 1

\*\*\*\* ITEM # 7691-1 RADAR ALTIMETER \*\*\*\*

DISCREPANCY: KRA-10A, radar altimeter.

ACTION: Removed radar altimeter, KRA-10A, SN: 57055, KI-250, SN: 5075, and KA-133 power converter, SN: 1801. Stowed all wiring, recomputed wight and balance. Note: Did not remove KA-131 antenna.

Mark Pledger 2-7-01  
 DG2R767K MARK PLEDGER Date

Date: 11/07/2000 Aircraft: N57055 Type: MOONEY M20K S/N:  
 Hobbs: 1792.1, Total Time: 1792.1

INSTALLED A NEW VOLTAGE REGULATOR P/N 800270-0505.

DATE: 11/7/2000

SIGNED: [Signature]

CERT NO: 452840310

Henley's Aircraft Sercvices, Inc.  
 15841 Addison Road  
 Addison, TX 75001  
 972-934-0875 800-373-6524

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Date: 6/12/2001 Aircraft: N57055 Type: MOONEY M20K

Hobbs: ~~1030.0~~ 1843.8  
500.0  
2343.8

INSTALLED A NEW NOSE TIRE AND TUBE, REPACKED WHEEL BEARINGS AND SERVICED MAIN TIRES. COMPLIED WITH AD 85-24-03 BY INSTALLING NEW FUEL CAP O-RINGS P/N MS29513-338. COMPLIED WITH AD 76-07-12 BY FUNCTION CHECK OF THE BENDIX IGNITION SWITCH. COMPLIED WITH AD 84-26-02 BY INSTALLING A NEW INDUCTION AIR FILTER P/N P13-6287. THIS AIRCRAFT HAS BEEN INSPECTED AND HAS BEEN FOUND SAFE FOR THE INTENDED FLIGHT IN ACCORDANCE WITH SPECIAL FLIGHT PERMIT DATED JUNE 11, 2001.

DATE: 6/12/2001

SIGNED: 

CERT NO: 452860810

Henley's Aircraft Services, Inc.  
15841 Addison Road  
Addison, TX 75001  
972-934-0875 800-373-6524



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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**JACOB AVIATION** 100 AIRPORT AVE, VENICE FL 34233 TEL. (941 484 0801) FAX. (941 485 4571)

REG # N57055

HOBBS: 1849.8

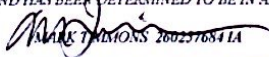
TT: 1849.8

DATE: 09/22/01

### AIRFRAME

#### DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS.

REMOVED INSPECTION PANELS, CLEANED AND INSPECTED LAW MOONEY AIRCRAFT'S ANNUAL/100 HOUR INSPECTION CHECKLIST. TESTED ELT LAW FAR 91.207(D), BATTERY REPLACEMENT DATE JULY 2002. CW AD 85-24-03 FUEL TANK RAYS AND RIB STATION INSP., BY REPLACEMENT OF FUEL CAP O-RINGS. NEXT DUE HOBBS 1949.8. INSTALLED MERLYN WASTE GATE. SEE 337. CORROSION X TREATMENT APPLIED TO AIRFRAME. REPLACED LH TOP ROD END TO NOSE GEAR DOOR. REPLACED TAIL BUSHINGS AND ATTACHING HARDWARE AT PIVOT TRIM LOCATION. O2 BOTTLE HYDROSTATICALLY TESTED. NEXT DUE 9/2004. REPLACED LH MAIN GEAR TIRE. REMOVED BATTERY BOX CORROSION AND REPAINTED WITH ACID PROOF PAINT. REPLACED COWL FLAP PIVOT BUSHINGS AND ATTACHING HARDWARE. REPAIRED CHT WIRING. INSTALLED NEW CHT PROBE #3 CYL. REPLACED AFT BELL CRANK, ELEVATOR CONTROL ROD ENDS. REPLACED LH AILERON CONTROL ROD END. SECURED PILOT'S CONTROL SLAFTS, LOOSE HDWARE. REPLACED RH AND LH FUEL TANK PICK UP TUBE GASKETS. REPLACED ALTERNATE AIR SCAT AT TUBING. REPLACED VACUUM REGULATOR FILTER. REPLACED NOSE WHEEL BEARINGS AND RACES. CW AD 76-07-12 BENDIX SWITCHES, BY MECHANICAL CHECK, NEXT DUE HOBBS 1949.8. AD 84-26-02 INDUCTION FILTERS, PCW NEXT REPLACEMENT DATE HOBBS 2343.8. ALL AD'S RESEARCHED AS OF THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED LAW AN ANNUAL/100 HOUR INSPECTION, AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.(END)

  
MARK T. ADAMS 260257684 IA

12-16	18601			USA Check for IFR OK	RLH
11-21	18704			USA Check for IFR OK	RLH
11-30	18800			" " " " "	RLH



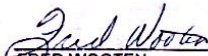
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2001				
11-16				① Installed New Battery ② Installed Cust. Furnished Speed Brake + Ops CK'd O.K. ③ Removed + Replaced Flammable Fluid Hoses ④ Installed Cust. Furnished Intercooler Temp Probe  <div>Michael B. Lambert A+P 408299214 IA</div>
11-20				① Installed Cust. Furnished EGT Probe ② Serviced O <sub>2</sub> System ③ Increased Fuel Pressure 3 PSI  <div>Michael B. Lambert A+P 408299214 IA</div>

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AIRCRAFT LOG BOOK ENTRY N57055 SN: M20K25-0784 DATE: 10-17-02  
 HM: 1923.9 TAT: 1923.9

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER MOONEY INSPECTION GUIDE AND HAS BEEN CERTIFIED TO BE IN AIRWORTHY CONDITION. THE FOLLOWING WORK WAS ACCOMPLISHED:

- 1 C/W AD2002-13-04 ENGINE FAILURE DUE TO IMPULSE COUPLING. N/A PER MAG S/N.
- 2 C/W AD76-07-12 IGNITION SWITCH FOR OPERATION. NEXT DUE AT 2023.9.
- 3 C/W MOONEY SIM20-106 INSPECTION OF FLIGHT CONTROL UNIVERSAL JOINTS. LUBED AND NO DEFECTS NOTED.
- 4 C/W MOONEY 58 M20-279C INSPECTION OF LANDING GEAR ACTUATOR ASSEMBLY. DISSEMBLED, CLEANED AND INSPECTED. REPLACED ONE BEARING, REASSEMBLED, LUBRICATED. REINSTALLED AND RIGGED. GEAR OPERATION PER SPECS IN NORMAL AND EMERGENCY MODE.

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				5 REPLACED L/H AND R/H BRAKE HOSES. BLED BRAKES. 6 REPLACED BOTH NOSE WHEEL BEARINGS AND RACES. 7 C/W FAR91.207(D) INSPECTION AND OPERATION OF ELT. NO DEFECTS NOTED. REPLACED BATTERY, PN: 00-60-62. NEXT DUE INSPECTION 10-03. ELT BATTERY NEXT DUE REPLACEMENT 11-2004.  <div style="display: flex; justify-content: space-between;"> <div data-bbox="259 472 701 603"> <p>AIRTEC AIRCRAFT SERVICE, INC.              11200 HIGH POINT COVE              OLIVE BRANCH, MS 38654              (662) 895-7877</p> </div> <div data-bbox="701 466 1007 596"> <p>              FRED WOOTEN              AP4309418311A</p> </div> </div>

DATE

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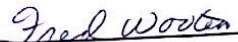
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AIRCRAFT LOG BOOK ENTRY N57055 SN: M20K25-0784 DATE: 10-25-02  
HM: 1923.9 TAT: 1923.9

- 1 REPLACED TCM STARTER AND INSTALLED FAA-PMA SKYTEC LIGHTWEIGHT STARTER, PN: C12ST1 SN: 180003.
- 2 INSTALLED "CHARLIE BALLAST WEIGHT, PN: 350203-503 PER AIRCRAFT MAINTENANCE MANUAL SECTION 8-00-01 FIG 8-1.
- 3 ACCOMPLISHED WEIGHT AND BALANCE USING EVERGREEN SELF CALIBRATED SCALES PER MAINTENANCE MANUAL SECTION 8-00-00. RESULTS AS FOLLOWS: L/M 648 LBS; R/M 768 LBS; NOSE 698 LBS; EMPTY WEIGHT 2115; CG 43.62; MOM 92256.3.

AIRTEC AIRCRAFT SERVICE, INC.  
11200 HIGH POINT COVE  
OLIVE BRANCH, MS 38654  
(662) 895-7877

  
FRED WOOTEN  
AP430941831IA

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AIRCRAFT LOG BOOK ENTRY N57055 SN: M20K25-0784 DATE: 10-28-02  
 HM: 1902.3 TAT: 1923.3

- 1 UPGRADED EXISTING JPI INSTRUMENTATION SYSTEM PER JPI UPGRADE INSTRUCTIONS.
- 2 REMOVED FACTORY INSTALLED STANDBY GENERATOR SYSTEM AND NOTED IN EQUIPMENT LIST.
- 3 INSTALLED AIR DRIVEN STANDBY ALTERNATOR SYSTEM PER BASIC AIRCRAFT PRODUCT, INC STC SA2431AT REFER FAA FORM 337 THIS DATE FOR DETAILS ENTERED IN EQUIPMENT LIST. AIRCRAFT WEIGHED AND NEW WEIGHT AND BALANCE ENTERED. INSTALLED AFM SUPPLEMENT.

AIRTEC AIRCRAFT SERVICE, INC.  
 11200 HIGH POINT COVE  
 OLIVE BRANCH, MS 38654  
 (662) 895-7877

  
 FRED WOOTEN  
 AP430941831IA



DATE

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AIRCRAFT LOGBOOK ENTRY N57055 SN: 25-0784 DATE: 11-11-03  
HM: 1995.5

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
ACCORDANCE WITH AN ANNUAL INSPECTION PER MOONEY  
INSPECTION GUIDE AND HAS BEEN DETERMINED TO BE IN  
AIRWORTHY CONDITION FOR RETURN TO SERVICE. THE FOLLOWING  
WORK WAS ACCOMPLISHED:

- 1 REPAIRED BOTH MLG WHEEL HUB CAP RETAINING SCREW  
HOSES AND INSTALLED HUB CAPS.
- 2 C/W AD 82-27-03 ROTOMASTER TURBOCHARGER FLANGE  
INSPECTION. REMOVED, DISASSEMBLED AND INSPECTED. NO  
CRACKS NOTED. REPLACED HOUSING CLAMP, PN: CF600391-000  
AND TAIL PIPE CLAMP, PN: 653332. REPLACED STRIPPED OUT  
TURBOCHARGER MOUNT BRACKET THREADS BY HELICOIL  
METHOD. REINSTALLED TURBOCHARGER.
- 3 REINSTALLED AND OPS CHECKED L/H SPEED BRAKE AFTER  
OVERHAULED BY PRECISE FLIGHT.
- 4 C/W FAR 91.207(D) OPERATIONAL TESTED AND INSPECTION OF  
ELT. NO DEFECTS. BATTERY NEXT DUE NOV 2004.

AIRTEC AIRCRAFT SERVICE, INC.  
11200 HIGH POINT COVE  
OLIVE BRANCH, MS 38654  
(662) 895-7877

*Fred Wooten*  
FRED WOOTEN  
AP430941831IA

DATE

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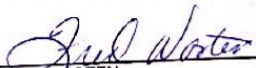
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AIRCRAFT LOGBOOK ENTRY N57055 SN: 25-0784 DATE: 3-26-04  
HM: 2020.7

- 1 C/W MOONEY SB M20-282 BY INSTALLATION OF KIT, PN: A10-85  
PER EATON SERVICE INSTRUCTION AND SB M20-282. NOTE:  
SHIMMED CLUTCH SPRING BEARING USING, PN: 110117-3 SHIM.  
PERFORMED OPERATIONAL TEST OF LANDING GEAR SYSTEM IN  
NORMAL AND EMERGENCY MODE. REINSTALLED BELLY PANEL.

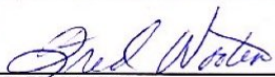
AIRTEC AIRCRAFT SERVICE, INC.  
11200 HIGH POINT COVE  
OLIVE BRANCH, MS 38654

  
FRED WOOTEN  
AP4309418311A

AIRCRAFT LOGBOOK ENTRY MOONEY M20K SN: 25-0784 N57055  
DATE: 8-13-04

- 1 INSTALLED NEW AILERON CONTROL RODS, PN: 730048-503 PER  
MOONEY MAINTENANCE MANUAL. RIGGED AILERONS 8 DEGREES  
UP AND 12 DEGREES DOWN.

AIRTEC AIRCRAFT SERVICE, INC.  
11200 HIGH POINT COVE  
OLIVE BRANCH, MS 38654  
(662) 895-7877

  
FRED WOOTEN  
AP4309418311A

# LOG BOOK SUPPLMENT

REG. NO.: M57055 MODEL: MOONEY M20K SN: 25-0784 TT: 2057.8  
DATE: DEC. 9, 2004 HOURS: 2057.8

Completed Annual /100hr. inspection I/A/W Mooney inspection form, cleaned and inspected all wheel bearings, replaced both bearings and races in nose wheel, removed Propeller for oil leaking from dome and both boots needed replacing, propeller needed other S/Bs done to it, see maintenance release cert., replaced ELT battery and FAR 91.120 check ok, lubricated landing gear and all controls, operated landing gear normal and emergency, C/W AD 76-07-12 ignition switch, replaced splice on intercooler probe and operational check OK.

I certify that this Airframe has been inspected in accordance with an Annual 100hr. inspection and was found to be in airworthy condition.

Signature:

  
Philip L Kallschmidt

IA 1860369 A&P


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: MOONEY  
MODEL: M20K  
S/N: 25-0784  
REG. NO: N57055  
WORK ORDER:  
2866-05-2005

### Lone Star Aero

Repair Station No. LSZR252X  
477 Sandau Rd. Hangar F  
San Antonio, Texas 78216 USA  
Phone: 210-979-6313

DATE: 7/26/2005  
A/C TSN: 2070 5  
TACH: 11 8

### Airframe Entries

Removed and reinstalled KS271 roll servo, p/n 065-0028-05, s/n 12361 after repair by Central Texas Avionics, Inc. under work order 4531.... Removed electric altitude gyro p/n RCA26AK-4, s/n 11G0385G and installed overhauled altitude gyro p/n RCA26AK-4, s/n 12D0223G, see Mid-Continent Instrument Co. FAA form 8130-3 dated 2/23/2005.... Repinned broken wire at KC295 flight computer P2951-D.... Interfaced JP Instruments EDM800 to Garmin GNS430 to display fuel information.... Removed original electric tachometer and hour meter. Current hour meter reading of 2070.5 total time. Installed new Electronics International Tachometer 1AW STC SA5824AM, as a direct replacement for original unit. New tach has built in hourmeter which was set to 11.8 hours to correspond to current engine TSMOH.... Removed and reinstalled KA285 annunciator p/n 065-0032-00, s/n 9328 after repair by AHR Aviation under work order 28619.... Removed and reinstalled KS270 pitch servo p/n 065-0027-04, s/n 10125 after repair by Central Texas Avionics, Inc under work order 4541.

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. \*Pertinent details of the repair are on file at this repair station under the referenced Work Order number.\*

DATE: 7/26/2005

SIGNED:

David Ortiz  
Certified Repair Station No. LSZR252X

Work Order: 2866-05-2005

Printed by EBIS 3 (datcomedia.com)

DATE

19

MAKE: MOONEY  
MODEL: M20K  
S/N: 25-0784  
REG. NO: N57055  
WORK ORDER  
3005-10-2005

## Lone Star Aero

Repair Station NO. LSZR252X  
477 Sandau Rd. Hangar F  
San Antonio, Texas 78216 USA  
Phone: 210-979-6313

DATE: 10/21/2005  
AC TSN: 2086.8  
TACH: 16.3

ions  
of  
es.)

## Airframe Entries

Completed Airframe Inspection IAW Mooney M20-K ANNUAL Inspection Guide Checklist, and FAR Part 43, Appendix D. Checked Flight controls and Landing gear system components for condition, security, proper operation and rigging. Lubed flight controls and landing gear. Gear down-lock preloads were. Both mains 280 in/lbs. and nose. Left 0.030" and right 0.035". Removed wheels and checked tires, brakes and bearings. Cleaned and repacked wheel bearings. Checked cabin tubular structure, spar and lower longerons for corrosion, checked ok. Replaced vacuum regulator filter p/n B3-5-1, due again next Annual. Lubed rough baggage door hold-open arm. Found CHT probe had missing nut securing wire. Installed wire back on probe and installed missing nut. Checked ok during run-up. Installed new left strobe light p/n 940148-501. Operational checked ok. Installed new right landing light p/n 4509. Operational checked ok. Removed loose paint, sanded edges. Cleaned and repainted dorsal fin damaged area. Installed new hose SCAT-10. Installed teflon tape on prop dome to fit spinner properly. Replaced ELT that had weak G-switch with same Model ELT 8.1, repaired unit. Checked new ELT/G switch as per FAR Part 91.207(d)(1-4), both checked ok. Installed same battery that is good until NOV. -2006. Removed oxygen bottle for Hydrostatic test. Installed tested oxygen bottle. Serviced and checked for leaks. Remaining Service life on bottle is two years. Removed bird nest and cleaned tail stinger area out. Installed o-rings MS28775-012, MS 28775-111, MS28775-112, and seal p/n 600-001-10 on left brake master cylinder. Cleaned and painted battery box. Adjusted elevator travel to be within limits. Complied with Mooney SB M20-289 on left brake master M20-289-000 using kit manufacturers instruction and hardware provided. Tighten bolt for elevators trim down-spring attach bracket. Replaced Electric fuel boost pump due to recommended service life expired. Installed O/H (OCT/13/2005) Pump p/n Weldon 10054A, s/n 02267. Checked pump for proper operation and leaks, checked ok. Could not comply at this time. Test box not available. C/W Mooney AD 85-24-03 part (b) replaced fuel cap o-rings p/n MS29513-338 and MS29513-010 (2 each), as per Mooney SB M20-229. AD due again next Annual. C/W Bendix AD 76-07-12 by functional test of ignition switch for proper operation, checked ok as per Bendix SB 583. AD due again next Annual. C/W Mooney SB M20-285A by inspection of stabilizer trim torque tube for scoring. Hardware on trim down spring attach point was installed correctly. C/W Mooney S1 M20-109, by checking torque on nose gear steering pivot bolt. Installed new shock disc p/n J-11968-14 on both mains and nose. Installed new bushings p/n 914007-005 on both mains. Installed new bushings 914007-005 and 914007-003 on nose. Installed new brake discs p/n RA164-02000 on left and right mains. Installed new brake pads p/n RA66-105 and rivets p/n RA105-2 on left and right. Installed new o-ring p/n MS28775-224 on left brake caliper. Bled brakes. Installed new nose wheel races p/n 08231 and bearings p/n 08125 on both sides. Adjusted nose pre-loads to Left .030" and right .035". Removed and replaced instrument main filter with part # D9-18-1. Next replacement time due again in 500 hrs /5 yrs. @ 516.3 hrs. tach time /Oct. -2010, which ever comes first. Checked AD compliance as per I Approach bi-weekly CD, dated 10-03-2005. No new AD's found at this time.

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under the referenced Work Order number.

DATE: 10/21/2005

SIGNED:

Leo Sarinana  
Certified Repair Station No. LSZR252X

Work Order: 3005-10-2005

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DATE 2005 <del>10-15</del>	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 Technician or Repair Facility. (See back pages for other specific entries.)
21NOV05	Tach 27.0			Resealed Left brake master cylinder with the following seals: 1ea M#28775-112 o-ring, 1ea M#28775-111 o-ring, 1ea M#28775-112 o-ring, 1ea 600-001-10 Loc-o-seal. Flushed & bled left brake system. Ops checks good. <i>Small</i> <del>AMP</del> 528022837
				Kenneth F. Tekut Aircraft Maintenance 602-558-5345

Reg. No. - N57055

# AIRFRAME

Date 5/15/2006

Removed propeller model# 2A34C216 serial# 791971. Reinstalled same propeller after  
resea. By Warner Propeller on Wo# 27562.

Pertinent details of this repair are on file under work order 09415.

TTAF

Tach

1223.0

**WESTWIND**

Westwind Aviation, Inc.

Authorized Signature

CRSWIWR604K

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 Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: MOONEY  
MODEL: M20K  
S/N: 25-0784  
REG #N57055

Sun Western Flyers, Inc.  
2095 E 32<sup>nd</sup> Street  
Yuma, AZ 85365  
(928) 726-0787

DATE: 7/03/06  
WO #R28316M  
TACH: 125.8

**FAA APPROVED REPAIR STATION EK1R572D**

Discrepancies:

CHANGED OIL AND FILTER. CUT FILTER OPEN AND FOUND CLEAN. SERVICED WITH 8 QUARTS AEROSHELL 15W50. REMOVED AND REPLACED FUEL BOOST PUMP WITH OVERHAULED P/N 10054A S/N 02267 RECEIVED FROM THE AVIATION GROUP, INC CRS# VGOR728L. REMOVED AND REPLACED FUEL PUMP WITH OVERHAULED S/N G288303B FROM APPROVED AIRCRAFT ACCESSORIES, INC CRS#US2R225L. REMOVE AND REPLACED MANIFOLD VALVE WITH OVERHAULED S/N G298302C FROM APPROVED AIRCRAFT ACCESSORIES, INC CRS# USR225L. SAFETIED FUEL DRAIN. SAFETIED PLUG. INSTALLED BAFFLE UNDER FUEL PUMP.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

INSP

1

DATE 7-13-06

DATE 2006 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 Technician or Repair Facility. (See back pages for other specific entries.)
11-14-06	163.5		20868	checked E.L.T. IAW 91.207(D) CW BINDIX AD 76-07-12 Function Test. Removed All Isp. Panels inspected All Aileron Elevator + rudder TUBES For damage. This ACFT WAS INSPECTED IAW AN AN441/100 HR $\pm$ MSP. AND FOUND TO BE AIR WORTHY AT THIS TIME. J.R. [signature] JAN 65 W/ 28357004
3-16-07	247.9			REPLACED LEFT BATTERY WITH PN BP1020 NEXT DUE 3-09 REPLACED VOLTAGE REGULATOR WITH PIN 07-00625 F. [signature] 283598501 ASA

DATE

19

RECORDING  
TACH  
TIMETODAYS  
FLIGHTTOTAL  
TIME IN  
SERVICE**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)DATE: 11 JUN 07 N#: 57055

I certify that the ATC transponder was tested (in aircraft) as required by FAR 91-413 and was found to comply with FAR 43 Appendix F.  
Reference Express Avionics Work Order: 1190

Wally  
Express Avionics LLC

CRS# XXZR035Y

~~Log book closed  
11-12-07  
See AD LOG FORM 1~~