

The Standard
AIRCRAFT LOG

ASA-SA-2

PRODUCTION ORDER NUMBER: 2019
MAULE MXT-7-180A 0-360 S/N21020C N448HW

INSIGNIA WHITE BASE (U-TECH)
RED STRIPE & "N" NUMBER (U-TECH)

IF CHANGE OF ADDRESS/OWNERSHIP PLEASE SEND NEW
ADDRESS WITH "N" NUMBER AND SERIAL NUMBER TO:

MAULE AIR, INC.
2099 GA HWY 133 SOUTH
MOULTRIE, GA 31768 USA

PH:1-912-985-2045
FX:1-912-890-2402

MANDATORY FOR CURRENT MAILING LIST FOR SL, SB,
AND AD NOTES. THANK YOU.

LYCOMING 0-360-C4F (D) or (O)

SENSENICH 76 EM 855-0-56

1997

Aircraft Record General Information

Manufacturer MAULE AIR, INC. Model MYT-7-180A
Serial 21020C Registration Number N448HW
Date of Manufacture 2ND QTR 1997

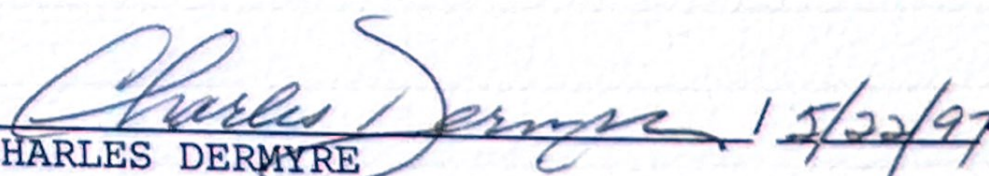

Engine(s) currently installed:

Manufacturer LYCOMING Model O-360-CAF Serial L35523-36A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH Model 76EM855-056
HUB Model _____ Serial 30968K Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

PRODUCTION # 2019

DATE 19 <u>97</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.)
<u>05-22</u>	<u>1.6</u>		<u>1.6</u>	PITOT STATIC SYSTEM CHECK TO MAULE SPEC. S-26. TRANSPONDER CHECK TO FAR 91.411. ELT/EBC-102A, S/N: _____ EBC-502, S/N: <u>203046GC</u> REPLACE BATTERY. <u>FEB. 1999</u> CECONITE FABRIC COVERING.  CHARLES DERYMYRE CHIEF INSPECTOR
<u>05-22</u>	<u>1.6</u>		<u>1.6</u>	PRODUCTION FLIGHT TEST COMPLETE <u>05-22-97</u> IN ACCORDANCE WITH FAR <u>21.157</u> . DATE FOUND SATISFACTORY. SIGNED:  LIC.: <u>1265257</u>

DATE 19 <u>97</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.)
05-22	1.6		1.6	MODEL: _____ REG.NO: _____ SER.NO: _____ <u>MKT-7-180A N448HW 21020C</u> . AIRCRAFT FINAL FLIGHT TEST COMPLETE DATE: <u>05-22-97</u> IN ACCORDANCE WITH FAR: <u>21.157</u> AIRCRAFT FOUND SATISFACTORY. SIGNED: <u>[Signature]</u> . LIC.: <u>1265257</u> .
05-22	1.6		1.6	I FIND THE AIRCRAFT MEETS THE REQUIREMENTS FOR CERTIFICATION REQUESTED AND HAVE ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED: <u>5/22/97</u> . THE NEXT ANNUAL INSPECTION IS DUE ON DATE: <u>5/22/98</u> . SIGNED: <u>[Signature]</u> CHARLES DERMYRE FAA, DMIR/ACE-1318

DATE 19 <u>98</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.)
2-5-98	98:2			Removed bad oil pressure gauge and installed new one of same kind, received from manufacturer. Ran engine, check for gauge operation & oil leak. Found to be satisfactory Returned aircraft to service this date S. A. Smith IA 1246785
6-3-98	142:00	TTSN	100	100 hour inspection completed this date - all inspection covers removed - check all controls & lub. Check all cables & pulleys - Clean & re-grease all wheel bearings - Re torque prop & re safety inspection IAW manufacturer 100 hour inspection forms. A/c washed & returned to service. All AD's up thru 97-26-14. See AD Compliance Record in back of A/c log book S. A. Smith IA 1246785

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 Technician or Repair Facility. (See back pages for other specific entries.)
				<p>I CERTIFY THAT THE AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AT <u>142:00</u> HOURS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><u>J. D. Smith</u> <u>1A1246785</u> <u>6-3-98</u> INSPECTION AUTHORIZATION CERTIFICATE NO. DATE</p>
				<p><u>1/30/99</u></p> <p>REPLACED E13C-502 ELT BATTERIES (2) - NEXT REPLACEMENT DUE BY <u>NOV. 2000</u></p> <p><u>A. G. Walter</u></p>

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 Technician or Repair Facility. (See back pages for other specific entries.)
6/11/99	236.5			INSTALLED NEW GILL G35S BATTERY REPLACING IDENTICAL PREVIOUS INSTALLATION <i>A. G. Walter</i>
6/22/99	TTSN 237.2 Hours			100 HOUR INSPECTION COMPLETED ERIS DATE L.A.W MAULE MXP-7 100 HR / ANNUAL INSPECTION FORM. REMOVED ALL ACCESS COVERS, CK'D & LUBED ALL CONTROL CABLES, PULLEYS & BELLCRANKS, CLEAN & REPACKED ALL WHEEL BEARINGS, INSPECTED GAS COLLECTOR'S FUEL DRAINAGE PUMPS SCREENS, CK'D PROPER CONTROL DEFLECTION, ALL AD'S C.W. & UP TO DATE. A/C RETURNED TO SERVICE ERIS DATE _____ _____ BRUNO SCOTERIANUS A&P 48865367 _____
				I CERTIFY THAT THE AIRCRAFT HAS BEEN IN- SPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AT <u>237.2</u> HOURS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>S. A. Smith</i> 171246785 <u>6-22-99</u> INSPECTION AUTHORIZATION CERTIFICATE NO. DATE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be Technician or
19				
DATE	6-5-00	NEXT DUE	6-5-02	
STATIC PRESSURE SYSTEM CHECKED, AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH PART 43 APPENDIX E (a).				
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TEST REQUIRED BY FAR 91.411 LAW FAR 43, APPENDIX "E"				
PARA (c) <u>Narco</u>				
ATC TRANSPONDER TEST AND INSPECTIONS, AS REQUIRED BY FAR 91.413, IN ACCORDANCE WITH FAR 43, APPENDIX "F", HAVE BEEN PERFORMED.				
TRANSPONDER MODEL <u>KT 26A</u> S/N <u>11205</u>				
ALTIMETER (S) TESTED AS REQUIRED BY FAR 91.411 LAW FAR 43, APPENDIX "E", PARA (b).				
PILOT'S <u>United</u>				
S/N <u>690767</u>				
TESTED TO <u>18,000</u> FEET				

SCALE CORRECTIONS	
Altimeter Reads	ADD Algebraically Room Temp. °C
0	-10
1000	-10
2000	0
3000	-20
4000	-10
6000	-30
8000	-50
10000	-30
12000	-10
14000	0
16000	+10

ALTIMETER No	
Altimeter Reads	ADD Algebraically Room Temp. °C
18000	-10
20000	
25000	
30000	
MANF.	<u>United</u>
P.N.	<u>↑</u>
S.N.	<u>690767</u>

TESTED BY - HR5R919M DATE - 6-5-00

DATE 6-5-00
 LAMP AVIATION SERVICE, INC.
 FAA-APPROVED REPAIR STATION HR5R919M
 257 AIRPORT RD., CARROLLTON, OH 44615

Gene J...
 2357474

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 Technician or Repair Facility. (See back pages for other specific entries.)
6-8 2000				<p>replaced rt. Aux fuel tank TRANS. gasket. c/w SB 59 Horizontal STAB STRUTS by removal and inspection. c/w SB 61 by replacing door hinge bolts. AD 2000-09-06 Nico-press SLEEVES SB 20 c/w 1-6-00. MAIN FUEL STRAINER and AUX fuel Pumps FILTERS CLEANED. relined brakes. CONTROLS lubed c/w 91.207 ELT BATTERIES due replacement 11-2000. FUNCTIONAL run-up CHECK is O.K. Date <u>6-8-2000</u> Total Time <u>317.7</u></p> <p>c/w SB NO 62 STEERING yoke is OK PLACARD INSTALLED</p> <p>I Certify this <u>AIRCRAFT</u> has been inspected in accordance with an annual 100-hour inspection and has been found to be airworthy. A.D.'s checked through bi-weekly card <u>2000-10</u> "see A.D. note listing"</p> <p><u>Leon Lamp</u> Leon Lamp 1852954A</p>

DATE

2001
19

3/05/01

Altimeter Calibration Record HA412
Hamilton Avionics, Ltd.
FAA Repair Station H04R608Y

Altimeter S/N 390397

Test Point	Correction	Test Point	Correction
-1,000	-10	10,000	-60
0	0	12,000	-40
500	+10	14,000	-30
1,000	+10	16,000	0
1,500	+10	18,000	0
2,000	0	20,000	0
3,000	+10	22,000	X
4,000	0	25,000	
6,000	+10	30,000	
8,000	-30	35,000	

Date 3/5/01 Inspector [Signature]

Inspections, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

INSPECTION REQUIRED BY
AND FOUND TO COMPLY WITH

DATE 3/05/01

FAA S/N 112057

S/N —

REPAIR STATION UNDER

3/05/01

[Signature]

REPAIR STATION # H04R608Y

FAR 91.411 HAVE BEEN PERFORMED AND MEETS SPECIFICATIONS.

HA420

ALTIMETER(s): STATIC SYSTEM TEST DATE 3/05/01

LS/N 390397 FT. 20,000

RS/N — FT. —

ENCODER(s):

#1 S/N MARCO FT. 20,000

#2 S/N — FT. —

INSPECTOR SIGNATURE [Signature] DATE 3/05/01

HAMILTON AVIONICS, LTD, HAMILTON, OH, REPAIR STATION # H04R608Y

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 Technician or Repair Facility. (See back pages for other specific entries.)
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J&J Aviation Inc.
2900 Bobmeyer Road
Hamilton, Ohio 45015

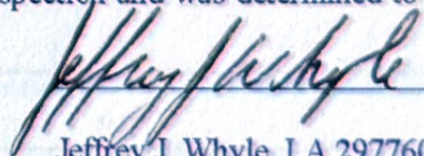
Maule

Date **6-21-2001**
N448HW
MXT-7-180A

SN: 21020C

Total Time Airframe: **609.5 Hrs**
Tach: **609.5 Hrs**

Completed an Annual Inspection of this aircraft airframe on this date. AD98-15-18 is N/A, all the wing struts are sealed assemblies. Replaced the ELT battery with 1ea GS 52 Battery. Battery expires July, 2003. Complied with FAR 91.207 para (d), ELT inspection. ELT and all components are okay by inspection. Replaced the engine air inlet filter with 1ea BA-6110 Filter Assembly in accordance with STC #SA71GL and installation instructions. See FAA Form 337 this date for details. Replaced all the brake linings with 1ea RA66-105 Linings. Replaced vacuum filters with 1ea RAD9-18-1 and 1ea RAB3-5-1 Filters. Removed both exhaust mufflers and all risers and sent to Aerospace Welding Minneapolis for repairs. See Maintenance Releases and Work Orders in the back of the logbook for details. Replaced the right strobe light Flash tube with 1ea A610 Flash Tube. Replaced the left landing light with 1ea GE4509 Bulb. Serviced and charged aircraft battery. Lubed all control surface hinge points. Cleaned fuel strainer. Cleaned and greased all wheel bearings. Run up check okay. No leaks noted. I certify that this aircraft airframe has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.-END-


Jeffrey J. Whyte I.A.297760788

Elite Aviation
Tach: **826.1 Hrs**

2820 Bobmeyer Road Hamilton, Ohio 45015

N448HW

Maule

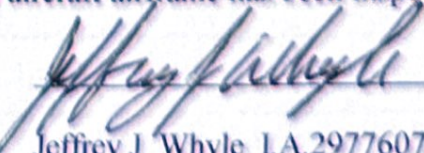
MXT-7-180A

SN: 21020C

Total Time Airframe: **826.1 Hrs**

Date **5-15-2002**

Completed an Annual Inspection of this aircraft airframe on this date. Complied with FAR 91.207 para (d), ELT inspection. ELT and all components are okay by inspection. Replaced the engine air inlet filter with 1ea BA-6108 Filter. Replaced vacuum regulator filter with 1ea RAB3-5-1 Filter. Removed both exhaust mufflers and tailpipes and repositioned for better fit. Replaced the right tailpipe shroud with 1ea 5552-1 Shroud Shell. Cleaned corrosion on battery tray and painted with acid proof paint. Cleaned surface corrosion on the upper sides of the wing struts and primed and painted areas. Cleaned, primed and painted corrosion on the right wing leading edge near the tip. Replaced the main tires and tubes with 2ea 7.00-6 6Ply Flight Custom III Tires and 2ea 092-318-0 Tubes. Fitted, drilled, primed, painted and installed 1ea 4087 Fairing on the left landing gear strut. Replaced both cabin door lower hinge bolts and all baggage door hinge bolts with 6ea AN3-5 Bolts. Serviced and charged aircraft battery. Lubed all control surface hinge points. Cleaned fuel strainer. Cleaned and greased all wheel bearings. Bled brakes. Run up check okay. No leaks noted. I certify that this aircraft airframe has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.-END-


Jeffrey J. Whyte I.A.297760788

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 Technician or Repair Facility. (See back pages for other specific entries.)
May 9, 03		Amd	936 TT	<p>Wheels & Brakes checked. Control & Reverser checked. Bud work lubed. adjusted tension on airline cables. A/C Battery Serviced. AD¹³ checked this 2003-4.</p> <p>I CERTIFY THAT THIS <u>B1F</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>RVNUS</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><u>Wilbur Beck ADP1594383 AI</u></p>

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 Technician or Repair Facility. (See back pages for other specific entries.)
				<p>AeroGenesis I, LLC Date : 04/02/03 S.O.# : M03-000138 3121 Circle Drive W. Reg# : N448HW Type : Maule Capital City Airport Model : MXT-7-180A S/N : 21020C Lansing, MI 48906 Tach : 0947.8 Hobbs : N/A</p> <p>Altimeter S/N: 390397 was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, App. E. Transponder M/N: KT-76A S/N: 112057 was tested and complies with FAR 91.413 IAW FAR 43 App. F. Altitude reporting checked and complies with FAR 91.411 IAW FAR 43, App. E. Static system tested and complies with FAR 43, App. E. This aircraft air frame, aircraft engine or appliance identified on the work order was inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station.</p> <p>Date: <u>4/2/03</u> Signed: <i>Charles Cooper</i> For FAA approved repair station ECFR459D</p>
5-16-03		Tach	974.	<p>Installed standby vac system SVS-V STC SA 3683 NM. Weight change negligible, see 337 this date. Return to service, W. Beck RA 1594383 AI</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.)

Airframe logbook entry for N448HW. Dated 9/3/03. Hobbs = 1008.5. Complied with A.D. 98-15-18 by visual inspection of the wing lift struts to check for any signs of corrosion. (none found). Next inspection due 9/05.

Michael J. Sergeant

MICHAEL J. SERGEANT A&P461554273

Airframe Logbook Entry, N448HW Date: 17 Sept 03 Tach Reads 1015.5
 Cleaned and de-cowled engine. Lubricated all controls. Cleaned fuel screens. Removed
 Vac pump, installed new pump P/N AA3215CC, S/N N22566. Checked cable tension
 and control travels. Cleaned inspected, repacked and re-installed wheel bearings.
 Performed FAR91.207(d), next Battery replacement due Oct 05. Tested Fabric. Checked
 all ADs through this date. I certify that this aircraft has been inspected in accordance with
 an ANNUAL inspection and is approved for return to service at this time.

Michael J. Sergeant

Michael J Sergeant A/P 461554273 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1167 20-April-2004 WO# 2901 REF# 2901
 N448HW S/N 21020C MAULE MXT-7-180A

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1. REMOVED A BENDIX/KING KLX 135A GLOBAL POSITIONING SYSTEM (GPS) RECEIVER/COMMUNICATION (COMM) TRANSCIVER (XCVR) AND A KA92 GPS ANTENNA (ANT).
2. INSTALLED A GARMIN GNS430 GLOBAL NAVIGATION SYSTEM, A GARMIN GA56 GPS ANT, A COMANT CI1125 NAVIGATION (NAV) ANT DIPLEXER, AND A GARMIN GI106A NAV INDICATOR (IND).
3. THE GNS 430, PART NUMBER (P/N) 011-00280-10, SERIAL NUMBER (S/N) 97120017, WAS INSTALLED IN THE CENTER RADIO STACK LOCATION VACATED BY THE PREVIOUSLY REMOVED BENDIX/KING KLX 135A. INSTALLATION COMPLETED USING THE MANUFACTURER 400 SERIES INSTALLATION MANUAL, P/N 190-00140-02, REVISION (REV) L, DATED DECEMBER, 2002; AC 43.13-2A, PARAGRAPHS 21, 22, AND 23; AND AC 43.13-1B, PARAGRAPHS 11-30, 11-31, 11-32, 11-47, 11-48, 11-66, 11-76, 11-77, 11-89, AND 11-96; AND MEETS THE REQUIREMENTS OF AC 20-138. THE GNS430 IS MANUFACTURED UNDER TSO C129, CLASS A1, AND WAS ORIGINALLY APPROVED FOR INSTALLATION UNDER STC NUMBER SA00705WI, DATED OCTOBER 2, 1998.
4. THE GA56 GPS ANT, P/N 011-00134-00, S/N 5908845, WAS INSTALLED ON THE TOP FUSELAGE LOCATION VACATED BY THE PREVIOUSLY REMOVED KA92 GPS ANT, USING THE FACTORY PROVIDED ANT DOUBLER. INSTALLATION COMPLETED USING MANUFACTURER INSTRUCTION DOCUMENT, P/N 190-00094-00, REV E, DATED JUNE 19, 2003; AND AC 43.13-2A, PAR 38(B).
5. THE GI106A NAV IND, P/N 013-00049-01, S/N D04-10126, WAS INSTALLED IN THE PILOT INSTRUMENT PANEL LOCATION PROVIDED BY MAULE. INSTALLATION COMPLETED USING THE GARMIN GI102A/106A INSTALLATION MANUAL, P/N 190-00180-00, REV C, DATED APRIL, 2001; AC 43.13-2A, PARAGRAPHS 21, 22, AND 23; AND AC 43.13-1B, PARAGRAPHS 11-30, 11-31, 11-32, 11-47, 11-66, 11-76, 11-77, 11-89, AND 11-96. THE GI106A WAS INTERFACED TO THE GNS430 TO PROVIDE COURSE DEVIATION INDICATIONS.

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific ent
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1167 20-April-2004 WO# 2901 REF# 2901
 N448HW S/N 21020C MAULE MXT-7-180A

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6. THE CI1125 DUAL NAV/DUAL GLIDE SLOPE (GS) DIPLEXER, S/N 3110226, WAS MOUNTED BEHIND THE CO-PILOT INSTRUMENT PANEL ON EXISTING STRUCTURE, AND INTERFACED TO THE NAV SYSTEMS. INSTALLATION COMPLETED PER AC 43.13-2A PARAGRAPH 39(C), AND RAMP TESTED PER AC 43.13-1B, PARAGRAPHS 12-11 AND 12-14.

7. POST-INSTALLATION GROUND CHECKS WERE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER INSTALLATION MANUALS AND FOUND TO OPERATE PROPERLY.

8. WEIGHT AND BALANCE RECORDS AND EQUIPMENT LIST REVISED.

8. THE MAXIMUM CONTINUOUS ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL RATED CAPACITY PER AC 43.13-1B, PARAGRAPH 11-33.

9. A PLACARD STATING "GNS430 LIMITED TO VFR USE ONLY" WAS PLACED ON THE PILOT INSTRUMENT PANEL.

10. A GNS430 PILOT'S GUIDE AND A GNS430 QUICK REFERENCE GUIDE WERE PLACED IN THE AIRCRAFT RECORDS. AN FAA APPROVED FLIGHT MANUAL SUPPLEMENT (FMS) DATED 04-20-2004 WAS PLACED IN THE AIRCRAFT RECORDS. UPON COMPLETION OF A FLIGHT TEST EVALUATION IN ACCORDANCE WITH ADVISORY CIRCULAR AC20-138, PARAGRAPH 8C(2), AND AN AIRCRAFT LOGBOOK ENTRY MADE BY AN APPROPRIATELY RATED PILOT, THE PLACARD STATING "GNS430 LIMITED TO VFR USE ONLY" MAY BE REMOVED FROM THE PILOT INSTRUMENT PANEL.

11. AN OPERATIONAL FLIGHT TEST MUST BE PERFORMED BY AN APPROPRIATELY RATED PILOT WITH AT LEAST A PRIVATE PILOT CERTIFICATE AND ENTERED INTO THE AIRCRAFT RECORDS TO COMPLY WITH THE REQUIREMENTS OF FAR 91.407(B).

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1167 20-April-2004 WO# 2901 REF# 2901
 N448HW S/N 21020C MAULE MXT-7-180A

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12. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ARE ATTACHED AS ADDITIONAL SHEETS FOLLOWING BLOCK 8 OF THE FAA FORM 337 DATED 04-20-2004, AND ARE NOW PART OF THE AIRCRAFT'S INSPECTION AND MAINTENANCE REQUIREMENTS.

--- DATA FROM W&B # 196 DATED: APR-16-2004 -----
 FOLLOW EQUIPMENT REMOVED: KA92 KLX135A
 FOLLOW EQUIPMENT INSTALLED: CI1125 GA56 GI 106A GNS 430
 NEW EMPTY WEIGHT: 1482.50
 NEW C.G /ARM: 12.67
 NEW MOMENT: 18780.03
 NEW USEFUL LOAD: 917.50

MAINTENANCE RELEASE / RETURN TO SERVICE

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

Brady N. Verry 4-20-2004
 W1NR1050 BRADY N VERRY Date

I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS BEEN PERFORMED I/AW PART 43, APPENDIX E. THE ALTIMETER WAS TESTED TO 20K FEET BY

WINGS AVIONICS INC.
421 ERNEST LANCASTER DRIVE
FAYETTEVILLE AR 72701



CRS W1NR1050

W/O 2906

SIGNED [Signature]

DATE 04/14/2004

SCALE CORRECTIONS		ALT SERIAL # <u>390392</u>	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	-1020	12000	12000
0	-10	14000	14000
500	510	16000	15960
1000	1020	18000	17980
1500	1505	20000	19990
2000	2020	22000	X
3000	3020	25000	
4000	4000	30000	
6000	6035	35000	
8000	8000	40000	
10000	10000	45000	
		50000	

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED BY FAR 91.413 APPENDIX F OF FAR 43 HAS BEEN PERFORMED ON TYPE KT-76A S/N 112057



WINGS AVIONICS INC.
421 ERNEST LANCASTER DRIVE
FAYETTEVILLE AR 72701

CRS W1NR1050

W/O 2906

SIGNED [Signature]

DATE 04/14/2004

WINGS AVIONICS, INC. CRS W1NR1050
W.O. 2906 Date 04/14/2004
N 448HW Signed [Signature]

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date 5-7-2004 Model MXT-7-180A N 4484W

This aircraft has been flight tested in accordance with the requirements of FAR 91.407 (b) by an appropriately rated pilot with at least a private pilot certificate and the Avionics Installation was found to operate normally, safely, and in accordance with the manufacturer specifications.

[Signature]
Signature

402-72-3530
Certificate Number

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1171 07-May-2004 WO# 2901 REF# 2901
 N448HW S/N 21020C MAULE MXT-7-180A

Pg 1 / 1

1. EVALUATED GARMIN GNS430 GLOBAL POSITIONING SYSTEM, PREVIOUSLY INSTALLED FOR VFR USE ONLY, AND FOUND THE GPS TO MEET THE REQUIREMENTS OF TSO C129 (A1), AC 20-138, AND IS APPROVED FOR IFR ENROUTE, TERMINAL, AND NON-PRECISION APPROACH OPERATIONS. AN FAA APPROVED FLIGHT MANUAL SUPPLEMENT (FMS), DATED 04-20-2004, HAS BEEN APPROVED AND MUST REMAIN IN THE AIRCRAFT AT ALL TIMES. THE PLACARD STATING "GPS LIMITED TO VFR USE ONLY" HAS BEEN REMOVED FROM THE PILOT INSTRUMENT PANEL. FOR MORE INFORMATION, SEE FAA FORM 337, DATED 04-20-2004.***END***

MAINTENANCE RELEASE / RETURN TO SERVICE

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

402723535

LARRY WOODROFF

Date

Logbook Entry N 448HW Tach: 1075.9 Date: 16 July 04.
 Removed forward floor and carpeting, inspected brake mounting tabs per Service bulletin No. 24, no cracks or defects noted. Removed cowling and tail pipe assemblies for compliance with Service Bulletin No. 23, no elongation of holes, wear to pins or cracks detected, reassembled exhaust and re-installed cowlings.

Robert H. Dean A/P 162528784

DATE	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.)
19				

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050 LOG ID# 1250 09-July-2004 WO# 2979/1 REF# 2979 N448HW S/N 21020C MAULE MXT-7-180A TACH 1073.9	Pg 1 / 2
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**** ITEM # 2979-1 KX155 DISPLAY SEGMENTS UNLIT ****

DISCREPANCY: KX155 DISPLAY SEGMENTS UNLIT
 Model: KX-155 Part#: 069-1024-38 Serial#: 29299
 ACTION: BENCH TESTED KX155 AND VERIFIED CUSTOMER COMPLAINT. REMOVED DISPLAY AND INSPECTED. DISPLAY BURNT INTERNALLY. INSTALLED NEW DISPLAY P/N 037-00073-0000 AND REASSEMBLED. BENCH TESTED DISPLAY AND ALLOWED UNIT TO OPERATED FOR EIGHT HOURS TO VERIFY NO DISPLAY FAILURES. UNIT OPERATES NORMALLY.

**** ITEM # 2979-2 ADJUST AUDIO PANEL MIC GAIN ****

DISCREPANCY: ADJUST AUDIO PANEL MIC GAIN. PILOT REPORTS OVERSENSITIVE MIC AND EXCESSIVE WIND NOISE.
 Model: PMA6000M Serial#: T03263-K02679M
 ACTION: CHECKED AUDIO PANEL MAINTENANCE MANUAL AND CALLED PS ENGINEERING. FOUND NO ADJUSTMENT POSSIBLE.

**** ITEM # 2979-3 REPAIR TACH ****

DISCREPANCY: REMOVE TACH AND SEND FOR REPAIR. GLASS CRACKED.
 Model: 98480-24 Part#: D1-112-5024 Serial#: 1672
 ACTION: TACHOMETER GLASS CRACKED. REMOVED TACH S/N 1672, AND SENT TO MITCHELL AIRCRAFT PRODUCTS FOR FACTORY REPAIR. RETURNED SAME TACH TO AIRCRAFT AND RAMP TESTED OPERATION. CURRENT TACH READING: 1073.9

**** ITEM # 2979-4 CHECK AUDIO BLEEDOVER ON 1/2 FUNCTION ****

DISCREPANCY: CHECK AUDIO BLEEDOVER ON SPLIT COMM FUNCTION.
 Model: PMA6000M Serial#: T03263-K02679M

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Installed Micro Vortex Generators per
 STC #SA00170SE. Refer to Form 337
 this date: Aug 30 2004

Michael D. Sergeant AEP 4161554273
TEST FLEW AIRPLANE PER STC
NO ADVERSE FLIGHT CHARACTERISTICS
NOTED J. D. W. H. 402-72-3530

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

Airframe Logbook Entry, N448HW Date: 8 Sept 04 Tach Reads 1103.0
 Cleaned and de-cowled engine. Lubricated all flight controls. Cleaned fuel screens.
 Removed nose tire, installed new Goodyear Flight Custom III 6.00x6 tire. Checked cable
 tension and control travels. Cleaned, inspected, re-packed and re-installed wheel
 bearings. Performed FAR91.207(d), next Battery replacement due Oct 05. Tested Fabric.
 Checked all ADs through this date. I certify that this aircraft has been inspected in
 accordance with an ANNUAL inspection and is approved for return to service at this

Robert H Dean
 time:
 Robert H Dean A/P 162528784 IA



DATE	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.)
2006				
6-15-06				VADAVE G430 - Jeep - ^{775 Pro} Larry Woodruff 402-72-3530

Airframe Logbook Entry, N448HW Date: 19 Oct 06 Tach Reads 1162.2
 Cleaned and de-cowled engine. Lubricated all flight controls. Cleaned fuel screens.
 Checked cable tension and control travels. Cleaned, inspected, re-packed and re-installed
 wheel bearings. Performed FAR91.207(d), next Battery replacement due Oct 07. Tested
 Fabric. Checked all ADs through this date. I certify that this aircraft has been inspected in
 accordance with an ANNUAL inspection and is approved for return to service at this


 Robert H Dean A/P 162528784 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1770 03-April-2006 WO# 3548 REF# 3548
 N448HW S/N 21020C MAULE MXT-7-180A

Pg 2 / 2

DISCREPANCY: REPAIR STATIC SYSTEM-EXCEEDS STATIC LEAK REQUIREMENTS FOR FAR 91.411 COMPLIANCE.
 Model: NA Part#: NA Serial#: NA
 ACTION: TROUBLESHOT STATIC SYSTEM LEAKS AND TRACED PROBLEM TO FAULTY STATIC HOSE CONNECTIONS AT FLIGHT INSTRUMENTS. REMOVED STATIC HOSE FROM AIRSPEED, ALTIMETER, VSI, AND STATIC TEE FITTINGS. REMOVED STRETCHED SECTION OF STATIC HOSE FROM EACH FLIGHT INSTRUMENT, REINSTALLED STATIC HOSE ON EACH INSTRUMENT STATIC FITTING, AND SECURED STATIC HOSES. RETESTED STATIC SYSTEM AND FOUND LEAK TEST IN COMPLIANCE WITH FAR 91.411 REQUIREMENTS.

Brady Terry
 W1NR1050 BRADY TERRY Date

DATE
RECORDING
TACH
TIME
TODAY'S
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 cover for details)

I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS BEEN PERFORMED I/AW PART 43, APPENDIX E. THE ALTIMETER WAS TESTED TO 20K FEET BY



WINGS AVIONICS INC
421 ERNEST LANCASTER DRIVE
FAYETTEVILLE AR 72701

CRS W1NR1050

W/O 3548

SIGNED Byll. Jy

DATE 4-3-2006

SCALE CORRECTIONS		ALT SERIAL #	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	-1010	12000	11970
0	10	14000	13970
500	510	16000	15980
1000	1000	18000	17980
1500	1500	20000	20000
2000	2000	22000	
3000	3000	25000	
4000	4000	30000	
6000	6020	35000	
8000	7970	40000	
10000	9970	45000	
		50000	

WINGS AVIONICS, INC.
W.O. 3548 Date 4-3-2006
N 448HW Signed Byll. Jy

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED BY FAR 91.413 APPENDIX F OF FAR 43 HAS BEEN PERFORMED ON TYPE King KT76A S/N 11257

CRS W1NR1050

W/O 3548

SIGNED Byll. Jy

DATE 4-3-2006

DATE

19

Wings Avionics,
LOG ID# 1938
N448HW S/N

1. REMOVED AN R
2. INSTALLED A
3. THE SIGMA-TE
INSTALLED IN THE
INSTALLATION ELIC
4. INSTALLED A S
01260-14-014, S/
SERVO, S/N 0706-2
TRANSDUCER, S/N C
INSTALLATION DOCU
INSTALLATION INFO
CERTIFICATE NUMBE
5. AN FAA/DAS AP
FLIGHT MANUAL, P
6. WEIGHT AND BA
7. AN OPERATIONA
PRIVATE PILOT CER
FAR 91.407(B).

DATE

19__

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 1938 07-March-2007 WO# 3816 REF# 3816
 N448HW S/N 21020C MAULE MXT-7-180A TACH 1164.2

Pg 2 / 2

8. S-TEC INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, P/N 8198, REVISION 3, ARE ATTACHED AS ADDITIONAL SHEETS FOLLOWING BLOCK 8 OF THE FAA FORM 337 DATED 03-07-2007, AND ARE NOW PART OF THE AIRCRAFT'S INSPECTION AND MAINTENANCE REQUIREMENTS.

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

Brad N. Terry 3-7-2007
 W1NR1050 BRADY N TERRY Date

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050

LOG ID# 1939 07-March-2007 WO# 3816 REF# 3816

N448HW S/N 21020C MAULE MXT-7-180A TACH 1164.2

Pg 2 / 2

ADDITIONAL SHEETS FOLLOWING BLOCK 8 OF THE FAA FORM 337 DATED 03-07-2007, AND ARE NOW PART OF THE AIRCRAFT'S INSPECTION AND MAINTENANCE REQUIREMENTS.

MAINTENANCE RELEASE / RETURN TO SERVICE

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

Brady N Terry 3-7-2007
W1NR1050 BRADY N TERRY Date

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050

LOG ID# 1940 07-March-2007 WO# 3816 REF# 3816

N448HW S/N 21020C MAULE MXT-7-180A

Pg 1 / 1

**** ITEM # 3816-3 REPLACE LOOSE RIVETS ON COM ANT DOUBLERS ****

DISCREPANCY: REPLACE LOOSE RIVETS ON COM ANT DOUBLERS

MODEL: N/A PART#: MS20470AD-3-3 SERIAL#: N/A

ACTION: VISUAL INSPECTION FOUND ALL RIVETS ON BOTH COMM ANTENNA DOUBLERS LOOSE. REMOVED ALL RIVETS FROM BOTH COMM ANTENNA DOUBLERS AND REPLACED WITH NEW MS20470AD-3-3 RIVETS. REMOVED PAINT FROM ANTENNA MOUNTING FOOTPRINT AREA AND TREATED ALUMINUM WITH ALODINE TO IMPROVE ANTENNA GROUND BOND TO SKIN. INSTALLED BOTH ANTENNAS WITH ORIGINAL HARDWARE AND EDGE SEALED. RAMP TESTED BOTH COMM RADIOS FOR PROPER OPERATION.

MAINTENANCE RELEASE / RETURN TO SERVICE

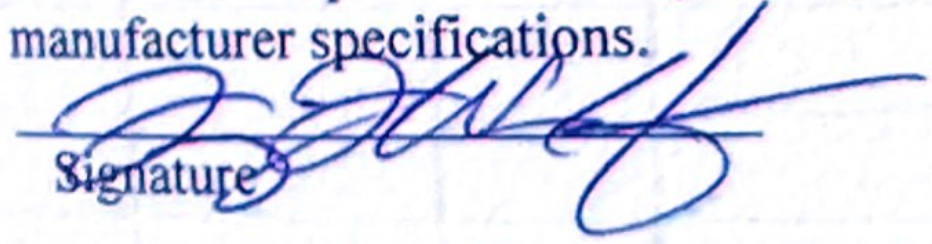
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

Brady N Terry 3-7-2007
W1NR1050 BRADY N TERRY Date

ns
f
s.)

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date 3-8-2007 Model MAXI 800A N 44874W
This aircraft has been flight tested in accordance with the
requirements of FAR 91.407 (b) by an appropriately rate pilot with
at least a private pilot certificate and the AVIONICS INSTALLATION
was found to operate normally, safely, and in accordance with the
manufacturer specifications.

Signature 

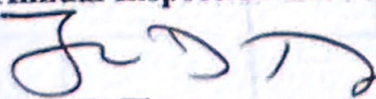
402723530
Certificate Number

DATE	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.)
19				

Date: 10-18-2007

Maule MXT-7-180A

Annual Inspection: Inspected Airframe, Empennage/Fuselage, Controls and Surfaces (checked cable tensions and control travels), Landing Gear, Electrical, Placards, Interior, Doors, Windows, Seat Assemblies. Inspected ELT assembly in accordance with FAR 91.207(d), next ELT battery replacement due 10-2009. Removed wheels, cleaned, inspected and packed all wheel bearings. Lubricated aircraft in accordance with manufactures recommendations. Installed new vacuum regulator filter P/N B3-5-1 and vacuum source filter P/N D9-18-1. Drained oil and removed oil filter. Inspected contents, no abnormalities found. Installed new oil filter P/N CH48110-1 and serviced engine with 8 quarts Aeroshell 15W50 oil. Checked compression (Results: #1 75/80, #2 75/80, #3 72/80, #4 74/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. The engine was ground operated for ops. and leak check, no leaks found. Inspected prop for security general condition. Checked AD's through Bi-Weekly 2007-21. I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.



John D. Thompson
AP442769576IA

N488HW

1182.2 Hobbs / 1182.2 ACTT
S/N 21020C

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 28-Jan-2008

Maule MXT-7-180A

N488HW

1184.3 Tach / 1184.3 ACTT

S/N 21020C

Removed aircraft battery. Installed new Gill, P/N G-35M, S/N G02374171. Serviced with Gill battery acid.
 Performed ops check, ok.


 Dustin E. Thompson
 AP3040566

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 2208 06-March-2008 WO# 4108 REF# 4108
 N448HW S/N 21020C MAULE MXT-7-180A TACH 1185.7

Pg 1 / 2

1. REMOVED A GARMIN GA56 GLOBAL POSITIONING SYSTEM (GPS) ANTENNA (ANT), PART NUMBER (P/N) 011-00134-00, SERIAL NUMBER (S/N) 59092323, AND INSTALLED A GARMIN GA35 GPS/WIDE AREA AUGMENTATION SYSTEM (WAAS) ANT.
2. THE GA35 GPS/WAAS ANT, PART NUMBER (P/N) 013-00235-00, SERIAL NUMBER (S/N) 32859, WAS INSTALLED ON THE TOP F SELAGE LOCATION VACATED BY THE PREVIOUSLY REMOVED GPS ANT, AND INTERFACED TO THE GARMIN GN430W GPS INPUT. INSTALLATION COMPLETED USING SUPPLEMENTAL TYPE CERTIFICATE (STC) NUMBER SA01695SE, DATED AUGUST 31, 2006, WITH AN AMMENDED DATE OF FEBRUARY 15, 2007; AND THE FAA APPROVED MODEL LIST (AML) FOR STC SA01695SE, DATED AUGUST 31, 2006.
3. POST-INSTALLATION GROUND CHECKS WERE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER INSTALLATION MANUAL AND FOUND TO OPERATE PROPERLY.
4. WEIGHT AND BALANCE RECORDS AND EQUIPMENT LIST REVISED.
5. FACTORY SUPPLIED GA ANTENNA SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, DOCUMENT NUMBER 190-00673-01, REVISION F, DATED AUGUST 27, 2007, ARE ATTACHED AS ADDITIONAL SHEETS FOLLOWING BLOCK 8 OF THE FAA FORM 337 DATED 03-06-2008, AND ARE NOW PART OF THE AIRCRAFT'S INSPECTION AND MAINTENANCE REQUIRMENTS.

MAINTENANCE RELEASE / RETURN TO SERVICE

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

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 2208 06-March-2008 WO# 4108 REF# 4108
 N448HW S/N 21020C MAULE MXT-7-180A TACH 1185.7

Pg 2 / 2

Brady N. Terry 3-6-2008
 W1NR1050 BRADY N TERRY Date

ations
number of
entries.)

DATE	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.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
LOG ID# 2207 06-March-2008 WO# 4108 REF# 4108
N448HW S/N 21020C MAULE MXT-7-180A TACH 1185.7 Pg 1 / 2

1. REMOVED A GARMIN GNS430 GLOBAL NAVIGATION SYSTEM, PART NUMBER (P/N) 011-00280-10, SERIAL NUMBER (S/N) 97120017, PREVIOUSLY INSTALLED UNDER FAA FORM 337 DATED 04-20-2004, AND RETURNED TO GARMIN INTERNATIONAL FOR GNS430W WIDE AREA AUGMENTATION SYSTEM (WAAS) UPGRADE.
2. THE GNS430W GLOBAL NAVIGATION SYSTEM, PART NUMBER (P/N) 011-01060-40, SERIAL NUMBER (S/N) 97120017, WAS INSTALLED USING SUPPLEMENTAL TYPE CERTIFICATE (STC) NUMBER SA01933LA, DATED NOVEMBER 6, 2006, WITH AN AMMENDED DATE OF NOVEMBER 20, 2007; USING AN APPROVED MODEL LIST (AML) FOR STC NUMBER SA01933LA, DATED NOVEMBER 6, 2006.
3. A GARMIN GNS400W SERIES PILOT'S GUIDE, P/N 190-00357-00, REV B; A GNS400W SERIES QUICK REFERENCE GUIDE, P/N 190-00357-01, REV B; A GARMIN 400W/500W SERIES OPTIONAL DISPLAYS PILOT'S GUIDE ADDENDUM, P/N 190-00356-30, REV B; AND A GARMIN 400W/500W SERIES DISPLAY INTERFACES PILOT'S GUIDE ADDENDUM, P/N 190-00356-31, REV B, WERE PLACED IN THE AIRCRAFT RECORDS. THE EXISTING GNS430 FLIGHT MANUAL SUPPLEMENT DATED 04-20-2004 HAS BEEN REMOVED FROM THE AIRCRAFT RECORDS; AND A FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED GNS430W APPROVED FLIGHT MANUAL SUPPLEMENT (AFMS), P/N 190-00356-03, REV A, DATED NOVEMBER 20, 2007, WAS PLACED IN THE AIRCRAFT RECORDS.
4. THE MAXIMUM CONTINUOUS ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL RATED CAPACITY PER AC 43.13-1B, PARAGRAPH 11-33.
5. WEIGHT AND BALANCE RECORDS AND EQUIPMENT LIST REVISED.
6. POST-INSTALLATION GROUND CHECKS WERE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER INSTALLATION MANUALS AND FOUND TO OPERATE PROPERLY.

12

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 2207 06-March-2008 WO# 4108 REF# 4108
 N448HW S/N 21020C MAULE MXT-7-180A TACH 1185.7

Pg 2 / 2

7. AN OPERATIONAL FLIGHT TEST MUST BE PERFORMED BY AN APPROPRIATELY RATED PILOT WITH AT LEAST A PRIVATE PILOT CERTIFICATE AND ENTERED INTO THE AIRCRAFT RECORDS TO COMPLY WITH THE REQUIREMENTS OF FAR 91.407(B).

8. FACTORY SUPPLIED GARMIN 400W SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, DOCUMENT NUMBER 190-00356-65, REVISION A, DATED NOVEMBER 3, 2006, ARE ATTACHED AS ADDITIONAL SHEETS FOLLOWING BLOCK 8 OF THE FAA FORM 337 DATED 03-06-2008, AND ARE NOW PART OF THE AIRCRAFT'S INSPECTION AND MAINTENANCE REQUIREMENTS.

MAINTENANCE RELEASE / RETURN TO SERVICE

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

Brady N. Terry 3-6-2008
 W1NR1050 BRADY N TERRY Date

I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS BEEN PERFORMED I/AW PART 43, APPENDIX E. THE ALTIMETER WAS TESTED TO 20,000 FEET BY



WINGS AVIONICS INC.
421 ERNEST LANCASTER DRIVE
FAYETTEVILLE AR 72701

CRS W1NR1050

W/O 4108

SIGNED [Signature]

DATE 3-6-2008

SCALE CORRECTIONS		ALT SERIAL #	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	-1015	12000	12025
0	0	14000	14020
500	495	16000	15995
1000	1005	18000	17980
1500	1500	20000	19980
2000	2005	22000	
3000	3005	25000	
4000	4000	30000	
6000	6020	35000	
8000	7998	40000	
10000	9990	45000	
		50000	

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED BY FAR 91.413 APPENDIX F OF FAR 43 HAS BEEN PERFORMED ON TYPE Bendix/King p/n 066-1062-00 SIN 112057

CRS W1NR1050

W/O 4108

SIGNED [Signature]

DATE 3-6-2008

WINGS AVIONICS, INC.

W.O. 4108

N 448AW

Date

Signed

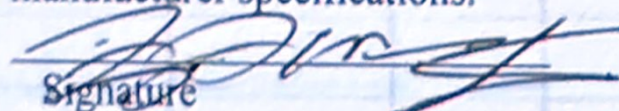
CRS W1NR1050

3-6-2008

[Signature]

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date 3-6-2008 Model MXT-7-180A N 448HW
 This aircraft has been flight tested in accordance with the requirements of FAR 91.407 (b) by an appropriately rate pilot with at least a private pilot certificate and the GNS430WAS was found to operate normally, safely, and in accordance with the manufacturer specifications.


 Signature

402723530
 Certificate Number

Date: 10-Oct-2008

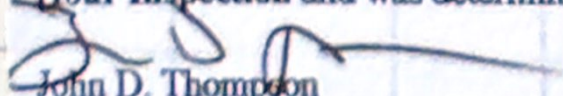
N488HW

1196.0 TSN / 1196.0 Tach

Lycoming O-360-C4F

S/N L35523-36A

100 Hour Inspection: Drained oil and removed oil filter. Inspected contents, no abnormalities found. Installed new oil filter P/N CH48110-1 and serviced engine with 8 quarts Aeroshell 15W50 oil. Replaced engine air filter with BA-8106. Checked compression (Results: #1 66/80, #2 74/80, #3 78/80, #4 75/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. The engine was ground operated for ops. and leak check, no leaks found. Checked AD's through Bi-Weekly 2008-20. I certify that this Engine has been inspected in accordance with a **100 Hour Inspection** and was determined to be in an airworthy condition.


 John D. Thompson
 AP442769576

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.)

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050

LOG ID# 2456 07-May-2009 WO# 4471 REF# 4471

N448HW S/N 21020C MAULE MXT-7-180A TACH 1206.1

Pg 1 / 1

**** ITEM # 4471-1 UPDATE GNS430W SOFTWARE ****

DISCREPANCY: UPDATE GNS430W OPERATING SOFTWARE.

Model: GNS430w Part#: 011-01060-40 Serial#: 97120017

ACTION: UPDATED THE GARMIN GNS430W GLOBAL NAVIGATION SYSTEM P/N 011-01060-40, S/N 97120017, FROM MAIN SOFTWARE VERSION 3.10 TO MAIN SOFTWARE VERSION 3.20. UPDATED THE GPS SOFTWARE FROM VERSION 3.11 TO GPS SOFTWARE VERSION 3.2. PERFORMED ON-AIR RAMP TEST AND FOUND ALL FUNCTIONS OPERATIONAL. WORK ACCOMPLISHED IN ACCORDANCE WITH GARMIN SERVICE BULLETIN NUMBER 0848, REVISION B, DATED 03-20-2009.

MAINTENANCE RELEASE / RETURN TO SERVICE

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

Brady N Terry 5-7-2009

W1NR1050 BRADY N TERRY

Date

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 1-Nov-2009 N488HW 1213.9 Tach / 1213.9 ACTT
 Maule MXT-7-180A S/N 21020C

Annual Inspection: Inspected Airframe, Empennage/Fuselage, Controls and Surfaces, Landing Gear, Electrical, Placards, Interior, Doors, Windows, Seat Assemblies. Inspected ELT assembly in accordance with FAR 91.207(d), replaced E.L.T. battery with new GS-52 next ELT battery replacement due 12-2011. Removed wheels, cleaned, inspected and packed all wheel bearings. Lubricated aircraft in accordance with manufactures recommendations. Installed new vacuum regulator filter P/N B3-5-1 and vacuum source filter P/N D9-18-1. Drained oil and removed oil filter. Inspected contents, no abnormalities found. Installed new oil filter P/N CH48110-1 and serviced engine with 8 quarts Aeroshell 15W50 oil. Replaced engine air filter with BA-8106. Checked compression (Results: #1 71/80, #2 70/80, #3 78/80, #4 72/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. Complied with A.D. 2008-24-02 (Color code Rudder control cables). Checked AD's through Bi-Weekly 2009-22. I certify this Aircraft has been inspected in accordance with F.A.R. part 43 appendix (D). Annual Inspection Requirements, and was determined to be in airworthy condition at this time.


 Dustin E. Thompson
 AP30405661A

Date: 1-Nov-2009 N488HW 1213.9 Tach / 1213.9 TSN
 Sensenich 76EM8S50-56 S/N 30968K

100 Hour Inspection: Inspected prop for security general condition. Checked AD's through Bi-Weekly 2009-22. I certify this Propeller has been inspected in accordance with F.A.R. part 43 appendix (D). 100Hr. Inspection Requirements, and was determined to be in airworthy condition at this time.


 Dustin E. Thompson
 AP3040566

I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS BEEN PERFORMED I/AW PART 43, APPENDIX E. THE ALTIMETER WAS TESTED TO 20,000 FEET BY



WINGS AVIONICS INC.
421 ERNEST LANCASTER DRIVE
FAYETTEVILLE AR 72701

CRS W1NR1050
W/O 4789
SIGNED [Signature] DATE 03-05-10

SCALE CORRECTIONS		ALT SERIAL # <u>390392</u>	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	-1010	12000	11940
0	-10	14000	13940
500	500	16000	15960
1000	1000	18000	17950
1500	1490	20000	19960
2000	1990	22000	
3000	2990	25000	
4000	3980	30000	
6000	5970	35000	
8000	7950	40000	
10000	9960	45000	
		50000	

WINGS AVIONICS, INC. CRS W1NR1050
W.O. 4789 Date 03-05-10
N 448HW Signed [Signature]

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED FAR 91.413 APPENDIX F OF FAR 43 HAS BEEN PERFORMED TYPE KT76A S/N 11205

CRS W1NR1050
W/O 4789
SIGNED [Signature]
DATE 03-05-10

DATE	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.)

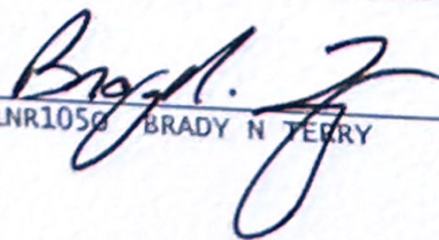
Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 2746 16-June-2010 WO# 4901 REF# 4901
 N448HW S/N 21020C MAULE MXT-7-180A TACH 1218.7

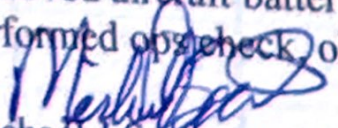
Pg 1 / 1

**** ITEM # 4901-1 REPLACE PILOT PUSH TO TALK SWITCH ****
 DISCREPANCY: REPLACE PILOT PUSH TO TALK SWITCH-MISSING END CAP.
 Model: 30-1 Part#: 30-1 Serial#: N/A
 ACTION: REMOVED EXISTING PTT SWITCH AND INSTALLED FACTORY NEW GRAYHILL 30-1 PTT SWITCH. RAMP TESTED AND FOUND OPERATIONAL.

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

BY
N


 W1NR1050 BRADY N TERRY
 6-16-2010
 Date

Date: 11/12/2010
 Maule MXT-7-180A
 Removed aircraft battery. Installed new Gill, P/N G-35M, S/N G02527739. Serviced with Gill battery acid.
 Performed ops check, ok.

 Michael J Sergeant A&P461554273

N448HW

1219.4 Tach / 1219.4 ACTT
S/N 21020C

DATE Date: 27-Dec-2010
Maule MXT-7-180A

N488HW

1220.4 Tach / 1220.4 ACTT
S/N 21020C

Annual Inspection: Inspected Airframe, Empennage/Fuselage, Controls and Surfaces, Landing Gear, Electrical, Placards, Interior, Doors, Windows, Seat Assemblies. Inspected ELT assembly in accordance with FAR 91.207(d), next ELT battery replacement due 12-2011. Lubricated aircraft in accordance with manufactures recommendations. Installed new vacuum regulator filter P/N B3-5-1 and vacuum source filter P/N D9-18-1. Replaced engine air filter with BA-8106. Checked compression (Results: #1 77/80, #2 76/80, #3 76/80, #4 74/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. Checked AD's through Bi-Weekly 2010-26. I certify this Aircraft has been inspected in accordance with F.A.R. part 43 appendix (D). Annual Inspection Requirements, and was determined to be in airworthy condition at this time.


Dustin E. Thompson
AP3040566IA

Date: 27-Dec-2010
Lycoming O-360-C4F

N488HW

1220.4 Tach / 1220.4 TSN
S/N L35523-36A

100 Hour Inspection: Checked compression (Results: #1 77/80, #2 76/80, #3 76/80, #4 74/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. The engine was ground operated for ops. and leak check, no leaks found. Checked AD's through Bi-Weekly 2010-26. I certify this Engine has been inspected in accordance with F.A.R. part 43 appendix (D). 100Hr. Inspection Requirements, and was determined to be in airworthy condition at this time.


Dustin E. Thompson
AP3040566

DATE	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.)
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19 _____

Date: 22-April-2011
Maule MXT-7-180A

N488HW

1222.7 Tach / 1222.7 ACTT
S/N 21020C

Annual Inspection: Inspected Airframe, Empennage/Fuselage, Controls and Surfaces, Landing Gear, Electrical, Placards, Interior, Doors, Windows, Seat Assemblies. Inspected ELT assembly in accordance with FAR 91.207(d), next ELT battery replacement due 12-2011. Lubricated aircraft in accordance with manufactures recommendations. Checked compression (Results: #1 70/80, #2 74/80, #3 72/80, #4 76/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. Checked AD's through Bi-Weekly 2011-08. I certify this Aircraft has been inspected in accordance with F.A.R. part 43 appendix (D). Annual Inspection Requirements, and was determined to be in airworthy condition at this time.


Dustin E. Thompson
AP30405661A

Date: 22-April-2011
Lycoming O-360-C4F



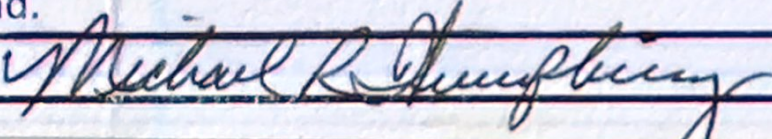
N488HW



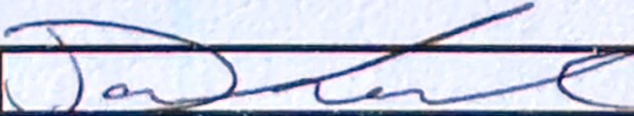
1222.7 Tach / 1222.7 TSN
S/N L35523-36A

100 Hour Inspection: Checked compression (Results: #1 70/80, #2 74/80, #3 72/80, #4 76/80). Inspected, cleaned and tested spark plugs. Checked magneto to engine timing. Inspected fuel system, exhaust, mounts, lines, hoses, electrical and accessories for wear, chaffing, security and leakage. The engine was ground operated for ops. and leak check. Checked AD's through Bi-Weekly 2011-08. I certify this Engine has been inspected in accordance with F.A.R. part 43 appendix (D). 100Hr. Inspection Requirements, and was determined to be in airworthy condition at this time.



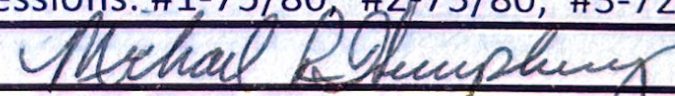

Dustin E. Thompson
AP3040566



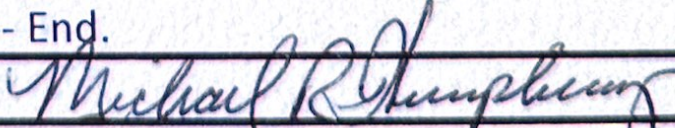
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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	Engine Logbook Entry	N448HW	
	<i>Decatur Jet Center, LLC.</i>	29-Apr-11	
	<i>351 Airport RD Box 2</i>	Tach 1225.5	
	<i>Decatur, TX 76234</i>	TTAF	
Performed engine cylinder compression test. #1-70/80, #2-73/80, #3-74/80, #4-75/80. ----- Removed oil filter for open up and inspection for metal. No metal or other contaminates found . Installed new CH48110-1 filter. Saftied and leak checked . End.			
Michael R Humphrey A&P 3201695 I.A.			

	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	26-Aug-11	
	<i>351 Airport RD Box 2</i>	Tach 1255.4	
	<i>Decatur, TX 76234</i>	TTAF 1255.4	
(Aircraft S/N:21020C)-----1.Removed and replaced stall warning switch with new Maule switch pn 6016. 2. Removed and replaced four under wing flush fuel drain with new pn F-391-18 and two Curtis drain valves pn CCA-1600.END			
Jon Donahue A&P 3407736			

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.)

	Engine Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	21-Dec-11	
	<i>351 Airport RD Box 2</i>	Tach 1267.7	
	<i>Decatur, TX 76234</i>	TSOH	
<p>Drained engine oil and reserviced with 8 qts. Aeroshell 15W50 oil and new Champion CH48110-1 oil filter. Opened removed oil filter for inspection. No metal found. Groundrun engine, ops and leak checked ok. ----- Tested engine cylinder compressions. #1-75/80, #2-75/80, #3-72/80, #4-76/80. End</p>			
Michael R Humphrey I.A. 3201695 A&P			

	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	13-Jan-12	
	<i>351 Airport RD Box 2</i>	Tach 1274.0	
	<i>Decatur, TX 76234</i>	TTAF	
<p>(Aircraft S/N: 21020C)----- Disassembled nose gear oleo strut, cleaned and reassembled with new seals (Maule strut kit # 4D5DX). Serviced strut with Aeroshell 4 hydraulic fluid and nitrogen. ----- Installed 4 each screws missing from carb heat shroud. ----- End.</p>			
Michael R Humphrey I.A. 3201695 A&P			

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 Technician or Repair Facility. (See back pages for other specific entries.)
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ABILENE AERO INC.
 2850 AIRPORT BLVD. GSTR469E
 ABILENE, TX 79602
 (325) 677-2601

N # 448HW W.O. # 17084 H/M 1280.4

ALTIMETER, PITOT / STATIC AND AUTOMATIC
 PRESSURE ALTITUDE REPORTING SYSTEMS WERE
 TESTED AND FOUND TO COMPLY IAW PART 43
 APPENDIX E, AS REQUIRED BY FAR 91.411

PILOTS S/N 390392 COPILOTS S/N N/A

ALTIMETER (S) WAS/WERE TESTED TO K FT
 TRANSPONDER (S) HAS/HAVE BEEN TESTED AND
 FOUND TO COMPLY IAW PART 43 APPENDIX F, AS
 REQUIRED BY FAR 91.413

#1 MODEL KT-76A S/N 099472

#2 MODEL N/A S/N N/A

SIGNATURE  DATE 03/15/12

APPROVED FOR RETURN TO SERVICE

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

DATE

19

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 12235Aircraft S/N 21020CMeter: 1280.4Total Time: 1280.4Registration# N4481HWDate: 4/3/12Airworthiness Directives Through 2012-06

Ops checked interior and exterior lights. --Checked battery electrolyte level, specific gravity and serviced battery as required.
 --Checked brake res. fluid level and serviced as required. --Inspected and serviced tires as required. --Removed, cleaned,
 inspected, packed and re-installed wheel bearings. --Removed screen, inspected, cleaned, re-installed fuel bowl and leak
 checked. --Installed a new battery P/N 2B-GS52. Ops **checked ELT IAW FAR 91.207(d) battery due 3/2014.** --Checked cable
 tensions, surface travels and lubed flight controls. --Inspected all placards interior and exterior. --Installed a new aux heater
 shroud, P/N 5552E-1 on right side of engine. --Installed four new engine mount assemblies, P/N J6230-1. --Installed new
 sceet hose in various places as necessary. --R&I new hose on stand-by vacuum pump system to intake manifold. --Torqued
 mounting screw for radio lights rheostat knob. --Replaced outboard grease seal with PN# 154-01300. --Installed new post
 light bulbs, P/N GE330, as necessary. --Cleared debris from left fuel quick drain seat. Leak checked ok. --Left main
 landing gear brake disk replaced with PN# 164-02601. --Right main landing gear brake disk replaced with PN# 164-02601. --
 Replaced o-ring in right brake caliper with PN# MS28775-224. --Replaced left and right side main landing gear brake linings.
 --Reattached parking brake cable to brake master cylinders. Ops checked ok. --Installed new instrument air filters, P/N
 AAD9-18-1, B3-5-1. --Cleaned corrosion from negative battery cable. --R&I new baffle on right side of engine. --Installed
 new boot on negative battery cable.




Installed a new upper torque link, P/N 4060-7 on nose gear.



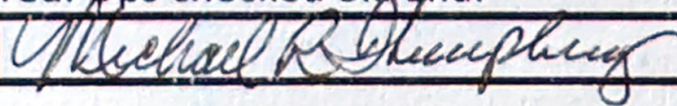
George Wilkins
 Approved for return to service
 George Wilkins AP450828487

I Certify this aircraft has been inspected IAW FAR 43 appendix D **Annual inspection** and found to be in an Airworthy
 condition.

Mark Reed
 Approved for return to service
 Mark Reed APIA3398125

DATE	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.)
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	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	13-Jan-12	
	<i>351 Airport RD Box 2</i>	Tach	
	<i>Decatur, TX 76234</i>	TTAF	
<p>(Aircraft S/N: 21020C)----- Removed carburetor (Precision HA-6) and routed to Aircraft Carburetor and Injector Service of Texas (WO#3777)for overhaul. Reinstalled carburetor after overhaul. Replaced engine induction air filter element (Brackett P/N: BA-6108). Replaced leaking fuel pressure line hose at carburetor (AN6270-3D0210). Ground run engine, ops checked and leak checked good. End.</p>			
Michael R Humphrey I.A. 3201695 A&P			

	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	11-Jan-13	
	<i>351 Airport RD Box 2</i>	Tach 1366.1	
	<i>Decatur, TX 76234</i>	TTAF	
<p>(Aircraft S/N: 21020C) ----- Installed Aviation FAA approved Battery Minder (p/n: 12248-AA-S2) wiring and connectors onto aircraft battery and secured. Ops checked ok. End.</p>			
Michael R Humphrey I.A. 3201695 A&P			

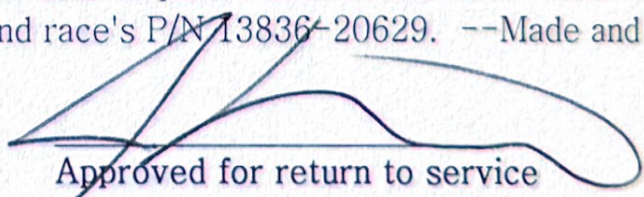
Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 12724 Registration# N448HW Date: 5/8/13

Aircraft S/N 21020C Meter: 1437.8 Total Time: 1437.8

Airworthiness Directives Through 2013-09

I Certify this aircraft has been inspected IAW FAR 43 appendix D Annual inspection and found to be in an Airworthy condition.

Ops checked interior and exterior lights. --Checked battery electrolyte level, specific gravity and serviced battery as required. --Checked brake res. fluid level and serviced as required. --Inspected and serviced tires as required. --Lubed landing gear fittings. --Removed, cleaned, inspected, packed and re-installed wheel bearings. --Removed screen, inspected, cleaned, re-installed fuel bowl and leak checked. --Ops checked ELT IAW FAR 91.207(d) battery due 3/2014. --Checked cable tensions, surface travels and lubed flight controls. --Inspected all placards interior and exterior --C/W all modification ICA's. --Lubed all heat control and fresh air control cables. --Removed and installed new bulb, P/N GE-4509 to Rt. landing light as required. Ops check ok. --Troubleshoot CHT probe. --Reseated pilots door window hinge pin as required. --Installed new rubber stops on lift struts for both left and right doors. --Installed new door seal material on both pilot and co-pilot doors. --Secured rivnuts for pilots door handle and re-installed. --Reseated fastener on pilots door. --Removed and installed instrument filters P/N B3-5-1, and P/N AAD9-18-1. --Lubed latch for pilots window. --Re-glued back seat upholstery as required. --Adjusted spring tension on cable for parking brakes. Ops check ok. --Removed and installed new post light bulb, GE-330 to vacuum gage as required. Ops check ok. --Stop drilled two small cracks on right baffle aft of #3 cylinder. --R&I a replacement stainless steel patch on firewall aft of right exhaust, IAW AC43.13-1B Pg. 4-32, Fig. 4-16. --Removed, cleaned, inspected, re-sealed and serviced shimmy damper as required. -- --Installed #1 exhaust riser after repair to attachment bracket as required. --Installed repaired right exhaust as required. --Re-glued upholstery trim by pilots right knee. --Re-glued trim around co-pilots door as required. --Reattached fabric tape on horizontal stab. --Installed a new seal on pilot's door retractable window. -- Removed and installed front landing gear bearings P/N 13889-20629 and race's P/N ~~13836~~-20629. --Made and installed a new lower cowling close out panel.


Approved for return to service
Jason Trevino APIA3309979

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Abilene Aero Inc.
 Registration # N448HW
 Aircraft S/N: 21020C

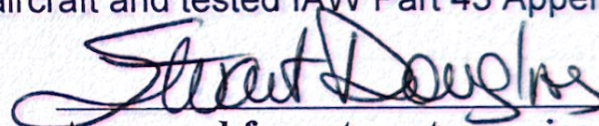
2850 Airport Blvd. Abilene TX 79602

Date: 09/26/2013

TACH: 1,470.7

W.O. # 18053

Removed King Transponder, KT-76A P/N 066-1062-00 S/N 112057 and Installed New Garmin Transponder, GTX-327 P/N 011-00490-00 S/N 83746454. Configured to aircraft and tested IAW Part 43 Appendix F as required by FAR 91.413.



Approved for return to service
 For Abilene Aero Inc. GSTR469E

6-24-14 Tach/TTAF 1533.1 Completed Inspection. Replaced bearing and race nose wheel. Repacked all wheel bearings. Checked and serviced brakes. Checked fuel system for contamination. Lubricated controls. Replaced induction air filter element. Replaced instrument air regulator filter. Replaced ELT battery and checked operation per FAR 91-207D battery next due July 2016. Removed and reinstalled left and right exhaust system for weld repairs. C/w AD 76-07-12 on ignition switch operations
 — continued —

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entri
- Continued →			Date <u>6-24-14</u> Tach. Time <u>1533.1</u>	"I certify that this <u>AIRCRAFT</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition" DALE R. FAULKNER A&P 1993252 IA <i>Dale R. Faulkner</i>

Form 883 (rev 3)

I certify that the altimeter and static system tests required by § 91.411 and the transponder tests, including data correspondence, required by § 91.413 have been performed and found to comply with 14 CFR part 43, Appendices E and F.

#1 Altimeter Make/Model: United 5934P-3 S/N: 390392Transponder Make/Model: Garmin GTX-327 S/N: 83746454#2 Altimeter Make/Model: n/a S/N: n/aEncoder Make/Model: ACK A-30 S/N: 99472The altimeter(s) were tested to 20K feet on 1/15/2015Data correspondence was tested to 20K feet on 1/15/2015The static system was leak tested on 1/15/2015Signature *[Signature]*Date: 1/15/2015N#: N448HWWO#: W15-007**North Texas Avionics**13338 Thornton Drive, Westlake, TX 76262
(817) 422-2714 FAA CRS F91R602X

ions
of
es.)

DATE	REC TACH TIME
19	

MAKE: Maule
 MODEL: MXT-7-180A
 S/N: 21020C
 REG. NO: N448HW
 WORK ORDER: 0712

CFD Integration, LLC dba CEDLAero
 4700 Spartan Drive, Hangar 102
 Denton, TX 76207
 Phone: 940-442-5232

DATE: 2/12/2015
 A/C TSN:
 TACH: 1599

Airframe Entries

(1) Drained fuel. Removed leaking fuel selector. Installed new fuel selector P/N 10049-5. Fueled aircraft. Valve ops and leak checked good at this time.... (3) Removed tailpipe from right exhaust assembly. Weld new customer furnished tailpipe hanger tab. Re-installed tailpipe to muffler assembly. Weld numerous small cracks in muffler at ends (Not in cabin heat area). Re-installed both exhaust assemblies.... (5) Installed numerous cabin heat/air hoses using Scat-8.

Form #4 (rev 0)
 W/O # V

TEST POINT
-1,000
0
500

DATE: 2/12/2015

SIGNED:



Work Order: 0712

Tim Fellegy, A&P: IA 2834940

Printed by EBis 3 (datcomedia.com)

1,000	1,010	18,000	17,970
1,500	1,515	20,000	19,980
2,000	2,015	22,000	---
3,000	3,015	25,000	---
4,000	4,010	30,000	---
6,000	5,985	35,000	---
8,000	7,975	40,000	---
10,000	9,955	45,000	---

DATE: 1/15/2015

TESTED BY: [Signature]

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 Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Maule
 MODEL: MXT-7-180A
 S/N: 21020C
 REG. NO: N448HW
 WORK ORDER: 0742

CFD Integration, LLC dba CFDI Aero

4700 Spartan Drive, Hangar 102
 Denton, TX 76207
 Phone: 940-442-5232

DATE: 6/23/2015
 A/C TSN: 1602.6
 TACH: 1602.6

Airframe Entries

(2) Removed and reinstalled engine after overhaul by Custom Airmotive Inc. Lycoming O-360-C4F, S/N L-35523-36A 0.0 hours SMOH at time of installation. Installed new Sky tech starter P/N 149-12LS. Installed all new fuel and oil hoses in engine compartment P/N 111F417-6S0064, 111F417-6S0172, 111F417-6S0260, 111F417-8D0162, 111F417-8D0274, 111F417AAB0250S and 111F502-4S0360. Installed new alternator belt P/N 37A19773-376. Installed propeller and safety wired. Test ran engine. Ops and leak checked good at this time.

DATE: 6/23/2015

SIGNED:

Tim Fellegy, A&P: IA 2834940



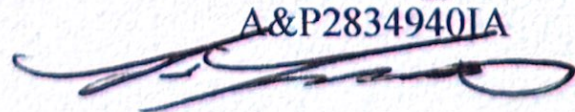
Work Order: 0742



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Make: Maule Model: MXT-7-180A S/N: 21020C Reg: N448HW

07/01/2016 Tach & TTAF 1604.6 This aircraft was inspected in accordance with FAR 43 appendix d. The following maintenance was performed. Inspected ELT IAW FAR 91.207(d.) Ops checked good at this time. Replace battery by July 2016. Lubricated all flight controls, pulleys, hinges and landing gear grease points with lubricants listed in current Maule MXT-7-180A maintenance manual. Removed, cleaned, inspected and re-installed all fuel screens. Installed new right Faucet transfer pump screen and gasket kit P/N FEP42370. Cleaned, inspected and greased all wheel bearings. I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time. No new or recurring AD's due at this time.



Tim Fellegy
 A&P2834940IA



	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	5-Aug-15	
	<i>351 Airport RD Box 2</i>	Tach 1606.5	
	<i>Decatur, TX 76234</i>	TTAF 1606.5	

(Aircraft S/N:21020C)----Removed engine oil pressure gauge P/N: 5-02028 (S/N: 152605). Installed overhauled unit P/N: 5-02028 (S/N: 152605). All work performed in accordance with Maul maintenance manual. Unit overhauled by Air Parts of Lock Haven, INC. See form 8130-3 for authorization. Ops check good. Safety check good. END

Christopher K. Muchow A&P 3807223 *Chris Muchow*

	Engine Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	21-Aug-15	
	<i>351 Airport RD Box 2</i>	Tach 1617.9	
	<i>Decatur, TX 76234</i>	SMOH 15.3	

Engine O-360-CF4 (S/N:L-35523-36A)----Removed alternator P/N: ALY-8420LS (S/N: 6121345). Installed overhauled alternator P/N: ALY-8520R (S/NL: H-P080481). All work has been accomplished in accordance with Maule maintenance manul. See attached 8130-3 for airworthyness approval. Ops check good. Safety check Good. END

Christopher K. Muchow A&P 3807223 *Chris Muchow*



Aircraft Logbook Entry

Decatur Jet Center

351 Airport RD Box 2

Decatur, TX 76234

N448HW

3-Nov-16

Tach: 1642.4



Total Time: 1642.4



Maule MXT-7-180A(s/n: 21020C)-Performed Annual Inspection I.A.W. FAR Part 43 Appendix D & Maule Aerospace Technology, Inc. Maintenance Manual for Maule MXT-7-180A.-ELT inspection & functional check performed I.A.W. FAR 91.207(d).-Replaced ELT battery(p/n: GS-52), battery expires 09-2018.-Replaced fire extinguisher(p/n: Amerex Model A344).-Replaced induction air filter(p/n: Brackett BA-6108).-Replaced instrument air filter(p/n: D9-18-1).-Replaced vaccum relief filter(p/n: RAB3-5-1).-Replaced left brake pads(p/n: 66-0010500).-Replaced left fuel transfer pump filter & gasket(p/n: 05-01019).-Replaced both gasculator gaskets(p/n: 33-199-6).-Removed corrosion from battery box area, primed & painted with acid proof paint.-I certify that this Aircraft has been inspected in accordance with an Annual Inspection per FAR Part 43 Appendix D and has been determined to be in airworthy condition.-END

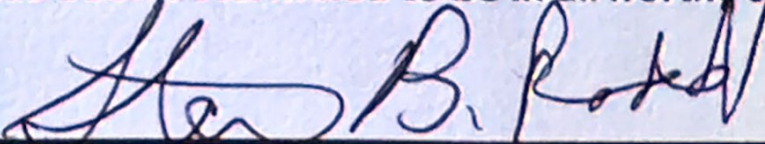
Steven B. Roddy A&P/IA 3405868

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of

	Aircraft Logbook Entry	N448HW	
	<i>Decatur Jet Center</i>	5-Dec-19	
	<i>351 Airport RD Box 2</i>	Tach: 1657.8	
	<i>Decatur, TX 76234</i>	Total Time: 1657.8	

Maule MXT-7-180A(s/n: 21020C)-Performed Annual Inspection I.A.W. FAR Part 43 Appendix D & Maule Aerospace Technology, Inc. Maintenance Manual for Maule MXT-7-180A.-ELT inspection & functional check performed I.A.W. FAR 91.207(d).-Replaced ELT battery(p/n: GS-52), battery expires 11-2021.-Replaced induction air filter(p/n: Brackett BA-6108).-Replaced instrument air filter(p/n: Rapco RAD9-18-1)(annually/500hrs.).-Replaced vaccum relief filter(p/n: RAB3-5-1)(annually).-Replaced battery with Concorde RG-35AXC(s/n: 41058069).-Replaced right landing light bulb, GE-4509(p/n: 11-08431).-Replaced right main wheel outer grease felt(p/n: MC154-01300) & outer grease seal(p/n: 153-01500).-I certify that this Aircraft has been inspected in accordance with an Annual Inspection per FAR Part 43 Appendix D and has been determined to be in airworthy condition.-END


Steven B. Roddy A&P/IA 3405868



Form #7A (rev 3)

I certify that the transponder tests required by § 91.413 have been performed and found to comply with 14 CFR part 43, Appendix F. N# N448HW

Transponder Make/Model: GARMIN GTX-327 S/N: 83746454

Signature:  Date: Dec 9, 2019 WO#: W19-154

North Texas Avionics
 732 Aviator Drive, Fort Worth, TX 76179
 (817) 422-2714 FAA CRS F91R602X

DATE	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)
19				



Aircraft Logbook Entry	N448HW
Decatur Jet Center	4-Jan-21
351 Airport RD Box 2	Tach: 1707.4
Decatur, TX 76234	Total Time: 1707.4



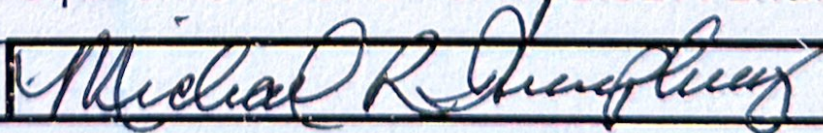
Maule MXT-7-180A(s/n: 21020C)-Performed Annual Inspection I.A.W. FAR Part 43 Appendix D & Maule Aerospace Technology, Inc. Maintenance Manual for Maule MXT-7-180A.-ELT inspection & functional check performed I.A.W. FAR 91.207(d), battery expires 11-2021.-Replaced induction air filter(p/n: Brackett BA-6108).-Replaced vaccum relief filter(p/n: RAB3-5-1)(annually).-Replaced left main wheel outer grease seal(p/n: 153-01500).-Replaced right brake pads(two p/n: RA66-10500).-I certify that this Aircraft has been inspected in accordance with an Annual Inspection per FAR Part 43 Appendix D and has been determined to be in airworthy condition.-END

Steven B. Roddy A&P/IA 3405868

	Aircraft Logbook Entry	N448HW	
	<i>MRH Aero Mechanix</i>	24-Mar-21	
	<i>1496 Thousand Oaks Drive</i>	Tach 1709.4	
	<i>Decatur, TX 76234</i>	Aircraft TT	

(Aircraft S/N: 21020C) ----- Replaced existing OEM red position light and strobe assembly on left wing tip with uAvionix Sky Beacon assembly, Part # UAV-1001856-002, Serial # 1012449) in accordance with SkyBeacon STC Installation Guide, Document #UAV-1002305-001 Rev. H. Used existing OEM position light electrical circuit and confirmed appropriate per AC 43.13-1B Chapter 11 Section 5&6. Red position light was terminated to the SkyBeacon position light wire (red wire). SkyBeacon ground wire (black wire) was terminated to airframe structure. Strobe high voltage excitation input power wire was disconnected from the strobe high voltage power supply. SkyBeacon strobe wire (yellow wire) connected to strobe 12V switch control circuit. Configured SkyBeacon in accordance with SkyBeacon STC Installation Guide. (SSID: Beacon-67F0, Password: QuebeCompass). No significant change to weight and balance. The installed ADS-B Out system was shown to meet the equipment performance requirements of 14 CFR 91.227. End.

Michael R Humphrey A&P 3201695 I.A.

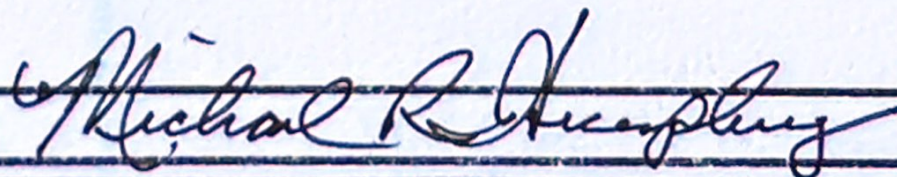


DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

	Aircraft Logbook Entry	N448HW	
	MRH Aero Mechanix	18-Mar-22	
	1496 Thousand Oaks Drive	Tach 1739.7	
	Decatur, TX 76234	TSOH 137.1	

(Aircraft S/N: 21020C) ----- Removed fuel boost pump due to internal leakage. Installed overhauled fuel boost pump. Functional and leak checked boost pump ok ----- Cleaned and lubricated cabin heat control cable and valve for smoother operation ----- Replaced instrument panel post light bulb (p/n: GE-330) located adjacent to carb heat control ----- Replaced both main tires (Condor 7.00-6 6 ply) and inner tubes (Leakguard 8.00/7.00). Serviced tires per Maule Service specs ----- Replaced engine induction air filter element (p/n: BA-6108) ----- Inflated nose gear oleo strut with nitrogen to proper height per Maule Service Manual ----- All applicable ADs complied with to date. See current ATP AD Compliance Record for details ----- CW FAR 91.207 (d) by inspection and functional check of ELT. Replaced ELT battery pack (p/n: GS-52). ----- I certify that this Aircraft has been inspected in accordance with an Annual inspection in accordance with FAR 43 Appendix D and was found to be in an airworthy condition. End.

Michael R. Humphrey A&P 3201695 IA

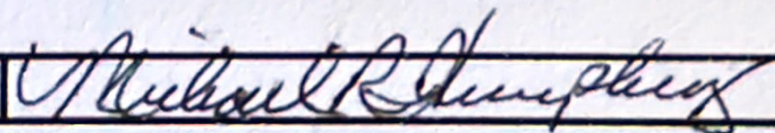


DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

	Aircraft Logbook Entry	N448HW	
	<i>MRH Aero Mechanix</i>	1-Jun-24	
	<i>1496 Thousand Oaks Drive</i>	Tach 1742.0	
	<i>Decatur, TX 76234</i>	Total Time 1742.0	

(Aircraft S/N: 21020C) ----- Replaced aircraft battery with new Concorde RG-35AXC. ----- Replaced vacuum system inlet filter RA-D9-18-1 and vacuum relief valve garter filter RA-B3-5-1. ----- Replaced engine induction air filter element BA-6108. ----- All applicable ADs complied with to date. See current ATP AD Compliance Record for details. ----- Replaced ELT battery pack with new GS-52 Battery Pack. New ELT Battery Pack Expires November 2026. CW FAR 91.207 (d) by inspection and functional check of ELT as required. No defects noted at this time. ----- I certify that this Aircraft has been inspected in accordance with an Annual inspection within the scope and detail of FAR 43 Appendix D and was found to be in an Airworthy condition. End.

Michael R. Humphrey A&P 3201695 IA



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

	Aircraft Logbook Entry	N448HW	
	<i>MRH Aero Mechanix</i>	29-Jul-25	
	<i>1496 Thousand Oaks Drive</i>	Tach 1742.8	
	<i>Decatur, TX 76234</i>	Total Time 1742.8	

(Aircraft S/N: 21020C) ----- Replaced o-ring (p/n: MS28775-224) on LH brake caliper piston. Bled LH brake lines with hydraulic fluid (MIL-PRF-5606). Brake functional checked ok. ----- Troubleshoot tail nav light for inoperative condition. Cleaned light socket and ground wire connection. Nav light functional checked ok. ----- Reattached upholstery covering with adhesived on pilot's forward door post cover and sidewall panel. ----- Removed the engine induction air inlet duct from lower engine cowl due to vibration damage. Repaired duct with aluminum doublers on both sides. Reinstalled duct with rivets onto engine lower cowl. ----- Replaced engine induction air filter element BA-6108. ----- All applicable ADs complied with to date. See current ATP AD Compliance Record for details. ----- ELT Battery Pack Expires November 2026. CW FAR 91.207 (d) by inspection and functional check of ELT as required. No defects noted at this time. ----- I certify that this Aircraft has been inspected in accordance with an Annual inspection within the scope and detail of FAR 43 Appendix D and was found to be in an Airworthy condition. End.

Michael R. Humphrey A&P 3201695 IA

