



# AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T18208484 N223JM

RECORD NUMBER 1

D5517-2-13

T18208484

CALIBRATION CARD ALTIMETER			
P/N: 5934PAD-3.D		C/N: A657	S/N: 449130
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	+5	14,000	-55
0	+5	16,000	-50
500	+10	18,000	-40
1,000	+10	20,000	-30
1,500	+10	22,000	-20
2,000	+10	25,000	0
3,000	+10	30,000	+50
4,000	+5	35,000	+105
6,000	0	40,000	
8,000	-20	45,000	

This record shall be maintained in accordance with Federal Aviation Regulations 125.419 and 135.419 of the Federal Aviation Administration. Note: Record shall be maintained in this record as required by the Maintenance Manual.

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**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2006			ELT Battery date expires: Oct 2007 Key # 221	
01/19	5	0	Airworthiness Directives comply through 2006-01	
			Aircraft Airworthy. Total Time in Service: 5.0	
01/19	5	0	Total tach time: 5.0 Hobbs time: 6.7	
			The G1000 System Software installed in this aircraft is Cessna publication number T182TGS600-04	
01/19	5	0	AMSAFE Aviation Inflatable Restraint (AAIR®) System	
			Seat # 1 - Serial # AASI 145810293 Expiration Date 07/01/2012	
			Seat # 2 - Serial # AASI 209830287 Expiration Date 08/01/2012	
			Seat # 3 - Serial # AASI 145810170 Expiration Date 08/01/2012	
			Seat # 4 - Serial # AASI 145810172 Expiration Date 08/01/2012	
			Seat # 5 - Serial # AASI n/a Expiration Date n/a	
			Seat # 6 - Serial # AASI n/a Expiration Date n/a	
			END	

*[Signature]*  
ODARF100129CE

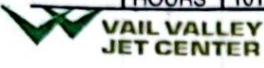
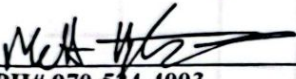
**MAINTENANCE RECORD**


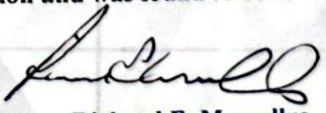
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2006 01/19	5	0	<p>This aircraft has been inspected and found in compliance with the requirements of FAR 21.183 and all mandatory changes. The Transponder S/N <u>89101818</u> was inspected and tested on <u>12/27/05</u> and is in compliance with the FAR 91.413. The Static Pressure System was inspected and tested on <u>12/27/05</u>. The ADC and Altimeter(s) have been inspected and tested and are in compliance with FAR 91.217 and 91.411 to an altitude of <u>35000</u> feet. ADC <u>4780224</u> Date <u>12/27/05</u>                      Altimeter(s) L <u>449130</u> Date <u>08/05/05</u> R <u>n/a</u>                      Date <u>n/a</u> ELT Certified and tested per FAR 91.207D. Standard Certificate of Airworthiness dated <u>01/19/06</u> has been issued by the undersigned.</p>	<p align="right"><i>[Signature]</i>                      ODARF100129CE</p>

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p><b>N223JM</b>  <b>Engine Log</b></p> <p>Date: 2-28-06                      TT: 27.2                      Drained Oil from Engine, removed filter cut open and inspected no containments found. Installed new filter P/N Ch48110-1. Serviced engine with 8 Qts. of Phillips 20W-50 XC. Ground ran engine for leak check, no leaks noted at this time. All work done IAW Cessna 182 MM.  <i>[Signature]</i> Matt Bergstreser A&amp;P 2808675</p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
 <b>VAIL VALLEY JET CENTER</b>			<b>N223JM</b> <b>Engine Log</b>	
<b>Date: 4-21-06</b> <b>Tach: 49.5</b>				
<b>Drained Oil from Engine, removed filter cut open and inspected no containments found. Installed new filter P/N CH48110-1. Serviced engine with 8 Qts. of Phillips XC 20W-50. Adjusted Idle Screw per MM. Ground ran engine for leak check, no leaks noted at this time. All work done IAW Cessna 182 MM.</b>				
 <b>Matt Bergstreser A&amp;P 2808675</b> <b>PH# 970-524-4003</b>			<b>Work order #12488</b>	

DATE	T	HC	DESCRIPTION OF THE WORK PERFORMED	TTAF: 80.9	Tach: 80.9	URE, E
July 1, 2006			<b>N223JM</b> <b>C T182T</b> <b>S/N: T18208484</b>			
			<ol style="list-style-type: none"> <li>1. Performed an annual inspection and maintenance in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.</li> <li>2. Complied with AD2002-26-01 Fuel Injector Line and Clamp Inspection dated 31 January 2003 by visual inspection. No defects noted in accordance with Textron Lycoming MSB No. 342D, dated 10 July 2001. Next inspection due at 180.9 hours, next annual, or if any fuel injector line clamp is moved, loosened or replaced.</li> <li>3. See AD listings for compliance records.</li> <li>4. Complied with SB06-34-02 G1000 Software Upgrade dated 27 March 2006 by software download.</li> <li>5. Complied with SB06-11-01 POH Revision dated 27 March 2006 by inserting Revision 3 in POH.</li> <li>6. Complied with SB06-24-01 Ground Strap Inspection date 8 May 2006 by inspection.</li> <li>7. Inspected ELT in accordance with 14 CFR 91.207. Battery due October 2007.</li> <li>8. R&amp;R LH wing aft middle fuel quick drain (S2020-2).</li> <li>9. Serviced Oxygen.</li> <li>10. R&amp;R vacuum relief filter (B3-5-1).</li> <li>11. Removed prop. Sent to Aero Propeller for reseal and replacement of hub S/N 060971 (see prop log book for maintenance release, WO# 15117). Reinstalled repaired propeller.</li> </ol>			
<b>I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.</b>						
 <b>Legacy Air, Inc</b> <b>11900 Airport Way</b> <b>Broomfield, CO 80021</b> <b>303-404-0277</b>			 <b>Richard E. Marcellus</b> <b>A&amp;P 2882133 IA</b>			


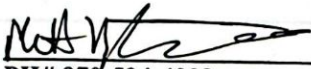
**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
13 Jun 06			T-182T N 223 JM	
			Autopilot will NOT PASS PRE-Flight TEST. Down load ERROR FILE, CONFIRM pitch problem. REPLACE DEFECTIVE pitch SERVO. Autopilot Now checks ok. RETURN AIRCRAFT to customer FOR TEST Flight.	
			Remove Mod.# <u>KS-270C</u> SIN # <u>8940</u>	
			Reinstall Mod.# <u>KS-270C</u> SIN # <u>8382</u>	
			<b>FREEDOM AVIONICS CO. FDBR221K</b> Date <u>13 Jun 06</u> Sig. <u>[Signature]</u>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME	DESCRIPTION OF THE WORK PERFORMED	DATE	A/C REG.	SIGNATURE, TYPE & NUMBER
		Jackson Hole Aviation, LLC P.O. Box 3829 Jackson, WY 83001 (307) 733-4767	Date - 8-5-06 Hobbs - 114.8	A/C Reg. - N223JM	
		Drained oil, took oil sample and inspected old oil filter, found normal. Installed new filter P/N# CH48110-1. Serviced engine with 9 qts. Phillips X/C 20w-50 and 1 pint AvBlend. Leak checked ok on post run-up. "The Aircraft, Airframe, Engine, Propeller, or Appliance identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and in respect to the work performed, is approved for return to service in accordance with FAR 43.9" Pertinent details of the repair are on file at this repair station under W/O# <u>3115</u> Dated <u>8-5-06</u> and a copy is attached to the product maintenance record. Inspector: <u>[Signature]</u> for Jackson Hole Aviation, LLC CRS#J3HR633H			

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p align="center">N223JM Engine Log <b>VAIL VALLEY JET CENTER</b></p> <p>Date: 10-31-06 Tach: 139.1 Hobbs: 158.6</p> <p><b>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Removed spark plugs cleaned, gapped, tested, and reinstalled. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</b></p> <p> <b>Matt Bergstreser A&amp;P 2808675</b> PH# 970-524-4003 <span style="float:right">Work order 12683</span></p>	

February 12, 2007  
Cessna T182T

N223JM  
S/N: T18208484

TTAF/Tach: 190.7  
Hobbs: 216.6

DATE	DESCRIPTION	NATURE, TYPE
	1. Performed an annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.	
	2. Complied with AD2002-26-01 Fuel Injector Lines and Clamps Inspection dated January 31, 2003 by visual inspection. Next due at 290.7 or February 2008 or at next engine overhaul or when a clamp is loosened, moved or removed.	
	3. Complied with AD2006-17-04 Engine Compartment Fuel Hoses Inspection dated September 1, 2006 by checking fuel hose torques per Cessna SB06-71-02.	
	4. See AD listings for AD compliance.	
	5. Complied with Cessna SB06-24-04 Circuit Breaker Panel Inspection by visual inspection.	
	6. Complied with Cessna SB06-32-01 Brake Master Cylinder Covers Inspection by checking torque.	
	7. Complied with Cessna SB06-53-01 Fuselage Stringer Rivet Inspection by visual inspection and installation of additional rivets.	
	8. Cessna SB07-79-01 Oil Pressure Switch Replacement is not due at this time. Current switch TIS 190.7, due for replacement at 3000.0 TIS.	
	9. Complied with Lamar LSI-001 Starter Bendix Cleaning and Lubrication.	
	10. Inspected ELT in accordance with 14 CFR 91.207. Battery due October 2007.	
	11. Performed standby battery capacity test, tested good.	
	12. Performed essential and crossfeed buss diode test, tested good.	
	13. Performed AAIR diagnostics test, tested good.	
	14. Configured both GIA units per G1000 Nav III Line Maintenance Manual.	
	15. Replaced both prop heat brush assemblies, adjusted brush block for proper alignment, ground check good (C40522-1, C40522-2).	
	16. Replaced left and right upper lift strut cuffs and right elevator tip with new parts (0720702-1, 0720702-1, 1234608-4-791).	

CONTINUED ON NEXT PAGE

DATE	DESCRIPTION	NATURE, TYPE
	17. Removed and replaced baggage door weather seal (R860064).	
	18. Replaced fuel filler placards (S4004-2).	
	19. Lubed and adjusted cabin heat control, lubed cabin air control.	
	20. Trimmed damaged area from flap track brackets.	
	21. Serviced oxygen system with ABO.	
	22. Replaced vacuum relief filter (B3-5-1).	
	23. Serviced nose strut.	
	I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.	



Legacy Air, Inc  
11900 Airport Way  
Broomfield, CO 80021  
303-404-0277

Russell R. Kerstetter  
A&P 2808255 IA

February 23, 2007

N223JM

Tach: 190.7

1. Complied with Cessna SB04-25-01 R4 Crew Seat Modification by visual inspection and replacement of pilot and copilot ultralocs and seat height adjustment nuts.
2. Complied with Cessna SB07-25-02 R1 Crew Seat Modification by visual inspection fabrication and installation of steel repair angles on pilot and copilot seats. Updated weight and balance.
3. Performed AAIR diagnostics test, tested good.


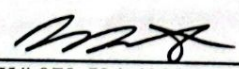
My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.





Legacy Air, Inc  
11900 Airport Way  
Broomfield, CO 80021  
303-404-0277


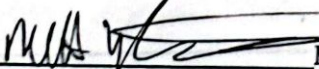
Russell R. Kerstetter  
A&P 2808255

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p align="center">N223JM Engine Log</p> <p align="center"><b>VAIL VALLEY JET CENTER</b></p> <p>Date: 5-16-07 Tach: 203.6 Hobbs: 231.5</p> <p>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</p> <p> Reyes Pitman A&amp;P 2803975 PH# 970-524-4003</p> <p align="right">Work order 12916</p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p><b>N223JM Engine Log</b></p> <p><b>Date: 7-25-07 Tach: 247.4 Hobbs: 281.1</b></p> <p><b>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 9 Qts. of Phillips XC 20W-50. Cleaned, gapped, tested, and rotated all spark plugs. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</b></p> <p>  <b>Reyes Pitman A&amp;P 2803975 PH# 970-524-4003      Work order 13029</b></p>	

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p><b>N223JM Engine Log</b></p> <p><b>Date: 11-24-07 Tach: 282.9</b></p> <p><b>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 9 Qts. of Phillips XC 20W-50. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</b></p> <p>  <b>Matt Bergstreser A&amp;P 2808675 PH# 970-524-4003      Work order 13141</b></p>	



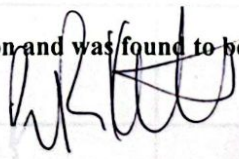
**MAINTENANCE RECORD**

DATE	TOTAL TIME	REGISTRATION	TTAF/Tach	S/N	HOBBBS	SIGNATURE, E TYPE, SER
December 17, 2007		N223JM	TTAF/Tach: 287.7			
Cessna T182T		S/N: T18208484	Hobbs: 326.6			
<p>1. Performed an annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.</p> <p>2. C/W AD2002-26-01 Fuel Injector Lines and Clamps Inspection dated January 31, 2003 by visual inspection, next due 387.7 or December 2008.</p> <p>3. C/W AD2007-08-03 Engine Compartment Fuel Hoses Inspection dated May 2, 2007 by c/w Cessna SB07-71-01 R1, by checking hose torques and torque sealing.</p> <p>4. See AD listings for AD compliance.</p> <p>5. C/W Cessna SB07-77-01 Tach Sender Replacement by installing MK206-77-01. Removed old unit 1A3C-1, S/N A1674 and installed new unit 1A3C-2, S/N A5098.</p> <p>6. C/W Cessna SB07-34-02 R1 Software Upgrade.</p> <p>7. C/W Cessna SB07-25-04 Seat Base/Back Attach Fitting Modification by installation of MK206-25-10-1.</p> <p>8. C/W Cessna SB06-24-05 Circuit Breaker Panel Assembly Inspection by visual inspection.</p> <p>9. C/W Lamar LSI-001 Starter Bendix Cleaning and Lubrication.</p> <p>10. Replaced ELT battery with new (2020 Rev A) and inspected in accordance with 14 CFR 91.207(d). Battery due October 2009.</p> <p>11. Replaced left and right fuel sending units with new (LT-S3852-3, S/N 1361; RT-S38524, S/N 1606).</p> <p>12. Replaced top right wing strut cuff with new part (0720702-2).</p> <p>13. Replaced pilot window seal (P860025).</p> <p>14. Performed standby battery capacity test, tested good. Removed battery, charged and reinstalled.</p>						
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DA	15. Performed essential and crossfeed buss diode test, tested good.	
	16. Performed AAIR diagnostics test, tested good.	
	17. Replaced vacuum relief filter (B3-5-1).	
	18. Serviced oxygen system with ABO.	

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.



Russell R. Kerstetter  
A&P 2808255 IA



Leg: 117  
Bro: 303



Date: 1-18-08  
Tach: 309.5


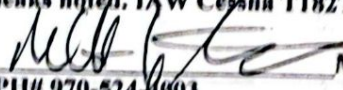
Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.



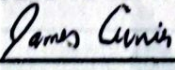
Matt Bergstreser A&P 2808675  
PH# 970-524-4003 Work order 13230

**Next Oil Change Due @ 359.5**

**MAINTENANCE RECORD**



DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	101115		
			 <p align="center">N223JM Engine Log <b>VAIL VALLEY JET CENTER</b></p> <p>Date: 6-9-08 Tach: 357.2</p> <p>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</p> <p> Matt Bergstreser A&amp;P 2808675 PH# 970-524-4903 Work order 13500</p> <p align="center"><b>Next Oil Change Due @ 407.2</b></p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HC			
			<p align="center">LA QUINTA AIR SERVICES INC. N223JM 1/4/08 TACH TIME: 300.6 HOBBS: 341.2 HOURS</p> <p>REPLACED THE LEFT MAIN TIRE INNER TUBE WITH A NEW MC CREARY TUBE SIZE 6.00 X 6. INSPECTED THE WHEEL AND BEARINGS. ROTATED THE TIRE. REPLACED THE WHEEL FIBER LOCK NUTS AND TORQUED THE BOLTS TO 150 INCH POUNDS.</p> <p align="center">Signed  W.O. # <u>2965</u> FAA Repair Station LQ6R171N LA QUINTA AIR SERVICES INC. THERMAL, CA 92274</p>	



**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p align="center">N223JM Engine Log</p> <p align="center"><b>VAIL VALLEY JET CENTER</b></p> <p>Date: 12-12-08 Tach: 421.0 Hobbs: 473.8</p> <p>Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Cleaned, gapped, tested, and rotated all spark plugs. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM.</p> <p> Reyes Pitman A&amp;P 2803975 PH# 970-524-4003 Work order 13680</p> <p align="center"><b>Next Oil Change Due 471.0</b></p>	

**MAINTENANCE RECORD**

DATE	DESCRIPTION OF THE WORK PERFORMED	TTAF/Tach: Hobbs:	SIGNATURE, TYPE
January 29, 2009 Cessna T182T	<p align="center">N223JM S/N: T18208484</p> <ol style="list-style-type: none"> <li>Performed an Annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.</li> <li>See AD listings for AD compliance.</li> <li>C/W AD2008-14-07 To prevent failure of the fuel injector lines and clamps by visual inspection.</li> <li>C/W AD84-26-02 To prevent possible engine power loss by replacing induction air filter with new P/N P10-6150. This AD is due by TTAF: 931.9 or upon condition.</li> <li>AD2008-10-02 To prevent erroneous indication N/A per S/N and date.</li> <li>AD2008-26-10 To prevent erroneous indication N/A per S/N and parts not replaced during dates.</li> <li>AD2008-19-05 To prevent loss of engine power N/A per ECI cylinder not installed.</li> <li>AD2008-08-14 To prevent a lean running engine N/A per S/N.</li> <li>C/W SB07-34-08 GTX33 Transponder replacement by replacing transponder with overhauled unit from Garmin P/N 011-00779-10 S/N 89102680, configured GTX33 I/A/W Garmin L.M.M.</li> <li>C/W SB08-25-01 CO detector inspection by replacing CO detector with overhauled unit from Hotton Enterprises P/N 452-201-006OH, S/N 86180. Ops check good.</li> <li>C/W SB08-28-01 Fuel line guard installation by installing fuel line cable guards P/N 0760026-2.</li> <li>C/W SB07-11-01 Electronic pilots checklist by updating system software with checklist SD card.</li> <li>C/W 500hr. Magneto inspection on both mags. Replaced points with new Aero Accessories P/N A-13081 date code Dec. 17 2008, and new Aero Accessories carbon brush's P/N AM3215. timed mags internally and reinstalled mags to engine with new gaskets and timed to engine.</li> <li>Removed and reinstalled O2 bottle after hydro test by Aero Care see maintenance release dated 01/26/2009. Next hydro test due by January/2014.</li> <li>Removed and replaced vacuum relief filter with new P/N B3-5-1.</li> <li>Removed and replaced right main tire with new Goodyear FSII 6.00-6 tire.</li> </ol>	431.9 486.0	R

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DATE

17. C/W AAIR diagnostics test, all seatbelts tested good.

18. Inspected ELT in accordance with 14CFR91.207 (d), Replaced battery with new. Battery due: Aug/2010.

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

SIGNATURE, TYPE

*Timothy P Mahoney*

Timothy P Mahoney  
A&P 522064076 IA



N223JM  
Engine Log  
**VAIL VALLEY  
JET CENTER**

Date: 1-27-10  
Tach: 553.8  
Hobbs: 621.7

Drained oil from engine. Removed and Replaced filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 8 Qts. of Phillips XC 20W-50. Reinstalled engine driven fuel pump p/n RG17980U/M s/n C6160 after shaft seal replacement by Western Skyways Inc. Ground ran engine for leak check no leaks noted. IAW Cessna T182T MM. Serviced O2

*Daniel E Lederman*

Daniel E Lederman A&P2711175  
Work order #14047

Next Oil Change Due 603.8 Tach

March 1, 2010  
Cessna T182T

N223JM  
S/N: T18208484

TTAF/Tach: 567.7  
Hobbs: 637.6

DATE

1. Performed an Annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.

2. See AD listings for AD compliance.

3. C/W AD2008-14-07 To prevent failure of the fuel injector lines and clamps by visual inspection.

4. C/W SB09-34-09 Garmin GDU knob inspection by ops check. No faults noted.

5. C/W SB09-24-03 Alternator ring terminal inspection by visual inspection, no faults noted.

6. C/W SB09-32-02 Brake line inspection by visual inspection, no faults noted.

7. C/W SB 09-34-06 Garmin G1000 system software by updating system software to 563.14.

8. C/W SB09-25-01R1 Seat adjustment nut inspection by visual and dimensional inspections.

9. Removed and replaced main battery with new Gill G-243, S/N G02401258.

10. Removed and replaced left main tire with new Goodyear Flight Special II 6.00x6.

11. C/W AAIR diagnostics test, all seatbelts tested good.

13. Serviced O2 system with ABO.

14. Removed and replaced vacuum relief filter with new.

15. Inspected ELT in accordance with 14CFR91.207 (d), Replaced battery with new. Battery due: Aug/2010.

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

SIGNATURE, TYPE

*Timothy P Mahoney*

Timothy P Mahoney  
A&P 522064076 IA

February 15, 2011

Cessna T182T

N223JM

S/N: T18208484

TTAF/Tach: 715.2

Hobbs: 800.5

DATE	TIME	REMARKS	NATURE, TYPE
		1. Performed an Annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.	

2. See AD listings for AD compliance.

3. C/W AD2008-14-07 To prevent failure of the fuel injector lines and clamps by visual inspection.

4. Removed and replaced right fuel cap gasket with new P/N B100142-1.

5. Removed and replaced lower left cowl mount with new P/N J7444-42.

6. Serviced nose strut with nitrogen to proper height.

7. Removed and replaced vacuum relief filter with new P/N B3-5-1.

8. C/W AAIR diagnostics test, all seatbelts tested good.

9. Serviced O2 system with ABO.

10. Inspected ELT in accordance with 14CFR91.207 (d), Replaced battery with new. Battery due: Nov/2012 .

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

Timothy P Mahoney  
A&P 3478191 IA

10/07/2011

N223JM

Tach: 817.3

Airframe Log

1. Replaced prop heat de-ice timer with new, S3370-1, S/N: 2169.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc  
11705 Airport Way Unit C  
Broomfield, CO 80021  
303-404-0277

  
Richard E. Marcellus  
A&P 2882133

MAINTENANCE RECORD

DATE	TIME	REMARKS	NATURE, TYPE
03-21-2012			
		N223JM	Tach/TTAF: 869.3
		S/N: T18208484	Hobbs: 971.3
		1. Performed an annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.	
		2. See AD listings for AD compliance.	
		3. Inspected ELT in accordance with 14 CFR 91.207. Battery due: 11/2012.	
		4. Replaced all three prop de-ice boots with new, B-40245-53.	
		5. Serviced oxygen system.	
		6. Replaced main & relief vacuum filters with new, AAD9-18-1, B3-5-1.	
		7. Complied with AD84-26-02 Induction Filters, effective date: 01/29/1985, by replacing induction filter with new, P10-6150. Next due: 1369.3 Tach/TTAF.	
		8. Replaced right aft center fuel drain valve with new, S2020-2.	
		9. Complied with Cessna SB11-24-02 Avionics Switch by replacement with new, S3443-1-1.	
		10. Complied with Cessna SB10-25-01 Amsafe Restraint Connector Cover by installation of covers, (4)511013-1.	
		11. Replaced beacon lamp with new, 34-0041987-02.	
		I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.	
		Legacy Air, Inc 11705 Airport Way Unit C Broomfield, CO 80021 303-404-0277	Richard E. Marcellus A&P 2882133 IA

March 28, 2013

N223JM

TTAF/Tach: 961.9

Cessna T182T

S/N: T18208484

Hobbs: 1074.4

DATE

NATURE,  
TYPE

1. Performed an Annual Inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.

2. See AD listings for AD compliance.

3. C/W AD2011-26-04 To prevent failure of fuel injector lines and clamps by visual inspection.

4. AD2012-24-09C2 To prevent failure of turbo N/A per part not installed.

5. AD2012-19-01 To prevent failure of crankshaft N/A per S/N.

6. C/W SEB-27-01R2 Control column screw by replacing screws in both control columns.

7. C/W SEB-34-03 G1000 Software update by updating software to NON-WAAS 563.26.

8. C/W 500hr. magneto inspection on left magneto installed new points, carbon brush, and seal kit.

9. Removed and replaced right magneto with new P/N 6361, S/N 13020546.

10. Removed and replaced MFD GDU1040 P/N 011-00972-03, S/N 88903491 with repaired unit from Garmin see 8130-3 dated July 25, 2012.

11. Removed and replaced tail nav light with new P/N GE1683.

12. Removed and replaced right wing strobe light with new P/N 01-0770818-00.

13. Removed and replaced turbo oil drain can with new P/N 581322954.

14. Removed and replaced right main tire with new Goodyear FSII 6.00x6 6ply tire.

15. Inspected ELT in accordance with 14CFR91.207 (d), Replaced battery with new battery due: Nov/2014.

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



Legacy Air, Inc  
11905 Corporate Way  
Broomfield, CO 80021  
303-404-0277

Curt Lee Power  
A&P 2882132 IA

May 16, 2014

N223JM

TTAF/Tach: 1078.4

Cessna T182T

S/N: T18208484

Hobbs: 1202.4

DATE

NATURE,  
TYPE

1. Performed an Annual Inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.

2. See AD listings for AD compliance.

3. C/W AD2011-26-04 To prevent failure of fuel injector lines and clamps by visual inspection.

4. C/W AD2013-11-11 Oil pressure switch by visual inspection, switch due for replacement by TTAF: 3000.0.

5. Removed and replaced Stand-by battery with new P/N S4236-7, S/N 14E495.

6. Removed and reinstalled O2 bottle after hydro test by Precision Aircraft, See Log entry dated 05/07/2014.

7. Removed and replaced beacon bulb with new P/N 34-0041987-02.

8. Removed and replaced nose tire and tube with new Goodyear FSII 5.00-5 6ply tire and tube.

9. Removed and replaced left main tire and tube with new Goodyear FSII 6.00x6 6ply tire.

10. Removed and replaced one bearing and race on nose wheel with new P/N 08125 and 08231.

11. Removed and replaced vacuum relief filter with new P/N B3-5-1.

12. Inspected ELT in accordance with 14CFR91.207 (d), Replaced battery with new battery due: Aug/2015.

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



Legacy Air, Inc  
11905 Corporate Way  
Broomfield, CO 80021  
303-404-0277

Curt Lee Power  
A&P 2882132 IA



7625 S. Peoria D-14  
Englewood, CO 80112

Maintenance Log Entry


05/07/14

DATE	TOTAL
	IN SER
	HOURS

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

Serial No. 14199	Part No. 1270152-2	Tested to: 3100 psi	Next due: 5/17
---------------------	-----------------------	------------------------	-------------------

Removed regulator P/N: 804881-03 S/N: C05090109 from the above referenced oxygen cylinder and performed hydrostatic test in accordance with IAW 49 CFR 180.205 and CGA pamphlet C-6.2. Reinstalled regulator as is. Pressurized cylinder with ABO to 1800 psi. Performed leak check. No leaks noted. All pertinent information is on file at this repair station under INV-144138.

Signed:  Mike Cronk  
FAA CRS PE5R116N DOT RIN 1401


DATE	TOTAL
	IN SER
	HOURS

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER


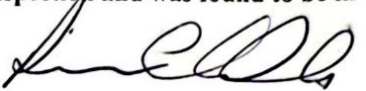
7.31.2014  
N223JM  
Cessna T182  
SN T18208484  
Hobbs: 1238.7



1. Drained oil from engine. Removed and replaced oil filter with new P/N CH48110-1, cut open old filter and inspected for contaminants none found. Serviced engine with 9 qts of Phillips XC 20W-50. Ground ran engine for leak check, no leaks noted
2. Found cable slipping when attempting to arm. Tried to rig but to no avail. Pulled apart the overhead to access the handle. Found inner cable moving but outer housing slipping in clamp. Verified rigging, tightened the clamp. Oxygen system ops checked good. Put the overhead back together. Serviced system with oxygen as required. Maintenance performed IAW T182 AMM 35-01-00

I certify that this aircraft is airworthy for the work performed.

  
Mike James  
A+P/IA 3053958



DATE		TTAF/TTE/TTP/Tach: 1128.2 Hobbs: 1257.8	ATURE, /PE
06/12/2015	Cessna T182T N223JM S/N: T18208484		
	1. Performed an annual inspection in accordance with 14 CFR 43, Appendix "D" and the Cessna Maintenance Manual.		
	2. See AD listings for AD compliance.		
	3. Replaced ELT battery with new, 2020-REV-A. Inspected ELT in accordance with 14 CFR 91.207. Battery due: 12/2016.		
	4. Replaced vacuum relief filter with new, B3-5-1.		
	5. Removed standby battery, charged and re-installed.		
	I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.		
	 Legacy Air, Inc 11905 Corporate Way Broomfield, CO 80021 303-404-0277	 Richard E. Marcellus A&P 2882133 IA	

DATE		Date: 6/8/2016	TURE, 'E
	 Teton Aviation Center 675 Airport Rd. Driggs, ID 83422 208-354-3100	Tach Time: 1220.3	
		Total Time: 1220.3	
	Accomplished annual inspection. Opened all inspection panels. Inspected all controls for security and operation. Inspected ELT IAW FAR 91.207 (d) ops check good and battery due December 2016. Cleaned and inspected wheel bearings, serviced with Mobil SHC 100 grease. Replaced brake linings with new P/N RA66-105. Replaced lower right cowl mount receptacle with new "Mil spec" P/N CM1. Replaced alternator belt with new P/N 390K4E. Prop was off for alternator belt replacement so replaced O ring on install with new P/N C3317-228. Replaced nose wheel tow bolt with new P/N AN5-51A. Replaced induction air filter with new P/N P10-6150. Replaced main ships battery with new G-243. Researched AD compliance through this date. I certify that this aircraft was inspected IAW an annual inspection per FAR 43 app D and was found to be in airworthy condition at this time.		
	Or + Oil Change accomplished I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service. Chris Neuman  IA 2764941		



DATE

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

SIGNATURE, E TYPE ER

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.  
Work Order # 12,389 CRS# BX4R092M

Signed

Date 2-14-17

Tach 1433.3

N 2235m

1283.6

Performed operational flight in accordance with FAR 91.407 Paragraph (b).

Signed

Mark K. Moore MECE 263064482

DATE



Teton Aviation Center  
253 Warbird Lane  
Driggs, ID 83422  
208-354-3100

Date: 06-09-2017

SIGNATURE, E TYPE ER

Tach Time: 1304.5

Total Time: 1304.5

Removed and sent out the oxygen bottle for hydrostatic test. Reinstalled and serviced next hydrostatic test is due 05/2020. Installed a new ELT battery P/N 2020 next due May 2019. Inspected the ELT IAW FAR part 91.207 (d) ops check good. Lubricated the control cables. Installed new chafe tape the LH and RH inboard wing struts. Removed corrosion in the cabin on the floor under the fire extinguisher mount point and painted. Adjusted the RH flap rigging following the Cessna Maintenance Manual. Adjusted the elevator cable tension following the Cessna Maintenance Manuals. Serviced the nose strut with nitrogen. Removed two nut plates for the fire extinguisher mount and installed new nut plates P/N ms21047L3. Cleaned the spinner and installed chafe tape. Replaced the propeller heat boot on one blade with a new boot P/N B-40245-53 S/N 67993 and new strap P/N B-40251.

I certify that the repairs/inspections identified above were performed in accordance with current FARs and is approved for return to service.

ATP 3684393

DATE



Teton Aviation Center  
675 Airport Rd.  
Driggs, ID 83422  
208-354-3100

Date: 6/9/2017

Tach Time: 1304.5

Total Time: 1304.5

SIGNATURE,  
TYPE  
SER

Performed Annual inspection IAW 14 CFR 43 Appendix D and the Cessna T182T maintenance manual. Airworthiness Directives checked through this date, see compliance list. I certify that this aircraft has been inspected IAW an Annual inspection and was found to be in airworthy condition.

I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service.

*[Signature]* 3394089 IA


DATE



Teton Aviation Center  
675 Airport Rd.  
Driggs, ID 83422  
208-354-3100

Date: 22 June 2018  
N 223JM

Tach Time: 1356.7

Air Frame Total Time: 1356.7

SIGNATURE,  
TYPE

Performed an Annual Condition Inspection and service IAW FAA regulations, and the manufactures maintenance manual where applicable. ELT Checked Per 91.207 par. D, test OK. Air filter element inspected. Serviced gascolator. All ADs checked through 22 June 2018. Post inspection ground run and leak check, OK.

I certify that this Aircraft has been inspected IAW an Annual Condition Inspection as well as the scope and detail of FAR 43 Appendix D, and found to be in airworthy condition.

I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service.

*[Signature]* IA 3413092 A&P


DATE



# VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

**N223JM SN: T18208484 Tach: 1365.6 DATE 04/16/19 W.O. AV7843**

The Altimeter systems, Altitude Reporting Equipment and Transponder have been tested and inspected as required by FAR 91.217, 91.411 in accordance with Part 43 Appendix "E" and FAR 91.413 in accordance with Part 43 Appendix "F". Aircraft static systems leak tests good. Altimeter and ADC tested to 35,000 ft.

Air Data/GDC-74A	PN 011-00882-00	SN 47802241
Altimeter/Unilted	PN 5934PAD-3D	SN 449130
Transponder/GTX-33	PN 011-00779-10	SN 89105680

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

*Gary S. Conover*  
Gary S. Conover  
Inspector

SIGNATURE,  
TYPE  
R

## MAINTENANCE RECORD

DATE



# VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

**N223JM TACH 1365.7 H.M. 1523.2 DATE 4/17/2019 W.O. SV5848**

AIRCRAFT S/N: T18208484


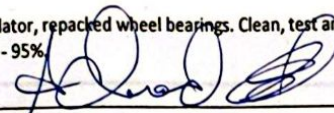
REMOVED EXHAUST TAIL PIPE ASSEMBLY AND REPLACED WITH AWI OVERHAUL ASSEMBLY P/N: 0750644-1 WITH NEW GASKET P/N: 75845 AND NEW TAILPIPE CLAMP P/N: S1921-2. REPLACED LEFT & RIGHT WING FUEL GRADE PLACARDS P/N: S2608-1. REMOVED CO DETECTOR P/N: 452-201-006 S/N: 86180 AND INSTALLED NEW CO DETECTOR P/N: 452-201-010 S/N: 100180. REPLACED AMSAFE INFLATOR BOTTLES WITH NEW P/N 512847-401, S/N'S Z7181296087, Z718129197, Z7172297013, Z7172297014. AMSAFE SYSTEM TESTED WITH DIAGNOSTIC BOX. INSPECTED VACUUM PUMP PER TEMPEST SB-008 AND FOUND SATISFACTORY, THIS INSPECTION SHOULD BE PERFORMED EACH 100 HRS. UNTIL PUMP REPLACEMENT. REPLACED VACUUM REGULATOR FILTER P/N: B3-5-1. REPLACED CONTROL YOKE MAPLIGHT BULB P/N: 28RB. REPLACED LEFT & RIGHT MAIN LANDING GEAR FAIRINGS P/N'S: 0741639-15S, 0741639-16S. REPLACED ELT BATTERY P/N: 2020, EXPIRATION DATE 7/2020. ELT INSPECTED & TESTED ELT PER FAR 91.207(d). SB07-27-01 ELEVATOR TRIM ACTUATOR INSPECTION DOES NOT APPLY BY ACTUATOR P/N: 1260074-7. COMPLIED WITH SB07-11-02 AMSAFE INFLATABLE RESTRAINTS FLIGHT MANUAL SUPPLEMENT BY UPDATING P.O.H. WITH AMSAFE SUPPLEMENT E508810 REV. D. UPDATE P.O.H. WITH TEMPORARY REVISIONS TR01, TR02 & TR03. SB07-34-06 GARMIN G1000 GRS-77 AHSR INSPECTION DOES NOT APPLY BY UNIT S/N: 42000529. SB07-71-04 INCORRECT CYLINDERS IN CYLINDER KITS DOES NOT APPLY, CYLINDER KIT(S) HAVE NOT BEEN INSTALLED. SB08-34-03 FORWARD LOOKING TERRAIN AVOIDANCE ALERT HAS BEEN PREVIOUSLY ACCOMPLISHED BY TERRAIN DATABASE 08T2. SB08-34-04 GARMIN G1000 GDC-74A AIR DATA COMPUTER REPLACEMENT DOES NOT APPLY BY UNIT S/N: 47802241. COMPLIED WITH **AD 2008-26-10C** BY INSPECTION OF ALTERNATE STATIC VALVE PER SB08-34-02R1 & FOUND STATIC PORT UNOBSTRUCTED. SEL-73-01 & SEL-73-02R1 ENGINE DRIVEN FUEL PUMP INSPECTIONS DO NOT APPLY BY PUMP MFR. SEL-28-01 FUEL LINE INSPECTION DOES NOT APPLY BY AIRCRAFT S/N & AFFECTED LINES HAVE NOT BEEN INSTALLED. SEB-24-02 LAMAR ELECTRICAL JUNCTION BOX MODIFICATION WILL BE REQUIRED UPON REPLACEMENT OF ALTERNATOR CONTACTOR WITH P/N: X61-0029. SEL-61-01 PROPELLER GOVERNOR INSPECTION, GOVERNOR IS NOT AFFECTED BY S/N. SEL-71-07 LYCOMING ENGINE CONNECTING ROD INSPECTION PER SB 6328 DOES NOT APPLY BY ENGINE S/N.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

*Bill Prince*  
BILL PRINCE, INSPECTOR


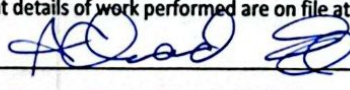
SIGNATURE,  
TYPE  
BER

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
				
	<b>ENGINE LOG</b>			
	N223JM Hobbs: 1,537.4	Model: T182T Tach: 1,328.8	S/N: T18208484 W.O.# CSV-19-0613	Date: 4/19/2019 ACTT:
Serviced gascolator, repacked wheel bearings. Clean, test and rotated spark-plugs, serviced air filter, tested ELT- battery due June 2020, performed battery capacity check - 95%.				
Signed:  For:				
<b>LEADING EDGE JET CENTER, LLC.</b> <small>FAA certified Repair Station #H6MR063L 63132 Powell Butte Hwy Bend, OR 97701 541-388-0019</small>				


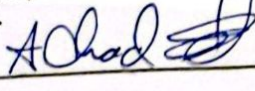
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
				
	<b>AIRCRAFT LOG</b>			
	N223JM Tach: 1537.4	Model: T182T Hobbs: 1537.4	S/N: T18208484 W.O.# CSV-19-0161	Date: 5/1/2019
Performed an <b>Annual Inspection</b> on this aircraft in accordance with Cessna Maintenance Manual 182SMM, Rev. 20 dated 9/1/2016, Section 5. Tested and inspected ELT in accordance with Title 14 CFR 91.207(d), no defects noted, next battery replacement next due 6/2020. Serviced gascolator. Repacked wheel bearings. Serviced air filter. Performed battery capacity checked, checks good at 95%. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Pertinent details of work performed on file at this location.				
Signed:  For:				
<b>LEADING EDGE JET CENTER, LLC.</b> <small>FAA certified Repair Station #H6MR063L 63132 Powell Butte Hwy Bend, OR 97701 541-388-0019</small>				


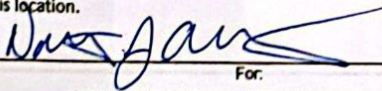
## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
				
	<b>ENGINE LOG</b>			
	N223JM Hobbs: 1,537.4	Model: T182T Tach: 1,328.8	S/N: T18208484 W.O.# CSV-19-0613	Date: 4/19/2019 ACTT:
Performed annual/inspection drained engine oil and serviced with 8 quarts Phillips 66XC 20-50 oil. Replaced oil filter with new P/N Ch48110-1, cut oil filter and inspected- no debris. Clean, test and rotated spark-plugs. Complied with AD 2015-19-07 by performing a visual inspection of fuel injection lines, hoses, clamps and hardware, no defects noted. Next inspection due at 1640 hours Hobbs time, or if any fuel injection ports are loosened or moved. Work performed in accordance with Lycoming service bulletin # 342 G. dated July 16, 2013. Performed compression test- #1 78/80 #2 77/80 #3 79/80 #4 79/80 #5 78/80 #6 78/80. I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Pertinent details of work performed are on file at this location.				
Signed:  For:				
<b>LEADING EDGE JET CENTER, LLC.</b> <small>FAA certified Repair Station #H6MR063L 63132 Powell Butte Hwy Bend, OR 97701 541-388-0019</small>				

**MAINTENANCE RECORD**


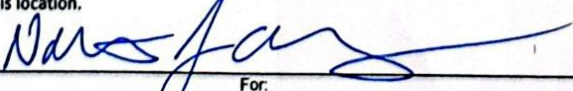
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, TYPE
	HOURS	10THS		

<b>ENGINE LOG</b>			 LEADING EDGE JET CENTER Date: 7/8/2019
N223JM Hobbs: 1,600.5	Model: T182T	S/N: T1820848A W.O.# CSV-19-0151	
Performed 50 hour oil service. Drained engine oil. Removed and inspected filter, no discrepancies. Installed new filter P/N CH48110-1 and serviced with 8 quarts of Phillips 66 XC multiviscosity 20W-50. Work done referencing Lycoming SB490F dated 5/2017, next due at ACTT:1650.5.			
Signed: 		For: <b>LEADING EDGE JET CENTER, LLC.</b> <small>FAA certified Repair Station #14849923 63132 Powell Butte Hwy Bend, OR 97701 541-398-0019</small>	

<b>Airframe Log</b>			 LEADING EDGE JET CENTER Date: 4/23/2020
N223JM Hobbs: 1799.4	Model: T182T Tach: 1609.1	S/N: T1820848A W.O.# CSV-20-0491	
Removed vacuum pump, P/N AA3215CC, S/N N35951, and replaced with new, P/N AA3215CC, S/N OBL020, in accordance with Cessna T182 MM, 182SM, Rev. 20 dated 9/1/2016, Section 37-10-00. Pertinent details of work performed on file at this location.			
Signed: 		For: <b>LEADING EDGE JET CENTER, LLC.</b> <small>FAA certified Repair Station #14849923 63132 Powell Butte Hwy Bend, OR 97701 541-398-0019</small>	

**MAINTENANCE RECORD**

DATE	DESCRIPTION OF THE WORK PERFORMED	NATURE, TYPE
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<b>AIRFRAME LOG</b>			 LEADING EDGE JET CENTER Date: 4/23/2020
N223JM ACTT: 1609.1	Model: T182T Tach: 1609.1	S/N: T1820848A W.O.# CSV-20-0545	
Performed an Annual Inspection on this aircraft in accordance with Title 14 CFR 43 Appendix D and with reference to Cessna T182T AMM 182SMM, Rev. 20 dated 9/1/2016. Replaced ELT battery with new, P/N 2020. Tested and inspected ELT in accordance with Title 14 CFR 91.207(d), no defects noted. ELT battery replacement next due 4/2022. Removed aircraft battery, G243, S/N G02922519, and replaced with new, P/N G243, S/N G03063879. Removed oxygen bottle, placarded "oxygen system inop" in accordance with Title 14CFR 91.213(d), amended weight and balance and equipment list, see temporary weight and balance dated 4/23/2020. Removed fire extinguisher, P/N C352, S/N X-80015, and replaced with new, P/N C352, S/N F-75058447, initial weight 4 lbs 11 oz. Stop drilled left MLG fairing crack. Installed new vacuum filter, P/N ARB3-5-1. Serviced gascolator and installed new o-rings, P/N M83248-1-111 and M83248-1-138. Checked AD's for compliance through bi-weekly update 2020-08. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Pertinent details of work performed on file at this location.			
Signed: 		For: <b>LEADING EDGE AVIATION, INC</b> <small>FAA certified Repair Station #14849923 63132 Powell Butte Hwy Bend, OR 97701 541-398-0019</small>	





MAINTENANCE RECORD

DATE



**VAN BORTEL AIRCRAFT INC™**

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

**N223JM TACH & TOTAL 1677.2 H.M. 1876.1 DATE 5/11/2021 W.O. SV10097**

AIRCRAFT S/N: T18208484 ENGINE S/N: L-12247-61A PROPELLER S/N: 060971

PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 1825MM21. COMPLETED THE ONE YEAR ESSENTIAL & CROSS FEED DIODE TEST (246101), STANDBY BATTERY CAPACITY TEST & RECHARGE (243005) & AMSAFE RESTRAINTS DIAGNOSTIC TEST (251102). COMPLETED THE TWO YEAR ACU OVERVOLT TEST (246003). ELT INSPECTED & TESTED ELT PER FAR 91.207(d). ELT BATTERY EXPIRES 4/2022. REPLACED NOSE WHEEL TIRE WITH NEW P/N: 505C61-8. REPLACED LEFT MAIN WHEEL TIRE WITH NEW P/N: 606C61B1. CLEANED AND GREASED ALL WHEEL BEARINGS. REPLACED VACUUM CENTRAL FILTER P/N: AAD9-18-1 & REGULATOR FILTER P/N: B3-5-1. REMOVED AMSAFE ELECTRONIC MODULE ASSEMBLIES (EMA) P/N: 508358-421 S/N'S: 04OCT05-45, 12OCT05-28 AND INSTALLED AMSAFE RECERTIFIED EMA'S P/N: 508358-421 S/N'S: RA19APR21-11, RA19APR21-12. SEE AMSAFE WO# 190253-1. REPLACED LEFT AFT & RIGHT FORWARD LOWER AIR VENT MOUNTING NUTS P/N: MNI1725-1. REPLACED TWO BAGGAGE COMPARTMENT CARGO EYE BOLTS P/N: FD-2997M34-2. CORRECTED OXYGEN CONTROL CABLE ATTACHMENT AT REGULATOR WITH STUD P/N: 10005189 & SPACER P/N: 10005265. SERVICED OXYGEN SYSTEM. REPLACED TURBO AIR INLET DUCT P/N: SCAT-11. REPLACED LEFT MAIN LANDING GEAR FAIRING P/N: 0741639-155 AND ENTRY STEP TREAD P/N: 0741623-4. REPLACED LEFT & RIGHT ELEVATOR TIPS P/N'S: 9910100-7, 9910100-8. REPLACED RIGHT STABILIZER TIP P/N: 9910100-5. SEL-74-06R1 SLICK MAGNETO INSPECTION PER SLICK SB1-19 DOES NOT APPLY BY S/N'S OF MAGNETOS. SEL-61-01 (AD 2020-19-06) PROPELLER GOVERNOR IDLER GEAR BEARING INSPECTION DOES NOT APPLY BY GOV. S/N: 051618 & AFFECTED PART HAS NOT BEEN INSTALLED. AD'S CHECKED THROUGH 2021-10.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

*Paul Park*  
PAUL PARK, CHIEF INSPECTOR

SIGNATURE,  
TYPE  
R

MAINTENANCE RECORD

DATE TOTAL T  
IN SERV  
HOURS

Work Order: N223JM  
Printed: 6/17/2021

Work Order: AV21-05538

Page: 1 of 1

Sold To: Jarrod Humerayer  
P.O. Box 537  
Cresson, OK 74055

Work Order: AV21-05538  
Acct Number: (918)955-2017

Opened: 6/09/2021  
Close Date: 6/17/2021

**Aircraft Number:** N223JM  
**Eng# Type:** S/N  
**Type:** CESSNA  
**SIN:** T182T

**Discrepancy: 1**  
Action Taken:  
Ground checked autopilot, autopilot functions worked on the ground. Hooked lap top to autopilot and ran the diagnostics, found trim runaway error in the diagnostics files.

**Discrepancy: 2**  
Action Taken:  
Removed trim servo.

**Discrepancy: 3**  
Action Taken:  
PRELIMINARY INSPECTION: Found screw for solenoid loose inside case.  
WORK PERFORMED: Reinstalled loose screw and cleaned connections. Bench checked and certified in reference to report number CA10-Revt1 dated 2001.

**Discrepancy: 4**  
Action Taken:  
Reinstalled trim servo. Ground checked, ok. Closed up aircraft for setup flight.

**Discrepancy: 5**  
Action Taken:  
Flew aircraft June 15th, autopilot flew good in all modes.

**Miscellaneous Charges:**

**Totals:**

SubTotal: \$  
Charges: \$  
Misc Support: \$

The articles and/or work herein described is/are certified airworthy (unless otherwise specified).  
Autopilot Center, Inc. FAA CRS CM28747K  
Authorized Signature: *[Signature]*  
Parts installed may be FAA/PMA'd or STC's parts and not of Original Equipment Manufacturer (OEM) and as such are not covered by the OEM's Warranty.

HORIZONTAL SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER




Autopilot's Central Inc.  
3112 North 74th East Avenue  
Tulsa International Airport - Tulsa, OK 74115  
(918)856-6418 - Fax (918)832-0198  
FAA CRS CM28747K  
Lookbook Entry



**MAINTENANCE RECORD**

DA	 <p align="right">Hangar 23, Tulsa International Airport-Tulsa, OK 74115 (918)836-6418</p> <p>Date: 8/26/2021; Aircraft: N223JM N223JM T182T s/n: T18208484 ACTT: 1732.2 MA21-06560 Date: 08/26/2021 Discrepancy: 1 Nose tire went flat. Replace tire and tube. Retrieved N223JM from taxiway echo on runway 18left. Removed nose wheel landing gear fairing for lift purposes. Removed nose tire. disassembled, found hole in tube. Replaced tire and tube reassembled. Serviced tire per mm. Installed wheel fairing. Operational check OK.</p> <p>The articles and/or work hereon described is/are certified airworthy (unless otherwise specified). Autopilots Central, Inc. FAA CRS CM2R747K Authorized Signature: <u><i>Ken Fisher</i></u></p>	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
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**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p><b>KELLY AEROSPACE</b> Thermal Systems N223JM S/N T18208484 Hobbs: 1977.5 16 December 2021</p> <p>Installed Kelly Aerospace Electric AC STC SA02006CH as per Drawing list NC-08-007 Rev: AN. See 337 dated 12/16/2021. Installed AFMS NC-08-005 Rev H in Pilot Operation Handbook. Updated Weight and balance information. System ops checks normal.</p> <p>Kane Clark A&amp;P 4498742</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	DESCRIPTION OF REPAIRS PERFORMED	AUTHORIZED SIGNATURE, DATE TYPE NUMBER
		<p>Low Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 ETER699D                      LOG ID# 3147 04-April-2022 WO# 52932 REF# 52932 HOBBS 2030.0                      N223JM S/N T18208484 CESSNA T182T</p> <p style="text-align: right;">Pg 1 / 1</p> <p>R&amp;R RH MAIN TIRE. INSTALLED SERVICABLE 6.00-6 TIRE ON THE RH MAIN AND NEW TUBE. ALL WORK COMPLETED IN REFERENCE WITH CESSNA T182T MM.</p> <p>MAINTENANCE RELEASE / RETURN TO SERVICE CRS# ETER699D</p> <p>THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.</p>	<p style="text-align: right;">Pg 1 / 1</p> <p style="text-align: right;">4/4/2022 DATE 2022</p>
		<p>INSPECTOR / AUTHORIZED SIGNATURE <i>[Signature]</i></p>	<p style="text-align: center;">ETER699D CERTIFICATE #</p>

DATE	TOTAL TIME IN SERVICE HOURS	DESCRIPTION OF REPAIRS PERFORMED	AUTHORIZED SIGNATURE, DATE TYPE NUMBER
		<p>Low Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 ETER699D                      LOG ID# 3274 23-May-2022 WO# 53021 REF# 53021 HOBBS 2048.6                      N223JM S/N T18208484 CESSNA T182T TACH 1826.1</p> <p style="text-align: right;">Pg 1 / 2</p> <p>ANNUAL INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH FAR 43 APPENDIX. FUNCTION TEST ELT PER FAR91.207. NEXT BATTERY REPLACEMENT DUE MAY 2024.</p> <p>COMPLIED WITH AD 2013-11-11.</p> <p>TROUBLESHOT RIGGING OF RUDDER TRIM. RIGGED CONTROL WHEEL/STOPS TO APPROPRIATE LOCATIONS. OPS CHECKED GOOD. ALL WORK COMPLETED IN REFERENCE WITH CESSNA 182MM.</p> <p>REMOVED RH MAIN TIRE. INSTALLED NEW RH MAIN TIRE PN: 301-002-006 SN: 13480232. SYSTEM RAMP CHECK OPERATIONAL. WORK PERFORMED IN REFERENCE WITH CESSNA T182T AMM.</p> <p>REMOVED LH MAIN TIRE. INSTALLED NEW LH MAIN TIRE PN: 606C66-8 SN: 12990127 AND TIRE INNER TUBE PN: TR20. SYSTEM RAMP CHECK OPERATIONAL. WORK PERFORMED IN REFERENCE WITH CESSNA T182T AMM.</p> <p>REMOVED AND REPLACED BRAKE LININGS PN: RA66-105. SYSTEM RAMP CHECK OPERATIONAL. WORK PERFORMED IN REFERENCE WITH CESSNA T182T AMM.</p> <p>REMOVED NOSE STRUT AND REPLACED ALL INNER O-RINGS. SERVICED WITH 5606 AND NITROGEN. REINSTALLED ON AIRCRAFT. OPS CHECKED GOOD. ALL WORK COMPLETED IN REFERENCE WITH CESSNA T182T MM.</p> <p>T/S PROP HEAT AND DETERMINED THE CONTROL BOX TO BE AT FAULT. NO FURTHER ACTION TAKEN. ALL WORK COMPLETED IN REFERENCE WITH CESSNA 182T MM.</p> <p>REMOVED LANDING LIGHT AND INSTALLED CUSTOMER SUPPLIED LIGHT P/N: LSM-SCD-042-1. ALL WORK COMPLETED IN REFERENCE WITH WHELEN AEROSPACE TECHNOLOGIES INSTALLATION INSTRUCTIONS LSM-500-122 REV D DATED 06/08/20.</p> <p>REMOVED RH GEAR FAIRING ATTACH BRACKET AND INSTALLED A NEW BRACKET P/N: 0741647-16. ALL WORK COMPLETED IN REFERENCE WITH CESSNA 182T MM.</p> <p>DISCOVERED AND CORRECTED NUMBER 4 EGT PROBE CONNECTION, CLEANED AND RESEATED. GROUND RAN NO FUTURE ISSUES NOTED AT THIS TIME. ALL WORK COMPLETED IN REFERENCE WITH CESSNA 182T MM.</p> <p>REMOVED GEAR71 CLEANED AND RESEATED TO ATTACHING PLUGS. ALL WORK COMPLETED IN REFERENCE WITH CESSNA 182T MM.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN REFERENCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED USING FAA AND ARE CURRENT AS OF THIS DATE.</p>	<p style="text-align: right;">Pg 1 / 2</p>

Continued to next page →





United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA02006CH

*This certificate issued to* Kelly Aerospace  
Thermal Systems, LLC  
1625 Lost Nation Road  
Willoughby, OH 44094

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product - Type Certificate Number:* \* \* See attached FAA Approved Model List (AML)  
*Make:* \* No. SA02006CH for a list of approved airplane  
*Model:* \* models and applicable airworthiness regulations

*Description of Type Design Change:* Installation of air conditioning system in accordance with Kelly Aerospace Installation Instructions as listed on AML No. SA02006CH, or later FAA approved revisions.

*Limitations and Conditions:*

1. Airplane Flight Manual Supplement as listed on FAA Approved Model List (AML) No. SA02006CH, or later FAA approved revisions, is required on board the modified aircraft.
2. Instructions for Continued Airworthiness (ICA) as listed on FAA Approved Model List (AML) No. SA02006CH, or later FAA approved revisions, should be incorporated into the aircraft maintenance program.
3. A copy of this certificate and FAA Approved Model List (AML) No. SA02006CH, amended August 17, 2006, or later FAA approved revisions must be maintained as part of the permanent records for the modified aircraft.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* January 17, 2003

*Date reissued:* December 1, 2005

*Date of issuance:* July 15, 2004

*Date amended:* August 17, 2006



*By direction of the Administrator*

*Charles L. Smalley*

(Signature)

Charles L. Smalley  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

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