
AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION

T18208293 N912VM

RECORD NUMBER 2

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.417 and/or other prevailing government regulations.

Note: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the appropriate Engine/Propeller/Avionics Maintenance Record.

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MAINTENANCE RECORD

Registration: **N912VM** Date: **2/28/2013** Tach: **1908.8** TTIS: **1908.8** **AIRFRAME**

Cleaned aircraft. Replaced STANDBY battery with new Cessna P/N S4263-7, S/N 12J206. Removed, inspected, serviced, re-charged and re-installed main battery. Replaced two rivets on left cowl flap. Complied with Service Bulletin, SEB-27-01R2, Control Column Internal Glide Attach Screw Installation. Removed all wheels and tires for Annual Inspection. Removed, cleaned, inspected, re-packed bearings. Replaced right MLG tire with new Goodyear Flight Custom III 6.00-6 tire, P/N 301-002-001, S/N 20947700 and replaced tube with new Goodyear P/N 302-246-401. Wheel through-bolts torqued (dry) to 150 in-lbs. per Cleveland Service Instructions. Tire service to 42 PSIG. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

J. Hart Van Meter

Registration: **N912VM** Date: **3/1/2013** Tach: **1908.8** TTIS: **1908.8** **AIRFRAME**

Removed and replaced left elevator bonding strap, Cessna P/N 1570102-1. Serviced and bled right brake with MIL-H-5606 fluid. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

J. Hart Van Meter

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **3/7/2013** Tach: **1908.8** TTIS: **1908.8** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with and limited to the requirements outlined in CFR Title 43 Appendix D and the current Cessna T182T Service Manual Section 05-00-00 Paragraph 2. B. (2) in accordance with CFR Title 14 Part 43.13 (a). Additional data required by CFR Title 14 Part 39 was used in compliance with applicable Airworthiness Directives. A list of discrepancies including airworthy items was given to the owner.

Darrell Irby A&P/IA 2785636

Darrell Irby



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS# VNFR171L

N912VM SN: T18208293 Tach 1914.1 DATE 04/04/13 W.O. AV6600

Removed the Turn Coordinator PN 1394T100-8RA SN E04-10706. Installed a Mid Continent Instruments OH/EX Turn Coordinator PN 1394T100-10RA SN 2302-52. Re-set Roll nubs in accordance with KAP-140 Maintenance Manual. Autopilot system tested in accordance with manufacturer's instructions.

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
Inspector

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **5/27/2013** Tach: **1922.2** TTIS: **1922.2** **AIRFRAME**

Removed and replaced damaged Air Data Computer rack with new Cessna P/N 011-01011-00. Operational check satisfactory. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **5/1/2013** Tach: **1922.2** TTIS: **1922.2** **AIRFRAME**

Removed oxygen bottle for 3 year hydrostatic test. Reference Bacon Equipment Invoice #140298. Re-installed bottle and leak tested system. Hydrostatic test next due 05/2016. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239

5-2-13

NOMENCLATURE

SERIAL NO.

NOMENCLATURE		SERIAL NO.	
TEST PT (FT)	INDICATOR READING	TEST PT (FT)	INDICATOR READING
00		16,000	✓
500	✓	18,000	-3
1000	✓	20,000	✓
1500	✓	22,000	✓
2000	✓	25,000	✓
2500	✓	30,000	
3000	✓	35,000	
4000	✓		
5000	✓		
6000	✓		
8000	✓		
10,000	✓		
12,000	✓		
14,000	✓		

50% H = 0 40% H = 0

50% H=

40% H=0

[illegible]

MAINTENANCE RECORD			
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED
	HOURS	10THS	
			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

AIRFRAME

Frank W. Meyer

AIRFRAME

J. Harkness

AIRFRAME

J. Harold W. Dutton

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

Registration: **N912VM** Date: **11/1/2013** Tach: **1982.3** TTIS: **1982.3** **AIRFRAME**

Complied with AD 84-26-02 by replacement of Induction Air Filter. Cessna P/N P106150. Due again at 2482.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

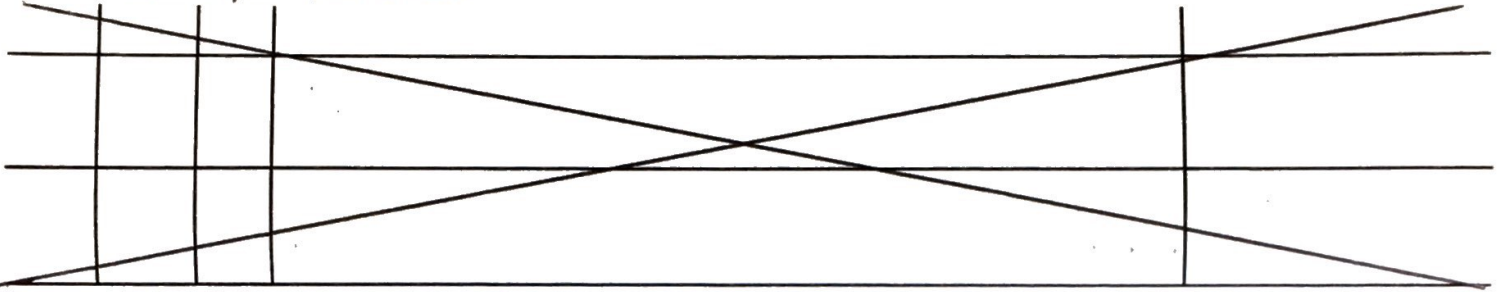
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **11/29/2013** Tach: **1994.0** TTIS: **1994.0** **AIRFRAME**

Replaced aircraft Main Battery with new Gill P/N G-243, S/N G02801664. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239



Registration: **N912VM** Date: **5/8/2014** Tach: **2051.3** TTIS: **2051.3** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, Sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and 1 year. Cleaned aircraft interior and exterior. Serviced aircraft brake reservoirs with MIL-H-5606. Cleaned and repacked all wheel bearings. Lubricated all flight controls. Inspected Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual Section 24-30-10. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed Fuel Strainer, cleaned and re-installed with new gasket, P/N 0756041-1 and O-ring, P/N MS83148/1-111. No debris found. Replaced forward bracket, Left Main Wheel Fairing, P/N 0741674-13, and mounting bolts, P/N NAS6205-36 and nuts, P/N MS21042L5 (2 each). Recalculated Weight and Balance for removed Main-Wheel Fairings. Complied with Airworthiness Directive 93-05-06; ACS Ignition Switch, per Cessna Service Bulletin SEB91-5R1 by installing Kit A-6250-2. Next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239

N912VM
Serial No: T18208293
Model: T182T
TACH: 2051.3

I certify that this Aircraft Cessna S/N T18208293, N912VM has been inspected with an Annual Inspection in accordance with FAR 43, appx. "D"
AD2013-11-11 Oil Pressure Switch replacement PCW 1963.0 hrs 18-Jul-2013. Next Due 4963.0 hrs
This Airframe & it's Accessories comply with all applicable AD's thru FAA B.W. 2014-09
This Aircraft was determined to be in an Airworthy Condition for return to service.

John M Efinger

John M Efinger IA 267630558

8-May-2014

MAINTENANCE RECORD

Registration: **N912VM** Date: **8/9/2014** Tach: **2075.7** TTIS: **2075.7** **AIRFRAME**

Replaced step tread, Cessna P/N 0741626-4, on left landing gear strut. Removed and replaced push-to-talk switches on both pilot's yokes with Cessna P/N 52870-1 PTT Switch. Checked both switches for normal operation. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.


J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **10/1/2014** Tach: **2085.4** TTIS: **2085.4** **AIRFRAME**

Installed Main Wheel Fairings. Recalculated Weight and Balance. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.


J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **10/31/2014** Tach: **2112.4** TTIS: **2112.4** **AIRFRAME**

Repaired crack at trailing edge seam of right wing tip with fiberglass reinforced epoxy layup. No significant change to weight and balance. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.


J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

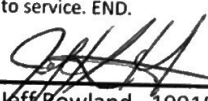
Registration: **N912VM** Date: **4/1/2015** Tach: **2133.4** TTIS: **2133.4** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, Sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and 1 year. Cleaned aircraft interior and exterior. Serviced aircraft brake reservoirs with MIL-H-5606. Cleaned and repacked all wheel bearings. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Installed Main Battery Charger Airframe Interface Kit, Model BM-AIK2, at Electrical Junction Box adjacent to External Power connector. All work IAW AC42.13-1B. Verified continuity, polarity, tested with charger and for proper aircraft electrical system operation. No defects noted at this time. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual Section 24-30-10. Replaced ELT Battery and tested ELT IAW 14CFR91.207. Operation normal. ELT Battery due date 04/30/2017. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed Fuel Strainer, cleaned and re-installed with new gasket, P/N 0756041-1 and O-ring, P/N MS83148/1-111. No debris found. Replaced Left Cowling Lord Mount, P/N J444-42. Recalculated Weight and Balance for removal of all Wheel Fairings. Airworthiness Directive 93-05-06; ACS Ignition Switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.


J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **4/1/2015** Tach: **2133.4** TTIS: **2133.4** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. AD2013-11-11. This Airframe & its Accessories comply with all applicable AD's through FAA BW 2015-06. This aircraft was determined to be in an Airworthy Condition for return to service. END.


Jeff Rowland, 1991577 A&P, IA

MAINTENANCE RECORD

Registration: **N912VM** Date: **4/15/2015** Tach: **2133.1** TTIS: **2133.1** **AIRFRAME**

Repaired misaligned left forward leg of rear bench seat by sawing a thin kerf in the leg and welding a patch in place after correcting alignment. Repair performed in accordance with AC 43.13-1B, Chapter 4, Section 5, Paragraph 4-96. Aircraft is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Form #8 (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: Garmin GDC-74A S/N: 47802094 Transponder Make/Model: Garmin GTX-33 S/N: 84700763
#2 Altimeter Make/Model: United 5934PAD-3D S/N: 434800 Encoder Make/Model: Garmin GDC-74 S/N: 47802094
The altimeter(s) were tested to 20K feet on 4/16/2015 Data correspondence was tested to 20K feet on 4/16/2015
The static system was leak tested on 4/16/2015

Signature *WJ* Date: 4/16/2015 NF: N912VM WO#: W15-054

North Texas Avionics
13338 Thornton Drive, Westlake, TX 76262
(817) 422-2714 FAA CRS F91R602X

Form #4 (rev 0)

GARMIN

CRS F91R602X

W/O # W15-054 ALT S/N 47802094

Barometric Pressure: 29.92 In Hg

TEST POINT	ALTIMETER READS	TEST POINT	ALTIMETER READS
-1,000	-1,005	12,000	11,995
0	-5	14,000	13,995
500	495	16,000	15,995
1,000	995	18,000	17,995
1,500	1,495	20,000	19,995
2,000	1,992	22,000	---
3,000	2,995	25,000	---
4,000	3,995	30,000	---
6,000	5,992	35,000	---
8,000	7,995	40,000	---
10,000	9,995	45,000	---

DATE: 4/16/2015 TESTED BY: *WJ*

North Texas Avionics

13338 Thornton Dr., Westlake, TX 76262 (817) 422-2714

This Altimeter has been certified to F.A.R. 43, Appendix "E"

Garmin GDC-74A 47802094 20K
Make / Model Serial # Max Altitude
4/16/2015 W15-054
Date WO # FAA CRS F91R602X

Form #4 (rev 0)

UNITED

CRS F91R602X

W/O # W15-054 ALT S/N 434800

Barometric Pressure: 29.92 In Hg

TEST POINT	ALTIMETER READS	TEST POINT	ALTIMETER READS
-1,000	-1,020	12,000	11,985
0	-15	14,000	13,995
500	484	16,000	16,000
1,000	990	18,000	18,010
1,500	1,490	20,000	20,030
2,000	1,990	22,000	---
3,000	3,000	25,000	---
4,000	3,995	30,000	---
6,000	5,988	35,000	---
8,000	7,985	40,000	---
10,000	9,985	45,000	---

DATE: 4/16/2015 TESTED BY: *WJ*

North Texas Avionics

13338 Thornton Dr., Westlake, TX 76262 (817) 422-2714

This Altimeter has been certified to F.A.R. 43, Appendix "E"

United 5934PAD-3D 434800 20K
Make / Model Serial # Max Altitude
4/16/2015 W15-054
Date WO # FAA CRS F91R602X

MAINTENANCE RECORD

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



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS# VNFR171L

N912VM SN: T18208293 Tach: 2134.9 DATE 09/28/15 W.O. AV6959

Removed Garmin GRS-77 AHRs P/N 011-00868-00 S/N 47402236. Installed factory overhauled Garmin GRS-77 AHRs P/N 011-00868-00 S/N 47405177. Loaded required system software and configuration files. The G1000 system function tested in accordance with Manufacturer's specifications.

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
Inspector

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **1/15/2016** Tach: **2137.5** TTIS: **2137.5** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, Sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and 1 year. Cleaned aircraft interior and exterior. Serviced aircraft brake reservoirs with MIL-H-5606. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual Section 24-30-10. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed Fuel Strainer, cleaned and re-installed with new gasket, P/N 0756041-1 and O-ring, P/N MS83148/1-111. No debris found. ELT Battery due date 04/30/2017. Airworthiness Directive 93-05-06, ACS Ignition Switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **1/19/2016** Tach: **2137.5** TTIS: **21.7.5** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. AD2013-11-11. This Airframe & its Accessories comply with all applicable AD's through FAA Bi-Weekly 2016-01. This aircraft was determined to be in an Airworthy Condition for return to service. END.

Jeff Rowland, 1991577 A&P, IA

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **3/5/2016** Tach: **2141.9** TTIS: **2141.9** **AIRFRAME**

Removed leaking electric fuel pump, Weldon P/N A 8185-B, S/N 109124. Pump overhauled by CJ Aviation, Work Order #24686. Reinstalled pump using new NAS1596-6 O-rings, torqued fuel lines connectors to 235 in.lb. per Cessna Maintenance Manual Specifications. Checked pump for leaks under pressure, no leaks or defects noted. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **10/30/2016** Tach: **2235.0** TTIS: **2235.0** **AIRFRAME**

Replaced both Lower Cowling Lord Mounts, P/N J444-42. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **11/12/2016** Tach: **2235.0** TTIS: **2235.0** **AIRFRAME**

Installed Main Wheel fairings and Nose Wheel fairing. Recalculated Weight and Balance and placed new W&B document in POH. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

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



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS# VNFR171L

N912VM SN: T18208293 Tach: 2252.0 DATE 01/11/17 W.O. AV7166

Removed existing GTX-33 Transponder PN 011-00779-00 SN 84700763. Installed a Garmin GTX-345R ADS-B Transponder with internal WAAS Receiver PN 011-03303-40 SN 3EH400582 and GA-35 GPS/WAAS Antenna PN 013-00235-00 SN 130822.

The Garmin GTX-345R ADS-B Transponder System was installed in accordance with STC#SA01714WI, reference FAA Approved Model List (AML) for applicability. The Garmin GTX-345R ADS-B Transponder was installed using the existing transponder antenna. Interfaced to the existing G-1000 system for display of ADS-B "In" Data. Interfaced to existing Audio Panel for traffic advisory call-outs.

Issued Garmin GTX-345 Transponder with ADS-B AFMS dated 08 March 2016.

For additional information refer to FAA form 337 dated this date.

The Weight & Balance and the Equipment List were revised to reflect these alterations.

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
Inspector

MAINTENANCE RECORD

Registration: **N912VM** Date: **4/15/2017** Tach: **2253.2** TTIS: **2253.2** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and one year. Cleaned aircraft interior and exterior. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual section 24-30-10. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed fuel strainer, cleaned and reinstalled with new gasket, P/N 0756041-1 and O-ring, P/N MS 83148/1-111. No debris found. ELT battery due date 04/30/2017. Removed Nose Landing Gear strut, disassembled, cleaned and installed new seals, O-rings and reinstalled on aircraft. Serviced strut with clean Royco 756 (MIL-H-5606) hydraulic oil and compressed air. Removed left Main Wheel Brake, disassembled, cleaned pistons and replaced brake piston O-rings due to leakage. Serviced both aircraft brake reservoirs with Royco 756 hydraulic oil. Replaced both Door Steward gas springs. Replaced Fuel Tube Assembly, P/N 0700806-14, between electric fuel pump and firewall fitting. Removed existing wingtips, position and strobe lights and associated power supplies. Installed Knots-2U RD-1100 wingtips incorporating Whelen Prometheus Plus landing lights, Whelen Orion 650 combination position/strobe lights per STC SA4337NM. Installed Precise Flight, Inc. PulseLite control system to control wingtip landing lights per STC SA4005NM, Aircraft Empty Weight increased by 3.65 pounds. Weight and Balance updated. Airworthiness Directive 93-05-06; ACS ignition switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **4/15/2017** Tach: **2253.2** TTIS: **2253.2** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. This Airframe & its Accessories comply with all applicable AD's through FAA Bi-Weekly 2017-07. This aircraft was determined to be in an Airworthy Condition for return to service. END.

Jeff Rowland, 1991577 A&P, IA

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **5/14/2017** Tach: **2253.2** TTIS: **2253.2** **AIRFRAME**

Pointer ELT Model 3000-11, Serial No. 33159 removed from aircraft for repairs due to expired battery and unavailability of replacement battery. ELT must be replaced by August 11, 2017. Placard stating "ELT not installed." placed in view of pilot This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Form 88 (rev 4)

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: Garmin GDC-74A S/N: 47802094

Transponder Make/Model: Garmin GTN-15R S/N: 3EH400582

#2 Altimeter Make/Model: United 5934PAD-3D S/N: 434800

Encoder Make/Model: Garmin GDC-74 S/N: 47802094

The altimeter(s) were tested to 20K feet on May 15, 2017

Data correspondence was tested to 20K feet on May 15, 2017

The static system was tested on May 15, 2017

Signature *[Signature]* Date: May 15, 2017 N#: N912VM WO#: W15-038

North Texas Avionics

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

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **5/29/2017** Tach: **2253.2** TTIS: **2253.2** **AIRFRAME**

Installed Pointer ELT Model 3000-11, Serial No. 33159. Replaced ELT Battery and tested ELT IAW 14CFR91.207. Operation normal. ELT Battery due date 05/31/2019. Removed "ELT not installed" placard. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **5/29/2017** Tach: **2254.7** TTIS: **2254.7** **AIRFRAME**

Removed inoperative PulseLite Control Module and de-activated Pulse function. Pulse function placarded inoperative per 14CFR43.11(b) and this de-activated function does not constitute a restriction of any operation. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **8/29/2017** Tach: **2268.5** TTIS: **2268.5** **AIRFRAME**

Reinstalled PulseLite Control Module, repaired faulty wiring and reactivated Pulse function. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Official Aircraft Records Do not Destroy</p> <p>Overall Aircraft Services LLC OVERALL AIRCRAFT SERVICES LLC P.O. BOX 1460 53690 AIRPORT RD SCAPPOOSE OREGON USA 97056 P.H. 503 543 6330 FAX 503 543 6339</p> <p>DATE 1/3/2018 WO# N/A</p> <p>AC TYPE CESSNA T182T</p> <p>AC SERIAL T18208293 N# 912VM</p> <p>Engine 1 S/No. UNKNOWN Prop 1 S/No. UNKNOWN</p> <p>Engine 2 S/No. NONE Prop 2 S/No. NONE</p> <p>Engine 1 TT UNKNOWN Prop 1 TT UNKNOWN</p> <p>Engine 2 TT NONE Prop 2 TT NONE</p> <p>Engine 1 TSOH UNKNOWN Prop 1 TSOH UNKNOWN</p> <p>Engine 2 TSOH NONE Prop 2 TSOH NONE</p> <p>Tach Time</p> <p>Hobbs Time 2572.9</p> <p>Aircraft TT UNKWN</p> <p>1 REPLACED MASTER / BATTERY SWITCH WITH NEW S3272-1 2 REPLACE ALTERNATOR FIELD BREAKER PN S1360-5L 3 TEST RAN ENGINE AND EXPERIENCED NO ABNORMALITIES</p> <p>MARK TRULIN AP3047312</p>	

MAINTENANCE RECORD

Registration: **N912VM** Date: **7/1/2018** Tach: **2294.9** TTIS: **2294.9** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and one year. Cleaned aircraft interior and exterior. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual section 24-30-10. Removed, cleaned, repacked and reinstalled all wheel bearings. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed fuel strainer, cleaned and reinstalled with new gasket, P/N 0756041-1 and O-ring, P/N MS 83148/1-111. No debris found. ELT battery due date 05/31/2019. Serviced both aircraft brake reservoirs with Royco 756 hydraulic oil. Airworthiness Directive 93-05-06; ACS ignition switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **7/1/2018** Tach: **2294.9** TTIS: **2294.9** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. This Aircraft and its Accessories comply with all applicable AD's through FAA Bi-Weekly 2018-14. A signed list of discrepancies and Airworthiness items dated July 1, 2018 has been presented to the aircraft owner. END.

Jeff Rowland, A991577 A&P, IA

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **8/9/2018** Tach: **2294.9** TTIS: **2294.9** **AIRFRAME**

Updated Garmin G1000 Loader per Garmin instructions. Installed software update v2.12 in Garmin GTX345R Transponder per Garmin instructions. All functional operations checked normal. Work done in accordance with Olympia Avionics, Inc. W/O 08-2018-912VM. This aircraft was serviced IAW current Garmin Service Manuals and FAA regulations and is approved for return to service. END.

William K Renner

William Renner, Olympia Avionics, Inc., Repair Certificate GC6R566N

Registration: **N912VM** Date: **12/15/2018** Tach: **2307.1** TTIS: **2307.1** **AIRFRAME**

Removed Pointer 3000 ELT, Antenna, control switch. Installed ACR Artex 345 ELT, Antenna, wiring, warning horn and control switch. Ported GPS data from No. 1 GIA63 to ELT by RS232 port No. 2. Confirmed ELT normal operation with certified Aeroflex IFR 4000 Test unit. ELT Battery due 12-31-2024 or after 1 hour of testing whichever occurs first. No change to weight and balance. Aircraft equipment records and POH Supplement Sections updated. This aircraft was serviced IAW current ACR, Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **6/1/2019** Tach: **2322.5** TTIS: **2322.5** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and one year. Cleaned aircraft interior and exterior. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual section 24-30-10. Removed, cleaned, repacked and reinstalled all wheel bearings. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed fuel strainer, cleaned and reinstalled with new gasket, P/N 0756041-1 and O-ring, P/N MS 83148/1-111. No debris found. ELT battery due date 05/31/2023. Serviced both aircraft brake reservoirs with Royco 756 hydraulic oil. Airworthiness Directive 93-05-06; ACS ignition switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **6/1/2019** Tach: **2322.4** TTIS: **2322.4** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. This Aircraft and its Accessories comply with all applicable AD's through FAA Bi-Weekly 2019-11. The aircraft was determined to be in an Airworthy Condition for return to service. END.

Joel Pressly

Joel Pressly, 3026517 A&P, IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: <u>0606-2019</u> Tail # <u>N912VM</u>	
			Certified the <u>Altimeter</u> per 91.411 IAW CFR part 43, paragraph B appendix E To 20,000 feet. Make <u>Garmin</u> Model <u>G1000 / GDC 74A</u>	
			Certified altitude <u>Encoder</u> per 91.411 IAW CFR part 43, paragraph C appendix E for 20,000 feet. Make <u>Garmin</u> Model <u>GDC 74A</u>	
			Certified the <u>Pitot/Static</u> system per 91.411, IAW CFR part 43, paragraph A appendix E	
			Certified the <u>Transponder</u> system per 91.413, IAW CFR part 43, appendix F Make <u>Garmin</u> Model <u>GTx 345-2</u>	
			Olympia Avionics Certified that this aircraft, or component thereof, was repaired Or altered in accordance with current FAA airworthiness regulations and in respect To that work, the aircraft is approved for return to service. Pertinent details are on File at this Repair Station. Work Order # <u>0609 N912VM</u>	
			INSPECTOR <u>[Signature]</u> FAA CRS # <u>GC6R556N</u> Olympia Avionics, 7708 Henderson Blvd. Olympia, WA 98501 PH: 360-357-3134 Form Oly 003 Rev 1	

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **7/12/2019** Tach: **2326.7** TTIS: **2326.7** **AIRFRAME**

Removed Structural Composites oxygen cylinder, P/N 1270152-2. Installed Worthington oxygen cylinder, P/N 1273185/313927, S/N 602-107386. Serviced cylinder with Aviator's Breathing oxygen, leak checked. New maximum servicing pressure 2216PSI. Pilot's Operating Handbook Limitations and Systems Sections and Weight and Balance are accordingly amended. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

[Signature]
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **4/1/2020** Tach: **2358.7** TTIS: **2358.7** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and one year. Cleaned aircraft interior and exterior. Lubricated all flight controls. Inspected, tested and serviced Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual section 24-30-10. Removed, cleaned, repacked and reinstalled all wheel bearings. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed fuel strainer, cleaned and reinstalled with new gasket, P/N 0756041-1 and O-ring, P/N MS 83148/1-111. No debris found. Tested ELT for 121.5 MHz and 406MHz operation. No defects noted. ELT battery due date 05/31/2023. Serviced both aircraft brake reservoirs with Royco 756 hydraulic oil. Airworthiness Directive 93-05-06; ACS ignition switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

[Signature]
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **4/1/2020** Tach: **2358.7** TTIS: **2358.7** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. This Aircraft and its Accessories comply with all applicable AD's through FAA Bi-Weekly 2020-07. The aircraft was determined to be in an Airworthy Condition for return to service. END.

Joel Pressly
Joel Pressly, 3026517 A&P, IA

Registration: **N912VM** Date: **4/20/2021** Tach: **2408.8** TTIS: **2408.8** **AIRFRAME**

ACR Artex ELT 345, S/N 379588-048 removed from aircraft for repair/replacement due to failure of 12 month inspection IAW 14CFR91.207. ELT must be replaced by July 19, 2021. Placard stating "ELT not installed." placed in view of pilot. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

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

Registration: **N912VM** Date: ^{2021 7nm} **4/20/2021** Tach: **2408.8** TTIS: **2408.8** **AIRFRAME**

Complied with Cessna Maintenance Manual, Chapter 5, sections 5-00, 5-10 for intervals at 50, 100, 200, 400, 500, 600, 1000, 2000 hours and one year. Cleaned aircraft interior and exterior. Lubricated all flight controls Installed new Gill 243 Main Aircraft Battery. Tested Standby Aircraft Battery in accordance with Cessna Maintenance Manual section 24-30-10. Removed, cleaned, repacked and reinstalled all wheel bearings. Serviced tires to 49 PSI-Nose and 42 PSI-Main. Removed fuel strainer, cleaned and reinstalled with new gasket, P/N 0756041-1 and O-ring, P/N MS 83148/1-111. No debris found. ELT removed for repair/replacement. Serviced both aircraft brake reservoirs with Royco 756 hydraulic oil. Airworthiness Directive 93-05-06; ACS ignition switch next due at 4051.3 hours TTIS. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **4/20/2021** Tach: **2408.8** TTIS: **2408.8** **AIRFRAME**

I certify an annual inspection of this aircraft was accomplished in accordance with 14 CFR § 43 Appendix D. This Aircraft and its Accessories comply with all applicable AD's through FAA Bi-Weekly 2021-08. The aircraft was determined to be in an Airworthy Condition for return to service. END.

Joel Pressly
Joel Pressly, 3026517 A&P, IA

MAINTENANCE RECORD

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

Registration: **N912VM** Date: **5/16/2021** Tach: **2413.2** TTIS: **2413.2** **AIRFRAME**

Installed new ACR Artex ELT 345, S/N 390993-014. Tested with Aeroflex IFR 4000 Nav/Comm test set. Operation normal, no defects. Restriction removed. ELT Battery replacement due April 2028. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **5/21/2021** Tach: **2415.2** TTIS: **2415.2** **AIRFRAME**

Removed and replaced right elevator tip with new Cessna P/N 123608-4. New tip attached with 10- each Cherrymax CR3213-4-3 rivets. Flight control balance unaffected. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter
J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: <u>07-01-2021</u> Tail # <u>N912VM</u>	
			Certified the <u>Altimeter</u> per 91.411 IAW CFR part 43, paragraph B appendix E To 20,000 feet. Make <u>Garmin</u> Model <u>GDC-74</u>	
			Certified altitude <u>Encoder</u> per 91.411 IAW CFR part 43, paragraph C appendix E for 20,000 feet. Make <u>Garmin</u> Model <u>GDC-74</u>	
			Certified the <u>Pitot/Static</u> system per 91.411, IAW CFR part 43, paragraph A appendix E	
			Certified the <u>Transponder</u> system per 91.413. IAW CFR part 43, appendix F Make <u>Garmin</u> Model <u>GTX-345R</u>	
			Olympia Avionics Certified that this aircraft, or component thereof, was repaired Or altered in accordance with current FAA airworthiness regulations and in respect To that work, the aircraft is approved for return to service. Pertinent details are on File at this Repair Station. Work Order # <u>0721912VM</u>	
			INSPECTOR <u>J. Hart Van Meter</u> FAA CRS # <u>GC6R556N</u> Olympia Avionics, 7708 Henderson Blvd. Olympia, WA 98501 PH: 360-357-3134 Form Oly 003 Rev 1	

N912VM Cessna T182T S/N: T18208293
Date: 9/16/2022 Tach 2,450.6 Hobbs 2,782.0 TTAF 2,450.6

Performed Annual Airframe inspection IAW FAR 43 appendix D checklist. Serviced oxygen to specifications. Removed pedestal and reindexed rudder trim indicator. Sealed both VHF antennas to airframe. Installed new tail skid, P/N: 13-17010. Replaced both L/H and R/H fuel cap gaskets with new, P/N: 06-00987. Installed new L/H and R/H fuel cap chains, P/N: C100085-3. Replaced L/H MLG tire with new 600X6 tire, P/N: 06-07900. Performed ELT inspection IAW FAR 91.207D. No defects noted. Battery expires 4/2028. Next due 4/2023. Lubricated airframe. Serviced wheel bearings with grease. No leaks. ops check good. Work performed IAW Cessna T182T Maintenance Manual.

I certify that this AIRFRAME has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition. Aircraft is approved for return to service.

Rickey Johnson A&P, IA #3797932 X
Bay Area Flying Club, 550 Airway Blvd, Livermore, CA 94552
Phone: 925-449-5025

N912VM Cessna T182T S/N: T18208293
Date: 10/03/2023 Tach 2,544.7 Hobbs 2,904.7 TTAF 2,549.5 TTP 2,549.5 SMOH 2,549.5
Type: 440660-40780VSB-1 S/N: 0411074

Performed 100-hour propeller inspection IAW FAR 43 Appendix D checklist. Replaced de-ice brush block with new, P/N: C40660. No further defects noted at this time. Work performed IAW Cessna T182T Maintenance Manual.

I certify that this PROPELLER has been inspected IAW a 100-hour inspection and was determined to be in an airworthy condition. Aircraft is approved for return to service.

Octavio Valdivia A&P, IA #3354239 X
Bay Area Flying Club, 550 Airway Blvd, Livermore, CA 94552
Phone: 925-449-5025

N912VM Cessna T182T S/N: T18208293
Date: 01/03/2023 Tach 2,544.7 Hobbs 2,898.0 TTAF 2,544.7

Replaced right landing gear tire with new Michelin 600-6 tire P/N 072-314-0. Work performed in accordance with Cessna T182T maintenance manual. Ops check good, no leaks. Aircraft is approved for return to service.

Vasilios Karapanos A&P #4197889 X
Bay Area Flying Club, 550 Airway Blvd, Livermore, CA 94552
Phone: 925-449-5025

← Entry entered in error
1/3/23 3797932
A&P, IA

N912VM Cessna T182T S/N: T18208293
Date: 1/27/2023 Tach 2,549.5 Hobbs 2,904.7 TTAF 2,549.5

Performed 100 hour airframe inspection IAW FAR 43 appendix D checklist. Replaced MLG tire with new 5X5.00 tire, P/N: 505C61-8. Replaced vacuum regulator filter with new, P/N: 10-01333. Replaced L/H MLG tire with new 6X6.00 tire, P/N: 072-314-0. Lubricated airframe. Serviced wheel bearings with grease. No leaks. ops check good. Work performed IAW Cessna T182T Maintenance Manual.

I certify that this AIRFRAME has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition. Aircraft is approved for return to service.

Rickey Johnson A&P, IA #3797932 X
Bay Area Flying Club, 550 Airway Blvd, Livermore, CA 94552
Phone: 925-449-5025

IC

Precision Static Testing Livermore, CA

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case
-1000	-1.2		-1.2	6501400
0	-1.5		0	
500	-1.5		0.5	
1000	-2.0	0	1.0	
1500	-2.0	0	1.5	
2000	-2.0	0	2.0	
3000	-2.0	0	3.0	
4000	-2.0		4.0	
5000	-2.0		5.0	
6000	-2.0		6.0	
8000	-2.0		8.0	
10000	-2.0	0	10.0	
12000	-2.0		12.0	
14000	-2.0	0	14.0	
15000	-2.0	0	15.0	
16000	-2.0		16.0	
18000	-2.0		18.0	
Hysteresis				
% Altitude Tested		Altitude Tested	Amount Hysteresis	
50%		15h	0	
40%		12h	0	
After Effect 0 Check Pitot Heat				
Baro. Scale Error (± 25 ft.)				
28.10	-1727	✓		
28.50	-1340	✓		
29.00	-863	✓		
29.50	-392	✓		
29.92	0	✓		
30.50	+531	✓		

DIED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER