Cessna
A Textron Company

AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T18208293 N912VM

RECORD NUMBER 1

D5517-2-13

UNITED INSTRUMENTS, INC.

This record should be
Federal Aviation Regi
ing government regul

Note: Record Service
this record as we
Maintenance Record.

SCALE CORRECTIONS

Alt. Reads	Add Algebraically Room Temp. °C	Low Temp. °C
-1000	-10	
0	0	
500	+5	
1000	+10	
1500	+10	
2000	+15	
3000	+15	
4000	+15	
6000	+10	
8000	0	
10000	-5	
12000	-5	
14000	-5	
16000	+5	
18000	+15	
20000	+20	
22000	+30	

ALTIMETER SER. NO. 434800

Alt. Reads	Add Algebraically Room Temp. °C	Low Temp. °C
25000	+40	
30000	+60	
35000	+25	
40000		
45000		
50000		

DATE: 6-24-04 TESTED BY: SH INSPECTED BY: SH

Form No. 0017

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MAINTENANCE RECORD

DATE 2004	TOTAL TIME IN SERVICE HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
09/13	7	6	ELT Battery date expires: June 2006 Key #279 Airworthiness Directives comply through 2004-18	
09/13	7	6	Aircraft Airworthy. Total Time in Service: 7.6 Total tach time: 7.6 Hobbs time: 9.8	
09/13	7	6	The G1000 System Software installed in this aircraft is Cessna publication number T182TGSW00-00.	
09/13	7	6	This aircraft has been inspected and found in compliance with the requirements of FAR 21.183 and all mandatory changes. The Transponder S/N 8470275 was inspected and tested on 08/12/04 and is in compliance with the FAR 91.413. The Static Pressure System was inspected and tested on 08/12/04. 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 35000 feet. ADC 4780485 Date 08/12/04 Altimeter(s) L 434800 Date 06/24/04 R n/a Date n/a. ELT Certified and tested per FAR 91.207D. Standard Certificate of Airworthiness dated 09/13/04 has been issued by the undersigned.	ODARF100129CE

MAINTENANCE RECORD

CRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Pacific States Aviation, Inc.
CRS# CPFR948C

Aircraft: N6173K Model: T182T S/N: T18208293
Date: 5/31/05 Hobbs/**Tach:** 33.8 W.O.# 13032

Accomplished the following: Complied with Cessna Service Bulletin SB 04-53-03 by inspection of door post attach bolts. All necessary washers were found in place. No further action necessary.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at this agency under the above work order number.

Signed: _____ for
Pacific States Aviation, Inc. - Repair Station No. CPFR948C

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4302 20-Aug-05 Tach 57.2
Replaced beacon and lamp with new.
C/W SB05-34-05 Garmin Software.
The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor — AP2192808IA Certificate Number

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4614 24-Mar-06 Tach 96.3

1. C/W Annual Inspection per Cessna Service Manual.
2. C/W AD02-26-01 Fuel Injection Lines.
3. Replaced beacon light with new.
4. C/W SB05-22-01 Trim Servo Chain Inspection.
5. SB05-53-02 Tunnel Bulkhead Rivets previously c/w.
6. SB04-53-02R1 Forward Doubler Flange Mod previously c/w.
7. Replaced vacuum system filter with new.

I certify that the ELT has been inspected IAW the requirements of FAR 91.207(d) and was found to be in satisfactory condition. Next inspection due March 2007.
I certify this aircraft has been inspected in accordance with a manufacturer's annual inspection and determined to be in airworthy condition.
The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor — AP2192808IA Certificate Number

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4739 7-Jun-06 Tach 105.9
C/W SB06-34-02 Software Update.
C/W SB06-24-01 Ground Strap. Replaced one strap with new.
Replaced rear NAV light with new.

The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor

AP2192808
Certificate Number

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L
LOG ID# 1265 29-March-2007 WO# 217749 REF# 217749 HOBBS 154.3
N6173K S/N T18208293 CESSNA T182T **Pg 1 / 1**

INSTALLED NEW TACH GENERATOR FOR PITCH SERVO PART NUMBER 065-00178-2200, SERIAL NUMBER 7297 IAW HONEYWELL SERVICE BULLETIN #KS 270C-10 DATED FEB/06. REFERENCE HONEYWELL FLMM #006-15574-0002, REVISION 2 DATED DEC/02.

Signed YH3R997L STAN ERICKSON Date 3/29/07

MAINTENANCE RECORD

DATE

GNATURE, E TYPE ER

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L
LOG ID# 1266 29-March-2007 WO# 217773 REF# 217773 HOBBS 154.3
N6173K S/N T18208293 CESSNA T182T **Pg 1 / 1**

INSTALLED NEW TACH GENERATOR FOR ROLL SERVO PART NUMBER 065-00179-0100, SERIAL NUMBER 9453 IAW HONEYWELL SERVICE BULLETIN #KS 271C-9 DATED FEB/06. REFERENCE HONEYWELL FLMM #006-15574-0002, REVISION 2 DATED DEC/02.

Signed YH3R997L STAN ERICKSON Date 3/29/07

MAINTENANCE RECORD

DATE

Tom's Aircraft Maintenance Inc Phone 1-562-426-5331 FAX 1-562-426-1052

2641 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806

N6173K Tach: 134.5 TT: 134.5 S.O# 07-15531 4/6/07

Opened up aircraft, lubed pulleys, bell cranks, and hinges. Packed wheel bearings. Replaced ELT battery, next due 11/08. C/W CFR91.207 ELT test ok, next due 4/08. R&R O2 bottle for hydrostatic check ok, next due 4/10. Replaced fuel strainer drain. Serviced nose strut. Replaced aircraft battery. C/W AD2002-26-01 fuel lines and clamps ok, next due at 234.5. C/W AD2006-17-04 fuel lines are all tight. C/W SB07-79-01 oil pressure switch ok. C/W SB07-25-02 crew seat inspection and modification. C/W SB06-32-01 master cylinder ok. C/W SB06-24-05 circuit breaker panel assembly ok. C/W SB06-24-04 circuit breakers ok. C/W SB06-22-01 pitch and roll servoes by Western Avionics. C/W SB05-34-12 GDU1040MFD and PFD screens replaced. C/W SB05-34-10 wire bundle cover added. C/W SB05-28-08 fuel strainer ok. C/W SB04-25-01R4 by installing MK172-25-10C kit. Test ran and test flew all ok. This aircraft has been inspected in accordance with a 100hr/annual inspection and has been found to be in an airworthy condition and is approved for return to service.

TOM L. JACOBSON FAA REPAIR STATION VTMR569K

ORMED

NATURE, TYPE R

GERDES AVIATION SERVICES
FAA Approved Repair Station G3RR399J

N Number: 6173K Tach/Hobbs: TT:

① REMOVED GDC74A PN# 011-00882-00 SN# 47801485.
② INSTALLED GDC74A (NEWLY O/H BY GARMIN SO# 385107
DATED: 1-23-07.) PN# 011-00882-00 SN# 47802094.
③ FUNCTIONAL/LEAK/CORELATION TESTS - SATISFACTORY.
④ END.

The Altimeter/Static and Transponder Systems have been inspected to 20,000 feet, and were found to comply with F.A.R. 43, Appendix E &F.
Date: 4-4-07 Technician:

4012 W. Commonwealth Ave. Fullerton CA 92833 Office (714) 525-7545

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Tom's Aircraft Maintenance Inc Phone 1-562-426-5331 FAX 1-562-426-1052 2641 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806 N6173K Tach: 134.6 TT: 154.5 05/04/07 C/W SB07-11-01 by installing Electronic Pilot's Checklist SD card per instructions provided with service bulletin. Approved for return to service. FRANCIS SALISBURY FAA REPAIR STATION VTMR569K	

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

ATURE,
/PE

Registration: **N6173K** Date: **9/27/2007** Tach: **234.5** TTIS: **234.5** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2007-19. See Compliance Report this date. Complied with the following AD's
AD2001-06-17 (fuel mixture) No adjustment necessary. next due 334.5 or annual
AD84-26-02 (air filter) due 500.0 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec.adjusted the rudder trim pointer, checked all lights, replaced beacon with new lamp, ELT battery due date is Nov 2008, Complied with AD2007-05-10 by confirming Cessna SB kit 172-25-10C is installed no further action is required

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition...end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for ~~return to~~ service per work performed.

Karl S Smith AP 3085657

DATE | TOTAL IN SEF HOURS

Van Bortel Aircraft, Inc.
LOG ID# 1007 20-December-2007 W/O SV1404 AC TT 293.5
N6173K S/N T18208293 CESSNA T182T TACH 293.5

ED SIGNATURE,
ICATE TYPE
UMBER

Complied with SB07-77-01 by installing MK206-77-01 Tachometer sending unit replacement kit. New sending unit P/N 1A3C-2 S/N A4834. Tachometer tested good on ground run. The aircraft and/or component described 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 performed.

Bill Prince

Authorized Individual : VNFR171L Bill Prince

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
3 JAN 08			REMOVE N # AND INSTALL NEW N #	
			N912VM GLO CUSTOM AIRCRAFT INC	Brandon [illegible] A&P 526-87-7110

MAINTENANCE RECORD

DATE

Barrett Aircraft Maintenance, Inc
2040 Skylane Drive Hanger 2-E
Denton, Texas 76207
(940) 566-4920

A/C: 912VM **HOBBS: 370.8** **ACTT: 370.8** **DATE: 02-15-2008**

Performed annual inspection per Cessna T182T maintenance manual and inspection guides. Repacked wheel bearings. Installed new 66-105 brake linings on both mains. Installed new Goodyear Flight Special II 600X6 6PR tires on both mains. Installed new tubes. Installed new AN5-51A tow bolt on nose gear. Installed new B3-5-1 vacuum filter. Checked cables, pulleys and control surface travels. Performed FAR 91.207 ELT function test. ELT battery next due 11-08. ELT ops check good. C/W AD ~~2006-17-04~~ by inspection of fuel injection lines. Next due ACTT 470.8. C/W AD 2001-06-17 by fuel mixture check. Next due ACTT 470.8. Washed engine. Performed ground run and ops check. Ops check good. I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.

Thomas B. Barrett
A&P 462497446IA

2002-26-01

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
3 JAN 08			REMOVE N # AND INSTALL NEW N #	
			N912VM GLO CUSTOM AIRCRAFT INC	Brandon [illegible] A&P 524-27-7110

MAINTENANCE RECORD

DATE

Barrett Aircraft Maintenance, Inc
2040 Skylane Drive Hanger 2-E
Denton, Texas 76207
(940) 566-4920

A/C: 912VM **HOBBS: 370.8** **ACTT: 370.8** **DATE: 02-15-2008**

Performed annual inspection per Cessna T182T maintenance manual and inspection guides. Repacked wheel bearings. Installed new 66-105 brake linings on both mains. Installed new Goodyear Flight Special II 600X6 6PR tires on both mains. Installed new tubes. Installed new AN5-51A tow bolt on nose gear. Installed new B3-5-1 vacuum filter. Checked cables, pulleys and control surface travels. Performed FAR 91.207 ELT function test. ELT battery next due 11-08. ELT ops check good. C/W AD ~~2006-17-04~~ by inspection of fuel injection lines. Next due ACTT 470.8. C/W AD 2001-06-17 by fuel mixture check. Next due ACTT 470.8. Washed engine. Performed ground run and ops check. Ops check good. I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.

Thomas B. Barrett
Thomas B. Barrett
A&P 462497446IA

2002-26-01

DATE

Cessna

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N912VM TACH 368.3 DATE 3/25/08 W.O. SV1468

REMOVED LEFT FUEL QUANTITY TRANSMITTER P/N: S3852-3 S/N: 251. INSTALLED NEW TRANSMITTER P/N: S3852-2 S/N: 974. COMPLIED WITH SB07-25-04 SEAT BASE/BACK ATTACH FITTING MODIFICATION BY INSTALLING KIT MK206-25-10-1. THIS MODIFICATION COMPLIES WITH AD 2008-05-09.

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.

PAUL PARK
CHIEF INSPECTOR

NATURE,
TYPE
R

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262 Phone: 817-430-0005

Registration: **N912VM** Date: **3/27/2008** Tach: **369.5** TTIS: **369.5** ~~ENGINE~~ Airframe

Removed and replaced flasher beacon bulb P/N 34-0041987-02 and flasher beacon base assy P/N 02-0270791-01 operational check satisfactory, reclocked the rudder trim tab indicator satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262 Phone: 817-430-0005

GNATURE,
TYPE
ER

Registration: **N912VM** Date: **7/2/2008** Tach: **463.7** TTIS: **463.7** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2008-13. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, replaced pedistal lamp with new 1819, ELT battery due date is Nov 2008, replaced vac reg filter B3-5-1,

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

NATURE, TYPE

Registration: **N912VM** Date: **7/29/2008** Tach: **476.6** TTIS: **476.6** **AIRFRAME**

Removed and rebuilt strut seals using strut kit SK172-1F. serviced nose strut with 5606 and nitrogen as required. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **9/18/2008** Tach: **550.3** TTIS: **550.3** **AIRFRAME**

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

NATURE, TYPE

Registration: **N912VM** Date: **9/21/2008** Tach: **554.8** TTIS: **554.8** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2008-19. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, ELT battery due date is Nov 2008.

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

D. Marcair Maintenance 11310 Cleveland Gibbs Road Roanoke, TX 76262 Phone: 817-430-0000 IGNATURE, F TYPE IER

Registration: **N912VM** Date: **10/3/2008** Tach: **570.6** TTIS: **570.6** **AIRFRAME**

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Van Bortel Aircraft, Inc.
LOG ID# 1104 23-October-2008 W/O AV6832 AC TT 576.9 HOBBS 646.2
N912VB S/N T18208293 CESSNA T182T TACH 576.9

Complied with SB07 34 02R1 Garmin G1000 System Software upgrade to version 561.01 updated software in accordance with SB instructions. System Function tested good after upgrade. Performed Standby Battery High-Side Current Monitor Calibration Procedure (HSCM) in accordance with G1000 Line Maintenance manual 090-00452-00 Rev. M. The aircraft and/or component described 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 performed.

Authorized Individual : VNFR171L Sam G Wall III

DATE Marcair Maintenance 11310 Cleveland Gibbs Road Roanoke, TX 76262 Phone: 817-430-0000 TURE, PE

Registration: **N912VM** Date: **11/21/2008** Tach: **606.8** TTIS: **606.8** **AIRFRAME**

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. replaced ELT battery with new 2020-RevA ops check ok per FAR 91.207 battery exp date is 08/2010. Replaced fuel flow divider drain hose with new 306-3 hose. leak check ok. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance 11310 Cleveland Gibbs Road Roanoke, TX 76262 Phone: 817-430-0000

Registration: **N912VM** Date: **1/1/2009** Tach: **604.3** TTIS: **604.3** **AIRFRAME**

Complied with AD 2008-26-10 IAW Cessna SB08-34-02 dated march 31 2008. No defects noted. No further action required. This aircraft is approved for return to service.

Karl S Smith AP 3085657

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SIGNATURE,
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Cessna

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N912VM TACH 649.9 DATE 1/23/2009 W.O. SV1728

REMOVED LEFT FUEL QUANTITY TRANSMITTER P/N: S3852-3 S/N: 974. INSTALLED NEW TRANSMITTER P/N: S3852-3 S/N: 1696. REMOVED BEACON BULB. REMOVED WATER FROM BEACON ASSEMBLY. REPLACED BULB P/N: 34-0041987-02 AND GASKETS P/N: 38-0250761-00, 38-0250762-00. REPLACED PROPELLER DEICER BOOTS ON BLADES #1 & #3. SEE PROP LOG.

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.

PAUL PARK
CHIEF INSPECTOR

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262 Phone: 817-430-0005

Registration: **N912VM** Date: **1/30/2009** Tach: **650.3** TTIS: **650.3** **AIRFRAME**

Complied with **an Annual** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2009-02. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, ELT battery due date is Aug 2010. Replaced lower left cowl mount with J7444-42 Chr FAR 91.207 & Satisfactory

I certify this airframe has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

DATE | T I HC

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **3/21/2009** Tach: **699.4** TTIS: **699.4** **AIRFRAME**

Replaced Lamar starter with new Sky Tec starter P/N 149-NL/ec S/N FNE-300806, IAW Cessna MK182-80-01 instructions satisfactory, an operational check was performed satisfactory. Updated weight and balance. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE | TOT IN S HOUR

Van Bortel Aircraft, Inc.
LOG ID# 1150 08-April-2009 W/O AV5890 HOBBS 797.6
N912VM S/N T18208293 CESSNA T182T TACH 713.1

IZED SIGNATURE, IFICATE TYPE NUMBER

Complied with SB 07-34-08 Garmin G1000 GTX 33 Transpnder Inspection/Replacement.
[illegible] complied with. Removed GTX 33 P/N 011-00779-00 S/N 84700275,
[illegible]763. Performed field
47802094 as autorized
imeter systems,
d and inspected as
, and FAR 91.413 I.A.W
0. GDC 74A P/N
00 S/N 8470763. The
nspected in accordance
tion and is approved for

P/N 5934PAD-3D

Altimeter Test Report

Altimeter Serial Number: 434800 Date: 4-8-2009

Scale Error Test			Friction		enc
-1000	20	-15			
00	20	-10			
500	20	-5			
1000	20	0	+40	+/- 70	
1500	25	0			
2000	30	+5	+40	+/- 70	
3000	30	+10	+40	+/- 70	
4000	35				
5000	→	+5 →	+40	+/- 70	
6000	40	0			
8000	60	-10			
10000	80	-10	+40	+/- 80	
12000	90	-15			
14000	100	-5			
15000	→	→	+50	+/- 90	
16000	110	+5			
18000	120	+10			
20000	130	+30	+50	+/- 100	
22000	140	+50			
25000	155	+60	+80	+/-120	
30000	180	+90	+90	+/-140	
35000	205	+130	+100	+/-160	

Hysteresis Tolerance +/- 75 feet

Decrease altitude rapidly to 50% of maximum certifiable altitude.
~~20,000 = 10,000~~
35,000 = 17,500 Error -5

Decrease altitude rapidly to 40% of maximum certifiable altitude.
~~20,000 = 8,000~~
35,000 = 14,000 Error Ø

Barometric Scale Error +/- 25 feet

28.10	-1727 ft	→ -1735(-7)
28.50	-1340 ft	→ -1345(-5)
29.00	-863 ft	→ -865(-2)
29.50	-392 ft	→ -400(-8)
29.92	00 ft	→ 735
30.50	+531 ft	→ +520(-11)
30.90	+893 ft	→ +895(+2)
30.99	+974 ft	→ +975(+1)

Case Leak Test At 18,000 ft Ø

Tested By

Van Bortel Aircraft CRS VNFR171L

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

ZED SIGNATURE,
FICATE TYPE
NUMBER

Registration: **N912VM** Date: **4/15/2009** Tach: **715.5** TTIS: **715.5** **AIRFRAME**

Replaced left elevator inboard static wick with new wick. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

NATURE,
TYPE
R

Registration: **N912VM** Date: **6/7/2009** Tach: **748.1** TTIS: **748.1** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2009-11. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, ELT battery due date is Aug 2010. replaced tail beacon bulb 34-0041987-02, replaced upper pedistal lamp 1829, replaced left elevator bonding strap 1570102-1

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **8/4/2009** Tach: **820.9** TTIS: **820.9** **AIRFRAME**

Removed and replaced lower right cowl shock mount P/N J7444-42. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Van Bortel Aircraft, Inc.
LOG ID# 1203 20-August-2009 W/O AV5948 HOBBS 938.5
N912VM S/N T18208293 CESSNA T182T TACH 836.8

Complied with SB09-34-06 Garmin G1000 system software upgrade to 563.14 for airplanes equiped with Nav III and Honeywell KAP 140 Autopilot. Software upgraded in accordance with service bulletin instructions. G1000 system function tested good after upgrade. The aircraft and/or component described 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 performed.

Authorized Individual : VNFR171L Sam G Wall III

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF	AUTHORIZED SIGNATURE, TYPE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **8/25/2009** Tach: **837.4** TTIS: **837.4** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2009-17. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, Inspected ELT IAW FAR 91.207 (d) satisfactory, ELT battery due date is Aug 2010. Replaced all induction gaskets with new 71973, replaced ACU with new AC2101 S/N E58433, removed main wheel fairings due to cracked bracket on left side, updated W&B

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

TURE,
PE

Registration: **N912VM** Date: **11/14/2009** Tach: **902.7** TTIS: **902.7** **AIRFRAME**

Replaced main tires P/N 071-314-0 S/N's 9228W00353, 9230W00545and tubes with P/N 302-246-401, replaced broken left wheel fairing attach brackets P/N 0741647-13,0471647-15, reinstalled wheel fairings, updated weight and balance. This aircraft is approved for return to service.

Karl S Smith AP 3085657

DA

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

GNATURE,
TYPE
ER

Registration: **N912VM** Date: **12/10/2009** Tach: **932.7** TTIS: **932.7** **AIRFRAME**

Complied with **an Annual** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2009-25. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 963.7 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, Inspected ELT IAW FAR 91.207 (d) satisfactory, ELT battery due date is Aug 2010. C/W Cessna SB09-32-02 brake line inspection, trimmed both gear leg fairings as required for clearence, replaced tail nav bulb with new 1683

I certify this airframe has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

ATURE,
/PE

Registration: **N912VM** Date: **12/21/2009** Tach: **942.2** TTIS: **942.2** **AIRFRAME**

Complied with AD 84-26-02. replacement of the paper induction air filter with part P10-6150, next due in 500 hrs at 1442.2 or before on condition. This aircraft is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **1/5/2010** Tach: **968.8** TTIS: **968.8** **AIRFRAME**

Removed in op vac pump P/N AA3215CC S/N N25220 and installed overhauled vac pump P/N AA3215RE S/N R10006, replaced both vac filters with new ARB3-5-1, AAD9-18-1,operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regul·'ions and is approved for return to service.

J. Hart Van Meter AP 2162239

DATE

Cessna

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

NATURE,
TYPE
R

N912VM TACH 969.2 HOUR 1091.1 DATE 1/06/2010 W.O. AV6021

PERFORMED STANDBY BATTERY HSCM CALIBRATION IN ACCORDANCE WITH GARMIN G1000 NAV III LINE MAINTENANCE MANUAL. SYSTEM TESTED GOOD AFTER CALIBRATION. 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.

SAM G. WALL III
INSPECTOR

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **2/5/2010** Tach: **993.1** TTIS: **993.1** **AIRFRAME**

Complied with Cessna SB09-34-09 inspection of the CRS/BARO knobs. No defects noted. No further action required. This aircraft is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

ATURE,
/PE

Registration: **N912VM** Date: **3/25/2010** Tach: **1031.7** TTIS: **1031.7** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2010-06. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 1442.2 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, repacked wheel bearings,inflated all tires to spec. checked all lights, Inspected ELT IAW FAR 91.207 (d) satisfactory, ELT battery due date is Aug 2010. Replaced top rudder cap with new P/N 0731606-9

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

DATI

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

NATURE,
TYPE
R

Registration: **N912VM** Date: **4/28/2010** Tach: **1088.1** TTIS: **1088.1** **AIRFRAME**

Installed Door Steward gas spring door assist alteration on left hand and right hand cabin doors in accordance with FAA Approved Supplemental Type Certificate Number SA01120SE. Weight change negligible. Refer to FAA for 337 in Aircraft Permanent Records. Operation checked normal. Aircraft approved for return to service.

J. Hart Van Meter AP 2162239

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **4/30/2010** Tach: **1088.1** TTIS: **1088.1** **AIRFRAME**

Removed O2 bottle and routed to vendor for 3 yr hydrostatic test. Reference Bacon Equipment WO# 21321 for details. reinstalled O2 bottle in aircraft. leak check of O2 system required before use, placarded. Cabin mounted Amerex fire extingisher S/N W745024 6yr inspection accoplished at this time. This aircraft is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

NATURE, TYPE

Registration: **N912VM** Date: **5/3/2010** Tach: **1091.2** TTIS: **1091.2** **AIRFRAME**

Serviced and performed leak check of O2 system satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **5/3/2010** Tach: **1092.2** TTIS: **1092.2** **AIRFRAME**

Removed in op TIT probe and replaced with new probe P/N TE-12525-01 no S/N , operational check satisfactory. This aircraft was serviced IAW Cessna & Lycomingservice manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

RE,

Registration: **N912VM** Date: **5/6/2010** Tach: **1096.6** TTIS: **1096.6** **AIRFRAME**

Removed inop standby attitude indicatorP/N S3326-1 S/N T85189Q and installed overhauled unit P/N S3326-2RX S/N T85843QAM operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

J. Hart Van Meter AP 2162239

MAINTENANCE RECORD

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

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **5/18/2010** Tach: **1123.6** TTIS: **1123.6** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2010-10. See Compliance Report this date. Complied with the following AD's, AD84-26-02 (air filter), due 1442.2 or on condition.
Serviced nose strut, fuel strainer, Lubed all flight controls, inspected brake system, replaced all main wheel brake pads, repacked wheel bearings, inflated all tires to spec., checked all lights, inspected ELT IAW FAR 91.207 (d) satisfactory, ELT battery due date is Aug 2010. C/W Cessna SB09-32-02 brake line inspection.

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

MAINTENANCE RECORD

D

IRE,

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **7/9/2010** Tach: **1198.9** TTIS: **1198.9** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2010-14. See Compliance Report this date. Complied with the following AD's
AD84-26-02 (air filter) due 1442.2 or on condition. Installed 1ea new cowling reciever part#J7444-42.
Serviced nose strut, fuel strainer, Installed new nose tire and tube on nose wheel.. Installed new bearings and races in nose wheel. Bearing part#08125. Race Part#08231. Lubed all flight controls, inspected brake system, repacked wheel bearings.inflated all tires to spec. checked all lights, Inspected ELT IAW FAR 91.207 (d) satisfactory, ELT battery due date is Aug 2010.

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Thomas B. Barrett AP 4625497446

MAINTENANCE RECORD

DATE | TOTAL TIME | SIGNATURE, TYPE R

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/15/2010** Tach: **1288.2** TTIS: **1288.2** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2010-19. See Compliance Report this date. Complied with the following AD('s); AD84-26-02 (air filter) due 1442.2 or on condition. Serviced nose strut, fuel strainer. Lubed all flight controls, inspected brake system, inflated all tires to spec. checked all lights. Repaired cracked forward right engine baffle. Removed Pointer Inc. ELT model 3000-11 S/N 333159 for battery replacement, placard installed IAW FAR 91.207

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

DA | SIGNATURE, TYPE

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/16/2010** Tach: **1291.6** TTIS: **1291.6** **AIRFRAME**

Replaced ELT battery with new P/N 2020-Rev-A. New expiration date is 11/30/2011. Performed satisfactory check of ELT IAW FAR 91.207. Reinstalled Pointer ELT model 3000-11 S/N 333159 in aircraft. Removed placard. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

J. Hart Van Meter AP 2162239

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **11/19/2010** Tach: **1373.6** TTIS: **1373.6** **AIRFRAME**

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

ATURE,
/PE

Registration: **N912VM** Date: **11/19/2010** Tach: **1373.6** TTIS: **1373.6** **AIRFRAME**

AD 2008-26-10C N/A to this aircraft as AD 2008-26-10 remains in original compliance.No further action required.

Karl S Smith AP 3085657

Registration: **N912VM** Date: **12/9/2010** Tach: **1384.4** TTIS: **1384.4** **AIRFRAME**

Complied with **an Annual** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2010-25. See Compliance Report this date. Complied with the following AD('s); AD84-26-02 (air filter) due 1442.2 or on condition. Serviced nose strut, fuel strainer. Lubed all flight controls, inspected brake system, inflated all tires to spec. checked all lights. replaced exhaust weld assy P/N 0750644-8 with new 24096-225-N, 78084 gaskets. Checked ELT IAW FAR 91.207 Battery replacement date is Nov 2011

I certify this airframe has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

TURE,
PE

Registration: **N912VM** Date: **4/13/2011** Tach: **1476.2** TTIS: **1476.2** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2011-08. See Compliance Report this date. Cleaned Aircraft battery vent caps and serviced battery. Serviced nose strut, fuel strainer. Lubed all flight controls, inspected brake system, Cleaned and repacked wheel bearings, inflated all tires to spec. checked all lights. Checked ELT IAW FAR 91.207 Battery replacement date is Nov 2011.

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

Nova Avionics
Northwest Regional Airport
11675 Airway Blvd
Roanoke, Texas 76262
F.A.A. Repair Station # N2SR863J
(817)430-3270

4-14-11
Date

WO#

ALTIMETER SCALE ERROR

NOMENCLATURE	SERIAL NO.
United Inst.	434800

TEST PT (FT)	INDICATOR READING	TEST PT (FT)	INDICATOR READING
		15,000	-8
00		16,000	+5
500	+16	18,000	+2
1000	+15	20,000	+20
1500	+10	22,000	
2000	+7	25,000	
2500	+8	30,000	
3000	+15	35,000	
4000	+12		
5000	+8		
6000	+8		
8000	+3		
10,000	-1		
12,000	-6		
14,000	-4		

50% H= 27' 40% H= 14'

In this Aircraft N9
Transponder have
FAR 91.411, I.A.W
FAR 91.413, I.A.W
Static System Date
and Air Date comp
type GTX 33 S/N 4
Work Order No.1

Signature

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE (HOURS / 10THS)	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		Registration: **N912VM** Date: **4/15/2011** Tach: **1476.2** TTIS: **1476.2** **AIRFRAME**	
		Complied with AD 84-26-02 by replacement of induction air filter. This AD due again in 500 hrs or on condition. This aircraft is approved for return to service.	
		Karl S Smith AP 3085657	

Marcair Maintenance
1310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **10/28/2011** Tach: **1638.7** TTIS: **1638.7** **AIRFRAME**

Removed Artificial Horizon P/N: 1U149-015-15 S/N: T85843QAM for overhaul. Sec 8130-3 dated 28Oct2011 REB Technologies inc. Installed same P/N, S/N

Taylor D. Mara AP 3501245

DATE

ATURE,
PE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **8/16/2011** Tach: **1570.1** TTIS: **1570.1** **AIRFRAME**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2011-17. See Compliance Report this date. AD 84-26-02 next due 1976.2. Serviced battery, fuel strainer. Lubed all flight controls, Cleaned and repacked wheel bearings, inflated all tires to spec. checked all lights. Checked ELT IAW FAR 91.207 Battery replacement date is Nov 2011.

I certify this airframe has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Taylor D. Mara AP 3501245

GNATURE,
E TYPE
ER

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **9/6/2011** Tach: **1589.2** TTIS: **1589.2** **AIRFRAME**

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Taylor D Mara AP 3501245

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **11/2/2011** Tach: **1643.0** TTIS: **1643.0** **AIRFRAME**

Replaced nose tire with new P N 505C61-8 S N 01947555 and new tube P/N 302-013-400 All work IAW Cessna T182T MM Ch 32 Aircraft is approved for return to service.

Taylor D Mara AP 3501245

DATE

DEER HORN AVIATION, LTD.

N912VM Cessna T182T S/N: T18208293

November 3, 2011
Acft Tach: 1645.0

NATURE, TYPE R

1. Replaced the left main landing gear tire with a new Goodyear FLT Custom III 600X6 6 ply PN: 606C66-8, SN: 02992116. Removed Michelin SN: 9228W0353. Serviced tire to 42 psig.
2. Replaced tube with new PN: 302-246-401 (TR20).
3. Removed the left and right MLG wheel Fairings. Weight and Balance was updated and inserted into the Pilot's Operating Handbook (POH).

This aircraft is approved for return to service for the work performed. Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number 738.

Donald B. Brady **AP3474356**

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **11/19/2011** Tach: **1661.8** TTIS: **1661.8** **AIRFRAME**

Replaced LH rear wheel pant bracket P/N: 0741647-15 and reinstalled wheel pants IAW current Cessna M/M. Refered back to previous weight and balance. END

Taylor D. Mara AP 3501245

DA

NATURE, TYPE R

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **12/10/2011** Tach: **1673.4** TTIS: **1673.4** **AIRFRAME**

Complied with **an Annual** inspection IAW 14CFR 43-D and Cessna service manual. Checked AD's through 2011-26. See Compliance Report this date. AD 84-26-02 next due 1976.2. Serviced battery, fuel strainer. Lubed all flight controls, Cleaned and repacked wheel bearings, inflated all tires to spec. checked all lights. Checked ELT IAW FAR 91.207 Battery replacement date is March 2013. Replaced both elevator bonding straps with new 1570102-1, Replaced both vacuum filters with new AAD9-18-1, ARB3-5-1.

I certify this airframe has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

MAINTENANCE RECORD

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

Cessna

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N912VM SN: T18208293 Tach: 1763.1 DATE 04/10/2012 W.O. AV6398

Complied with Cessna SEB-34-03 by installing Garmin G-1000 system software upgrade to version 563.26 in accordance with service bulletin instructions. Issued Garmin G-1000 Cockpit Reference Guide PN 190-00384-12 Rev A. System tests good after upgrade.

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

Registration: **N912VM** Date: **4/27/2012** Tach: **1769.9** TTIS: **1995.2** **AIRFRAME**

Replaced left lower engine cowl Lord mount, P/N J7444-42. Aircraft returned to service. END

J. Hart Van Meter AP 2162239

MAINTENANCE RECORD

DATE

Registration: **N912VM** Date: **5/28/2012** Tach: **1799.0** TTIS: **1799.0** **AIRFRAME**

ATURE, PE

Removed and replaced flasher beacon bulb P/N 34-0041987-02 operational check satisfactory. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

J. Hart Van Meter AP 2162239

Cessna

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018 FAA CRS# VNFR171L

N912VM SN: T18208293 Tach 1829.1 DATE 07/24/12 W.O. AV6487

Removed the KS-271C Roll Servo PN 065-00179-0100 SN 9453 and installed an OH/Exchange KS-271C Roll Servo PN 065-00179-0100 SN 4826. Checked pitch nulls 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 HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Registration: N912VM Date: 8/9/2012 Tach: 1830.8 TTIS: 1830.8 AIRFRAME

Removed damaged Comant Transponder Antenna P/N CI 105-16, (no S/N) and installed new Comant Tansponder Antenna P/N CI 105-16, S/N 27869. 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: 9/12/2012 Tach: 1856.8 TTIS: 1856.8 AIRFRAME

Replaced damaged engine cowling baffle pan; P/N 0755076-11 with new Cessna part; P/N 0755076-11. 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: 10/10/2012 Tach: 1868.5 HVM TTIS: ~~2105.0~~ 1868.5 HVM AIRFRAME

Repaired damaged Nose Wheel Fairing with riveted reinforcement doubler at service door hinge. Painted Fairing and reinstalled on aircraft. Weight and Balance recalculated. Replaced Nose Wheel Tow Lug Bolt witn new AN5-51A bolt. This aircraft was repaired 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

DATE

Registration: N912VM Date: 11/17/2012 Tach: 1868.5 TTIS: 1868.5 AIRFRAME

GNATURE, E TYPE ER

Repaired damaged Nose Wheel Fairing with riveted reinforcement doubler at service door hinge. Painted Fairing and reinstalled on aircraft. Weight and Balance recalculated. Replaced Nose Wheel Tow Lug Bolt witn new AN5-51A bolt. Replaced damaged Left Main Gear Fairing Assembly with new Cessna P/N 0741639-9. Applied anti-chafe tape to wing struts and landing gear struts at all fairing contact points. This aircraft was repaired 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

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

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

Service Publication Compliance Record

Aircraft Model: T182 Serial Number: 8293 Registration: N6173K

Service Information Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time
Lycoming S/B 480D	Oil Filter Change/Content Inspection	Pre A/W Tach 8.2	Oil filter was cut open and paper element inspected. Nothing abnormal noted. New filter installed and engine ground run for leak check	Recur	tach 25hrs
LycomingS/B 342E	Fuel injection lines and clamp inspection	Pre-A/W	Visual inspection during flight test process, piror to A/W	Recur	Every 100hr's
Garmin SB 0418	GIA 63 Replacement of both units	Pre-AW	Installed updated Units	Once	
Garmin SB 0408	GIA 63 lid replacement	Pre-AW	Installed updated lids	Once	
Cessna S/B04-11-03	Issue of NAV III pilot's checklist	Pre-AW	Nav III checklist has been provided in the POH	Once	

Compliance verified at time of delivery
Authorized Inspector Signature and Stamp Michael Stewart 14-Sep-04 C.R.S. I97R796N

07-34-06	12-15-07	290.3	-	X	-	-	3085057 A&P	S/N Not Affected
09-34-09	2-5-10	993.1	—	X	—	NA	3085657 IA	CRS/Pero Kids inspection

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE-TIME	RE-CURRING			
2008-02-06	N/A	3/13/08	356.3	-	X		N/A	3055657 A&P	N/A by [illegible]
2009-06-51	N/A by Component date		—					3045657 A&P	

A.D. Compliance Record

Aircraft Model: T182 Serial Number: 8293 Registration: N6173K

AD Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time
02-26-01	fuel line inspection	Pre-AW	Visual inspection during flight test	Recur	100hr

Compliance verified at time of delivery
Authorized Inspector Signature and Stamp Michael Stewart 14-Sep-04 C R S I97R796N