MAINTENANCE RECORD

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

Reg #: N5311H
Model: Cessna 172S
Serial: 172S9278
Work Order #: 22581

AIR CARE INC.
Aviation Services

Hobbs: 1755.3
Tach: 1533.1
Total Time: 1533.1
Date: 3/5/2013

S/N L-30682-51A ETT: 1533.1

Performed 100 hour inspection using Air Care Inc Cessna 172S annual inspection checklist as a guide. Changed oil & filter. Took SOAP sample. Cut open & inspected filter. No defects noted. Installed new filter P/N CH48110-1. Serviced w/ 8 qts Aeroshell 100W. Checked compression: #1) 70/80 #2) 76/80 #3) 75/80 #4) 77/80. C/W AD2011-26-04 by inspection. No defects noted. Due next @ TT: 1633.1. Replaced oil dipstick tube gasket w/ new P/N 72059. Replaced fuel servo. Installed overhauled servo (CRS# NK2R034L WO# 23334) P/N 2576536-2, S/N 70279204. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22581 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

[redacted]

TRACE AVIATION

FAA CERTIFIED REPAIR STATION R39R997X
110 S. HANGAR DRIVE JACKSON, MS 601.936.3599

Date:	3/12/2013	Hobbs:	1764.1	TTAF:	N/A	Work Order Number:	AF90[redacted]
Reg. No	N5311H	Serial No.	17259278	Cycles:	N/A		

INSTALLED CUSTOMER SUPPLIED REBUILT STARTER P/N PM2401 S/N 85J89911. SEE 8130-3 LAMAR TECHNOLOGIES WORK ORDER J899.GROUND RUNS PERFORMED. NO DISCREPANCIES NOTED.

Taylor McElroy [redacted]

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7-17-2013	1561 tach	9	Serviced engine with 7 qts Aeroshell 15W50 oil. Installed new CH48110-1 oil filter, torqued and safetied. Checked suction screen, torqued and safetied.	A&P [redacted]
8-11-13	1562	1	Ground ran engine and leak check ok. Installed 8 new P/N 4 REM38S fine wire plugs. Torqued and ground ran ok.	[redacted]

Cessna

Van Bortel Aircraft Inc.

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

N5311H TACH & TOTAL 1566.8 H.M. 1798.4 DATE 4/4/2014 W.O. SV3548

ENGINE S/N: L-30682-51A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 172RMM20. OIL NOT CHANGED AT THIS TIME. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 73 #2 77 #3 74 #4 71/80. TIGHTENED AND SECURED OIL DIPSTICK TUBE. COMPLIED WITH AD 2011-26-04 FUEL INJECTION LINE INSPECTION PER SB 342G, NEXT INSPECTION DUE AT TACH 1666.8, ENGINE OVERHAUL OR LOOSENING OF CLAMPS. AD'S CHECKED THROUGH 2014-07.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

[redacted]

PAUL PARK, CHIEF INSPECTOR

Cessna

Van Bortel Aircraft Inc.

DATE	TI IN	NATURE, TYPE R
	HOU	

Cessna

Van Bortel Aircraft Inc.

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

N5311H TACH 1578.2 H.M. 1813.9 DATE 11/20/2014 W.O. SV3884

ENGINE S/N: L-30682-51A

OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH AEROSHELL 15W50 AND CH48110-1.

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.

[redacted]

PAUL PARK, CHIEF INSPECTOR

Cessna

Van Bortel Aircraft Inc.

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

N5311H TACH & TOTAL 1580.5 H.M. 1817.4 DATE 3/16/2016 W.O. SV4507

ENGINE S/N: L-30682-51A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 172RMM21. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH AEROSHELL 15W50 AND CH48110-1. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 76 #2 75 #3 74 #4 73/80. COMPLIED WITH AD 2015-19-07 FUEL INJECTION LINE INSPECTION PER SB 342G, NEXT INSPECTION DUE BY TACH 1690.5, ENGINE OVERHAUL OR LOOSENING OF CLAMPS. AD'S CHECKED THROUGH 2016-06.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

[redacted]

PAUL PARK, CHIEF INSPECTOR

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
8/25/16	1627	5	DRAINED OIL, CHG FILTER - FEW METAL FLAKES & LOTS OF CARBON - CHG'D W/ 8QTS PHILLIPS 20W50XC & OIL 8110-1 FILTER ENGINE CLEANED & RUN - NO LEAKS	[redacted]

MAINTENANCE RECORD

DATE	T IN	URE, E
	HOU	

TAC·AERO
3624 Airport Drive
Hood River, OR 97031

DOM:	2002	M/N:	172S	TACH:	1671.1
DATE:	10/22/16	AC S/N:	172S9278	Engine TT:	1671.1
Engine	Lycoming	E S/N	IO-360-L2A	E S/N	L-30682-51A

1. Complied with annual inspection according to Lycoming maintenance manual and AC 43.13
2. Drained oil and removed oil filter, cut open filter no metal found
3. Installed new filter CH48110-1 and filled oil to capacity with Philips 20-50
4. Performed cylinder differential compression check as follows:
   #1- 79/80 #2- 78/80 #3-78/80 #4-72/80
5. Checked Magneto to engine timing.
6. Inspected all hoses accessories, baffles, and mounts for condition and security, and proper attachment. No defects noted.
7. Inspected engine controls for condition, security, proper attachment and proper operation through entire range of motion.
8. Inspected air intake system. Cleaned induction air filter. No other defect noted.
9. Inspected engine fuel system. Inspected and cleaned gascolator screen. No other defects noted.
10. No New A/D as of this Date

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. I certified this engine has been inspected in accordance with an ANNUAL inspection. The ENGINE identified above is determined to be in airworthy condition at THIS DATE AND TIME, and is approved for return to service.

[redacted]

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
12/27/16	1702.	3	Replaced cylinder 3 intake gasket with new part number 71973. -END- [redacted]	Cody Dick [redacted]

3624 Airport Road — TAC·AERO — Hood River, OR 97031

ACFT:	N5311H	**MFG.:**	Cessna	**HOBBS:**	
DOM:	12/17/2002	**M/N:**	172S	**TACH:**	1718.1
DATE:	02/22/17	**AC S/N:**	172S9278	**A/C TT:**	
Engine	Lycoming	**E S/N**	IO-360-L2A	**E S/N**	L-30682-51A

1. Drained oil and removed oil filter, cut open filter, no metal found.
2. Installed new filter CH48110-1 and filled oil to capacity with Philips 15-50

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals is approved for return to service.

Ralph S Bruner AP [redacted]

2/22/2017

[redacted]

2/22/2017
Page 1

DATE	TOT IN S	HOURS			ED SIGNATURE, ICATE TYPE NUMBER

TAC·AERO

Make: Lycoming
Model: IO- 360-L2A
S/N: L-30682-51A

TacAero 3650 Airport Drive
Hood River, OR 97031
Phone: (844) FLY - CUBS ext: 706

Date: 8/1/2017
TACH: 1770.4
TSMO: 1770.4

Engine

Performed a 100 Hour Inspection I.A.W Cessna 172 Maintenance Manual and 100 HR. Checklist. Engine controls checked for security, Travel and proper operation. Engine differential compression: #1 74/80 #2 72/80 #3 72/80 #4 74/80. Engine Oil and Filter changed, Oil filter Media inspected for contamination (none found) Engine serviced with (8) Qts. Phillips 20W/50. Installed Tempest Oil Filter P/N AA48110-2. Re-Torqued and saftied Oil Fill Tube. Verified Torque on all Induction Tubes. Secured Numerous Hoses, Lines and Electrical Leads Firewall Fwd. Removed and replaced Baffling Seal @ #1 and #3 Cylinders. C/W AD 2015-19-07. Externally Mounted Fuel Injector Lines. No issues noted. Aircraft operational & leak check good.

I certify that this Engine has been inspected I.A.W a 100 Hour inspection & determined to be in airworthy condition.

[redacted]

Jeffrey E. Kroo[redacted]