

\$6.95

#2



*The Standard*

# ENGINE LOG

ASA-SE-1

The Standard Engine Log  
SE-1

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PNR ASA-SE-1



9 781560 274162

## Engine Record General Information

Manufacturer TEXTRON LYCOMING Model T10-540S1AD  
Serial L-7555-41A Type Certificate \_\_\_\_\_  
This engine is currently installed in aircraft PIPER PA32-301T N500J

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/11/06	2852.89			R+R CRANKSHAFT FRT SEAL, REPLACED ALTERNATOR BELT, R+R PLUGS CLEANED + GAPPED. REPLACED MISSING BOLT REPLACED GASKET ON #4 CYL INJECTION TUBE, COMPLETED GRD, RUN-UP SATISFACTORY A+P 372446961 John A Campbell
7/11/06	2852.89			R+R AIRCONDITION COMPRESSOR BELT A+P 372446961 John A Campbell

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/12/06	2867.22			R+R PROP REPLACED CRANK SEAL TAKEN OUT BY BROKEN A/C, BELT REPLACED BOTTOMCOW BAFFLE SEAL WITH NEW A+P 372446961 John A Campbell





YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	STARTER			12/27/07

Beacon Aviation of Michigan, Inc. 661 Eden Road Mason, MI 48854 VOOR755X  
 LOG ID# 3386 27-December-2007 WO# 3064/1  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2966.1

Pg 1/1

\*\*\*\* STARTER INOPERATIVE \*\*\*\*

REMOVED DEFECTIVE ELECTROSYSTEMS MZ4222, S/N 8040889 STARTER AND INSTALLED NEW KELLY AEROSPACE "E" SERIES STARTER P/N ERZ-8011, S/N H096961. GROUND RUN CHECKED SATISFACTORY.

Leslie E. Djala 12-27-07  
 VOOR755X LESLIE E. DJALA Date

NEW MAG-  
STYLES

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		8/13/07		X-PONDER REPAIRED VALIDATION

Beacon Aviation of Michigan, Inc. 661 Eden Road Mason, MI 48854 VOOR755X  
 LOG ID# 3150 13-August-2007 WO# 2840  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2938.6

Pg 1/1

Removed, aligned, and reinstalled TDR950 S/N: 16321 Transponder. Tested the disturbed system to find it operated correctly. This aircraft, airframe, aircraft engine, appliance identified above was inspected in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

Charles C. [Signature]  
 Inspector/Authorized Signature

8-13-2007  
 Date

for Beacon Aviation of Michigan, Inc. CRS # VOOR755X  
 661 Eden Rd.  
 Mason, Michigan 48854

copy in AIRCRAFT  
LOG TOO



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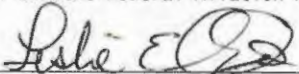
DATE

Beacon Aviation of Michigan, Inc. 661 Eden Road Mason, MI 48854 VOOR755X  
 LOG ID# 3432 07-February-2008 WO# 3097  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2967.7

Pg 1 / 1

Changed oil and filter. Serviced with 12 qts. Aeroshell w100 oil. Leak check good.

This aircraft, airframe, aircraft engine, appliance identified above was inspected in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

  
 Inspector/Authorized Signature

2-7-08  
 Date

for Beacon Aviation of Michigan, Inc. CRS # VOOR755X  
 661 Eden Rd.  
 Mason, Michigan 48854

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
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DATE

Beacon Aviation of Michigan, Inc. 661 Eden Road Mason, MI 48854 VOOR755X  
 LOG ID# 3643 06-June-2008 WO# 3263/2 AC TT 5277.0  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2982.0 TSFREM 873.0

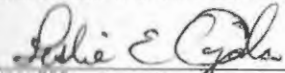
Pg 1 / 1

\*\*\*\* Engine Annual \*\*\*\*

ENGINE LYCOMING TIO-540-S1AD, S/N L-7555-61A, 873 SFRM  
 PROPELLER HARTZELL, HC-E3YR-1RF, S/N FM1445B, 280.6 SINCE NEW

COMPLETED ANNUAL INSPECTION ON THIS ENGINE AND PROPELLER I/A/W PIPER PA-32-301 SERIES INSPECTION GUIDE. CHANGED OIL AND FILTER. CUT AND INSPECTED FILTER ELEMENT, NO DEFECTS NOTED. SERVICED WITH AEROSHELL 100W OIL. COMPRESSIONS TESTED AS FOLLOWS. 1. 78/80 2. 76/80 3. 76/80 4. 78/80 5. 76/80 6. 76/80. CLEANED GAPPED AND ROTATED SPARK PLUGS. MAGNETO TO ENGINE TIMING CHECKED SATISFACTORY. INSPECTED AND PRESSURE CHECKED EXHAUST SYSTEM. CLEANED FUEL STRAINER SCREEN. REPLACED VACUUM PUMP FILTER. INSPECTED ENGINE MOUNTS AND STRUCTURE. GROUND RUN AND CHECK FOR LEAKS AND PERFORMANCE SATISFACTORY.

I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

  
 VOOR755X LESLIE E. OJALA Date 6-6-08

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Beacon Aviation of Michigan, Inc. 3121 Circle Drive West Lansing, MI 48906 VOOR755X  
 LOG ID# 4085 30-March-2009 WO# 3666/5  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 3040.1

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\*\*\*\* OIL CHANGE \*\*\*\*

CHANGED OIL AND FILTER. DREW AND SENT OIL SAMPLE. CUT AND INSPECTED FILTER ELEMENT, NO DEFECTS NOTED. SERVICED WITH AEROSHELL 100W OIL. GROUND RUN AND CHECK FOR LEAKS SATISFACTORY.

*Leslie E. Gjala* 3-30-09  
 VOOR755X LESLIE E. GJALA Date

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Beacon Aviation of Michigan, Inc. 3121 Circle Drive West Lansing, MI 48906 VOOR755X  
 LOG ID# 4262 29-June-2009 WO# 3830/2 AC TT 5295.9  
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 3050.9 TSFREM 941.9

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\*\*\*\* ANNUAL INSPECTION ENGINE \*\*\*\*

ENGINE TIO-540-SIAD, S/N L-7555-61A, 941.9 SFRM  
 PROPELLER HARTZELL, HC-E3YR-1RF, S/N FM1445B, 349.5 SINCE NEW

COMPLETED ANNUAL INSPECTION ON THIS ENGINE AND PROPELLER I/A/W PIPER PA-32-301T INSPECTION REPORT. NO OIL CHANGE AT THIS TIME DUE TO LOW HOURS SINCE LAST COMPLETED. COMPRESSIONS TESTED AS FOLLOWS. 1. 78/80 2. 76/80 3. 78/80 4. 78/80 5. 76/80 6. 78/80. CLEANED GAPPED AND ROTATED SPARK PLUGS. MAGNETO TO ENGINE TIMING CHECKED SATISFACTORY. INSPECTED AND PRESSURE TESTED EXHAUST SYSTEM. REPLACED INDUCTION AIR FILTER ELEMENT. REPLACED HEATER SCHEET DUCTING. INSPECTED ENGINE MOUNTS AND STRUCTURE. GROUND RUN AND CHECK FOR LEAKS AND PERFORMANCE SATISFACTORY.

I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

*Leslie E. Gjala* 6-29-09  
 VOOR755X LESLIE E. GJALA Date

N50DJ S/N 32-8124021 AIRCRAFT TOTAL TIME 3080.9 07-01-2010

ENGINE TIO-540-S1AD S/N L-7555-61A

TOTAL TIME 4654.4 TSO 845.0

ANNUAL INSPECTION: C/W 100/ANNUAL HR INSPECTION CHECKLIST.

CHANGED OIL AND OIL FILTER. SERVICED WITH AEROSHELL 100W 50WT OIL.

INSTALLED CH48103-1 OIL FILTER. INSTALLED 12 NEW RHB32E SPARK PLUGS.

C/W AD 91-21-01 INSPECTED EXHAUST SYSTEM NEXT DUE 3081.9.

C/W AD 02-26-01 INSPECTION OF FUEL INJECTOR LINES NEXT DUE 3180.9,

COMP CK 1. 72/80 2. 62/80 3. 70/80 4. 71/80 5. 70/80 6. 73/80

GREASED PROPELLER. RUN UP AND LEAK CHECK OK.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A

ANNUAL 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

M. BLAKE GROAT

A & P 2374942 IA

YEAR:	RECORDING TAG TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

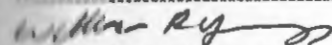
McCLELLAN AIRCRAFT MAINTENANCE, INC. 4270 Torrey Rd. Flint, MI 48507

09/21/10 Tach: 3093.6 N50DJ PA-32


Compression Check: (1) 76/80 (2) 70/80 (3) 76/80 (4) 73/80 (5) 76/80 (6)

74/80.

END

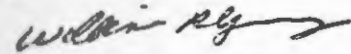
  
William R. Youngs A&P 2896057 I.A.



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<b><u>McCLELLAN AIRCRAFT MAINTENANCE, INC.</u></b> 4270 Torrey Rd. Flint, MI 48307
				05/26/2011 Tach: 3127.34 N50DJ PA32R-300 TSMOH: 1018.34
				ANNUAL INSPECTION performed. Inspected and lubed all engine controls.
				Cleaned and gapped spark plugs. Comp Check: (1) 77/80 (2) 77/80 (3) 78/80
				(4) 77/80 (5) 78/80 (6) 77/80. Changed oil and filter with 12 qts. of Aeroshell
				15W50 and Champion CH48103-1 filter. Sent oil sample to lab for analysis.
				Removed and replaced air filter element.
				Run aircraft on ground, all temps and pressures normal.
				OPS check good. Returned aircraft to service.
				IT IS CERTIFIED THAT THIS ENGINE HAS BEEN INSPECTED
				IN ACCORDANCE WITH AN ANNUAL AND IS DETERMINED
				TO BE IN AIRWORTHY CONDITION.
				-----END-----
				 William R. Youngs A&P 2896057 I.A.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<b><u>McCLELLAN AIRCRAFT MAINTENANCE, INC.</u></b> 4270 Torrey Rd. Flint, MI 48507
				<u>192798.62</u> DIVIDED BY <u>2309.2</u> = <u>83.49</u>
				(Total moment) (total weight) (new C.G.)
				The new empty weight is: <u>2309.2</u>
				The new empty C.G. is <u>83.49</u> inches <u>AFT</u> of the datum.
				The new useful load is <u>1290.8</u> lbs. at <u>3600.0</u> lbs. gross weight.
				See ACFT. Flight Manual for C.G. limits.
				-----END-----

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<b><u>McCLELLAN AIRCRAFT MAINTENANCE, INC.</u></b> 4270 Torrey Rd. Flint, MI 48507
				05/26/2011 TACH: 3127.34 N50DJ PA32R-300
				ANNUAL INSPECTION performed. Inspected and lubed all controls and structure. Replaced ELT battery, batt expire date 5/13. CW FAR 91.207 para (d) by OPS check. Removed and replaced air filter element. CW AD 2005-12-06 magneto impulse coupling by inspection. CW AD 2008-14-07 fuel injector fuel lines by inspection per Lyc MSB 342E dated 5/18/04. CW AD 2009-02-03 fuel injection servo plug by installing new improved servo plug gasket P/N 2577258 as terminating action to this AD. CW AD 2010-15-10 Correct assembly of control wheel shaft on pilot and co-pilot sides by inspection, per Piper MSB 1197A, September 1, 2009 and MSB 1197B, May 3, 2010. Installed cover on lower cowling hold.. Cleaned right fuel tank quik drain. Repaired wire on landing light. Removed Lorain radio. Removed rear bulkhead and battery box, radios, wires, and cleaned corrosion from all surrounding skins and painted with zinc chromate; reinstalled equipment. Repaired battery box cover. Adjusted right flap. Removed aircraft conditioner evaporator, fabricated and installed new belly

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<b><u>McCLELLAN AIRCRAFT MAINTENANCE, INC.</u></b> 4270 Torrey Rd. Flint, MI 48507
				skin and zinc chromate. Weight and balance adjusted. Removed aircraft condenser, condenser door, actuator and motor; reworked weight and balance. Removed and replaced all engine baffle seal. Removed cassette player, antenna, and coax. Fabricated brackets to installed ventilation blower. Replaced seal in pilot air vent. Replaced bulbs. Removed oxygen bottle; weight and balance adjusted. Reinstalled bolts in right aft facing seat and put bolt in other aft facing position.
				OPS check good. Returned aircraft to service.
				IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.
				-----END-----
				
				William R. Youngs A&P 2896057 I.A.



AVANTGARDE AVIATION, INC.

ENGINE LOG ENTRY N50DJ

5/18/2012, TACK 3212.6, TSMOH 1100.6, TOTAL 5507.6, PROP TS NEW 1326.6  
OIL AND FILTER CHANGED CUT FILTER OPEN NO METAL FOUND OIL USED AERO  
SHELL 15W50, COMPRESSION TEST #174/80, #2 74, #3 74, #4 74, #5 71,  
#6 74, MAG TIMING BOTH 20 DEGREES BTC, REPLACED #1 2 3 4 5 ROCKER BOX  
GASKETS, RESEALED GASKET ON OIL FILLER TUBE AND RESAFTYED, DRESSED  
AND PAINTED PROP, ADJUSTED ALTERNATOR BELT, INSTALLED HIGH TEMP  
BAFFLE MATERIAL TO BOTTOM COWL RIGHT SIDE TO STOP CHAFFING, REGLUED  
HEAT SHIELD TO TOP COWL, REPLACED ENGINE AIR FILTER, LUBE WASTE GATE  
& EXHAUST SLIP JOINTS WITH MOUSE MILK, TORQUE CHECKED FITTINGS AND  
HARDWARE, INSTALLED HEAT SHIELD ON WIRE BUNDLE RUNNING BY WASTE  
GATE, REPLACED ALTERNATOR A+ WIRE TERMINAL, REPAIRED HOLE IN MAG  
COOLING HOSE, REPLACED VACUUM HOSE FROM PUMP TO FIREWALL, REPLACED  
TWO BREATHER TUBE HOSES,

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH  
A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY  
CONDITION WORK ORDER #21024 JOHN F JOHN  
1519936A&I *John F John*

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Rep Facility. (See back pages for other specific entries.)
DATE				

**RexAir Service Center - 304 Citation Point - Naples, FL 34104 - Ph. 239-649-8822**

Date: 06-06-2013 N50DJ Piper PA32-301T S/N: 32-8124021 Tach: 3262.6 AFTT: 3262.6

Lycoming TIO-540- S1AD S/N: L-7555-61A TSMOH: 1150.6

Maintenance: Engine Annual WO# 3020

Performed Annual inspection in accordance with FAR 43 appendix D. Drained hot oil from engine. Replaced oil filter with new CH48103-1. Compression check results: #1) 78/80, #2) 70/80, #3) 77/80, #4) 73/80, #5) 78/80, #6) 79/80. Cleaned and tested all 12 plugs, installed and torqued to 420 in lbs. Serviced engine with 12 qts. Aeroshell W100 oil. Installed new BA-7 induction air filter element, next due change Tach: 3462.6 or 06/2014. C/M AD 2011-26-04 by inspection of lines and clamps, next due Tach: 3362.6. AD's checked through issue 2013-11. Adjusted idle mixture to correct for overly rich condition. Engine run for operational and leak checks. I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. -END-

Robert Blimmons *[Signature]* A&P 3074123 I.A.

**RexAir Service Center - 304 Citation Point - Naples, FL 34104 - Ph. 239-649-8822**

Date: 10-05-2013 N50DJ Piper PA32-301T S/N: 32-8124021 Tach: 3275.9 AFTT: 3275.9

Lycoming TIO-540- S1AD S/N: L-7555-61A TSMOH: 1163.9

Maintenance: Engine WO# 3090

Drained and serviced engine with 12 qts AS W100 oil and new CH48103-1 oil filter. Filter cut opened and examined, no metal found. Installed overhauled magneto p/n 10-682560-13 s/n A289802G and overhauled ignition harness p/n A51-10BS in compliance with Lycoming SI #1508C. Checked fuel servo inlet screen. Cleaned and gapped plugs. Cleaned fuel injector nozzles. Engine run for operational and leak checks. -END-

Ryan Salyer *[Signature]* A&P 3636791



AR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**RexAir Service Center - 304 Citation Point - Naples, FL 34104 - Ph. 239-649-8822**

Date: 11-10-2014 N50DJ Piper PA32-301T S/N: 32-8124021 Tach: 3308.33 AFTT: 3308.33

Lycoming TIO-540- S1AD S/N: L-7555-61A TSMOH: 1196.33

Maintenance: Engine WO# 3432

Installed oil seal MS29512-10 on oil cooler hose inlet nipple. Engine run for operational and leak checks. -END-

Rex Gasteiger *[Signature]* A&P 2962644

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Global Aero Maintenance Inc.  
Tampa, FL 33610



6530 Tampa Executive Airport Rd  
813-753-4020

DATE: 1/6/16	MODEL: TIO-540-S1AD	TACH: 3323.4
N#: N50DJ	S/N: L-7555-61A	ACTT: 3323.4
WO#: VDF15-070	CYCLE5:	TSMOH: 1211.4

**ENGINE LOG**

COMPLIED WITH A 100HR INSPECTION ON THIS ENGINE IAW PA32-301T MM. COMPRESSION RESULTS: #1-68, #2-66, #3-70, #4-78, #5-70, #6-66 /80. DRAINED OIL SERVICED WITH 12 QTS AEROSHELL W100+. CHANGED OIL FILTER P/N CH48103-1. INSPECTED OLD OIL FILTER ELEMENT PER SB 480E. CLEANED, GAPPED, TESTED AND INSTALLED SPARK PLUGS. REPLACED 3 RHB32E SPARK PLUGS. REPLACED #5 CYL PUSHROD SEALS P/N LW18861 AND ROCKER COVER GASKET P/N 71450. CLEANED OIL SUCTION SCREEN. CLEANED FUEL INJECTOR INLET SCREEN. COMPLIED WITH AD 91-21-01 BY VISUAL INSPECTION OF EXHAUST SYSTEM NEXT DUE 3423.4. COMPLIED WITH AD 15-19-07 BY VISUAL INSPECTION OF FUEL INJECTOR LINES AND CLAMPS NEXT DUE 3423.4. COMPLIED WITH AD 03-14-03 BY VISUAL INSPECTION FOR LEAKS N/A DUE TO 'M' STAMPED ON DATA PLATE. POST RUN AND LEAK CHECK SATISFACTORY.

"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

ERICH KNEES *[Signature]* A&P 2928839.



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

H&L AIRCRAFT SERVICES, INC.  
1765 McCollum Pkwy  
Kennesaw GA 30144  
Tel: 770-427-5400

N50DJ PA32-301T S/N 32-8124021  
TIO-540-S1AD S/N L-7555-61A  
Tach: 3360.22  
TSMOH: 1248.22

Date: 2/7/2017

I certify that this Engine has been inspected I/A/W an annual inspection and is considered to be in airworthy condition. Compression check on cylinders #1-6 as follows: 74/80, 76/80, 74/80, 72/80, 74/80, 72/80. Inspected engine and exhaust. Checked engine timing. Cleaned, gapped, and tested all sparkplugs. Drained oil, removed filter and inspected. No metal found. Serviced engine with 11 qts. Aeroshell 100W oil and 1 new CH48103-1 filter. Added 1 pint Camguard. Washed engine. Ground ran engine, all checks normal. No leaks found.

Kevin Southworth AP3641207IA

*Kevin Southworth*

H&L AIRCRAFT SERVICE, INC.  
1765 McCollum Pkwy  
Kennesaw GA 30144  
Tel: 770-427-5400

Date: 3/23/2018

*Engine*

N50DJ PA32-301T  
Tach: 3412.71

I certify that this Engine has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition. Compression check on cylinders #1-6 as follows: 70/80, 72/80, 72/80, 74/80, 70/80, 74/80. Drained oil. Collected oil sample for analysis. Removed filter, oil pan, and inspected. No foreign material found. Serviced engine with 11qts Phillips 20W50XC and a new CH48103-1 oil filter. Added 1 pint of Camguard. Inspected engine and exhaust. Cleaned fuel injectors. Cleaned, gapped, and tested all sparkplugs. Washed engine. Ran engine. All systems check normal. No leaks found.

Kevin Southworth AP3641207IA

*Kevin Southworth*

H&L AIRCRAFT SERVICE, INC.  
1765 McCollum Pkwy  
Kennesaw GA 30144  
Tel: 770-427-5400

Date: 4/4/2018

NN50DJ  
Tach: 3417.06

Replaced #3 EGT probe with new p/n M-111. Operational check good.

Kevin Southworth AP3641207IA

*Kevin Southworth*



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
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H&L AIRCRAFT SERVICE, INC.  
1765 McCollum Pkwy  
Kennesaw GA 30144  
Tel: 770-427-5400

Date: 4/5/2019

N50DJ

TIO-540-S1AD S/N: L-755-61A

Tach: 3472.6 Eng. TSMOH: 1360.6

I certify that this Engine has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition. Compression check on cylinders #1-6 as follows: 77/80, 72/80, 76/80, 77/80, 72/80, 72/80. Drained oil. Collected oil sample for analysis. Removed oil filter, cut open, and inspected. No foreign material found. Serviced engine with 10qts Aeroshell 50/100W, 1 bottle of Camguard, and a new CH48103-1 oil filter. Inspected engine and exhaust. Borescoped cylinders, no defects noted. Checked engine timing, no adjustment needed. Cleaned, gapped, and tested all sparkplugs. Replaced 1 spark plug with p/n RHB32E. Installed a new induction air filter p/n BA-7. C/W AD 91-21-01R1 C by inspection of exhaust system, due again @ 3572.6. Washed engine. Ran engine. Systems check normal. No leaks noted.

Kevin Southworth 3641207IA

*Kevin Southworth*