

N50DJ

TEXTRON Lycoming

Engine Log #1

ENGINE LOG

085

'98-'06

SSP-1872-1

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING

MAKE

MODEL

SERIAL

FROM _____ 19 ____ TO _____ 19 ____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872-1

October 1994

Mfgr.

Type

Rated

Rated

Bore

Comp

Reduc

Propel

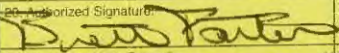
Blade

Max. H

Pitch

Name

Address

1. U.S.A.		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. A-134197	
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217				5. Work Order, Contract, or Invoice Number: A-153984	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number
1	ALTERNATOR	ALY6422	*	1	A-134197
12. Status/Work NEWLY OHC					
13. Remarks * Various. See W/O. Newly Overhauled & Certified					
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. <input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. <input checked="" type="checkbox"/> Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature		16. FAA Authorization No.	20. Authorized Signature: 		21. Certificate Number: NV2R045L
17. Name (Typed or Printed):		18. Date	22. Name (Typed or Printed): BRETT PORTER		23. Date: AUG 19 1998

FAA Form 8130-3 (11-93)

* (Optional) Installer must cross check eligibility with applicable technical data.

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Cu. In.

No.

al No.

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TLRED-489
(Rev. 10-96)

License
Number

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: TIO-540-S1AD
Serial #: L -7555-61A
Total Time: 4407.0
Work Order #: PL0311854
Date Completed: 2/10/98

Authorized Signature S. F. Ellis
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

Total to Date

Certificate Number MUST be shown.

N50DJ Engine Total 4407

Date 9-25-98; Tach 2112.0 Total 0.0: Install this engine on N50DJ using new Lord mounts and bolts. Serviced with 12qts Aeroshell 100 mineral oil. Install new alternator belt, airconditioning belt, air filter, EZ heat engine heater, tit probe and lead, and tack cable. Install overhauled Alternator and governor. Flush and dress prop. Washed and ran engine, leak and operationally checked O.K. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. Nick Chaffee LA371862787 for North Country Aviation, Inc.

Nick Chaffee

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be shown.

Serial No.

Signature

License
Number

N50DJ Engine

Date 12/23/98; Tach 2131.42; Total 4426.42: Completed an annual inspection this date. Changed oil & filter. Filter checked OK. Serviced with 12qts Aeroshell 65 mineral oil. Cleaned, gapped, tested, & rotated plugs. Dressed & greased Prop. Compression as follows #1 79/80, #2 79/80, #3 79/80, #4 79/80, #5 79/80, #6 79/80. Leak and operationally checked O.K. Installed 6 cylinder preheaters, checked O.K. Adjusted timing. Removed, trimmed, & reinstalled exhaust crossover pipe heat shield IAW SB 499B Fig. 4. Rerouted & siliconed several chafing lines. Complied with AD's 91-21-01R1, 92-12-10, 93-05-22, 95-26-13 by inspection; no defects noted. AD 98-18-12 DNA by date of SB529. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. Nick Chaffee IA371862787 for North County Aviation, Inc.

Nick Chaffee

License
Number

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

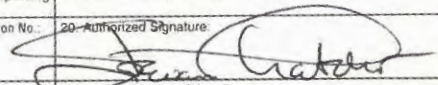
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-2-99			Fuel Injection servo Repaired By BAS Aircraft		
2-14-99			All nozzles cleaned & Flowed. Replaced O-Rings on Nozzles. Alternator Repaired By Aero Electric & Reinstalled Re Aligned Pulleys For Air Conditioner Pulleys & Replaced V-Belt. Operational Ground Run Normal.		
			<i>END</i> <i>Lashie C. [Signature]</i> For General Aviation Inc. CRS ECFR591D		

Page Total

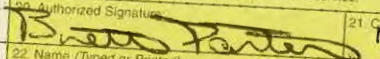
Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

1. United States of America		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. 99-011117	
4. Organization B & S Aircraft Parts & Accessories, Inc. 1414 South Mosley Wichita, KS 67211-3387 FAA Certified Repair Station No. NE2R028L				5. Work Order, Contract, or Invoice Number: Work Order No. R99-011117	
6. Item	7. Description	8. Part Number	9. Elig	10. Qty	11. Serial/Batch Number
1	Fuel Injector	2524791-7 RSA-103D2		1	84900
12. Status/Work Repaired					
13. Remarks See copy of Work Order No. 99-011117, attached, for description of work performed.					
Certifies work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4228 Pertinent details of work performed are on file at this station under Work Order Number 99-011117					
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. <input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness Regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature:		16. FAA Authorization No.:		21. Certificate Number: NE2R028L	
17. Name (Typed or Printed):		18. Date:		23. Date: Feb 23, 1999	
		20. Authorized Signature: 		22. Name (Typed or Printed): Steven L. Thatcher	

*(Optional) Installer must check eligibility with applicable technical data.

1. U.S.A.		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. A-134197	
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217				5. Work Order, Contract, or Invoice Number: A-159543	
6. Item	7. Description	8. Part Number	9. Elig	10. Qty	11. Serial/Batch Number
1	ALTERNATOR	ALY6422		1	
12. Status/Work NEWLY OHC					
13. Remarks *To be verified by installer. See W/O. Overhauled & Certified.					
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. <input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature:		16. FAA Authorization No.:		21. Certificate Number: NV2R045L	
17. Name (Typed or Printed):		18. Date:		23. Date: Feb 23, 1999	
		20. Authorized Signature: 		22. Name (Typed or Printed): BRETT PORTER	

*(Optional) Installer must cross check eligibility with applicable technical data.

THIS SECTION TO BE COMPLETED BY THE INSTALLER
A/C HOURS WHEN REMOVED

COPY

7. 48906

2141.9.

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/23	2	68	Oil & filter change 20-50 x/c	[Signature]	
6/8/14	2	20	" " " " " "	[Signature]	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Date: 12/9/99 Aircraft: N50DJ Type: PIPER PA-32-301T S/N: 32-8124021
 Tach Time: 2255.2, Total Time: 2255.2 ENGINE SMOH 43.2

INSPECTED ENGINE IAW PIPER PA32-301T INSPECTION GUIDE. COMPRESSION CHECK #1 78/80 #2 79/80 #3 78/80 #4 79/80 #5 78/80 #6 78/80. CHANGED OIL AND FILTER. SERVICED WITH 12 QTS AEROSHELL 65W OIL. DREW AND SENT SAMPLE. CHECKED TIMING. CLEANED AND TESTED SPARK PLUGS. REPLACED IDLER PULLEY ASSEMBLIES ON BOTH THE ALTERNATOR AND AIRCONDITIONING SYSTEMS. REPLACED AIRCONDITIONING BELT. CHECKED PULLEY ALIGNMENT AS PER PIPER SL 403A. FOUND COMPRESSOR WHEEL DAMAGE. SENT TURBOCHARGER OUT TO APPROVED TURBO COMPONENTS, INC. FOR OVERHAUL. REINSTALLED TURBOCHARGER. REPLACED TURBO CHARGER HEAT SHIELDS. REMOVED AIRBOX AND ISSUED WELD REPAIR. COMPLIED WITH FUEL INJECTOR LINE AD 93-05-22 BY INSPECTION. DUE AGAIN AT 2255.2. CHECKED AD'S THROUGH 99-23. WASHED ENGINE. GROUND RUN SATISFACTORY.

THIS AIRCRAFT AIR FRAME, AIRCRAFT ENGINE OR APPLIANCE IDENTIFIED ON THE
WORK ORDER WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR
STATION WORK ORDER # 50307 — Date: 12/9/99 —
Signed: Ron Marshall
FOR F.A.A. APPROVED REPAIR STATION ECFR4590
AEROGENESIS I LLC

CAPITAL CITY AIRPORT

Serial No.

<p>I CERTIFY THAT THIS ENGINE</p>	<p>IN ACCORDANCE WITH</p>	<p>AND WAS DETERMINED</p>	<p>DATE 12/5/87</p>	<p>SIGNATURE</p>	<p>FOR F.A.A. APPROVED REPAIR STATION ECFR-59D</p>	<p>HAS BEEN INSPECTED INSPECTOR TO BE IN AIRWORTHY CONDITION 235.7 Signature</p>	<p>Signature</p>	<p>License Number</p>
<p>AEROGENESIS I, LLC CAPITAL CITY AIRPORT LANSING, MICHIGAN 48906</p>								

**Bear the Endorsement of a
C, and his Rating and
MUST be Shown.**

Date _____
Hr _____

Date: 5/01/2000 Aircraft: N50DJ Type: PIPER PA-32-301T S/N: 32-8124021
Tach Time: 2272.18, Total Time: 2272.18, Engine Time: 116.98

PERFORMED ANNUAL INSPECTION THIS TIME AND DATE IAW PIPER PA32-301T
INSPECTION GUIDE. CHANGED OIL AND FILTER. SERVICED WITH 12QTS. OF AEROSHELL
100W OIL. PERFORMED COMPRESSION CHECK, #1 79/80, #2 76/80, #3 79/80, #4
78/80, #5 72/80, #6 76/80. PRESSURE CHECKED EXHAUST SYSTEM. CHECKED MAG
TIMING. CLEANED, GAPPED AND ROTATED SPARK PLUGS. REPLACED A/C BELT. CHECKED
ALIGNMENT AND TENSION. CHECKED AD'S THROUGH 2000-8. GROUND RUN GOOD.

THIS AIRCRAFT AIR FRAME, AIRCRAFT ENGINE OR APPLIANCE
IDENTIFIED ON THE WORK ORDER WAS REPAIRED AND INSPECTED IN
ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION
AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT
DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION WORK
ORDER# 50817


DATE 5/1/2000 SIGNATURE Ron Marshall
FOR F.A.A. APPROVED REPAIR STATION ECFR459D
AEROGENESIS I, LLC
CAPITAL CITY AIRPORT
LANSING, MICHIGAN 48906

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED
IN ACCORDANCE WITH Annual
AND WAS DETERMINED TO BE IN AIRWORTHY
DATE 5/1/00 T.T. 2272.2 W/O 50817
SIGNATURE Ron Marshall
FOR F.A.A. APPROVED REPAIR STATION ECFR459D
AEROGENESIS I, LLC
CAPITAL CITY AIRPORT
LANSING, MICHIGAN 48906

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/1/00	23	00	BIL Δ; X/c 20-50 Pumps; ✓ 4 leaks - OK 		

N 50DJ

OAKLAND
SOUTHWEST
AIRPORT

MODEL PA32-301T

AIRCRAFT
MAKE Piper

S/N 32-8124021

57751 Pontiac Trail • P.O. Box 329 • New Hudson, MI 48165 • (810) 437-2333

DATE 2-9-01 TACH./HR. METER 2368.51 TOTAL TIME _____

Changed oil and filter. Took sample for analysis. Serviced
with 11qt 15w 50. Robert Damerian #8374720689.

ENGINE LOG

Serial No. _____

Date	Time	License
AeroGenesis Aviation Inc. 517-676-4860 661 Eden Road Mason MI 48854 Fax 517-676-4863 Date: 5/11/01 <u>Engine Maintenance Log Entry</u> Shop Order #2362 Eng. TSN/TSMOH: 277.5 Registration- #N50DJ Engine s/n: L-7555-61A Tach or Hobbs: 2389.25 PERFORMED ANNUAL INSPECTION ON THIS ENGINE AND PROP. I/A/W PIPER PA2-301T INSPECTION GUIDE. CHECKED ALL A.D.'S THROUGH 2001-08. REPLACED OVERBOARD EXHAUST STACK WITH EXCHANGE UNIT FROM DAWLEY AIRCRAFT. NO OIL CHANGE AT THIS TIME. CUT AND INSPECTED OIL FILTER. NO DEFECTS NOTED. ISSUED MINOR REPAIRS TO BOTTOM COWL AT SUPPORT BRACKETS. REPLACED INDUCTION AIR FILTER. Compression Test: #1 78/80, #2 78/80, #3 76/80, #4 78/80, #5 76/80, #6 76 /80. Ran-up, all systems operational and leak checks satisfactory. I certify that this engine has been inspected in accordance with a <u>Annual</u> inspection and has been determined to be in an airworthy condition this date. <u>[Signature]</u> A/P 470725491 I/A Brought Forward Certified mechanic, and his rating and Certificate Number MUST be Shown.		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/26/01	24	07.00	OIL & FLTR Δ; 1'd leak; AEROSHELL 100-50 WT	[Signature]	
7/22/01	24	39	" " " " " "	[Signature]	
11/23/01	24	67	" " " " " "	[Signature]	40 WT
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-23-02	TACH: 2517		Performed annual inspection on this engine I/A/W Piper 100 Hr. ck. list. Compression's show #1 $\frac{76}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{78}{80}$ #5 $\frac{76}{80}$ #6 $\frac{75}{80}$. Drained oil, replaced oil filter, serviced engine with 12 Qts Aeroshell 100W. Installed JPI fuel flow system. Replaced all spark plugs. Replaced compressor and alternator belts. Replaced Right exhaust crossover pipe. Replaced high time vacuum pump.		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>4-23-02</u> T.T. <u>2517</u> W/O <u>1181</u> SIGNATURE <u>[Signature]</u> <u>FA 2665393</u> FOR FAI APPROVED REPAIR STATION <u>ECR4500</u> AEROSHELL 100 CAPITAL CITY AIRPORT TOLSON, MICHIGAN 48066					

8/20/02 2566 HRS OIL Δ: ✓ 4 CRACKS AEROSHELL 100 + LCC "ADDITV." [Signature]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-14-02	2596.22		Removed prop and replaced A/C belt. Reinstalled prop using new oring. Torqued, Saffied, and tracked prop. Run engine, no leaks noted, A/C checks good. Robert [Signature]		
Page Total Brought Forward Total to Date					

All Repair Data Must Bear the Endorsement of a
 Certificated Mechanic, and his Rating and
 Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

NORTHERN AIR

License
Number

LOG BOOK ENTRY

Make: Lycoming
Total time: 4909.3

Dated: 02/24/03
Model: TIO-540-S1AD
Tach time: 2614.3

N#: 50DJ
SN: L-7555-61A
Total Airframe Time: 4909.3

Removed this engine from N50DJ, airframe serial no. 32-8124021, to comply with Lycoming SB 553.

The work identified above was performed in accordance with the current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details are on file at this agency under;

W/O# 37618

Signed:

DATED: 02/24/03

for

Wayne Bishop

NORTHERN AIR INC., CRS# N81R812N, GERALD R, FORD INT'L AIRPORT, GRR, MI. 49512

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701

04/15/03 Engine s/n L-7555-61A was removed from service with 502.3 TSMOH and returned to Lycoming for inspection/repair in compliance with SB552. Engine was disassembled, cleaned, and inspected. Accessory housing & scavenge pump were reworked and inspected to blueprint. Honed #1, 2, 5, & 6 cylinders. Engine was reassembled replacing the crankshaft with s/n V537930004, crankcase with match # K0481, turbocharger with s/n GCL00027, (1) crankshaft gear, (1) cable assembly, fuel pump with s/n B3863, crankshaft gear & idler gear, (1) turbo bracket, oil pump body, sump baffle, camshaft, turbo drain tank, prop. governor shaft and gears, fuel pump idler gear, (2) intake pipes, and (2) cylinders including valves, springs, & seats. Also replaced were all: bearings, piston rings, impellers, tappets, pistons, hardware necessary for the repair, and all perishable items. Engine was tested in accordance with Lycoming specifications and determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 240S, 342D (2002-26-01), 475C (91-14-22), 528, 529A, 539A, 543A, 553 (2002-19-03), 554, 555, SI 1267C, 1421, and 1487. All pertinent data relating to this work is on file at Lycoming under work-order CA7555.

S. A. Bower, Repairman # 2737768
Repair Station EJ1R115K

END

[illegible]

Dated: 5/9/2003

Model PA-32-3011

11 2015.1

1994年 10月 10日 星期一

Total to Date

Serial No.

License
Number

N50DJ, LYCOMING, TIO-540-S1AD, S/N L-7555-61A, 6-6-2003, 2615.4 HOBBS.
503.4 S/M/O/H

Leslie E Ojala A/P 470725491 I/A

Total to Date

Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/24/03	2	45	hrs On A/C. ACCEL. SHELL MULTI 100		

Beacon Aviation of Michigan, Inc. 661 Eden Rd. Mason, MI 48854 VOOR755X
 LOG ID# 572 17-April-2004 WO# 589/2
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2684.0

Pg 1/1

**** ANNUAL INSPECTION ENGINE ****

LYCOMING TIO-540-SIAD S/N L-7555-61A 2684.0 TACH 572.0 SINCE FACTORY REMAN.
 HARTZELL PROPELLER HC-E3YR-1RF S/N FM244 TOTAL TIME 2684.0, 1268 SINCE O/H

COMPLETED ANNUAL INSPECTION ON THIS ENGINE AND PROPELLER I/A/W PIPER PA-32-301T INSPECTION GUIDE.
 CHANGED OIL AND FILTER. SERVICED WITH AEROSHELL 100W AND 2 LW-16702 ADDITIVE. CUT AND INSPECTED
 FILTER ELEMENT, NO DEFECTS NOTED. COMPRESSIONS TESTED AS FOLLOWS. 1. 78/80 2. 78/80 3. 77/80 4.
 78/80 5. 78/80 6. 77/80. CLEANED GAPPED AND ROTATED SPARK PLUGS. MAGNETO TO ENGINE TIMING CHECKED.
 ADJUSTED OIL PRESSURE UP. ADJUSTED IDLE RPM DOWN TO 700 RPM. REPLACED INDUCTION AIR FILTER ELEMENT
 BA-7. ISSUED WELD REPAIR TO OIL COOLER BRACKET. INSPECTED AND LUBED ENGINE CONTROLS. INSPECTED AND
 PRESSURE TESTED EXHAUST SYSTEM. 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

Signed Leslie E. Ojala VOOR755XDate 4-17-04

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-4-04			TACH 2701.42 T.T. 1285.42 T3MOH. 589.42. REMOVED Lye TIO-540SIAD S/N L-7555-61A. FROM N50DJ FOR SUDDEN STOPPAGE INSPECTION DONE BY LY-COW SEE REPAIR TAG. CLEANED & PAINTED ENGINE MOUNT CLEANED & REPAIRED & PAINTED BAFFLING. INSTALLED ENGINE ON MOUNT BY USING PIPER SERVICE MANUAL. INSTALLED NEW HARTZELL PROPELLER M/N HC-E3YR-1R/ 16773DR FROM H&S PROP. SERVICE ENG WITH 12 QT AEROSHELL 65. GROUND RUN ENG. NO LEAKS. INSTALLED COOLING. AIRCRAFT WAS TEST FLOWN - SEE NEXT PAGE		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
AND ENGINE PERFORMANCE SATISFACTORY AND APPROVED FOR RETURN FOR SERVICE. — END —					
Thomas A. Richardson AWP 2298530 I.A. OAKLAND FLIGHT					
Tach Time: 2701.42. Total Time: 1285.42. TSMOH: 589.42. Disassembled Lycoming TIO-540-51AD engine s/n L-7555-61A for sudden stoppage inspection in accordance with Lycoming Service Instruction 163C. No damage noted at this time. Reassembled using new parts listed. Magnafluxed steel parts, dye penetrant inspected crankcase, complied with A.D.2004-10-14 per LSB 475C. Returned engine to Oakland Flight Service for installation of accessories & baffling, installation in aircraft, run-in & return to service.					
The aircraft, engine, or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return for service at this time. Pertinent details of this repair are on file at this repair station under work order 13112 dated 09/22/2004.					
Signed <u>Thomas A. Richardson</u> for Ly-Con Aviation Inc. Certified Repair Station number PB2R077L. 57751 Pontiac Trail, New Hudson, MI 48165. (248)446-6655.					

ENGINE LOG

Serial No. _____

Date	Time		REP	1	2	8	8	12	12	12	2	6	12	6	2	12	6	6	1	1	6	Total to Date	Signature	License Number
	Hrs	Min																						
				SL12956	GASKET SET																			
				73648	COUNTERWEIGHT ROLLER																			
				76788	COUNTERWEIGHT ROLLER																			
				SL14820	COUNTERWEIGHT ROLLER																			
				SL71907A	COUNTERWEIGHT PLATE																			
				SL74309A	CONNECTING ROD BEARING																			
				LW12596	CONNECTING ROD BOLT																			
				SL12186	CONNECTING ROD NUT																			
				18A19399	FRONT MAIN BEARING																			
				LW14830	MAIN BEARING																			
				72198	PISTON PIN PLUG																			
				SLSTD2180	ROCKER DRAIN HOSE																			
				SL13641	MAG CUSHION																			
				951391	INJECTOR O-RING																			
				76772	UPPER DECK HOSE																			
				73772	PISTON COOLING OIL NOZZLE																			
				CH48103	CHAMPION OIL FILTER																			
				MS9144-01	GOVERNOR GASKET																			
				LW19332	CONNECTING ROD																			

Page 1
Brought
Total to Date

for the Endorsement of a
d his Rating and
be Shown.

ENGINE LOG

Serial No. _____

Date 11-1-04 N50DJ TACH 2701.42
 Serviced A/E system with
 R134A. Replaced High Pressure
 Valve. ops check okay.
 Tom A. Pulte A/P 37364/1876
 For Michigan Aviation KL2R956K

Signature

License
Number

Endorsement of a
 rating and

Certificate Number MUST be Shown.

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

Beacon Aviation of Michigan, Inc. 661 Eden Rd. Mason, MI 48854 VOOR755X
 LOG ID# 1493 07-May-2005 WO# 1401/2 AC TT 5033.9
 N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2738.9 TSFREM 629.9

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**** ANNUAL INSPECTION ENGINE ****

ENGINE LYCOMING, TSIO-540-S1AD, S/N L-7555-61A, 629.9 SINCE FACTORY REMAN.
 PROPELLER HARTZELL, HC-E3YR-1RF, S/N FM1445B, 37.5 HRS SINCE NEW

COMPLETED ANNUAL INSPECTION ON THIS ENGINE AND PROPELLER I/A/W PIPER PA-32-301T SERIES INSPECTION
 GUIDE. NO OIL FILTER CHANGE DONE AT THIS TIME. FILTER CHANGED AND OIL SAMPLE DRAWN FROM FILTER AND
 SENT. COMPRESSIONS TESTED AS FOLLOWS. 1. 78/80 2. 78/80 3. 77/80 4. 78/80 5. 74/80 6. 78/80. CLENE
 D AND ROTATED SPARK PLUGS. REPLACED AIRCONDITIONING BELT. INSPECTED AND PRESSURE TESTED EXHAUST
 SYSTEM, C/W A.D. 91-21-01 INSPECTION OF EXHAUST I/A/W S.B. 484. MAGNETO TO ENGINE TIMING CHECKED
 SATISFACTORY. INSPECTED FUEL INJECTION LINES AND FUEL INJECTION PUMP FOR LEAKS AND SECURITY I/A/W
 S.B. 2002-26-01 AND 2003-14-03. ALL OF THESE A.D.S RECUR EACH 100 HRS. INSPECTED ENGINE MOUNTS AND
 STRUCTURE. REPLACED INDUCTION AIR FILTER ELEMENT. CLEANED FUEL STRAINER. 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. Ojala

5-7-05

Date

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

Beacon Aviation of Michigan, Inc. 661 Eden Rd. Mason, MI 48854 VOOR755X
LOG ID# 1684 09-August-2005 WO# 1589/1 AC TT 2768.3
N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2768.3

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**** OIL CHANGE ****

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

 8-9-05
VOOR755X LESLIE E. OJALA Date

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

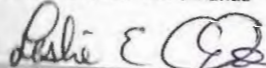
Beacon Aviation of Michigan, Inc. 661 Eden Rd. Mason, MI 48854 VOOR755X
LOG ID# 2160 01-April-2006 WO# 1970/2 AC TT 5103.7
N50DJ S/N 32-8124021 PIPER PA-32-301T TACH 2808.7 TSFREM 699.7

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**** ANNUAL INSPECTION ENGINE ****

ENGINE LYCOMING, TSIO-540-SIAD, S/N L-7555-61A, 699.7 SINCE FACTORY REMAN.
PROPELLER HARTZELL, HC-E3YR-1RF, S/N FM1445B, 107.3 SINCE NEW
COMPLETED ANNUAL INSPECTION ON THIS ENGINE AND PROPELLER I/A/W PIPER PA32-301 SERIES INSPECTION
GUIDE. CHANGED OIL AND FILTER. SAMPLE DRAWN AND SENT AT THIS TIME. CUT AND INSPECTED FILTER ELEMENT,
NO DEFECTS NOTED. SERVICED WITH AEROSHELL 100W OIL. COMPRESSIONS CHECKED AS FOLLOWS. 1. 79/80 2.
77/80 3. 79/80 4. 78/80 5. 78/80 6. 78/80. CLEANED GAPPED AND ROTATED SPARK PLUGS, REPLACED LOWER NO
4 PLUG. . MAGNETO TO ENGINE TIMING CHECKED SATISFACTORY. INSPECTED AND PRESSURE TESTED EXHAUST
SYSTEM I/A/W A.D. 91-21-01. REPAIRED WIRE TO ALTERNATOR NOISE FILTER. ISSUED SHEET METAL REPAIR TO
RIGHT AFT SIDE OF COWL HEAT SHIELD.
INSPECTED ENGINE MOUNTS AND STRUCTURE. INSPECTED ACCY'S FOR SECURITY. 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.

 4-1-06
VOOR755X LESLIE E. OJALA Date

DATE _____

Service Bulletins, Letters,
Instructions & A D Notes

START LOG # 2



1870 7-19-96
OVERHAULED & CERTIFIED

AK FORM 083287

Aero Kool Corporation

1495 S.E. 10th Ave., Hialeah, Florida 33010-5984 Phone (305) 887-6912

FAA APPROVED REPAIR STATION #VD1R554K
Phone: 800-458-4255
Phone: 305-887-6912
Phone: 305-888-3082
FAX: 305-885-2820

NOMENCLATURE: OIL COOLER

P/N: 8535311

S/N: 81B-246

MFR: HARRISON

MODEL NO.: N/A

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS NEWLY OVERHAULED AND
INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND
AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIR ARE ON FILE
AT THIS AGENCY UNDER: WORK ORDER NO. 10395


AUTHORIZED SIGNATURE

AVTECH AVIATION

DATE: 6-13-96

AP174601100