

TEXTRON Lycoming

ENGINE LOG

*N800AT - RIGHT
LOGBOOK #1*

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 T10-360-C1A6D L-197-64A
MAKE MODEL SERIAL
FROM APRIL 27, 19 99 TO _____ 19 _____
DETAILING TIME FROM 1800.0 HOBBS TO _____
HOURS HOURS

SSP 1872-1

October 1994

TEXTRON Lycoming

Form No. 365

Reciprocating Engine Division/
Subsidiary of Textron Inc.

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

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. All 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.

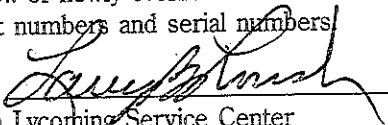
Engine Model: TIO-360-C1A6D Signed

Serial #: L-197-64A

Date: 04/05/99

Total Time: 5318:7

Work Order #: 04/05/99


Textron Lycoming Service Center
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754
Repair Station: ED1R109K

ENGINE DESCRIPTION

Mfgr. **TEXTRON LYCOMING**

Type

Rated H.P.

Rated R.P.M.

Bore

Compression Ratio

Reduction Gear Ratio

Propeller

Blade Design

Max. Hub H.P.

Pitch

Name

Address

TEXTRON Lycoming

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

ENGINE SERIAL NUMBER **L-197-104A**

IN SERVICE DATE **27 04 99** ENG. T.T. **0319**

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

Blade Serial No.

Blade Serial No.

Max. Blade H.P.

Diameter

Length

\$

u. In.

ENGINE LOG

Serial No. L-197-64A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/27/99			INSTALLED THIS ENGINE ON N800AT IN THE RIGHT POSITION		
HOURS: 1800	0		WITH NEW STOCK MOUNTS & MOUNTING HARDWARE AND THE FOLLOWING		
SNOH: 00	00		OVERHAULED ACCESSORIES: PROP HC-C24K-2C4R/FC7666A, S/N: A474716		
GTT: 5318	7		GOVERNOR M/N: A210655, S/N: 1942781; TCM MAGNETO D4LN-3000, P/N:		
			10-682555-13, S/N: B1799026; FUEL SERVO RSA-SAD1, P/N: 2524939-2,		
			S/N: 70124605; TURBO CHARGER 3BT5EE10J2, P/N: 46A21184, S/N:		
			7\$1098017; STARTER MHB-4016, S/N: 9012784; ALTERNATOR ALU-8421L\$		
			S/N: 8111830; FUEL PUMP LN11160, P/N: RG17980K, S/N: C4748;		
			OIL COOLER P/N: 8533718, S/N: 766-2809; VACUUM PUMP 211CC,		
			S/N: 80003 & NEW OIL & FUEL FUEL HOSE ASSY'S.		
			Page Total		
			Brought Forward		
			Total to Date		

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

(CONTINUATION ON NEXT PAGE)

ENGINE LOG

Serial No. L-197-64A

Date	Time		(CONTINUATION FROM PREVIOUS PAGE) REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/27/99			REPAIRED, CLEANED & PAINTED ENGINE BAFFLES. REPLACED BAFFLE		
HOBBS	1800	00	SEAL MATERIAL WITH NEW. REMOVED CRANKSHAFT EXPANSION PEEKS.		
SMOH		00	REPLACED INDUCTION AIR FILTER ELEMENT WITH NEW. C/W LYCOMING		
ETT	5318	7	SI. 1472 - REMOVAL OF PRESERVATIVE OK. C/W SI. 1014M - SERVICED		
			ENGINE WITH EQTS OF AEROSHELL 100W ASHLESS DISPERSANT OIL.		
			C/W SI. 1241C - PRE OILED ENGINE & TURBO CHARGER. C/W AD 93-02-05		
			FUEL LINE INSP. ALL OKAY. NEXT DUE 1900.0 HOURS; 4/2000 OK NEXT LINE		
			REMOVAL. C/W AD 93-12-12 FUEL PUMP RELIEF VALVE ATTACHMENT SCREWS		
			INITIAL TORQUE CHECK. ALL OKAY. NEXT DUE AT 1850.0 HOURS		
			(CONTINUATION ON NEXT PAGE →)		
			Page Total		
			Brought Forward		
			Total to Date		

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 Certificated Mechanic and his Rating and
 Certificate Number ST be Shown.

ENGINE LOG

Serial No. L-197-64A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/27/99			(CONTINUATION FROM PREVIOUS PAGE)		
HOBBS	1800	00	C/W SI. 142TB - GROUND RUN UP INSTRUCTIONS AND ADJUSTED		
SMITH	00	00	IDLE MIXTURE & RPM. RUN UP & LEAK CHECK OKAY.		
ETT	5318	7	NO LEAKS. RER. ASC w/o 103916 Byron J Koh.	AIR SERVICE CORPORATION FAA Approved Repair Station Certificate No. RG3R814L Honolulu International Airport Honolulu, Hawaii 96819	
			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. L-197-64A

[illegible]

ENGINE LOG

Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

[illegible]

DISCREPANCY LIST

Date:

5/3/99

Page:

1 of 1

ARTICLE

CAP. P68C-TC PARTENAVIA

IDENT. NO.

N800AT

W.O.B:

Item
No.

DISCREPANCY

CORRECTIVE ACTION

5/3

Right Engine
Left Mag Failed.

REMOVED MAG SN B179402GA INSTALLED
MAG & HARNESS ASSY SN D289910G. TIMED MAG
TO ENG. OPS & LEAK CHECK OK FOR RETURN
TO SERVICE AT THIS TIME TORBS 1813.2

Entered By: Renee

Mech.

Inspector

2336693V G-4-99

ENGINE LOG

Serial No. _____

ENGINE LOG

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/18/99			DRAINED OIL, CHANGED OIL + FILTER	Serviced	
HOPKINS	1852.8		ENGINE W/ 8 9/16 PISTONS LOST. CLEANED,		
SNOW	52.8		CRANK TESTED. ALL SPARK PLUGS REMOVED +		
ET	5371.5		REMOVED ALL INTAKE GASKETS AND C/W		
			AD 98-18-12 DETORQUE RUL PUMP RELIEF		
			VALVE ADJUSTING SCREW. SB 529 ENGINE RUN.		
			W/ OK. ROK ASC W/O # 385734		
			NEXT GUN AT 1900HR.		
				<i>Steve A. Pohoda</i>	
				FAA Approved Repair Station	
				Certificate No. RG3K8141	
				Monticelli International Airport	
				Honolulu, Hawaii 96819	
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.

[illegible]

Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/28/99			Drained oil & changed oil & filter. Serviced engine w/8qts		
HOBBS:	1948.0		Aeroshell 100 SAE 50 wt oil. Cleaned, gapped & tested spark		
SMITH:	148.0		plugs. C/w AD 9B-18-12 Romet fuel pump relief valve		
RTT:	544.9		screw torque check AD no longer repetitive IAW AD		
			9B-18-12 Par. (d)(3)(i). Applied thread sealant to all		
			inboard intake tube bolts. Removed & cleaned all fuel		
			injectors & fuel servo filter, reinstalled & C/w AD 93-02-05		
			Fuel injection line inspection. Ground run up good,		
			No leaks. Ref use w/o # 305255.		
			C/w 1492 B Fueler fun wear OK Next due 1998.0		
			Page Total		
			Brought Forward		
			Total to Date		

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

AIR SERVICE CORPORATION
 FAA Approved Repair Station
 Certificate No. PC30874L
 Honolulu International Airport
 Honolulu, Hawaii 96819

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/27/99			Removed Fuel Servo M/N: RSA-SAD1; P/N: JS24939-2;		
HOBBS	1975	S	S/N: TD124605, FOR WARRANTY REPAIR BY B&S AIRCRAFT PARTS		
SMITH.	175	S	& ACCESSORIES, INC (REF INV. #28974) & Reinstated, Ground Run up		
			& Adjusted Mixture & Idle RPM & Leak ✓ GOOD. NO LEAKS.		
			Ref. ASC no: 202356. Guyon G.L.	AIR SERVICE CORPORATION FAA Approved Repair Station Certificate No. RG3R814L Honolulu International Airport Honolulu, Hawaii 96819 J	
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified Mechanic _____ his Rating and Certificate Number MU _____ Be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/21/99			Removed, cleaned + TESTED		
WORKS	175.5		SPARK PLUG ENGINE RUN UP		
SMOKE	175.5		RE ENGINE MAG DROP OK		
			REF ASC 2/0 385375	Pete A. Anderson	
12/9/99			Removed SPARKPLUGS, TESTED, CLEANED &	AIR SERVICE CORPORATION	
WORKS	198.8		PERTESTED, REMOVED. ✓ MAG TIMING TO	FAA Approved Repair Station	
SMOKE:	158.8		ENGINE. OKAY @ 20° BTDC. Run up & ADJUST	Certificate No. RG3R814L	
			MIXTURE. MAG DROP ✓ OKAY. REF.	Honolulu International Airport	
			ASC #b: 385363. <i>Byron</i>	Honolulu, Hawaii 96810	
			Page Total	AIR SERVICE CORPORATION	
			Brought Forward	FAA Approved Repair Station	
			Total to Date	Certificate No. RG3R814L	
				Honolulu International Airport	
				Honolulu, Hawaii 96819	

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			
17/00 POBBS SMOIT ETI			Drained oil & replaced oil filter. Serviced engine w/ 94ts crosshull, 100. Cleaned, gapped & tested spark plugs. performed compression test: 19/00, 14/00, 12/00, 10/00. C/w AD 93-02-05 fuel injector line map all ok at this time. Next due at 2101.2. C/w S8 1492B oil filter & screen mag all ok at this time. Next due at 2051.2. Ground run wq good. No leaks. Ref Adl wot 28052er.		
				<i>Peterman Orit</i>	
				AIR SERVICE CORPORATION	
				FAA Approved Repair Station	
				Certificate No. RG3R814L	
				Honolulu International Airport	
				Honolulu, Hawaii 96819	
			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.

[illegible]

Serial No. _____

[illegible]

Serial No. _____

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

ENGINE LOG

Serial No.

[illegible]

ENGINE LOG

Serial No.

Date		Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
		Hrs	Min			
6/23/00				Removed SPARKPLUGS, cleaned & TESTED, Re-installed. CHECKED MAG TO ENGINE TIMING - All OKAY. and Run up & Adjusted IDLE MIXTURE. - All OKAY. Per. ISC #385515.		
7/10/99	2105.9			Bryan R. L.	AIR SERVICE CORPORATION FAA Approved Repair Station Certificate No. RG3R874L Honolulu International Airport Honolulu, Hawaii 96819	
				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. _____

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ENGINE LOG

Serial No.

		Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Date		Hrs	Min			
9/15/00				C/W AD2000-18-53 OK FILTER ADAPTER GASKET R&R.		
HOKULU.		2177.6		NEXT ONE AT 2227.6. REMOVED TURBO MOUNT STRUT PER HOLD REPAIR & REINSTALLED. END RUN UP / GOOD. NO LEAKS. PER. ABC # 585606.		
				<i>Ryan K.</i>	AIR SERVICE CORPORATION FAA Approved Repair Station Certificate No. RG3R814L Honolulu International Airport Honolulu, Hawaii 96819	
				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.

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/5/80			DRIVED HIL, CHANGED OIL & FILTER WOT OIL FILTER INSPECTION		
HOURS 2202.8			OIL SUMP SUCROM FOUND OK. SERVICED ENGINE W/ 8 OILS		
SMALL 402.8			BENOSTHILL 100NT. CLEANED, GAPPED & TESTED SPARK PLUGS		
ETT: 5721.5			PERFORMED CYLS COMPRESSION CHECKED 74/80 73/80 79/80 73/80		
			QW AD 93-02-05 FUEL INJECTION UNIT INSPECTION FOUND		
			OK. QW 311492B PISTON PLUG WITH INSPECTION		
			DNE NEXT AT OIL CHANGE QW AD 7010-18-53		
FILE 1/1/81			IAW LY COMING SPB 543A SUPPLEMENT I PART II STEPS		
AIR SERVICE CORPORATION			1-3 REFORMED GASKET W/ PN 06B23072 AD NO LONGER		
FAA Approved Repair Station			APPLICABLE THERE FROM AND NO WORKS OK.		
Certificate No. RG3R8141					
Honolulu International Airport					
Honolulu, Hawaii 96819					
			Page Total		
			Brought Forward		
			Total to Date		

REF ASC NO. 385646
 All Repair Data Must Bear the Endorsement of a
 Certificated Mechanic, and his Rating and
 Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

[illegible]

Serial No.

[illegible]

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/18/01			REMOVED + REPLACED RH ENGINE		
HOBBS:	2254.9		POWER PUMP 2/12/01 IDENTIFIED		
			P/N RG17980K, S/N ON: B-1682		
			D/N OFF: RG17980K S/N OFF C-4748		
			CHECKED 42: REF PSC 2/01		
			401031	Pete Johnson RG3814L	
* NOTE AD 98-18-12 Power Pump TORQUE ✓ Done					
PER PARA (a)(1) BY 7/18/01 OR WITHIN HOBBS:					
2259.9 TO 2264.9					
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					

Consolidated Fuel Systems, Inc.

1400 East South Blvd.

Montgomery, AL 36116

(334) 286-8551 • (334) 286-8018 Fax

Certified Repair Station #FUXR511K

WARRANTY DATA CARD

The following information must
be supplied when requesting
warranty consideration:

RG17980K

M145190

P/N

B-1682

S/N

W/O

6/18/016/18/01

DATE INSTALLED

DATE REMOVED

2254.92254.9HOURS TIMEHOURS TIME

OWNERS NAME

CIVIL AIR PATROL

ADDRESS

90 N. H. O. PLANEBarotula Hi 86819

PHONE

836-0116 EXT 107

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/29/01			C/W AD98-18-12 Fuel Pump INITIAL TORQUE CHECK		
HOBBS	2265.1		PER PARA (A)(1). ALL OKAY - NO MOVEMENT OF SCREWS.		
			PARA (A)(2) NEXT DUE AT: 12/29/01 OR HOBBS: 2315.1 - WHICHEVER OCCURS 1ST. REF. ASC #6: 401031		
			<i>Pete Labrador</i>		
				AIR SERVICE CORPORATION FAA Approved Repair Station Certificate No. RG3R814L Honolulu International Airport Honolulu, Hawaii 96819	
4/16/02			DRAINED oil & changed oil filter. SERVICED ENGINE w/ 8 qts AEROSOL		
TACH.	2292.7		100W. CLEANED, GRIPPED & TESTED PLUGS. C/W SI 1492C OIL FILTER & SCREEN		
			imp. All ok. REF. AEP SERVICE INC #6: 1117. WORK DONE BY PETE		
			SALVADOR - Byron K. AEP 576741613		
			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			
08-08-2003			AD 98-18-12 ROTARY FUEL PUMP LEAKS C/W		
			AD 02-12-07 OIL FILTER CONVERTER PLATE GUNSHOT		
FACT 2292.7			PREVIOUSLY C/W PER MSB 543A		
SMOH 442.7			AD 02-26-01 EXTERNAL FUEL INSULATOR LINES C/W		
ETI 581.3			By VISUAL INSPECTION		
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED		
			IAW AN ANNUAL INSPECTION & WAS DETERMINED		
			TO BE IN AIRWORTHY CONDITION.		
			Gonick (Signature) 1A 575606268		
			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. _____

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/1/03			DRAINED OIL & REFILL OIL		
2349.1			164500 A4P 140500		
6-7-04			I CERTIFY THAT THIS ENGINE HAS BEEN		
			INSPECTED IN ACCORDANCE WITH A LOGBOOK		
2349.3			INSPECTION AND WAS DETERMINED TO BE IN		
590.3			UNWORTHY CONDITION DATED 6-7-04 5:00 P.M.		
5910.0			DATE 6-7-04 5:00 P.M.		
			DALL METHOD		
			A & P 32800172 19		
6/27/04			All maint. discrepancies corrected (See		
			maint Log Sheet) & AC released for flight		
			164500 A4P 140500		
			Page Total		
			Brought Forward		
			Total to Date		

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Certificate Number Must be Shown.

DATE

Service Bulletins, Letters,
Instructions & A D Notes

11/02/04 ^{24.223} Four month Oil Change (due Oct 1908) Oil filter
 drain & service oil system w/ 8 QTS oil. Approved for Fld
 release 190815

3/29/04

Four month Oil Change completed. Drained &
 service system with 8 QTS oil & oil filter
 leak checked. & 4k. released for Fld.
 release 1908015

I certify that this ENGINE has been inspected in accordance
 with a ANNA inspection and was determined to be in airworthy
 condition.

5/06/05.

HOBBS

Tech Time

2489.9

Total Airframe Time

6008.6

Total RF Time

6008

Time Since Major O/H

684.9

[Signature]
 AP/IA 140803209

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N800AT
WORK ORDER:
2189-04-2005

Airframe & Powerplant Service, Inc.

134 Nakolo Place
Honolulu, Hawaii 96819
Phone: (808) 834-7767

DATE: 5/6/2005
A/C TSN: 6008.6
ENG TT (R): 6008.6
TSMOH (R): 689.9
HOBBS: 2489.9

Right Engine Entries

(9) Complied with SB 1492 piston pin plug wear on left engine by inspection of filter screen. No defects noted. Work performed by Mark Hervey.... (16)
Complied with A.D. 88-13-08 Engine Mount inspection of both engines. No defects noted. Next due 2589.9. Work performed by Mark Hervey.... (20)
Complied with A.D. 2003-14-03 Romet rotary fuel pump on right engine by torque check of relief valve screws IAW SB529B (23 in/lbs) and inspected. No defects noted. Work performed by Mark Hervey.... (52) RIGHT ENGINE C/W Lycoming S.I. 1492C "Oil filter and screen inspection". No defects noted, installed new oil filter p/n CH48103 and new suction screen crush gasket p/n MS35769-21. Work performed by Mark Hervey.... (54) RIGHT ENGINE Drained oil and serviced with 8qts Aeroshell Engine Oil SAE-50-W100. Work performed by Mark Hervey.... (56) RIGHT ENGINE cleaned, inspected, gapped, tested all 8 spark plugs and reinstalled, with anti sieze compound, new copper gaskets p/n M-674 and torque to 420 ins lbs. run up checks good. Work performed by Mark Hervey.

DATE: 5/6/2005

SIGNED:

Work Order: 2189-04-2005

Printed by: EBis 3 (datamedia.com)

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N800AT
WORK ORDER:
2204-05-2005

Airframe & Powerplant Service, Inc.

134 Nakolo Place
Honolulu, Hawaii 96819
Phone: (808) 834-7767

DATE: 5/6/2005
A/C TSN: 6008.6
ENG TT (R): 6008.6
TSMOH (R): 689.9
HOBBS: 2489.9

Right Engine Entries

(2) Removed right magneto p/n 10-682555-13 s/n BD289910G. Installed left magneto p/n 10-682555-13 s/n L05913GR. Timed to engine and secured. Run up check good. Work performed by Mark Hervey

DATE: 5/6/2005

SIGNED:

Work Order: 2204-05-2005

Printed by EBis 3 (datamedia.com)

Darrell Dycus, A&P: 2711627

N747Y RIGHT BOOK 2



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer LYCOMING Model TO-360-C1A6D

Serial L-197-64A Type Certificate _____

This engine is currently installed in aircraft N800AT RIGHT

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

4-27-99 INSTALLED H.M. 1800. TSO 0-0
TET, 5318.7

BOOK 2. ENGINE INSTALLED 4-27-99 H.M. 1800. TAT 5318.7
TSO 0.0 ETT 5318.7.

YEAR: DATE	RECORDING TACH TIME H. M.	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.)
1940				RRR oil filler & running oil suck w/ 8025 oil - check OK so.
				W/LA AP 1905015
1-31-06	2550.6	TAT	6069.3	OIL/FILTER CHANGE. FILTER: SCUMPS
ETSD	750.6			SCREEN INSPECTION, NO METAL PARTICLES.
				SERVICED WITH AERO SHEAL W-100 AD OIL BOT.
				AD 05-26-70 1-31-06 DNA NO ECY CLYINDERS
				INSTALLED
				Paul D. Daphne
				AP 350347295

[illegible]

YEAR:

DATE

08/282006 N800AT, P68C-TC TIS HOUR METER 2566.4TAT6085.1

Right engine Lycoming IO360 C1D6 s/n L-197-64A TET 766.4 TET 6085.1

Complied with A.D. 02-26-01 Fuel injection lines, by inspection for chaffing and wear at clamps. No defects found. Next due 2666.4. Changed oil and filter CH48110 and serviced with AS w100. Cut and inspected filter, No particles found.

David J. ARP 2711627

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Karl V. Dauphin
KARL V. DAUPHIN

IA 350347295

Repair

YEAR: 2006	RECORDING TACH TIME H.M.	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.)
10-26-06	2584.6	TAT 6103.3	784.6	INSTALLED OVERHAULED ROME L ENGINE DRIVEN FUEL PUMP P/NRG17980K S/N C-3840. OH. BY QUALITY
AIRCRAFT ACCESSORIES W.D. 36285	611-6	-	-	REINSTALLED FUEL INJECTOR SERVO AFTER REPAIR OVERHAUL BY BLS W.O. #06-07089 W.O. DATE 10-14-06, P/N 70124605 S/N 70124605. WORK PER LFC DIRECT DRIVE SERVICE MANUAL & STANDARD PRACTICES ENGINE GROUND RUN & LEAK CHECK COMPLETED W.P. B. DANRELL DYCUS APP.
				Karl D. Danph AP 35034 7245

YEA

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103

5/19/09 N800AT TIS HM 2618.5 TAT 6137.2 RIGHT ENGINE TSO 818.5 TET 6137.2

OIL/FILTER CHANGE, FILTER INSPECTION NO METAL NOTED. FILTER REPLACED WITH CH48110-1. SERVICED WITH 8 QT AERO SHELL W 100 OIL. REPLACED PLUGS WITH NEW RHB37E. INSPECTED FUEL NOZZLES AND REPLACED O RINGS .WORK PER LYCOMING INSTRUCTIONS. AD08-14-07 8/14/08 FUEL INJECTOR LINES/CLAMPS, CW PER SB 242E, COMPLIED WITH AD 09-02-03 2/09/09 PER PRECISION AEROMOTIVE SB107 REV 4, NEW GASKET ON SERVO PLUG AND PLUG MARKED WITH G. REPLACED OEM STARTER WITH NEW SKY TEC -149 NL SER NO FN-040926, FAA/PMA. WORK PER SKY TEC INSTRUCTIONS. WT & BAL AND EQUIPMENT LIST REVISED. WORK PERFORM BY PETE SALVADOR A&P

Karl V. Dauphin

KARL V. DAUPHIN A&P 350347295

5/19/09 N800AT TIS HM 2618.5 TAT 6137.2 RIGHT ENGINE TSO 818.5 TET 6137.2

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Karl V. Dauphin
KARL V. DAUPHIN IA 350347295

YEAR:

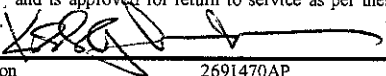
DATE

6/05/09 HM 2622.0 RIGHT ENGINE TSO 822.0

REPLACED SKY-TEC 149NL STARTER WITH NEW SKY-TEC 149NL ec STARTER S/N FNE-190980 ENGINE START NORMAL. WORK PER SKY-TEC INSTRUCTIONS.

Karl V. Dauphin
KARL V. DAUPHIN

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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.)
				<div style="border: 1px solid black; padding: 5px; text-align: center;">PFT ENTERPRISES INC.</div> <p> Date: 10/12/2009 Aircraft #: N800AT TIS HM: 2622.0 TAT: 6137.2 TET: 6137.2 LEFT ENGINE TSO: 818.5 RIGHT ENGINE TSO: 822.0 </p> <p>Remove right engine electrical boost pump and send in for overhaul reference work order # A56,705 through Aerospares Accessories. Remove right engine spark plugs clean, tested and re-installed. Replace two spark plugs with new RHB37E. Adjusted Mixture control on fuel servo housing. Lubricate end shafts of waste gate valve, was stuck in the open position. Inlet orifice in actuator was plugged. Variable pressure controller out of adjustment, adjusted in accordance with Manufactures Maintenance Instructions Manual. Re-installed on aircraft, operational check good. I certify this aircraft was repaired and inspected IAW Federal Aviation Regulations Part 43.9 and /or 91.409(f)(3) , and is approved for return to service as per these requirements for the above work performed.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>  Kelly Anderson </div> <div>2691470AP</div> <div>Date: 10/12/2009</div> </div>


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.)
				PFT ENTERPRISES INC.
				Date: 11/18/2009 Aircraft #: N800AT TIS HM: 2622.0 TAT: 6137.2 TET: 6137.2 LEFT ENGINE TSO: 818.5 RIGHT ENGINE TSO: 822.0
				Removed right engine exhaust stack going to turbo. Exhaust was repaired and welded in multiple spots. Re-installed on aircraft, test ran no leaks noted, operational check good. Re-service nose strut with nitrogen. I certify this aircraft was repaired and inspected IAW Federal Aviation Regulations Part 43.9 and /or 91.409(f)(3) and is approved for return to service as per these requirements for the above work performed.
				Kelly Anderson 2691470AP Date: 11/18/2009

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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HORTON AVIATION SERVICES LLC
FAA CRS YHSR-284L
2732 PERIMETER ROAD, SUITE 101
N. LAS VEGAS NV 89032

N#N800AT MFG.PARTENAVIA MODEL P68TC S/N 300-22/TG W.O. 09-299 DATE 01/07/2010 TACH. 2648.2
RIGHT ENGINE: L-197-64A

Removed cowlings and pressured cleaned right engine. Removed, cleaned, and gapped spark plugs. Inspected turbo charger for proper ops. Removed throttle body and sent out for repair, reference attached form 8130, Reinstalled throttle body and adjusted idle speed and mixture. Test run and leak check of engine normal.

The aircraft and/or component above were repaired and inspected in accordance with Federal Aviation Regulations and are approved for return to service. Pertinent details are on file at this agency under above work order number. APPROVED FOR RETURN TO SERVICE


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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**HORTON AVIATION SERVICES LLC
FAA CRS YHSR-284L
2732 PERIMETER ROAD, SUITE 101
N. LAS VEGAS NV 89032**

N#N800AT MFG.PARTENAVIA MODEL P68C-TC S/N 300-22/TG W.O. 10-019 DATE: 01/29/2010 TACH. 2652

RIGHT ENGINE: L-197-64A

**REMOVED RIGHT TURBO AND REINSTALLED OVERHAULED TURBO P/N 46A21184 S/N TS1098017,
SEE FAA FORM 8130 DATED JANUARY 22, 2010.**

The aircraft and/or component above were repaired and inspected in accordance with Federal Aviation Regulations and are approved for return to service. Pertinent details are on file at this agency under above work order number. APPROVED FOR RETURN TO SERVICE 

(36)

YEAR:

REC
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DATE _____

Nevitt Aircraft Inc

4309 Emma Browning Av. Austin, Texas 78719

Right Engine Entry

Date: 3/13/2015

N459ZK

W.O. 4052

Maintenance Performed:

1. Ground ran engine
2. Changed oil & filter
3. Comp Cks #1 70 #2 74 #3 72 #4 77 over 80 psi
4. Performed visual inspection of entire engine
5. Serviced with 8 Qts A/S W100 & new filter P/N AA48103-2
6. Cleaned gapped & rotated plugs
7. Cleaned fuel nozzles
8. Ground ran engine Ops Ck good no leaks noted

I certify this engine & prop are safe to fly for a one time flight
(see special flight permit)

David McCoy AP 3615278

or Repair

Hobbs: 2675.3

~~Interim Test, Repair and Alterations~~
N459ZK 06-01-2016 Right Engine Lycoming L-197-64A Hobbs :2,676.8

Change oil, (Aeroshell 100 Plus), and oil filter. Replaced all hydraulic units,
And all push rod sockets. Replaced 2 thrust buttons. Replaced all rocker box
Cover gaskets. Replaced all rocker valve rocker gaskets. Replaced all shroud
Tube seals. Replaced one push rod shroud. Replace all push rods, and adjusted
All valves between .028 and .080. Replaced several exhaust studs, and nuts.
Replaced serval sparkplugs with tempest spark plugs. Replaced all exhaust and intake gaskets. Replaced waste
gate LW14944, and bypass elbow LW13986,
Repaired by Dawley Aviation, work order 113933. Replaced 2 turbo gaskets.
Ground ran engine, and all systems normal.

Lawrence H. Castor A&P 465980111

Lawrence H. Castor

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.)		
		N747Y	Right Engine	01-24-2017	Lycoming L-197-64A	Hobbs: 2,678.9
		Engine Total Time Since Overhaul: 878.9				
		Compression, Number-1- 79/80, Number-2- 74/80, Number -3- 78/80, Number-4- 75/80.				
		Replaced engine air filter.				
		Complied with AD 2015-19-07 fuel injector lines, according to AD.				
		Complied with AD 2003-14-03, fuel pump torque, according to AD.				
		I certify that this engine has been inspected in accordance with an annual inspection,				
		And was determined to be in airworthy condition,				
		Lawrence H. Castor IA465980111 <u>Lawrence H. Castor</u>				

N747Y Right Engine 01-06-18 Lycoming L-197-64A Hobbs: 2,684.3

Engine Total Time Since Overhaul: 884.3

Compression, 78/75/76/75

Replaced 17 hoses on right engine, Changed oil (AeroShell, 100 Plus), and filter.

Complied with AD 2003-14-03 , by checking fuel pump torque, according to AD.

I certify that this engine has been inspected in accordance with an annual

Inspection and was determined to be in airworthy condition

Lawrence H. Castor IA

Lawrence H. Castor

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Re</small>
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N747Y Right Engine 01-20-19 Lycoming L-197-64A Hobbs, 2,690.4
Engine Total Time Since Major Overhaul: 890.4

Compression: 77/75/76/74.

Changed oil (Aeroshell W100 Plus), and filter. Complied with AD 2003-14-03
Fuel pump torque, according to AD. Replaced 4 rocker box gaskets. Replaced
Oil screen gasket. I certify that this engine has been inspected in accordance
With an annual inspection and was determined to be in airworthy condition.

Lawrence H. Castor IA465980111

Lawrence H. Castor