

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**LEFT ENGINE
MAINTENANCE
RECORDS**

AIRCRAFT FUEL SPECIALISTS
10701 N. W. 122nd
YUKON, OKLAHOMA 73099
SERVICEABLE PART TAG

P. O. NO. _____ SER. NO. B1436T
MODEL _____ PART NO. F-6-3A
PART NAME Prop Governor
REMARKS Disassembled & cleaned
& Tested MECH. [Signature]
DATE 5-3-96 INSPEC. [Signature]

JANUARY 24, 1996

TTAF 3736.1 / 558.8 HOBBS

REMOVED

2378.4 TT ENG.
AND REPLACED LEFT ENGINE FOR OVERHAUL WITH ASSISTANCE OF PIPER
TWIN COMANCHE SERVICE AND PARTS MANUALS. PERFORMED ENGINE
OVERHAUL WITH ASSISTANCE OF LYCOMING DIRECT DRIVE ENGINE
SERVICE AND PARTS MANUALS. REPLACED CRANKSHAFT WITH LYCOMING
NEW. REPLACED CRANKSHAFT GEAR, BOLT AND LOCKWASHER WITH NEW..
REPLACED PISTONS—SL75089, PISTON PIN—SL14077, AND TAPPET BODIES
AND TAPPETS WITH NEW. INSTALLED NEW RINGS—(CHROMIC CYLINDERS /
STEEL RINGS)—SL5401SC. ASSEMBLED ENGINE WITH LYCOMING ENGINE
GASKET KIT. STEEL PARTS MAGNAFLUXED AND CERTIFIED BY RICK
ROMANS, INC. OF TULSA, OK. ENGINE CASES X-RAYED, WELDED, AND
RESIZED BY DIVCO, INC. OF TULSA, OK. CYLINDERS REWORKED BY D & B
ENGINES OF BETHANY, OK. INSTALLED 8 QUARTS OF AEROSHELL SAE 80
NON-DETERGENT OIL AND NEW CHAMPION CH-48110 OIL FILTER.
REPLACED ALL (8) ENGINE LORD MOUNTS WITH NEW. PRESSURE TESTED
EXHAUST SYSTEM FOR LEAKS—NONE NOTED. REPLACED FUEL MANIFOLD
DRAINS AND HOSES. REPLACED OIL COOLER LINES. REPLACED FUEL LINES
FIREWALL FORWARD. COMPLIED WITH AD 93-02-05 AS PER SB 342A BY
REPLACING FUEL INJECTOR STEEL FUEL LINES. REPLACED FUEL DIVIDER
TO HEATER FUEL LINE ON RIGHT ENGINE. PROPELLER GOVERNORS
REPAIRED BY AIRCRAFT FUEL SPECIALISTS AT SUNDANCE AIRPORT - (HSD).
FUEL INJECTOR FLOW CHECKED AND CERTIFIED BY SAME. REPAINTED
ENGINE BAFFLEING AND REPLACED BAFFLEING TAPE WITH NEW SILICONE
BAFFLEING MATERIAL. FLUSHED OIL COOLERS. INSTALLED RECERTIFIED
PROPELLER WITH NEW Q-TIP BLADES. TEST-RAN ENGINE; WITHIN
SPECIFICATIONS. *Ad*

IVAN E. TRONCOSO *Tr. E. Troncoso*

A&P 513642810, I.A.

Complied with AD 96-09-10 per SB 455D - *Tr. E. Troncoso*

MARCH 22, 1996

TTAF: 3758.5 / 581.2 HOBBS

CHANGED

OIL

WITH AEROSHELL OIL W 80 NON-DETERGENT. REPLACED FILTER WITH CH-
48110 CHAMPION. CHECKED ENGINE COMPARTMENT FOR NOTICEABLE
DISCREPANCIES—NONE NOTED. CHECKED TORQUES ON: INTAKE &
EXHAUST MANIFOLD TUBES, ROCKER COVERS, REAR ENGINE
ACCESSORIES, ENGINE CONTROLS, AND ENGINE MOUNTS.

IVAN E. TRONCOSO *Tr. E. Troncoso*

A & P 513642810

AUGUST 11, 1996

TTAF: 3778.9 / 601.6 HOBBS

CHANGED

OIL

AND REPLACED FILTER WITH AEROSHELL OIL W 80 NON-DETERGENT OIL
AND CHAMPION CH-48110 FILTER. CHECKED FOR FUEL OR OIL LEAKS—
NONE NOTED.

IVAN E. TRONCOSO *Tr. E. Troncoso*

A & P 513642810

DECEMBER 18, 1996

TT Eng: 2440.1
TTAF: 3797.8 / 620.5 HOBBS

WASHED

LEFT & RIGHT ENGINES. PERFORMED ANNUAL INSPECTION. CHANGED OIL AND FILTERS USING AEROSHELL 80, NON-DETERGENT OIL. INSPECTED FILTER FOR METAL—NONE NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

IVAN E. TRONCOSO

Ivan E. Troncoso
A&P 513642810, IA

02-19-97 LEFT ENGINE N7887Y. TACH TIME: 619.7. Checked valve clearance & corrected as necessary by installing proper length push rods. Installed proper push rod tube keepers. Corrected position of rocker arms as necessary. Safetied oil drain plug. Secured loose EGT probe connection. Secured fuel distributor valve attach screw.

Signed

Robert W. Lind

Robert W. Lind IA 543669529. (WEBCO AIRCRAFT CO.)

N7887Y 4-10-98 HOBBS 671.1 LH ENG. TT 2490.7 TSO 112.3

PERFORMED ANNUAL INSPECTION THIS DATE: CHECK TIMING, CLEANED AND GAPPED SPARK PLUGS, CLEAN INJ. SCREEN, INSPECT AIR FILTER, TIGHTEN ALL VALVE COVER SCREWS, COMPRESSION CHECK AS FOLLOWS #1 75/80 #2 78/80 #3 61/80 #4 64/80. WASH ENGINE. RUN ENGINE/SYSTEM PERFORMANCE CHECK. SEE A.D. COMPLIANCE REPORT FOR RECURRENCE AND OR ACTION THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MANUEL S. WEBER

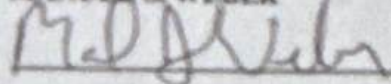
Manuel S. Weber

AP5156612511A

N787Y 4-10-98 HOBBS 67L1 RH PROP TT 2 TSO 1

CHECK ACCUMULATOR PRESSURE AND ADD NITROGEN USING PRESSURE/TEMPERATURE CHART. CHECK FEATHERING SYSTEM. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MANUEL S. WEBER



AP5156612511A

5/27/99

[TTAF= 3895.5 / 0717.7 HOBBS] ^{TTAF} 2537.3 [158.9 SMOH]

PERFORMED ANNUAL INSPECTION. TEST RAN ENGINE. MAXIMUM STATIC RPM AT 2700. MAGNETO DROPS: R = 110, L = 110. CLEANED SPARK PLUGS AND TESTED. PERFORMED CYLINDER COMPRESSION TEST: #1 = 73/80, #2 = 74/80, #3 = 75/80, #4 = 76/80. CLEANED SNIFFLE VALVES. CHANGED OIL AND FILTER USING AEROSHELL 15W50 MULTIGRADE OIL. INSPECTED FILTER FOR METAL, NONE NOTED. ADJUSTED ENGINE OIL PRESSURE. ADJUSTED ENGINE IDLE RPM TO 725. REPLACED ROCKER COVER GASKETS ON CYLINDERS #2 AND #4. REPLACED AIR FILTER ELEMENT P/N BA-10. REPLACED AIR FILTER BOX COVER WITH NEW. ADJUSTED & LUBRICATED THROTTLE CONTROL CABLE AND MIXTURE CONTROL CABLE. LUBRICATED PROP GOVERNOR CONTROL CABLE. REPLACED ENGINE DRIVEN VACUUM PUMP WITH RAPCO REBUILT 211CC, S/N # 82561. TIGHTENED LOOSE ALTERNATOR RADIO NOISE SUPPRESSION FILTER. SEALED UPPER CRANKCASE HALVES AT FORWARD SECTION TO PREVENT OIL LEAK. TIGHTENED OIL PAN AND CASE HALVES HARDWARE TO PROPER TORQUE. TEST-RAN ENGINE AND CHECKED FOR LEAKS; NONE NOTED. COMPLIED WITH S/B 518C, THERMOSTATIC RELIEF VALVE INSPECTION AS PER SB TEXT. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.-----
IVAN E. TRONCOSO

A&P 513642810, 1A



WILEY POST AVIATION

7100 NW 63rd Street

Bethany, OK 73008

Telephone: (405) 401-6327

September 12, 2000

TT ENG: 2603.6 hrs.

TSOH: 218.8 hrs.

LEFT ENGINE

N 7887Y

Textron Lycoming

Model: IO-320-B1A

Serial: L-2075-55A

Complied with Annual and 50, 100, 200, and 400 Hour Inspections.
Removed #3 cylinder for further inspection/evaluation.
Removed #4 Cylinder and piston assembly for access to #3 Cylinder connecting rod.
Removed #3 Cylinder connecting rod P/N 78030. (Wt. = 1 lb. 13.1 oz.)
Cleaned & Inspected all items removed.
Visually inspected internal engine within the #3 & #4 cylinder crankcase section. (limited inspection)
Leak checked & Honed #3 and #4 Cylinder assemblies.
Installed overhauled connecting rod P/N: 78030 on #3 cylinder position. (Wt. = 1 lb. 13.1 oz.)
Installed New Lycoming Piston P/N: 75089 on #3 cylinder position.
Installed New Lycoming Piston Pin P/N: LW-14078 on #3 cylinder position.
Installed New Lycoming Piston Pin Plugs P/N: 60828 on #3 cylinder position.
Installed New Classic Cast Iron ring set for Lycoming 5.125" Chromic Bores P/N: CC203 on #3 cylinder position.
Honed #3 and #4 Cylinder assemblies. and measured; within specs.
Assembled remaining #3 and #4 cylinder components using new seals and gaskets.
All item dimensionally checked and torqued to specs during installation.

(1)



WILEY POST AVIATION

7100 NW 63rd Street

Bethany, OK 73008

Telephone: (405) 401-6327

Removed, cleaned, inspected, and flow checked all (4) fuel injector nozzle. Reinstalled & torqued to 60" lbs.
Removed, cleaned, gapped and tested all (8) Spark Plugs. Reinstalled & torqued to 32' lbs.
Removed Alternator for Dynamic balance and repair.
Reinstalled Alternator after repair. OPS checked good.
Replaced Oil and Filter with AeroShell 100 (SAE 50W) oil and CH-48110 Filter. Inspected removed filter; No metal noted.
Test ran engine in accordance with Cylinder Replacement run-up procedures.

This engine/component was inspected/maintained in accordance with the manufacturers maintenance manual, is found to be airworthy and is approved for return to service with respect to the work performed.

*****END*****

(2)

[Signature] AIP 513612810 IA

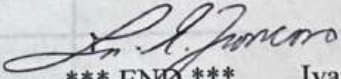
ENGINE ☐
MODULE ☐
SERIAL NUM

L-2075-55A

SERVICE RECORD

PAGE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
 WILEY POST AVIATION 7100 NW 63rd Street Bethany, OK 73008 Telephone: (405) 401-6327 October 26, 2001 TT ENG: 2718.4 hrs. TSOH: 333.6 hrs. LEFT ENGINE N 7887Y Textron Lycoming Model: IO-320-B1A Serial: L-2075-55A Complied with Annual, 50 and 100 Hour Inspections. Removed, cleaned, inspected, and flow checked all (4) fuel injector nozzle. Reinstalled & torqued to 60" lbs. Removed, cleaned, gapped and tested all (8) Spark Plugs. Reinstalled & torqued to 32' lbs. Replaced Oil and Filter with AeroShell 15W50 oil and CH-48110 Filter. Inspected removed filter; No metal noted. This maintenance and inspection were performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. I certify that this engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in Airworthy condition.  10/26/01 *** END *** Ivan E. Troncoso A&P 513642810 IA							
							TOTALS TO DATE

ENGINE ☐
MODULE ☐
SERIAL NUMBER

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DATE



WILEY POST AVIATION

7100 NW 63rd Street

Bethany, OK 73008

Telephone: (405) 401-6327

957.3

November 13, 2002

TT ENG: 2777.3 hrs.

TSOH: 392.5 hrs.

LEFT ENGINE

N 7887Y

Textron Lycoming

Model: IO-320-B1A

Serial: L-2075-55A

Complied with Annual, 50, 100, and 200 Hour Inspections.

Removed, cleaned, inspected, and flow checked all (4) fuel injector nozzle. Reinstalled & torqued to 60" lbs.

Removed, cleaned, gapped and tested all (8) Spark Plugs. Reinstalled & torqued to 32' lbs.

Replaced Oil and Filter with AeroShell 15W50 oil and CH-48110 Filter. Inspected removed filter; No metal noted.

Replaced Left Engine nacelle lower nose bowl hinge pin P/N: 24055-04.

This maintenance and inspection were performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed.

I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition.

*** END ***

Ivan E. Troncoso 11-13-02
Ivan E. Troncoso A&P 513642810 IA

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

ENGINE ☐MODULE ☐

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DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
07-27-2005	Hobbs:	1106.7	TSMOH:	547.9	Engine Inspected at this time for 100hr inspection. Compression tested: #4 75/80 #2 75/80 #1 73/80 #3 80/80. Removed and cleaned ALL SPARK PLUGS, Removed Fuel Injectors and ultrasonic cleaned. Drained engine oil, Removed Filter, Inspected element, Found normal. Removed and Replaced Fuel servo, PN RSA-5AD1 AFTER OVERHAUL by D+G supply CRS 27228, NO#14873. Serviced engine with 60TS 15/50 oil, Installed new 48110 Filter, lock wired. Inspected exhaust and induction, All wiring and Control Cables. Rerouted Fuel Line from servo to Dist Block to prevent chaffing. Performed Runup, Readjusted Idle mixture towards lean, Engine to Rich at Idle, Ensured mag drops within limits, engine Reaches Full RPM, NO oil or Fuel leaks NOTED. I certify that I am 100 hr Requirements, This engine has been Inspected and was determined to be in an Airworthy Condition and is APPROVED FOR RETURN TO Service on this date.		
					David Miquia #3036660 AD Dail May		

02-18-05 LEFT ENGINE N7887Y. TACH TIME: 1083.9. Cleaned & gapped plugs. Secured throttle jamb nut. Replaced throttle/prop gov cable bracket with serviceable. Removed bolts used on idle adjustment mechanism and installed proper idle adjustment screw assy. Secured air duct to alt airbox. Ran aircraft and adjusted idle.

Signed

Robert A. Weber

AP2001550. (WEBCO AIRCRAFT CO.)

TOTALS TO DATE

PX-3107-51

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE BENDIX RSA 5 FUEL SERVO		PART NUMBER 2524145-11			
SERIAL NUMBER 10488/31		SERIES NUMBER			
CHANGE/MOD RECORD					
ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS AT INSTALLATION	ENGINE HOURS AT REMOVAL	TOTAL HOURS ON PART	DATE — STATION REASON FOR REMOVAL
L-2075-55A	30-973				

1. Approving National Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Invoice # 5016	
4. Organization Name and Address: D & G Supply 1505 N. Front Street Niles, MI 49120		#NK2R034L Telephone: 800-446-8160		5. Work Order/Contract/Invoice Number: 14873		Work Order #	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Servo	2524145-11		1	10488/31	Newly Overhauled	
13. Remarks: Work Order #14873 prescribing the actual work performed is attached. The prescribed work was performed in accordance with FAA approved data.							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>Russell Romey</i>		21. Approval/Certificate No.: 2524013	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Russell Romey		23. Date (m/d/y): 7/14/2005	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

ENGINE ☐
MODULE ☐
SERIAL NUMBER

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			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
<u>Ivan E. Troncoso – Aviation Services</u> 100 Airport Road, Hangar 3, Row 3 Clinton, Oklahoma 73601 (405) 833-5181 August 10, 2006 T.T. Airframe: 4088.0 hrs. Hobbs: 1143.7 hrs. LYCOMING Serial Number: L-2075-55A LEFT ENGINE IO-320 B1A T.T. ENG.: 4098.0 S.M.O.H.: 0550.8 Removed Left Engine Exhaust manifold for #1 & #2 Cylinders. Sent #1 Cylinder exhaust to Associated Aero Services, Inc. – CRS Number: SSWR186K, W.O. 17808, for Reattachment/Weld of Flange. Installed Left Engine Exhaust manifold for #1 & #2 Cylinders using new gaskets & hardware. OPS checked good. Adjusted Left Engine Fuel Servo for Idle and Mixture settings. (Enriched 10 Clicks & set for 750 R.P.M.) <i>Av. E. Troncoso A&P/I.A. 3195328</i> (1)							
TOTALS TO DATE							

ENGINE ☐MODULE ☐

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01-02-07 LEFT ENGINE N7887Y HOBBS:1159.8 TSMOH:601.0. COMPRESSION:(COLD) 1)60/80 2)50/80 3)73/80 4)76/80. Ran engine & retested cylinder #2, 76/80. Changed oil (15w50 AeroShell). Changed oil filter. Cleaned oil screen. Checked mag points and timing. Cleaned and gapped plugs. Cleaned injector screen. Cleaned injector nozzles. Lubed starter bendix. Dressed prop & serviced. Cleaned air filter. Repaired air filter box. Corrected installation of #244 inercylinder baffle. Replaced servo to distributor valve hose. Replaced seal in vac pump drive. Replaced outboard exhaust hangar & reposition. Secured rocker cover screws. Repair oil cooler mount bracket. Secured alternate air cable w/standoff. Replaced crankshaft seal. Repaired mag p-lead assy. Replaced broken alternator forward mount bracket w/serviceable. I certify that this engine has been inspected in accordance with a hundred hour inspection & was determined to be in an airworthy condition. AD's in AD section.

Signed Robert A. Weber Robert A. Weber AP 2001550. (WEBCO AIRCRAFT CO)

01-02-07 LEFT ENGINE N7887Y. HOBBS:1159.8 TSMOH:601.0. I certify that this engine

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

1-3107-51 BACK

ENGINE ☐MODULE ☐

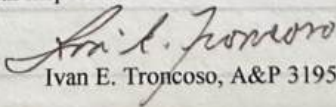
SERIAL NUMBER

L-2075-55A**SERVICE RECORD**

PAGE _____

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DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
TOTALS BROUGHT FORWARD							
<i>IVAN E. TRONCOSO – AVIATION SERVICES</i> <i>100 Airport Road, Hangar 3, Row 3</i> <i>Clinton, Oklahoma 73601</i> <i>(405) 833-5181</i>							
January 13, 2008 T.T. Airframe: 4153.9 hrs. Hobbs: 1209.6 hrs. LYCOMING IO-320-B1A Serial Number: L-2075-55A LEFT ENGINE PA-30 B T.T. Eng.: 3094.5 hrs. TSOH.: 0650.8 hrs. Performed Annual Inspection. Performed 25, 50, 100 and 200 hour inspections. Test ran engine and performed compression check: #1 = 76/80, #2 = 76/80, #3 = 76/80, #4 = 78/80. Checked Good. Changed oil with Aeroshell 15W50 Multi-Grade oil and filter with Champion CH-48110. Cleaned oil screen. Cleaned, gapped and rotated Champion REM-40E spark plugs. Cleaned Fuel Injector screens and fuel nozzles. Inspected all fuel lines and hoses. Checked Good. Cleaned engine and test ran for 1 hour. No oil leaks noted. Engine checked good. I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition this date.  Ivan E. Troncoso, A&P 3195328 I.A.							
TOTALS TO DATE							

(1)

ENGINE ☐MODULE ☐

SERIAL NUMBER

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DATE

*IVAN E. TRONCOSO – AVIATION SERVICES**100 Airport Road, Hangar 3, Row 3**Clinton, Oklahoma 73601**(405) 833-5181*

January 13, 2009

T.T. Airframe: 4161.9 hrs.

Hobbs: 1217.6 hrs.

LYCOMING 10-320-B1A

Serial Number: L-2075-55A

LEFT ENGINE

PA-30 B

T.T. Eng.: 3102.5 hrs.

TSOH.: 0658.8 hrs.

Performed Annual Inspection.

Performed 25, 50, and 100 hour inspections.

Test ran engine and performed compression check: #1 = 76/80, #2 = 75/80, #3 = 76/80, #4 = 78/80. Checked Good.

Changed oil with Aeroshell 15W50 Multi-Grade oil and filter with Champion CH-48110-1.

Cleaned oil screen.

Cleaned, gapped and rotated Champion REM-40E spark plugs.

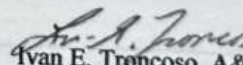
Cleaned Fuel Injector screens and fuel nozzles. Inspected all fuel lines and hoses. Checked Good.

Replaced forward crankshaft seal.

Torqued intake and exhaust hardware.

Cleaned engine and test ran. No oil leaks noted. Engine checked good.

I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition this date.


Ivan E. Troncoso, A&P 3195328 L.A.THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
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PAGE

DATE _____

HOURS
THIS
FLIGHT

CYCLES
THIS
FLIGHT

ACCUMULATIVE TOTALS

HOURS

CYCLES

SINCE
NEW

SINCE
O/H

SINCE
NEW

SINCE
O/H

DESCRIPTION OF WORK PERFORMED

TOTALS BROUGHT FORWARD

6/4/09 hm 1225.3 compression checks: #1-58/80; #2-0/80; #3-75/80; #4-74/80 removed and replaced #1, #2 cylinder with yellow tagged unites from Gibson aviation as repaired on w/o 9365 see yellow tags replace egt probe clean all plugs adjust fuel mixture functional check ok. Above approved for return to service

Craig Easter AP452135497

ig Easter AP452135497

TOTALS TO DATE

L-2075-55A

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PX-3107-51

ENGINE ☐MODULE ☐

SERIAL NUMBER

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ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

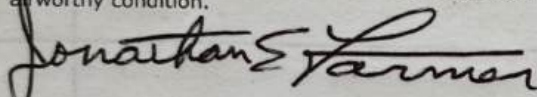
DATE

N7887Y Left Engine Log

08/21/2010 Hour Meter 1229.5 Total Time Engine 3607.9 SMOH 670.7

Inspected engine IAW FAR 43, Appendix D checklist. Checked compression: Cyl #1 80/80, #2 76/80, #3 70/80, #4 74/80. Checked and adjusted magneto timing. Checked fuel screens.

I certify this engine inspected IAW Annual Inspection and was found to be in an airworthy condition.

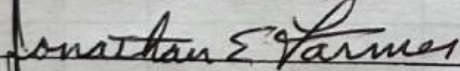


Jonathan E. Farmer
A&P 2693725 IA

08/21/2010 H.M. 1229.5

REPL CYL #1 LOWER SPARK PLUG

REM 4DE (NEW).



A&P 2693725

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

SERIAL NUMBER

L-2075-55A

SERVICE RECORD

PAGE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

[illegible]

SERVICE RECORD

PX-3107-51

TOTALS TO DATE

12/01/2013 Hobbs: 1329.9

Drained engine oil, installed
new CF 48110 oil filter.

Refilled with 7 qts of 20W50 XC

~~Carolyn Truitt~~

6/10/14 ^{Hopkins} ~~ACT~~ 1334 ~~owner~~

cu AD 2011-26-04 Fuel Lines by Incop

APR 30 67255

TOTALS BROUGHT FORWARD

DESCRIPTION OF WORK PERFORMED

SINCE
H/O

HOURS
THIS
FLIGHT

FLIGHT
THIS
CYCLES

L-2075-55A

SERIAL NUMBER _____

ENGINE
MODULE ☐

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

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L-2075-55A

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

[illegible]

TOTALS TO DATE

12-23-2011 Hobbs 1267.7 Left Engine N7887Y

Cleaned and gapped plugs. Lubed controls. Compression #1 72/80, #2 70/80,

#3 72/80, #4 70/80. I certify this engine has been inspected IAW a 100 hr. inspection and is approved for

return to service.

Philip Schmidt A&P442609256

Philip Schmidt

LaSill Aviation

N7887Y LH engine and propeller Log Tach 3390.6

APR 2, 2013

Ran engine preformed compression checks. #1 72/80 #2 76/80 #3 68/80 #4 66/80. Drained engine oil, installed new CH48110 oil filter. Refilled with 7 qts of 20w50 XC oil. LH engine exhaust cracked, repaired by Knisley, reinstalled with all new gaskets. Replaced LH engine mounts with new Lord mounts. Removed both magnetos, repaired by D&B aircraft, reinstalled and timed. Static leak checked induction and exhaust system, no defects. Cleaned and gapped and rotated spark plugs. Washed down engine, preformed leak checks, ok. Lubed controls. Greased prop, and dressed nicks.

Kenneth Williams A&P

Kenneth Williams 7988462

I certify that this engine and propeller has been inspected IAW an annual inspection using manufacturers checklist and found to be airworthy.

Chris Pittman A&P3067255 IA

CP 4-1-13

DATE

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

PAC

L-2075-55A

SERIAL NUMBER

MODULE

ENGINE

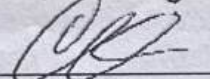
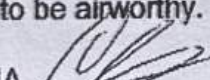
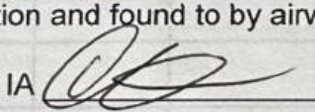
ENGINE ☐
MODULE ☐
SERIAL NUMBER

L-2075-55A

SERVICE RECORD

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS	CYCLES	ACCUMULATIVE TOTALS		DESCRIPTION OF WORK PERFORMED
			HOURS	CYCLES	
LaSill Aviation					
N7887Y LH Engine Log June 10, 2014 TSO 775.2 (1/24/96) TTSN 3218.9					
Ran engine, preformed compression checks. #1 64/80 #2 74/80 #3 66/80 #4 68/80. Drained engine oil, refilled with 8 quarts of Phillips Cross Country 20W50. Removed oil filter inspectedoi, Installed new CH48110 oil filter. Washed engine. Installed both L and R engine air filters with new, BA10. RH mag sent to D and B for repair, reinstalled and timed to engine. Cleaned fuel injectors, lubed controls. Preformed static leak check on induction and exhaust system, no faults found. Ran engine, ground ops and leak checks good. Lubed propeller.					
Chris Pittman A&P 3067255 					
I certify that this engine has been inspected using manufacturers data, IAW an Annual inspection and found to be airworthy.					
Chris Pittman A&P 3067255 IA 					
data, IAW an annual inspection and found to by airworthy.					
Chris Pittman A&P 3067255 IA 					

S BROUGHT FORWARD

1334.

ed engine oil,
CH48110 oil
engine air filters
and timed to
leak check on
ops and leak

Moore Aviation, LLC
4515 Old Jacksboro Hwy, Hanger 96, Wichita Falls, TX 76302
LH Engine Log Book Entry Date: 11-11-14 Reg: N7887Y Lycoming IO-320
Hobbs: 1364.8
Changed oil and filter, serviced with 7 quarts Phillips 20/50XC. Cut open old filters and inspected for adverse metal, none found. Ground ran & leak checks good.
Engine is released for return to service.

Brian Moore A&P 3157316

CLIFTON AERO

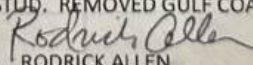
PO BOX 249 CLIFTON TEXAS 76634 254-675-3771

DATE: 9-3-2015 HR. METER: 1380.2 TOTAL TIME: 3199.8 SMOH: 821.4

N7887Y

LH ENG. LYCOMING IO-320-B1A S/N :L-2075-55A

EXHAUST STACK FOR REWORK BY AWI SEE WO# 164957, 164958, 164959, 164960 DATED: 7-14-2015, REINSTALLED. REPLACED #2 AND #4 CYL. OIL RETURN TUBES. REPLACED ALL ENGINE FLUID HOSES SEE PHT INVOICE 592257 DATED 7-16-2015, AND ALL ENGINE VAC. HOSES. REPLACED #2 CYL OIL RETURN FITTING WITH SERVICEABLE PART. REPLACED #3 EXHAUST STUD. REMOVED GULF COAST TAIL PIPE EXTENSIONS. ALL WORK PERFORMED PER THE PA-30 MM.


RODRICK ALLEN
A&P2752530

TOTALS O DATE

ENGINE
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PAGE

LS
CERTIFICATE NUMBER

WORK PERFORMED

RIGHT FORWARD

LaSill Aviation

N7887Y LH engine Log June 10, 2014

Hubbs 1334

Preformed compression checks. #1 64 #2 74 #3 66 #4 68. Drained engine oil, refilled with 8 quarts 20W50 Phillips Cross Country. Installed new CH48110 oil filter, inspected OK. Washed engine. Installed both L and R engine air filters with new, BA10. RH mag sent to D & B for repair, reinstalled and timed to engine. Cleaned fuel injectors. Lubed controls. Preformed static leak check on induction and exhaust system, no faults found. Ran engine, ground ops and leak checks good. Lubed propellor. Chris Pittman A&P 3067255

I certify that this engine and propellor has been inspected using manufactures data, IAW an annual inspection and found to by airworthy.

Chris Pittman A&P 3067255 IA

CLIFTON AERO

PO BOX 249 CLIFTON TEXAS 76634 254-675-3771

DATE: 9-3-2015

HR. METER: 1380.2 TOTAL TIME: 3199.8 SMOH: 821.4

N7887Y

LH ENG. LYCOMING IO-320-B1A S/N :L-2075-55A

EXHAUST STACK FOR REWORK BY AWI SEE WO# 164957, 164958, 164959, 164960 DATED: 7-14-2015, REINSTALLED. REPLACED #2 AND #4 CYL. OIL RETURN TUBES. REPLACED ALL ENGINE FLUID HOSES SEE PHT INVOICE 592257 DATED 7-16-2015, AND ALL ENGINE VAC. HOSES. REPLACED #2 CYL OIL RETURN FITTING WITH SERVICEABLE PART. REPLACED #3 EXHAUST STUD. REMOVED GULF COAST TAIL PIPE EXTENSIONS. ALL WORK PERFORMED PER THE PA-30 MM.

Rodrick Allen
RODRICK ALLEN
A&P2752530

TOTALS O DATE

Moore Aviation, LLC
4535 Old Jacksboro Hwy, Hanger 96, Wichita Falls, TX 76302
LH Engine Log Book Entry Date: 11-11-14 Reg: N7887Y Lycoming IO-320
Hobbs: 1364.8
Changed oil and filter, serviced with 7 quarts Phillips 20/50XC. Cut open old filters and inspected for adverse metal, none found. Ground ran & leak checks good.
Engine is released for return to service.
Brian Moore
Brian Moore A&P 3157316

CLIFTON AERO

PO BOX 249 CLIFTON TEXAS 76634 254-675-3771

DATE: 9-3-2015 HR. METER: 1380.2 TOTAL TIME: 3199.8 SMOH: 821.4
N7887Y

LH ENG. LYCOMING IO-320-B1A S/N : L-2075-55A
REPLACED ALL VALVE COVER GASKETS WITH NEW. REPAIRED OIL COOLER MOUNTING BAFFLE,
REPAINTED. SECURED ALT AIR CABLE AT ENGINE MOUNT WITH ADEL CLAMPS. ALL WORK PERFORMED
PER THE PA-30 MM.

John T. Talley
JOHN T. TALLEY

A&P3499209

CLIFTON AERO

PO BOX 249 CLIFTON TEXAS 76634 254-675-3771

DATE: 9-3-2015 HR. METER: 1380.2 TOTAL TIME: 3199.8 SMOH: 821.4
N7887Y

LH ENG. LYCOMING IO-320-B1A S/N : L-2075-55A
PERFORMED 100 HR. INSPECTION AND SERVICING. CHANGED OIL AND FILTER, OIL SAMPLE TAKEN FOR
OWNER. FILLED WITH PHILIPS XC 20W-50. OLD FILTER AND SUMP SCREEN INSPECTED, NO METAL FOUND.
CLEANED, GAPPED AND TESTED SPARK PLUGS. COMPRESSION AS FOLLOWS: 1) 77 / 80, 2) 76 / 80, 3) 74 / 80,
4) 76 / 80. CHECKED FUEL SCREEN. INSPECTED FUEL INJECTION LINES IN ACCORDANCE WITH AD 2011-26-
04 REPLACED FOUR CLAMPS. INSTALLED FELT TO FWD ENGINE BAFFLE TO CRANK CASE. REPLACED MAG
DRIVE GEARS WITH CERTIFIED GEARS SEE AIRCRAFT SPECIALTIES SERVICES INC. WO#222365 DATED: 1-14-
2014, AND CHECKED POINTS, TIMED MAGS TO ENGINE. INSTALLED NEW VERNATHERM P/N: SL53E19600.
INSTALLED WASHER AND COTTER PIN TO RH COWL FLAP TORQUE TUBE. CLEANED IGNITION LEAD
CIGARETTES AND REPLACED ONE IGNITION LEAD SPRING. REPLACED 4 SPARK PLUGS WITH SERVICEABLE
REM-40E. INSTALLED GAMI FUEL INJECTOR NOZZLES, SEE 337 THIS DATE. APPLIED SAFETY WIRE TO ALT.
AIR BOX. CUT ICE HOLE INTO EXISTING CRANK CASE BREATHER PIPE, REPLACED 2 CLAMPS. CLEANED OUT
OLD BROKEN THREAD ON EXHAUST, INSTALLED NEW EXHAUST STUD. INSTALLED SERVICEABLE NUT AND
NEW LOCK WASHER TO CHT PROBE. INSTALLED TWO CLAMPS TO SECURE ENGINE MONITOR HARNESS.

Albert Quinones
ALBERT QUINONES

A&P3567268

TOTALS BROUGHT FORWARD

DESCRIPTION OF WORK PERFORMED

SINCE
O/H

SINCE
NEW

SINCE
O/H

SINCE
NEW

FLIGHT
THIS
CYCLES

FLIGHT
THIS
HOURS

DATE

ACCUMULATIVE TOTALS

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

SERVICE RECORD

L-2075-55A

SERIAL NUMBER

MODULE

ENGINE

ENGINE ☐
MODULE ☐
SERIAL NUMBER

L-2075-55A

SERVICE RECORD

PAGE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
			CLIFTON AERO  PO BOX 249 CLIFTON TEXAS 76634 254-675-3771 DATE: 9-1-2017 HOUR METER: 1394.4 TOTAL TIME: 3214.0 SMOH: 835.6 N7887Y LH ENG. LYCOMING IO-320-B1A S/N: L-2075-55A CHECKED COMPRESSION: 1) 77/80, 2) 74/80, 3) 77/80, 4) 77/80. CHANGED OIL AND FILTER, OIL SAMPLE TAKEN FOR OWNER, FILLED WITH 8QTS PHILIPS XC 20W-50, OLD FILTER AND SUMP SCREEN INSPECTED, NO METAL FOUND, OIL FILTER P/N: CH48110-1. REPLACED OIL DRAIN PLUG WITH NEW P/N: MS20913-4. CLEANED, GAPPED, TESTED SPARK PLUGS AND INSTALLED WITH NEW GASKETS P/N: M674. CHECK MAGNETO TIMING, ADJUSTED LH AND RH MAGNETO TO PROPER TIMING. INSTALLED NEW AIR FILTER ELEMENT P/N: BA-105. REPLACED #4 VALVE COVER GASKET WITH P/N: 75906. REALIGNED ALTERNATOR TO FLY WHEEL. C/W AD 2015-19-07 BY INSPECTION OF FUEL INJECTION LINES PER SB 24G. ALL WORK PERFORMED PER THE PA-30 MM. CLEANED, AND GROUND RUN ENGINE, NO LEAKS NOTED. INSPECTED USING THING PA-30 MM 100 HOUR CHECK LIST AS A GUIDE. <i>Albert Quinones</i> ALBERT QUINONES A&P3567268				
			CLIFTON AERO  PO BOX 249 CLIFTON TEXAS 76634 254-675-3771 DATE: 1-11-2019 HOUR METER: 1421.2 TOTAL TIME: 3240.8 SMOH: 862.4 N7887Y LH ENG. LYCOMING IO-320-B1A S/N: L-2075-55A CHECKED COMPRESSION: 1) 77/80, 2) 73/80, 3) 74/80, 4) 71/80. CHANGED OIL AND FILTER, OIL SAMPLE TAKEN FOR OWNER, FILLED WITH 8QTS PHILIPS XC 20W-50 AND CAM GUARD, OLD FILTER AND SUMP SCREEN INSPECTED, NO METAL FOUND, OIL FILTER P/N: CH48110-1. CLEANED, GAPPED, TESTED SPARK PLUGS AND INSTALLED WITH NEW GASKETS P/N: M674. CHECKED MAGNETO TIMING. INSTALLED NEW AIR FILTER ELEMENT P/N: BA-105. INSTALLED NEW ALTERNATOR BELT P/N: 37819774-325 AND ADJUSTED ALTERNATOR DRIVE BELT TENSION. REPLACED VALVE COVER GASKETS AT #1 AND #4 CLY. REPLACED NOSE SEAL PER SB 1324A. C/W AD 2015-19-07 BY INSPECTION OF FUEL INJECTION LINES PER MSB 342G, REPLACED #2 CYL. FUEL INJECTION LINE P/N: AEL-12098-0-140. FABRICATED AND INSTALLED NEW ENGINE GROUNDING STRAP. PERFORMED GAMI ICA BY CLEANING AND INSPECTING ALL GAMI FUEL INJECTION NOZZLES. REMOVED DIP STICK HOUSING, INSTALLED NEW GASKET AND REINSTALLED. DRILLED AND SPOT FACED PROBE BOSS IN #3 CYL., INSTALLED HELICOIL. INSTALLED NEW FIREWALL GROMMET TO ACCOMPANY NEW JPI INSTALLATION. ALL WORK PERFORMED PER THE PA-30 MM. <i>Albert Quinones</i> ALBERT QUINONES A&P3567268				

LOG CLOSED
✓

TOTALS TO DATE

LH ENG. LOG CLOSED

6/8/2026