

Book 2

The Standard



ENGINE LOG

2 LOG BOOK

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER AVCO LYCOMING MODEL I0-360-A1B6D

SERIAL L-20791-51A TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT 177RG N53073

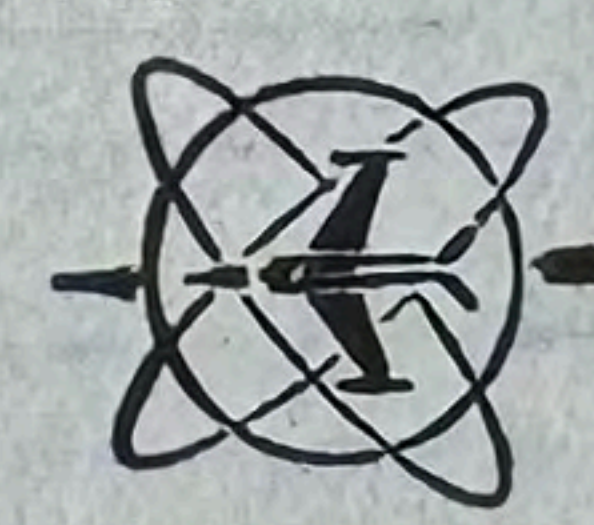
MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

The Standard



ENGINE LOG

ORDER NUMBER	LOCATION
L-0465-00 865-0	00-
PART NUMBER	QUANTITY
05K19423-S	1
DESCRIPTION	
KIT	

ART
 12
 12

ACCOMPLISHED BY John Jones
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE 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 UNDER
 ORDER NO. 54234 DATE 4-15-86
 SIGNED John Jones
 SIGNATURE OF AUTHORIZED REPRESENTATIVE
 FOR: **PIEDMONT AVIATION, INC.**
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27156
 F.A.A. REPAIR STATION NO. 1340 (LTD.)

DATE	RECORDING TACH TIME
5-16-	
REMO	
POWER	
INSTA	
OIL	
NEW	
IDLE	
OIL	
LOC	

INSTALLED O.H. PROP GOV. ...
 O.H. BY PIEDMONT AVIATION INC. CRS 1340
 UNDER WO# 54234 DATED 4-15-86.
 FLUSHED OIL PAN + CHANGED OIL FILTER
 SERVICED ENG. WITH 8 QTS PHILLIPS 20-50 XC
 OIL. ENG. OPERATIONAL TEST PERFORMED NO
 LEAKS NOTED. NOTE TACH. READS 150 RPM
 NOW. REF. WO# 23792 ON FILE
W. Wood Jones

Aero Services Raleigh-Durham, Inc.
 FAA Approved Repair Station 5393

86	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-4-86	1936.6			100HR/ ANNUAL INSPECTION COMPLETED
	ENGINE TOTAL		1797.6	THIS DATE. COMPRESSION TEST
	ENGINE	SMOH	1071.6	#1 77/80 #2 69/80 #3 77/80 #4 78/80
	PROP	SMOH	569.0	CLEANED GAPPED AND RETIGHTED
	370 @	6-27-86		SPARK PLUGS. CH'ID IGNITION TOWER
				AND IGNITION LEADS. CHANGED OIL
				& FILTER. SCRUBBED WITH 70'S
				PHILLIPS BOW/50 X/C OIL AND C/O-100
				FILTER. CLEANED FUEL SCREENS &
				OIL SCREENS. REPLACED EXISTING
				BRACKET AIR FILTER ASSY WITH
				NEW FILTER ELEMENT AND ASSY.
				DRESSED NICKS AND PAINTED
				PROP. REPLACED EGT PROBE
				AND OPS CHECKED SYSTEM. WASHED
				ENGINE AND TEST RUN-UP.
				NO LEAKS NOTED AND LUBED
				CONTROLS, CHECKED TRAVEL. AD'S

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__
 RECORDING TACH TIME
 TODAY'S FLIGHT
 TOTAL TIME IN SERVICE

COMPLIANCE REVIEW THRU 86-14.

- END -

Date 8-4-86 Total Time 1797.6 Tach Time 1936.6

I certify that this aircraft/engine has been inspected in accordance
 with a ANNUAL inspection and has been approved
 for return to service. *THIS DATE.*

Signed Jerry H. Ingold CRS 766-71

Inglewood Aviation Inc. FAA CRS 766-71
 Albemarle-Stanly County Airport
 P.O. Drawer M
 Albemarle, N.C. 28002
 Phone (704) 83-1915

WO # 2828

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1986 9-16-86	1951.9		1812.9	REMOVED #3 CYLINDER DUE TO LOW COMPRESSION AS RESULT OF PRE-IGNITION AND PISTON DAMAGE. CYLINDER REPAIRED BY PIEDMONT W.O. # 15078.
	ENGINE SMOK 1092.9			

Partial Maintenance Release

Make Lycoming Serial No. C1902
 Part Number LW12987 Unit Name Cylinder

I certify that the repair as listed on the reverse hereof made to the unit identified above was made and inspected in accordance with current regulations of the Federal Aviation Administration and the repair is approved for return to service. This unit may require additional inspection prior to its return to service.

Details on file at this agency under W. O. No. 15078

Signed C E Hester FOR

Piedmont Aviation, Inc.
Smith Reynolds Airport

Repair Station No. 1340
Winston-Salem, NC 27156

PISTON,
C. ENGINE
OPERATIONS
CRUISES

DATE	RECO
1987	
6-26-87	20
ENGINE	

MAINTENANCE RELEASE

ELMORE AIRCRAFT ENGINES SERVICE, INC.
 412 - 41st Avenue, East - Bradenton, Florida 33508
 746-3623 • 1-800-237-2220
 FAA Approved Repair Station No. 764-69

Aircraft _____ Model 10-36C Serial No. _____
 Registration _____ Location of Repair _____
 Mfg. Name Lec. Component Name AL

The Aircraft and/or component indentified above 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 under:

Work Order No. 3052R Date 6-17-87
 Signed [Signature] (Signature of authorized individual)

RATIONS
 E NUMBER OF
 (IFIC ENTRIES.)

TO

K PLUG

CYLINDER

GASKETS

NO

WANCE

10-

INSPECTED AND APPROVED

by Larry H. Ingold For

INGLEWOOD AVIATION INC.
FAA C.R.S. NO. 766-71

WO# 3052R

DATE

19

PIEDMONT AVIATION, INC.
SMITH-REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27102

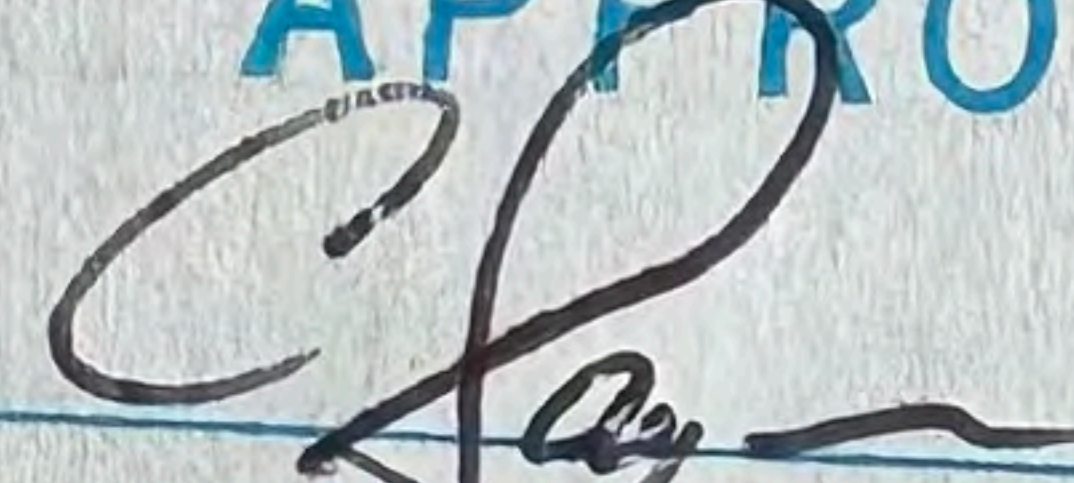
FAA approved Repair Station #1340 certifies that Lycoming
Engine Model IO-360-A1B6D S/N L-20791-51A
has zero hours since disassembly, inspection, rework, and reassem-
bly as per factory recommendations for major overhaul. All clear-
ances and tolerances lie between the minimum and maximum limits
as shown in the subject engine overhaul manual.

All applicable AD notes and factory Service Bulletins have been
complied with on subject engine.

Subject engine was repaired and inspected in accordance with
current regulations of the Federal Aviation Agency and was
found airworthy and is approved for return to service.

Pertinent details of this overhaul are on file at this station
under our Work Order # 19750

APPROVED BY



INSPECTOR FOR
PIEDMONT AVIATION, INC.
WINSTON-SALEM, N. C.
APPROVED REPAIR STATION NO. 1340 LTD

Date 02-17-88
Inspector C.P. Sayers
Certificate # 1340

DATE 19

SERVICEABLE PART

MANUFACTURER Bendix
 PART NAME Fuel Injector
 MODEL RSA-5AD1
 PART NO. 2524054-10
 SERIAL NO. 73932
 REMARKS: Overhauled and checked
OK. S/B 71-1 and 65 and 86-1
complied with.
 ACCOMPLISHED BY H. Ferguson

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE 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 UNDER

ORDER NO. 19750 DATE 2-5-88

SIGNED [Signature] SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: **PIEDMONT AVIATION, INC.**
 P.O. BOX 525
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27102
 F.A.A. REPAIR STATION NO. 1340

S.B.240K - 100% Replacement Parts C/W
PIEDMONT AVIATION, INC.
WINSTON-SALEM, N. C.

- A.D.71-05-02-Crankcase Main Bearing Previously C/W
- A.D.71-11-02-Intake & Exhaust Tappet Plunger Previously C/W
- A.D.73-23-01-Piston Pin Grinding Cracks N/A by S/N
- A.D.75-08-09-Oil Pump Previously C/W
- A.D.75-09-15-Flow Divider Previously Complied With
- A.D.81-18-04R2-Oil Pump Previously Complied With
- A.D.87-10-06-Rocker Arm N/A by S/N

TAG ATTACHED IN AIRFRAME LOG-BOOK UNDER PART NO.

DATE 1988	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-14-88	TOTAL	ENGINE TIME	1894.6	REMOVED & INSTALLED OVERHAUL'D
	ENGINE	SMOH	"0"	LYCOMING ENGINE MODEL # IO-360-A1B6D
	TACH	TIME	"0"	S/N L-20791-S1A. NOTE: PREVIOUS PAGE
	TOTAL	AIRFRAME TIME	2033.6	IN THIS LOG-BOOK FOR DETAILS ON
	HOBBS	METER	105.1	OVERHAUL PERFORMED BY PIEDMONT
				AVIATION. INSTALLED ENGINE WITH
	FOUR	NEW	ENGINE	LORD MOUNT KITS P/W J-9613-59 & FOUR NEW
	BOLTS	& NUTS.	REPLACED	CHT SENDER P/W 2334-3 & OIL TEMP SENDER
	P/W	2335-1.	REMOVED	& REPLACED A/C FUEL PUMP. INSTALLED
	OVERHAUL'D	STARTER	P/N	IN000032 & FUEL INJECTOR
	P/N	RSA-SADI	-S/N	73932 SERVICEABLE TAGS ATTACHED THIS
	LOG	BOOK.	OVERHAUL'D	MAGNETO P/N D4LN-2021 - S/N 10-382555-11
	SERVICEABLE	TAG	ATTACH	THIS LOG-BOOK. MAGNETO A.D. 78-09-07
	C/W	DURING	OVERHAUL.	INSTALLED OVERHAUL'D ALTERNATOR
	P/W	DOFF10300B,	S/N	71208487 WITH NEW BELT, SERVICEABLE
	TAG	ATTACHED	IN	AIRFRAME LOG-BOOK. ALL ENGINE FUEL
	CARRYING	HOSES	REPLACED,	SERVICEABLE TAG ATTACHED THIS
	LOG	BOOK.	BAFFLED	REPAIRED AS NEEDED & NEW BAFFLED

DATE
1988
12-14-

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19 88				
12-14-88				SEALS INSTALLED, INSTALLED 8 NEW SPARK PLUGS. INSTALLED
				NEW ENGINE INDUCTION FILTER ELEMENT. REPLACED ALL
				SCAT TUBE FOR CABIN AIR & HEAT. ALSO, ENGINE INDUCTION
				SCAT TUBE REPLACED. REMOVED & REPLACED THE FOLLOWING
				EXHAUST PARTS; MUFFLER P/N 2054000-39R, MUFFLER
				P/N 2054000-42R, RH OUTBOARD PIPE P/N 2054002-14.
				SERVICEABLE TAGS ATTACHED IN AIRFRAME LOG-BOOK.
				EXHAUST INSTALLED WITH NEW GASKETS & HARDWARE. FUEL
				CONTROL IDLE MIXTURE, IDLE AND CONTROL TRAVELS ADJUSTED
				& CHECK. ENGINE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
				SERVICE. ENGINE WITH 8 QTS 40W ARDSEAL MINERAL OIL.
				RAN ENGINE & LEAK CHECKED. COMPRESSION TEST PERFORMED
				#1 $\frac{75}{80}$ #2 $\frac{72}{80}$ #3 $\frac{77}{80}$ #4 $\frac{77}{80}$.
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
				ACCORDANCE WITH A 100 HR INSPECTION AND HAS BEEN
				APPROVED FOR RETURN TO SERVICE. AWP242278369
				Paul Walker
				END

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__ RECORDING TACH TIME TODAYS FLIGHT TOTAL TIME IN SERVICE

Date 12-14-88 Total Time 1894.6 Tach Time "0"

I certify that this ~~aircraft~~/engine has been inspected in accordance
 with a Annual inspection and has been approved
 for return to service. **THIS DATE.**

Signed Jerry B. Ingold 1A-2109176

Engine SMOH "0"

APPROVED BY
 PIEDMONT AVIATION SERVICES, INC.
 WILMINGTON, DE.
 APPROVED FOR RETURN TO SERVICE

DATE 1990	RECORDING TACH TIME	SMOH TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/16	86	86	1960	ANNUAL INSPECTION AS PER CESSNA 177RG SERVICE MANUAL LUB AS PER MANUAL. CHANGE OIL AND FILTER SERVICE WITH ARNOSHELL 15W50 OIL CLEAN AND GAP SPARK PLUGS COMPRESSION READINGS #1 $\frac{72}{80}$ #2 $\frac{76}{80}$ #3 $\frac{75}{80}$ #4 $\frac{75}{80}$ INSTALL NEW INDUCTION AIR FILTER (BRACKETT TYPE) LUB ALL ENG CONTROLS. RUN UP CHECK LEAKS AND OPS CHECK OK
				I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. DATE <u>1/16/90</u>
				SIGNED <u>A. H. Peter</u> NO. <u>FA 1676338</u>

DATE RECORDING TACH TIME TODAYS FLIGHT TOTAL TIME IN SERVICE DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

19 9/5/90 142.4 — — CHANGE OIL AND FILTER SERVICE WITH 8 OZS. AEROSHELL 15W50 at West H. Peter
 A+P 167633T

1-16-90 168.5 — ~~170.2~~ Annual Inspection at this time and date
 Compression checked cyl #1 $\frac{7}{80}$, #2 $\frac{7}{80}$, #3 $\frac{7}{80}$, #4 $\frac{7}{80}$
 Cleaned and lapped spark plugs, changed oil and filter serviced with 8qt Aerashell 15W50. Inspected mufflers, controls and fuel and oil lines. Lubricated controls as per manual. Inspected low oil line as per AD 90-04-06 no other AD's Apply At this time

I CERTIFY THAT THIS Enige HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN Airworthy CONDITION. DATE 1-16-90

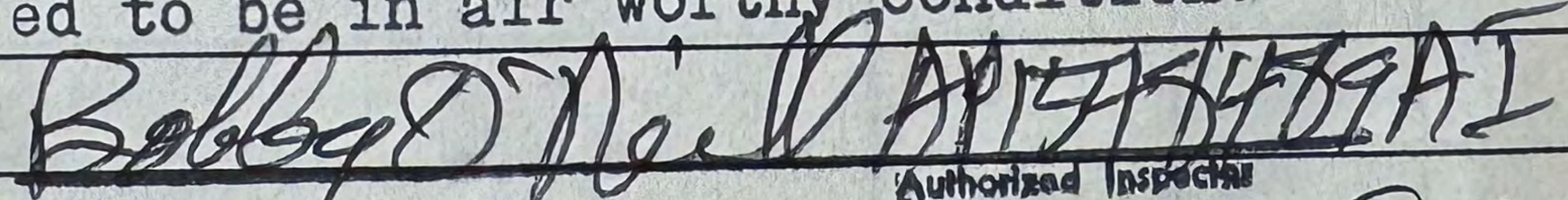
SIGNED Buddy J. Hunt
 NO. A+P 31380187FA

R

DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Feb 6,	92	250	on meter,	A 100hr inspection completed. Compression tested all 78/80. Carb drained. Air Filter replaced. Plugs cleaned. Magns and timing checked.
				I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in air worthy condition.
				<u>Bob O'Neill AP1548489 AI</u>
May 15,	92	261	on meter,	AD 90-04-06 R1 complied with by installing oil line assembly LW-12920 with steel nuts and checking the steel fittings on the engine and the support clamps. Not a recurring A.D.
				<u>Bob O'Neill AP1548489</u>

Mar 10,

MAR 10

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1992 2/21	274			OIL + FILTER CHANGE 8 qts AEROSHELL 15-W50 AND CHAMPION CH48103 FILTER OLD FILTER @ PNEUM FILTER SAFEWIRE ENR 2 WASHED + PURS NO LEAKS J. Ogilvie
Mar 10, 93	294	on meter	2 M.O.H.	A 100 hr inspection completed. Compression tested all above 750. Plugs cleaned, strainer checked, Mags checked.
				I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determin ed to be in air worthy condition.
				 <small>Authorized Inspector</small>
MAR 11/93	294	hrs		OIL + FILTER CHANGED 8 qts AERO SHELL 15W50 - CHAMPION CH48103 RAN ENGINE NO LEAKS J. Ogilvie

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

April 1, 94			348 S.M.O.H.	
-------------	--	--	--------------	--

A 100hr inspection completed.
 Compression tested #1 73/80 #2 72/80
 #3 76/80 #4 77/80. Factory new steel
 bore cylinder assembly with new piston
 and rings installed in #3 position.
 Maps and timing checked. Plugs cleaned.
 Fuel strainer checked.

I certify that this aircraft has been
 inspected in accordance with a _____
 Annual Inspection and was determined
 to be in airworthy condition.

Bobby O'Neill AP1548469AI

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__ RECORDING TACH TIME TODAY'S FLIGHT TOTAL TIME IN SERVICE

May 11, 95 TACH
 A 100hr inspection completed.
 Compression tested #1 $7\frac{3}{8}$ #2 $7\frac{3}{8}$
 #3 $7\frac{3}{8}$ #4 $7\frac{3}{8}$. Oil changed,
 Filter replaced, Aeroshell 50 regular
 oil used. Magns and timing checked.
 Plugs cleaned. Fuel strainer checked,
 screens cleaned. Air Filter replaced.

I certify that this aircraft has been
 inspected in accordance with a
Annual inspection and was determin-
 ed to be in air worthy condition.

Bobby D. Deil AP1548459AI
 Authorized Inspector

DATE 19__ 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

July 1, 96

1hr 4?

A 100 hr inspection completed. Compression tested #1 22/80 #2 23/80 #3 27/80 #4 22/80. Filter checked. Maps and timing checked. Fuel Flow divider overhauled. Screens checked. Cabin heater checked.

I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in air worthy condition.

Bobby O'Neil A1574189AI
Authorized

DATE

19

Ma

JUNE

1.

4. Or

6. Item

13. F

14.

Certifies that the ne specified in block 13 data and airworthin NOTE: In case of | country have been n

15. Signature:

17. Name (Typed or Printed):

FAA Form 8130-3 (11-)

Type or Model No. I0360A1B6D Date 6/26/97

Part No. Serial No. L-20791-51A

Description ENGINE LESS THE ACCESSORIES

Customer ALBANY AIR CENTER

Remarks PERFORMED A PROP STRIKE INSPECTION.

ALL INTERNAL STEEL PARTS MAGNAFLUXED &

CRANK RUNOUTS TAKEN. REASSEMBLED WITH NEW

BRGS., SEALS, ROD NUTS & BOLTS.

Repaired XX O'Hauled Checked XX

SEE W/O #2795 - A.D. 91-14-22 COMPLIED WITH

Inspector [Signature]

FAA REPAIR STATION AF5R724M GRAHAM AIRCRAFT ENGINE SERV, INC. 129 Bethea Road Fayetteville, GA 30214 Phone (770) 461-4641

16. FAA Authorization No.:

20. Authorized Signature: [Signature]

Certificate Number: NE2RO28L

18. Date:

22. Name (Typed or Printed):

Steven Thatcher

23. Date:

Jun 19, 1996

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

WARRANTY REQUESTED

ACCIDENT UNIT - HIDDEN DAMAGE INSPECTION REQUIRED

REPAIR COST ESTIMATE REQUIRED YES NO

oil line was installed per A.D. 90-04-06R1 and support hardware installed per A.D. For complete details see Work Order #2795 supplied with the engine.

Signed [Signature] For:

GRAHAM AIRCRAFT ENGINE SERV., INC. FAA REPAIR STATION #AF5R724M

LIMITED MAINTENANCE RELEASE

TULSA, OK 74115

Work performed

OF (IES.)

19

rike.

onal

due to

Divco,

The

led:

seals,

Locktab,

ton pin

r the

ngine.

Textron

crank

compliance

op governor

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July 9, 1997			413	on tech. S.M.O.H. A 100hr inspection completed per Cessna instructions. Oil and Filter changed. Engine reinstalled after sudden stoppage inspection. Compression tested 11/17 1/2

REORDER FROM:
AVIATION BUSINESS SYSTEMS
715 North Memorial Parkway
MONTGOMERY, ALABAMA 36101
1-800-999-9999

Maintenance Release

The aircraft, airframe, aircraft engine, propeller or
appliance identified below was repaired and
inspected in accordance with current regulations
of the Federal Aviation Administration and is
approved for return to service.

Pertinent details of the repairs under
Work Order # 16222 are herewith attached.

Dated 5-29-97
Inspected by DRK
Cert. # 475827741

SERVICEABLE

Name Albany AK
Unit MV884
Part # 2054000-39 Ser. # AWI16222
Aircraft C-177R6 ID # _____
Disposition Repair
Reason For Removal _____
Removed By _____ Date _____
AD or Service _____
Bulletins u/s
Work Performed Repaired
FAA Certificate No. UWDR792L

AEROSPACE WELDING MINNEAPOLIS, INC.
12004 RIVERWOOD DR.
BURNSVILLE, MN 55337
1-800 597-4315

TS

DATE 19__	RECORDING TACH TIME

Date: 08/2
T.T.:2371

I certify that
Service M
system a
induction
Checked
new CH
Compr
Inducti

Check
A.D.
Clean
noted

9-9-97

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Date: 08/20/1998
T.T.:2371,4

Tach: 476.5 Lycoming IO 360 A1B6D S/N:L-20791-51A
TSMOH:476.5 W/O: 17484 Cessna 177RG-N53073

I certify that this engine has been inspected in accordance with a Annual Inspection per Cessna Service Manual and Jet Air, Inc. forms. Checked engine mounts and cradle. Checked electrical system and harnesses. Checked engine accessories. Checked lines, tubing, and hoses. Checked induction system. Sumped all fuel drains. Checked and lubricated engine and propeller controls. Checked engine baffling and cowling. Checked and lubricated cowl flaps and controls. Installed new CH48103 oil filter and serviced engine with 8 qts 50W Aeroshell Oil.
Compression Tests: 1- 75/80, 2- 76/80, 3- 76/80, 4- 75/80
Induction air filter change due tach time: 576.5

Checked and Complied with A.D.'s up to this date.

A.D. 96-12-17 Inspection of riveted Impulse coupling DUE AT TACH 500.0
Cleaned engine, performed engine run-up and set-up per Lycoming service information, no leaks noted. And have found this engine to be in an airworthy condition as of this date.

Handwritten signature AP 706075269. IA

9-9-98 Tach: 492.9 c/w AD 96-12-07 AND S/B 645 Impulse coupling, NEXT

INSPECTION DUE AT Tach: 992.9 (500 Hrs)

JETAIR INC JAFR110R *Handwritten signature*

DATE: 02/05/1999 TACH: 618.2 LYCOMING IO-360-A1B6D S/N: L-20791-51A T.T.: 2513.1 TSMOH: 618.2
W/O: 17635

DATE

19__

I certify that this engine has been inspected in accordance with a ANNUAL INSPECTION per Cessna Service Manual and Jet Air, Inc. forms. Checked engine mounts and cradle. Checked electrical systems and harnesses. Checked engine accessories. Checked lines, tubing, and hoses. Checked induction system. Checked and pressure tested exhaust system. Sumped all fuel drains. Checked and lubricated engine and propeller controls. Checked engine baffling and cowling. Checked and lubricated cowl flaps and controls. Cleaned all fuel injectors and reinstalled. Installed new CH48103 oil filter and serviced engine with 8qts 50W Aeroshell oil. Noted no metal in filter. Replaced NO:2, 3, and NO:4 intake gaskets and seals. Repaired baffles as needed. Installed new gasket on oil filler tube. Installed new points and new impulse coupler on magneto. Installed bracket air filter.

Compression tests 1 70, 2 74, 3 74, 4 74.

Induction air filter change next due tach: 718.2 or Annual.

C/W A.D. 76-07-12 by functional testing of ignition switch, found to operate normal, next inspection due tach: 718.2 100 HR.

C/W A.D. 96-12-07 Impulse coupler inspection. Installed new style coupler P/N: 10-400323. Next inspection due Tach: 1118.2 every 500 HRS.

CHECKED AND COMPLIED WITH A.D.'S UP TO THIS DATE

Washed engine and performed engine run-up and set-up per Lycoming Overhaul Manual, no leaks noted. And have found this engine to be in an airworthy condition as of this date.

I certify this ENGINE has been inspected
in accordance with an ANNUAL inspection
and was determined to be in airworthy condition
as of this date.

Signed

Date 2-5-1999 W.O. No. 17635

Tach 618.2 Total Time 2513.1

JET AIR, INC.

FAA Certified Repair Station CRS #JAER110F

Galesburg, Illinois 61401

DATE 1999
 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

1. UNITED STATES

2. FAA FORM 8130-3
 AIRWORTHINESS APPROVAL TAG
 U.S. Department of Transportation
 Federal Aviation Administration

3. System Tracking Ref. No.
101244

4. Organization
 Aerodyne Corporation
 5108 West Military Highway
 Chesapeake, VA 23321
 Phone: 757-488-2890
 Fax: 757-488-7926
 Email: AerodyneAC@CS.Com

6. Work Order, Contract, or Invoice
RO 14126

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Lycoming cylinder	IO-360	TBVI installer	1	RO,14126	Repair

13. Remarks
 Details on file under RO. 14126

14. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.
 New
 Newly Overhauled

15. Signature

16. FAA Authorization No.

17. Name (Typed or Printed)

18. Date

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.

20. Authorized Signature

21. Certificate Number
HOIR-199K

22. Name (Typed or Printed): *Michael Johnson*

23. Date: 3/2/00

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

Inspection Corporation
 Highway
 Virginia 2332
 # HOIR-19
 FAX 757-488-
 R

14126

4. SERVICE
 REJECT

FEW
 AW
 TERMINATED
 104WE
 104WE
 New Ratings &
 #3
 NEW ON 867
 ENGINE CONTROLS
 3) 78 477

Paul W. Cox
 1A242041093

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
04/06/01	TACH 855.0	1		<p>CREW CHIEF THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN APPROVING CONDITION. LUBRICATED ENGINE COMPONENTS. CLEANED & CAPPED SPARK PLUGS. INSPECTED EXHAUST SYS, RE ADJUSTED CABIN HEAT SHROOD. OK. CLEANED FUEL SCREEN. COMP TEST / 80</p>
			1 72	3 74
			2 72	4 21
			Paul W. Cant	
			1A242041093	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/11/03	937.7		937.7	<p>NOTE NEW TACH INSTALLED ON 12-14-88. OLD TACH TIME WAS 2033.6, TIME CARRIED FORWARD. O'SMOH NEW TACH INSTALLED. RAN ENGINE, PERFORMED COMPRESSION CHECK, 1¹²/₈₀, 2¹⁶/₈₀, 3¹⁶/₈₀, 4²⁵/₈₀, REPLACED OIL AND FILTER, CLEAN AND GAP PLUGS PERFORMED AD 2002-24-01, INSPECTION OF FUEL INJECTION LINES, REPLACED #1 & 2 LINES. RAN ENGINE CHECKS OK - Ed Coyne ABE 13311041A.</p>
8-11-03	OLD TACH 2033.6		937.7	<p>I CERTIFY THAT THIS Key SN# <u>L26791-51A</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND HAS BEEN FOUND AIRWORTHY. Ed Coyne ABE 13311041A</p>
8-01-03	2033.6		2971.3	

DATE
200
19

1/26/

Eng M/N: IO-360-A1B6D

Eng S/N: L-20791-51A

Eng. TT: Not supplied

Tach: Not supplied

TTSMOH: Not supplied

Date: 12/1/2003

This engine has been disassembled, cleaned, and inspected as required to comply with Lycoming Service Bulletin 533A for sudden stoppage inspection, no sudden stoppage damage was found. Cylinders barrels were honed oversize P10, replaced exhaust valves and guides, ground valves and valve seats, and installed new pistons and rings. Engine was reassembled in accordance with data approved by or acceptable to the FAA. Parts were replaced as listed on the supplied work order. Test cell run was satisfactory for return to service. See separate AD sheet supplied for AD compliance.

Nothing Follows

Penn Yan Aero Service, Inc.

2499 Old Bath Road

Penn Yan, New York 14527

WO# 13010-03



FAA Approved Repair Station #NJ1R350K

[Handwritten Signature]

Authorized Signature

1-28-oh/ 939.17

PERFORMED 100 INSPECTION ON THIS ENGINE IN ACCORDANCE WITH FAR 43.17 APPENDIX A, BAWENGINE OK FOR SERVICE. Ed Boyer AAE1331/04/14.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

Hummel Aviation Maintenance

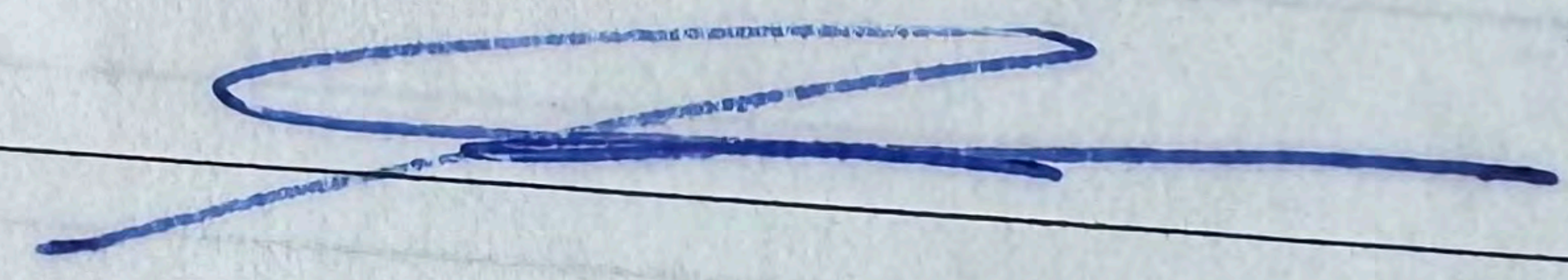
A Division of Delaware Corporation

804-758-9500

Date: 02/25/2005

Tach: 0967

Drained oil, inspected filter element, replaced filter, serviced with aeroshell 15w-50. Engine compression all 76/80 or better. Run and leak check satisfactory. I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition.



267752019IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------	---------------	-----------------------	--

Taylor Aviation, Inc.

Reg. # N53073 Date: 10/06/06
 Make: Cessna 93 Hangar Rd., Montgomery NY 12549 Tach/Hobbs: 1034.3
 Model: C177RG **Engine Log** Total Time: _____


Serviced engine with 8 qrts. Aeroshell 15W50 oil and CH48103-1 filter. Degreased engine. Inspected and lubricated engine controls. Installed replacement oil temp transmitter P/N S2335-1. Performed maintenance function checks as required. -----END-----

 Philip A. Criscenzo A&P / IA 14344919

3-28-07	1049.6		2943.9	Changed oil and filter serviced engine w/8qts 15W50 AIS. inspected oil, fuel, intake and exhaust systems checked mag timing Replaced all rocker cover gaskets all intake tube gaskets and dipstick O-ring replaced Heat muff intake seat hose replaced intake filter and #2 bottom spark plug cleaned tested and gapped all other plugs C/w AD 02-26-01 injector line inspection Continued →
		↑		
	77		78	
	78		78	
		↘		
		80		

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-28-07	1049.6			Ground run for leak and mag check OK I certify that this <u>engine</u> has been inspected in accordance with a <u>10hr</u> inspection and is in an airworthy condition. <i>Janet R. [Signature]</i> APO5054
04-15-08	1111.4		3005.7	ENGINE INSPECTED AND SERVICED IN ACCORDANCE WITH FAR 43 APPENDIX 'D' AND IS APPROVED FOR RETURN TO SERVICE. CHANGED OIL & OIL FILTER, ENGINE SERVICED WITH AEROSHELL 15W50 OIL. CLEANED FUEL INJECTION NOZZLES. REPLACED ROCKER COVER GASKETS. REPLACED #4 CYLINDER INTAKE GASKET AND INTAKE TUBE SEAL. REPLACED SEAL ON OIL FITTING ABOVE OIL PRESSURE GAUGE LINE. REPLACED INDUCTION AIR FILTER. C/W AD 02-26-01 BY INSPECTION OF

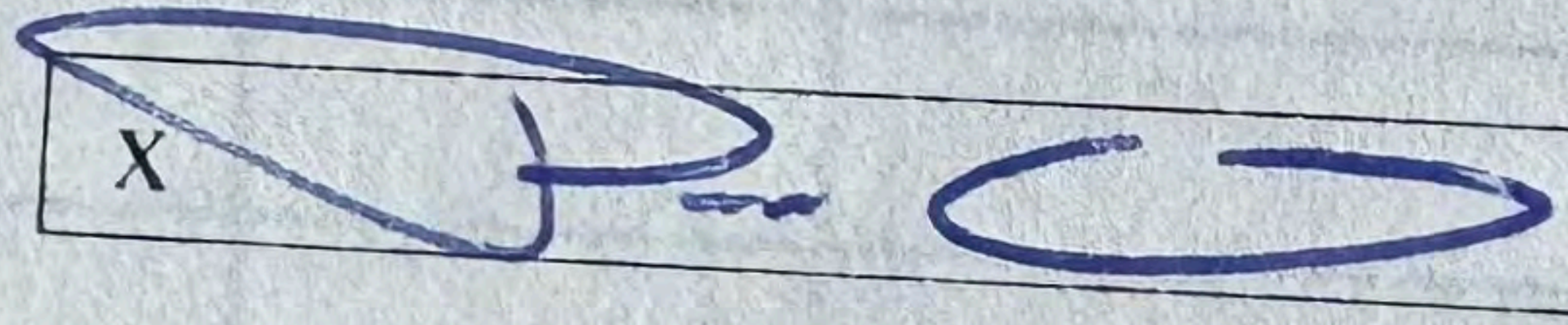
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				FUEL INJECTION LINES AND CLAMPS, C/W AD. 05-12-06 BY INSPECTION OF IMPULSE COUPLING - NEXT INSPECTION DUE @ 1611.4 HOURS. DETAILS ON FILE W.O. 3569
				I certify that this <u>POWERPLANT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in an airworthy condition Date <u>05-15-08</u> Tach/Hobbs Time: <u>1111.4</u> Total Time: <u>3005.7</u> Authorized Signature <u>William C. Witmer</u> <u>AP2181370 IA</u> WITMER'S AIRCRAFT SERVICE POTTSTOWN MUNICIPAL AIRPORT 1149A GLASGOW STREET POTTSTOWN, PA 19464 610-323-0320

Reg. #	<u>N53073</u>	Taylor Aviation Inc.	Date:	<u>10/24/08</u>
Make:	<u>Cessna</u>	93 Hangar Rd., Montgomery NY 12549	Tach/Hobbs:	<u>1137.3</u>
Model:	<u>C177RG</u>	Engine	Total Time:	<u> </u>
Replaced #4 cylinder induction tube gasket. Replaced leaking engine driven fuel pump with new P/N AF15473. Rerouted oil pressure line. Degreased engine, cowlings and belly. Inspected and lubricated engine controls. Performed maintenance operational function checks with no discrepancies noted at this time. -----END-----				
X		Philip A. Criscenzo	A&P / IA 3491550	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

Reg. # N53073 *Taylor Aviation Inc.* Date: 06/19/09
 Make: CESSNA 93 Hangar Rd., Montgomery NY 12549 Tach/Hobbs: 1144.0
 Model: C177RG **Engine** TSMOH 1144.0

Inspected Engine In accordance with an **ANNUAL INSPECTION** per FAR 43.13 Appendix D and Taylor Aviation Inc. Guide. Performed Compression Test as follows: 1) 76/80 2) 77/80 3) 77/80 4) 78/80. Serviced engine with 8 qrts. Aeroshell 15W50 Oil and CH48103-1 oil filter. Cut oil filter and inspected with no discrepancies noted at this time. Degreased engine and cowlings. Inspected and lubricated engine controls. Replace air filter with Brackett P/N BA-5705. Gasolator and carburator bowls flushed and filters cleaned. Cleaned and flow tested fuel injectors. Replacd worn fuel injector Helicoil in #3 cylinder. Sealed induction air filter airbox assembly. Replaced weeping #4 induction tube gasket. Adjusted mixture control travel limits. Replaced worn engine flex mounts. Replaced worn throttle rod end. Replaced Adel clamp securing engine breather tube. Adjusted external magneto timing. Replaced worn exhaust system hardware. Secured loose ignition harness. Cleaned staining from muffler heat shroud. Verified compliance with Airworthiness Directives through this date with Avantext and Federal Libraries (See Report). CW AD2009-02-03 on Fuel Servo Plug By Inspection (Next Due in 50 Hrs TIS at 1194.0 HRS). CW AD2008-14-07 on Fuel Injector Lines by Inspection (Next Due in 100 Hrs TIS at 1244.0 HRS). Adjusted Idle RPM and Mixture settings. Performed maintenance operational inspection and cockpit function checks with no further discrepancies noted at this time. I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been determined to be in an airworthy condition. -----END-----



Philip A. Criscenzo

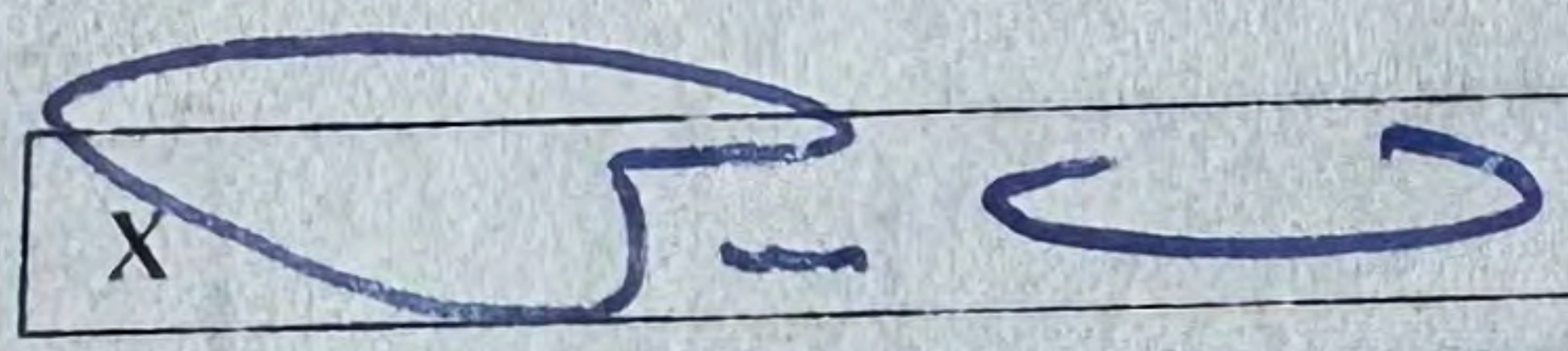
A&P / IA 14344919

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

Taylor Aviation Inc.

Reg. # N53073 Date: 06/18/10
 Make: CESSNA 93 Hangar Rd., Montgomery NY 12549 Tach/Hobbs: 1180.7
 Model: C177RG **Engine** TSMOH: 1180.7

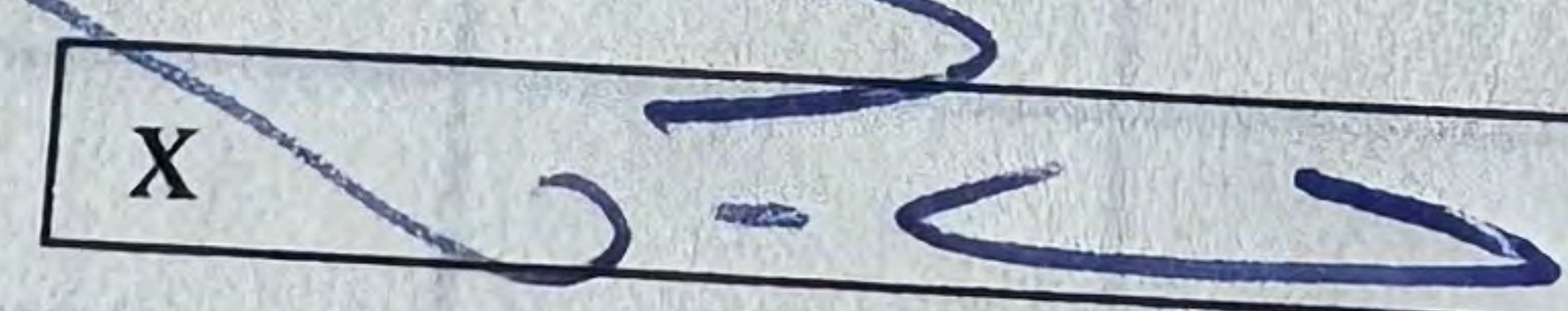
Inspected Engine in accordance with an **ANNUAL INSPECTION** per FAR 43.13 Appendix D and Taylor Aviation Inc. Guide. Performed Compression Test as follows: 1) /80 2) /80 3) /80 4) /80 5) /80 6) /80. Serviced engine with 8 qrts. Aeroshell 15W50 Oil and CH48103-1 oil filter. Cut oil filter and inspected with no discrepancies noted at this time. Degreased engine and cowlings. Inspected and lubricated engine controls. Replace air filter with Brackett P/N BA-5705. Gasolator and carburetor bowls flushed and filters cleaned. Cleaned and flow tested fuel injectors. Tightened rocker covers. Replaced #4 cylinder induction tube gasket. Replaced worn muffler clamp hardware. Verified compliance with Airworthiness Directives through this date with Avantext and Federal Libraries (See Report). CW AD2009-02-03 on Fuel Servo Plug By Inspection (Next Due in 50 Hrs TIS at 1194.0 HRS). CW AD2008-14-07 on Fuel Injector Lines by Inspection (Next Due in 100 Hrs TIS at 1244.0 HRS). Adjusted Idle RPM and Mixture settings. Performed maintenance operational inspection and cockpit function checks with no further discrepancies noted at this time. I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been determined to be in an **airworthy condition.** -----END-----

 Philip A. Criscenzo A&P / IA 3491550

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

Reg. #	<u>N53073</u>	Taylor Aviation Inc.	Date:	<u>07/08/2011</u>
Make:	<u>CESSNA</u>	93 Hangar Rd., Montgomery NY 12549	Tach/Hobbs:	<u>1202.7</u>
Model:	<u>C177RG</u>	Engine	TSMOH	<u>1202.7</u>

Inspected Engine In accordance with an **ANNUAL INSPECTION** per FAR 43.13 Appendix D and Taylor Aviation Inc. Guide. Performed Compression Test as follows: 1) 77/80 2) 77/80 3) 78/80 4) 78/80. Serviced engine with 8 qrts. Aeroshell 15W50 Oil and CH48103-1 oil filter. Cut oil filter and inspected with no discrepancies noted at this time. Degreased engine and cowlings. Inspected and lubricated engine controls. Replace air filter with Brackett P/N BA-5705. Gasolator and carburetor bowls flushed and filters cleaned. Tightened rocker covers. Fabricated repairs to alternate air door box assy. Replaced Adel clamp securing mixture control cable. Fabricated repairs to rigid engine baffles as required. Replaced #1 cylinder induction tube gasket. Replaced alternate air door hinge pin. Adjusted Idle RPM and Mixture settings. Replaced alternator mount lock tabs. Replaced worn alternator field terminal boot. Fabricated repairs to to worn engine baffle spring attach points. Replaced worn cabin heat inlet air duct to muffler shroud. Replaced worn ignition lead baffle grommets. Replaced worn alternator wiring baffle grommets. Replaced engine baffle chafe tape as required. Replaced worn fasteners securing air filter housing . Fabricated sheet metal repairs to engine air inlet housing. Verified compliance with Airworthiness Directives through this date with Avantext and Federal Libraries (See Report). CW AD2009-02-03 on Fuel Servo Plug By Inspection (Next Due in 50 Hrs TIS at 1252.7 HRS). CW AD2008-14-07 on Fuel Injector Lines by Inspection (Next Due in 100 Hrs TIS at 1302.7 HRS). Adjusted Idle RPM and Mixture settings. Performed maintenance operational inspection and cockpit function checks with no further discrepancies noted at this time. I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been determined to be in an airworthy condition. -----END-----

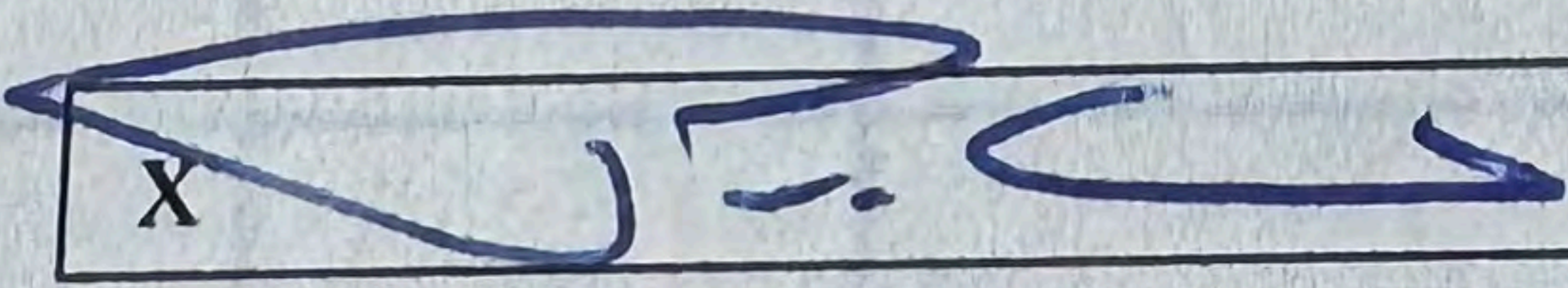
X		Philip A. Criscenzo	A&P / IA 3491550
---	--	---------------------	------------------

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

Taylor Aviation Inc.

Reg. # N53073 Date: 08/07/2012
 Make: CESSNA 93 Hangar Rd., Montgomery NY 12549 Tach/Hobbs: 1225.0
 Model: C177RG Engine TSMOH 1225.0

Inspected Engine In accordance with an **ANNUAL INSPECTION** per FAR 43.13 Appendix D and Taylor Aviation Inc. Guide. Performed Compression Test as follows: 1) 78/80 2) 77/80 3) 78/80 4) 76/80. Serviced engine with 8 qrts. Aeroshell 15W50 Oil and CH48103-1 oil filter. Cut oil filter and inspected with no discrepancies noted at this time. Degreased engine and cowlings. Inspected and lubricated engine controls. Cleaned and oiled induction air filter. Gasolator and fuel filters cleaned and flushed. Tightened rocker cover screws. Replaced worn clamp on cyl.#3 oil return coupler. Replaced worn clamp securing LH cabin heat scat duct. Verified compliance with Airworthiness Directives through this date with Avantext and Federal Libraries (See Report). CW AD2009-02-03 on Fuel Servo Plug By Inspection (Next Due in 50 Hrs TIS at 1275.0 HRS). CW AD2008-14-07 on Fuel Injector Lines by Inspection (Next Due in 100 Hrs TIS at 1325.0 HRS). Adjusted Idle RPM and Mixture settings. Performed maintenance operational inspection and cockpit function checks with no further discrepancies noted at this time. I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been determined to be in an airworthy condition. -----END-----

 Philip A. Criscenzo A&P / IA 3491550

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19__				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Terry's A & P Services
Specializing in Aircraft Inspection and Maintenance Repairs
18515-7A Henson Boulevard, Hagerstown, MD 21742 (717) 816-4835

Date: 6/04/13 TACH:1243.7 TT: W.O# 613

N 53073 Make: Cessna Model:C177RG S/N 177RG1337

Description:
Preformed Annual Inspection. Compressions: #1 76/80 #2 77/80 #3 78/80 #4 75/80, Replaced sniffer valve drain tube, Cleaned and gap spark plugs. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

Terry M. Johns
Terry Johns IA 002774386

Terrys A&P Services

C-177RG s/n 177RG1337 ACTT 3334.7 Engine TT 1301.1
N53073 Hobbs:1642.5 6/19/14 T.M.J.

Preformed annual inspection. Compression: #1 68/80 #2 72/80 #3 63/80 #4 73/80. Replaced sparkplugs, Replaced all sparkplug leads. check an lubed all engine controls

I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. Terry M. Johns 002774386IA

Terry M. Johns

DATE

19__

Terrys A&P Services

ALTERATIONS
(DATE NUMBER OF
SPECIFIC ENTRIES.)

Installed rebuild alternator 28 volt 60 amp.
S/N A124547 P/N DOFF10300B. Installed new
voltage regulator 28 volt P/N C611004-0101.
Installed new yellow mag harness P/N (D4-15)
67H21450. Installed new spark plugs fine wire
URHM38S.

Terry Johns 002774386 IA.

8/1/14

Terry Johns

6/30/15

ACTT

3418.5

SMOH

1384.9

I certify that this engine has been inspected

in accordance with a FAA inspection and

was determined to be in an airworthy condition.

Tach Time 3418.5 Date 6/30/15

Total Time 1384.9 Signed *Terry Johns*

Terry M. Johns A&P #2774386

Terry Johns

#1 #2 #3 #4

Compression 73, 75, 69, 72

002774386 IA

DATE **RECORDING TACH TIME** **TODAYS FLIGHT** **TOTAL TIME IN SERVICE** **DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS**
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

2016
 4/15 20.1 CHANGED ON & OIL FILTER. ADDED Aerosol
 15W50 OIL. ENGINE GROUND RUN & LEAK
 CHECK SATISFACTORY
 J. Carle Jr A#82758458

~~Empty table rows with a diagonal line drawn across them.~~

NS3073

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------	---------------	-----------------------	--

2016
7/20 31.8 / 3377.1

SMOH = 1482.5
 PERFORMED ANNUAL INSPECTION PER HAI CHECKLIST I/A/W FAR 43, APPENDIX D. AD'S CHECKED THRU 2016-13. CLW ADS: 09-02-03 LEAN ENGINE PERK INSPECTION, DUE AGAIN @ 81.8. 15-19-07 INJECTION LINES PER INSP. DUE AGAIN @ 131.8. CHANGED OIL & OIL FILTER. ADDED AEROSHELL 15W50 OIL. SERVICED SPARK PLUGS. REPLACED INTAKE GASKET #71973 & SEAL 77569 ON #1 CYLINDER. ENGINE GROUND RUN & LEAK CHECK SATISFACTORY.

HOWARD AIRCRAFT INC.
 2145 Kelly Island Rd.
 Martinsburg, WV 25405-2778

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

SIGNED *A. Carls Jr* CERT. # ADP2758458 IA

DATE 19__ RECORDING TACH TIME TODAYS FLIGHT TOTAL TIME IN SERVICE DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)

13a. Certifies the items listed below

1. Approving Civil Aviation Authority/Country: 2. FAA/United States

4. Organization Name and Address: Modified Aircraft Accessories, Inc. 800 Brooks Forrest Road B...

6. Item: 1 Ford Alternator

7. Description: 8. Part Number: DOFF103000F

12. Remarks: The work specified on Work Order 15278 included the following: Manufacturers Specifications: D5107-1-13

5006-21

with the

Country

ate No.:

Block 11
de of
oved for

Block 12

AUTHORIZE

FAA Form 81

ATIONS
NUMBER OF
C ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF ENTRIES.)
------	---------------------	---------------	-----------------------	--



RELIABLE JET MAINTENANCE, LLC.
3900 AIRPORT RD. HANGAR 1, BOCA RATON, FL 33431

561-417-3834

Date:	September 22, 2020	Registration:	N53073
Work Order:	20-19740	Aiframe S/N:	177RG-1337
Aircraft Total Time:	4500	Aircraft Total Cycles:	100

ENGINE LOG ENTRY

Performed the following Maintenance:

1. Gained access and removed 4ea cylinders {p/n: LW-12993 s/n: 009Y8003, 17018T07, 16318T09, 17118T07}. Reinstalled repaired 4ea cylinders {p/n: LW-12993 s/n: 009Y8003, 17018T07, 16318T09, 17118T07}. Returned engine back to original configuration. Installed a new Propeller {p/n: HC-C3YR-1RF/F7282 s/n: PA1836B} IAW STC# SA1556GL and a new Spinner Assembly {p/n: C-4582-P s/n: 2002349/2002491}. Performed operational and leak checks with no defects to note. All work done with reference to Hartzell Propeller Owner Manual and Textron 1770RC Maintenance Manual Chapter 13, Lycoming Operator's Manual 0-360 and Associated Model Section 5.
2. Replaced seal on vacuum pump with a new seal {p/n: 06A19956} and gasket {p/n: 8313}. Work performed IAW Textron parts catalog 177RG Maintenance Manual chapter 15-10 and Lycoming IO-360 MM. Operational checks good with no defects to note.

The engine described in Work Order# 20-19740 is certified airworthy and approved for return to service for work performed 14 CFR 43.9 (a)(4) and in accordance with current Federal Aviation Regulations.

Chris Rukavina

For

Reliable Jet Maintenance, LLC. CRS# LCPR025G

Created By: UL

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

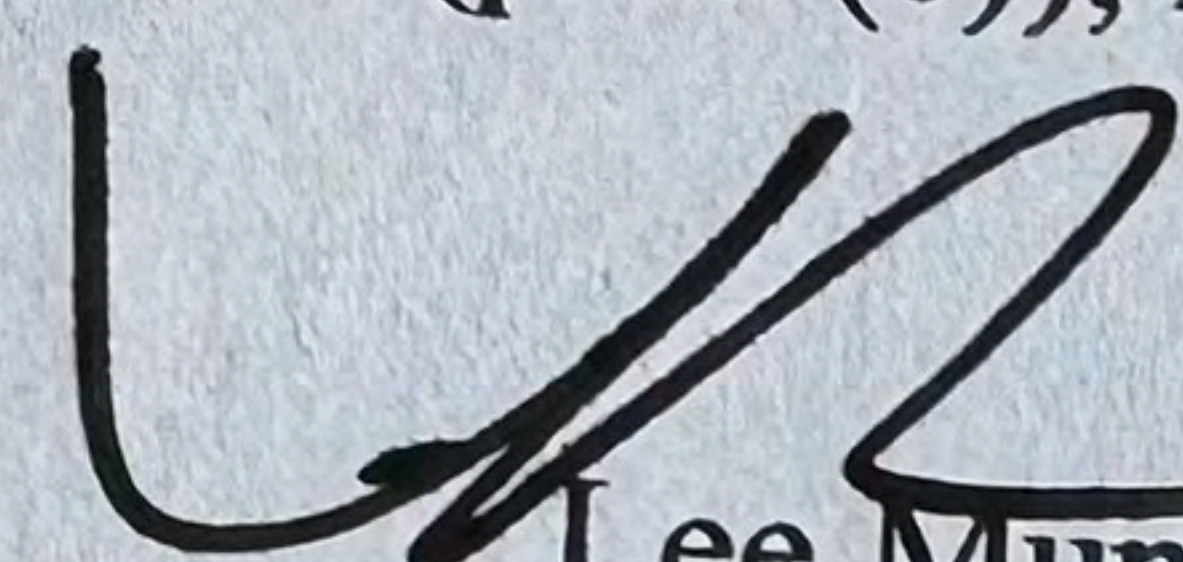


3689 Industrial Park Drive,
Marianna, FL, 32423
<https://nevilleaviation.com>

07Nov 2022 0266.1 Tach.

N53073

C/W AD 2015-19-07 by inspection (para (e)), next due
0266.1 Tach.


Lee Munshower
AP167666230

R OF
RIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------------	------------------	-----------------------------	--

19__



3689 Industrial Park Drive,
Marianna, FL, 32423
<https://nevilleaviation.com>

15 Apr 2023 Tach. 0266.6

N53073

Found previous damage repairs due to a gear up landing, Repairs made by James J Fleming of Best Aviation, Inc. 6213 Boynton Beach, FL 33437. The engine, IO-360-A1B6D S/N L-20791-51A, was removed and reinstalled for propeller strike inspection/overhaul. The propeller was removed and replaced with model HC-C3YR-1RF/F7282 S/N PA1836B.


Lee Munshower

AP167666230

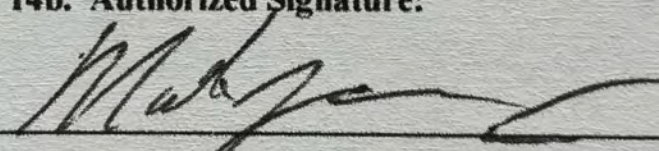
1. Issuing Civil Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: WO1455
---	---	------------------------------------

4. Organization Name and Address: Tropic Airpower 20600 SW Citrus Blvd Indiantown, Florida 34956 United States 561-964-8770	5. Work Order/Contract/Invoice Number: WO1455
--	---

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	LYCOMING POWER PLANT	IO-360-A1B6D	1	L-20791-51A	OVERHAULED

12. Remarks: This engine has been dissassembled, cleaned, inspected, OVERHAULED and test run successfully PER LYCOMING SERVICE MANUAL 60294-7
This OVERHAUL was performed using Lycoming approved procedures and Lycoming genuine parts and or FAA-PMA Approved parts .

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.
---	--

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: T7KR187Y
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Mark Young	14e. Date October 4, 2018

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a 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.