

LEFT
Engine
Book #2

TELEDYNE CONTINENTAL



Gold Medalion Aircraft Engine

REBUILT ENGINE LOG

15245C

AIRCRAFT N NUMBER

10-520-MB11

ENGINE MODEL NUMBER

266007R

ENGINE SERIAL NUMBER

mation

and Technical Publications
a direct mail basis from the
must be prepaid. Send for
II (205) 438-3411, publica-
for information.

This engine model TOS20MB1, Serial No. 246007R,
was rebuilt on 12-16-85 by Teledyne Continental Motors in
accordance with approved design data and the applicable requirements
of Part 21 of the Federal Aviation Regulations. The approved design data
for this engine incorporates all changes required by applicable Air-
worthiness Directives and Teledyne Continental Motors Service
Bulletins.

TELEDYNE CONTINENTAL MOTORS

Walter Page

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

Left
Engine

ENGINE DESCRIPTION

TYPE H- opposed - MODEL I0-520-mB1 SERIAL NO. 266007-R

RATED H.P. 285 MAXIMUM H.P. 285

RATED R.P.M. 2700 MAXIMUM R.P.M. 2700 OIL PRESSURE _____

BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____

COMPRESSION RATIO _____ GEAR RATIO _____

PROPELLER _____ HUB DESIGN _____ HUB SERIAL NO. _____

BLADE DESIGN _____ BLADE SERIAL NO. _____ BLADE SERIAL NO. _____

MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____

PITCH _____ DIAMETER _____ LENGTH _____

OWNERS NAME _____

ADDRESS _____ CITY _____ STATE _____

46

DATE	R.P.M.		TIME ON GROUND			Hrs.
	Ground	Air	Hrs.	Min.	Total	
12-24-85	At Ham	Miles	2	30		
	Model	3102	N	30		
	new load	mount				
	engine	accessories				
	side	Run				
	checked	and				
	up	for				
FINAL INSPECTION WORK ORDER DATE <u>12-24-85</u> <u>Paul Fournet</u> Authorized Inspector PAUL FOURNET AIR SERVICE REPAIR STATION NUMBER 2 MUNICIPAL AIRPORT, LAFAYETTE						
BROUGHT FORWARD						
TOTALS						

4 H eggs

NO. 266007-R

PRESSURE _____

CEMENT _____ CU. IN. _____

RATIO _____

SERIAL NO. _____

SERIAL NO. _____

4 _____

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Tot.
86					
	Change oil and				
	@ 60/80 @ 65/80				
	spark check				
I CERTIFY THAT THIS ENGINE IS					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMINE					
WORTHY CONDITION.					
TOTAL TIME		Same Me			
ENGINE		100 hr			
WORK ORDER		3547			
DATE		2-20-86			
		Whitney J.			
		Authorized Signa			
		PAUL FOURNET AIR 86			
CERTIFICATE REPAIR STATION					
BROUGHT FORWARD					
MUNICIPAL AIRPORT, LA					
TOTALS					

TS	SIGNATURE	LICENSE NUMBER
il and filter. sump with owt. Mineral was gms run wheel. Approved Service. -END-	George Ouyá	4359678670

[illegible]

DATE	R. P. M.		TIME ON GROUND				TIME IN AIR				TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.					
3-28-56	14m		758										Replaced 50 in impeller, changed oil and filter, draining 11 qt. and 6 qt. SPAT. oil and 16 qt. of 40 wt. oil. Checked ground wire linkage. Spent 4 1/2 calls.		
													Donald E. Brown		
													PP 43782596		
BROUGHT FORWARD															
TOTALS															

DATE	R. P. M.		TIME ON GROUND		
	Ground	Air	Hrs.	Mins.	Total
12-12-12	Cherokee and				
	0640	0730			
I CERTIFY THAT THIS ENGINE IS IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN A WORTHY CONDITION.					
TOTAL TIME			1 hour	10	
ENGINE	202				
WORK ORDER	4443				
DATE	1-13-86				
Authorized Signature					
PAUL FOURNET AIR NAV					
CERTIFICATE REPAIR STATION					
BROUGHT FORWARD AIRPORT, LAB					
TOTALS					

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-17-86													
Ham Meter 810 TT engine 202h - "continued from the Previous Page" whitley T. Saway APL 1652858, engine running ok fuel injectors ok CW Barrell 86-02-07 on alternator Barrell by injectors due 100 hr interval, work engine run-up checked ok inject engine case and cylinders for cracks. None found. Please refer to the being this book for the AD Note Compliance Read End-													
7-21-86													
changed oil and filter - run 450 hrs. work engine - run 450 hrs. ground check ok. engine 50 hr interval - 1 hr meter 810. 1/2 inch Barrell 86-13-04.													
7-21-86													
CW Barrell 86-13-04. cylinder Barrell to fuel injectors ok by injectors ok due 50 hr interval engine has 400 hrs. then direct 100 hr interval. whitley T. Saway APL 1652858 HM- 860													
BROUGHT FORWARD											17 engine = 352 h.		
TOTALS											W.S. Saway APL 1652858		

DATE	R. P. M.		TIME GROUND	
	Ground	Air	Hrs.	Mins.
86				
Charge oil and found - 4W Barrell 86-02-07 on alternator Barrell by injectors due 100 hr interval, work engine run-up checked ok inject engine case and cylinders for cracks. None found. Please refer to the being this book for the AD Note Compliance Read End-				
I CERTIFY THAT THIS ENGINE IN ACCORDANCE WITH A INSPECTION AND WAS DETE WORTHY CONDITION.				
TOTAL TIME			450	
ENGINE			(TSRB = 302)	
WORK ORDER			473	
DATE			7-2	
whitley T. Saway APL 1652858				
Authorized Signature PAUL FOURNET AIR				
CERTIFICATE REPAIR STATION BROUGHT FORWARD MUNICIPAL AIRPORT, TOTALS				

ENGINE LOG

[illegible]

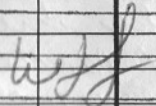
ENGINE LOG

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
10-20-86					
I CERTIFY THAT THIS ENGINE HAS					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMINED					
WORTHY CONDITION.					
TOTAL TIME					
ENGINE					
WORK ORDER					
DATE					
Authorized Signature _____ PAUL FOURNET AIR SERVICE CERTIFICATE REPAIR STATION TOTALS MUNICIPAL AIRPORT, LAFA					

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
10-20-86											Replaced vacuum pump with an identical pump P/N 212CW			
											5/15/03AB001372			
											donald E. C. Blum			
											AE 143782867			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED														
IN ACCORDANCE WITH A														
INSPECTION AND WAS DETERMINED TO BE IN AIR-														
WORTHY CONDITION.														
TOTAL TIME														
ENGINE														
WORK ORDER														
DATE														
 Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.														

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

ENGINE

WORK ORDER

DATE _____

Authorized Signature

PAUL FOURNET AIR SERVICE, INC.

BROUGHT FORWARD
 CERTIFICATE REPAIR STATION NUMBER 2225

MUNICIPAL AIRPORT, LAFAYETTE, LA.

$\frac{2}{14}$ 11-12

1-12-87

BROUGHT FORWARD

Authorized Inspector

TOTALS

PAUL FOURNET AIR SERVICE, INC.

REPAIR STATION NUMBER 2222

44

ENGINE LOG

SIGNATURE	LICENSE NUMBER
-----------	----------------

Det oil.
 3/20(6) 73/80
 plug checked may
 be intake and
 vent engine mounts
 by inspect engine
 at fuel and oil
 2. Fuel problem
 1 OK, 4 WAD rate
 10. ok By inspection
 and main
 76-07-07 by inspection
 C/W AD rate 86-13-04 R2
 engine in cylinder
 vent run up checked
 For the AD rate

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
1-12-87	Aircraft Hours Meter = 1062 h					Engine Total = TSRB = 454 h					C/W AD rate - 86-13-04 R2 By			
											inspecting cylinder to cylinder			
											Base & head for inspection on			
											cracks as prescribed - found no			
											Decreasing - one at 500 hr interval			
											Replaced the engine oil cooler installed oil cold cooler P/N			
											635296 - Service No. - 377 - - change oil and oil filter -			
											until still 500 hr interval. work engine Run up checked ok			
											visually inspect fuel and oil lines for leaks ok no			
											Decreasing found engine controls and mounts ok -			
											acceleration found ok. Re check engine.			
FINAL INSPECTION WORK ORDER 515.2											Whitney J. Lang			
DATE	1-12-87										Art 11/2/87			
BROUGHT FORWARD														
Authorized Inspector														
PAUL FOURNET AIR SERVICE, INC.														
REPAIR STATION NUMBER 2225														

LI
AC
FAA
ST/

4H

Engine



C310R

45C

HM-1062

Serving Every State In The United States

**SERVICEABLE
SOUTHWEST COOLER SERVICE**

125 West Burrell
DALLAS, TEXAS 75232

CUSTOMER Paul Fournet Air Sv

Part Name Oil Cooler

Mfg. By Harrison

Part No. 635996

Serial No. 3 77

Repaired By LB

Date May 8, 1979

Insp. By [Signature]

The aircraft and / or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

FOR
310N
70510M

Pertinent details of the repair are on file at this agency under Work Order

Cert. No. 2116516

Time Since Overhaul 0

Repair Order No. 6273

Date May 8, 1979

Signed [Signature]

44

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Tot.
5-1-87					
BROUGHT FORWARD					
TOTALS					

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. TOTAL TIME _____ ENGINE _____ WORK ORDER _____ DATE _____ Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA 2225 MUNICIPAL AIRPORT LAFAYETTE, LA.													
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
I CERTIFY THAT THIS ENGINE IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED WORTHY CONDITION. TOTAL TIME _____ ENGINE _____ WORK ORDER _____ DATE _____ Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA 2225 MUNICIPAL AIRPORT LAFAYETTE, LA.								
BROUGHT FORWARD								
TOTALS								

ENGINE LOG

[illegible]

44

[illegible]

464

filter and shed
chick ① 7/180
4/20 ② 7/180
1 egg mail
2 young ch
outlet twice
2 new comb
1 first injector
1 nest box
long
10557

[illegible]

[illegible]

R.P.M.		TIME	
Ground	Air	Hrs.	Mins.
DATE		TIME	
87		14-87	
Change oil		air filter	
① 74/100 ②			
I CERTIFY THAT THIS ENGINE			
IN ACCORDANCE WITH A			
INSPECTION AND WAS DE			
WORTHY CONDITION.			
TOTAL TIME			
ENGINE T5RB =			
WORK ORDER 621			
DATE 12-14			
Whitney			
Authorized			
PAUL FOURNET			
CERTIFICATE REPAIR			
BROUGHT FORWARD			
MINERAL AIRPO			
TOTALS			

ENGINE LOG

[illegible][illegible]

[illegible][illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
4-11-81											change oil & filter used Shell 50 into hot oil comp checked			
			① 7480			② 7480			③ 7480		④ 7480	⑤ 7580	⑥ 7580	Disassembled
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr. annual inspection AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. Hour meter = 1500														
TOTAL TIME														
ENGINE T5RB = 8921														
WORK ORDER 6580														
DATE 4-11-81														
Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 BROUGHT FORWARD BY AIRPORT, LAFAYETTE, LA.														
TOTALS														

[illegible]

ENGINE LOG

	SIGNATURE	LICENSE NUMBER
oil	Comp chief	
	Installed	
yes.	Chief may	
get the entire		
items found ok		
only injection and		
excess accuracy		
re maint. & load		
injection - inject		
oil level on the		
next found ok no		
good - when exp.		
ch. eyes pump		
inject for fuel a		
- See Manual Book		
to implement and		
and		
End		

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
6-30-88											Change oil and oil filter and Shell 50 wt. Det oil - open removed oil filter inserted For metal on Valve found. Comp checked @ 76/80 @ 75/80 @ 77/80 @ 76/80 @ 77/80 - Cleaned and got spark plugs checked Mag timing OK insert the intake and Exhaust System OK - insert the fuel and oil lines - OK - pressure checked engine fuel system no leaks - engine mounts + load mounts OK By inspection, clean the fuel tumble screen. cleaned engine air filter OK, filter due to replace. ment at 1000 hrs. all engine controls OK, By inspection, engine running OK. Cowl Flaps OK "continued" In the next page			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED														
IN ACCORDANCE WITH A 100-hr.														
INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. HM = 1600														
TOTAL TIME														
ENGINE TSRB = 992:1 hrs.														
WORK ORDER 6847														
DATE 6-30-88														
Whitney T. Saway														
Authorized Signature														
PAUL FOURNET AIR SERVICE, INC.														
CERTIFICATE REPAIR STATION NUMBER 2225														
BROUGHTON MUNICIPAL AIRPORT, LAFAYETTE, LA.														
TOTALS														

		R.P.M.	TIME	
DATE			GRO	MIL
88				
30-88	" Hm = 1600			
	Ca AD mt. 76			
	Due West at 1700 hr			
	By inspection of			
	Am Reading of 17			
	engine Run in			
	Cylinder Record			
88				
8-2	How Meter			
			Thy	
TSC 043.8			Aves	
			F.C.	
BROUGHT FORWARD				
TOTALS				

ENGINE LOG

[illegible]

ENGINE LOG 44

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
88													
9/9/88	Aircraft	Harv Meter	2			1700			hr.				
	Engine	T.S.R.B. =	-			1092.1			hr.				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. TOTAL TIME <u>Plc Harv Meter</u> <u>1700</u> ENGINE <u>T.S.R.B. =</u> <u>1092.1</u> WORK ORDER <u>7057</u> DATE <u>9-9-88</u> <u>Whitney</u> <u>James</u> Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE, LA.													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
88								
10-11-88	Aircraft	Harv						
	Engine	T.S.R.B.						
open removed oil filter fuel line ok accessories ok by engine								
FINAL IN								
DATE								
P.								
BROUGHT FORWARD								
TOTALS								

4/6/4

and oil filler
50 wt. SAE oil
75/80 (A) 67/80 (B) 75/80
(C) 75/80. Check and
change. Plug timing
valves Exhaust and intake
and oil line ok and
accessories all ok
Caulking ok
ok - engine completely
ok. engine runs up
smoothly for 10 min
and. See Road (this
is 10 min compliance
have Road. engine
ok by inspection

10-11-88	Aircraft	Hours Meter =	1750.8	accomplished 50 hr engine
	Engine	T S R B =	1142.9	changed oil and oil filter
				used Shell 50 wt. Jet oil -
	open removed oil filter inspect for metal. ok none found. Pressure check			
	flex fuel line ok. oil line ok. engine controls Exhaust intake and			
	accessories ok by inspection. wash engine. Run up checked ok.			
	Run - 10 inspect engine for leaks after Run up no leak. Secured			
	engines.			
	FINAL INSPECTION WORK ORDER <u>2170</u>			
	DATE	<u>10-11-88</u>		
		<u>Whitney T. Savoy</u>		
		Authorized Inspector		
		PAUL FOURNET AIR SERVICE, INC.		
		REPAIR STATION NUMBER 2225		
		MUNICIPAL AIRPORT, LAFAYETTE, LA.		
BROUGHT FORWARD				
TOTALS				

DATE

11-7-88

installed

FQCI-1



4th engine #1 cylinder position Eng TSRB-

Wm - 1800

1192.12

1st **Quality Cylinders, Inc.**

931 West Laurel

San Antonio, Texas 78201

W. Soney

REPAIR STATION NO. 268-111

ITEM

CONTINENTAL

CYL. ASSY.

PART No.

646657

SERIAL No.

3

DISPOSITION

NITRALLOY GUIDE

SIGNED

D. Brady

DATE

11/3/81

SERVICEABLE

NITRALLOY GUIDE

MAINTENANCE RELEASE

MAKE CONTINENTAL SERIAL NO. 3

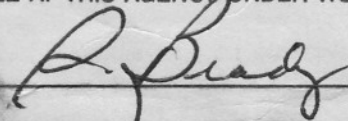
MODEL EO-520 UNIT NAME CYL. ASSY.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE

REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 14388

DATE: 11/3/88

SIGNED



FOR

1st QUALITY CYLINDERS, INC.

931 West Laurel

REPAIR STATION NO. 268-111

San Antonio, Texas 78201

2/14

11-2-88

• average $H_m = 1800$

TOTAL	TIME
-------	------

ENGINE

~~WORK ORDER~~

DATE _____

Authorized Signature

PAUL FOURNET AIR SERVICE, INC.

CERTIFICATE REPAIR STATION NUMBER 2225

BROUGHT FORWARD

TOTALS

REPAIRS - ADJUSTMENTS

SIGNATURE

LICENSE
NUMBER

and shell 50 wt. Net oil -
Metal Valve Fand - comp checked
① 70/80 ② 30/80 ③ 70/80 ④ 70/80
⑤ 70/80 ⑥ 70/80. Remmed #2 cylinder
from the engine - and Replaced the
cylinder with a chromed studs
assembly - with valves in cylinder
and new set of rings and wrist
and gaskets - cylinder supplied by
Quality Cylinder Inc. cylinder
IN = 646657 - Serv # 3 see
Attached yellow tag - drawn
and gapped spark plugs -
checked Mag timing on engine
the intake and Exhaust system on
engine controls and accessories etc
"Continued on the next page
Whitney & Sons

Ad 145285

11.2-88

BROUGHT FORWARD

TOTALS

44 ENGINE LOG

SIGNATURE	LICENSE NUMBER
B. Det ail -	
comp chief	
7/80 (W) 7/80	
Demond # 2 cylinder	
and replaced the	
chemical studs	
valves in cylinder	
is and with	
is supplied by	
one cylinder	
# 30 see	
tag - changed	
oil plugs -	
oil insert	
out system ok	
accrue oil	
next page	

[illegible]

44 ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2-21-89	89										Change oil and oil filter used Shell 50 wt. Put all comp checked @ 75/80 @ 75/80 @ 75/80 @ 75/80 @ 75/80 - all ok Clean and gap spark plugs - Mag timing checked ok. inspect intake System ok - inspect Exhaust System - Replaced the ant-hood Exhaust collector Riser assembly - with new gaskets on installation of Riser - engine mounts, controls and accessories found ok. Pressure checked all fuel lines in engine compartment Found no leakage - "Continued on the next page"		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr annual INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. HM = 1900 h.													
TOTAL TIME													
ENGINE TSPB = 1292.1 h.													
WORK ORDER 7461													
DATE 2-21-89													
Whitney T. Savoy Authorized Signature PAUL FOURNET AIR SERVICE, INC. BROUGHT FORWARD CERTIFICATE REPAIR STATION NUMBER 2225 TOTALS MUNICIPAL AIRPORT, LAFAYETTE, LA.													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
2-21-89	89					Change oil and oil filter used Shell 50 wt. Put all comp checked @ 75/80 @ 75/80 @ 75/80 @ 75/80 @ 75/80 - all ok Clean and gap spark plugs - Mag timing checked ok. inspect intake System ok - inspect Exhaust System - Replaced the ant-hood Exhaust collector Riser assembly - with new gaskets on installation of Riser - engine mounts, controls and accessories found ok. Pressure checked all fuel lines in engine compartment Found no leakage - "Continued on the next page"		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr annual INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. HM = 1900 h.								
TOTAL TIME								
ENGINE TSPB = 1292.1 h.								
WORK ORDER 7461								
DATE 2-21-89								
Whitney T. Savoy Authorized Signature PAUL FOURNET AIR SERVICE, INC. BROUGHT FORWARD CERTIFICATE REPAIR STATION NUMBER 2225 TOTALS MUNICIPAL AIRPORT, LAFAYETTE, LA.								

4th

oil filter used
with comp
7/30 @ 7/30
7/30 - all ok
spare plug -
checked ok.
tem ok - Ingeet
Replaced the
oil collector
with new
kind of filter -
whole and
ok. Pressure
line in engine
No Degreasing -
next step

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
89													
2-21-89	89	Aircraft	Hours	Miles		1900 h					Continued from Chap. Henry's Page		
		Engine	TSR	B		1292.1 h					Whitney J. Savoy		
											A+P 1452858		
Insert the oil drain in engine compartment for condition and look Found No emergency, clean fuel tank's screen, clean and insert engine air filter ok engine cambering ok Except made a minor sheet metal repair lower front in back corner of cowling where a crack had progressed engine Buffer and seal ok 1/4 AD note 86-13-04 R3-Admed 39-5555 by injection of cylinder for cracks and operation found No emergency due By engineer at work interval due was when HWS 2000 h on Ely TSB-1392.1 h Wash engine Run up checked ok Reinsert for fuel and oil levels ok none found Please Refer to the Rear of this Book for the AD note Compliance and Compliance Record End													

44

DATE	R.P.M.		TIME	
	Ground	Air	Hrs.	Mins.
87 5-26-89	Aircraft		14	00
	Engine		7	30
I CERTIFY THAT THIS ENGINE IN ACCORDANCE WITH A INSPECTION AND WAS DEEMED WORTHY CONDITION.				
TOTAL TIME				
ENGINE	TSRB =			
WORK ORDER	7713			
DATE	5-26-89			
Authorized Signature PAUL FOURNET				
BROUGHT FORWARD BY				
CITY OF LOS ANGELES				
MUNICIPAL AIRPORT				

44

ENGINE LOG

SIGNATURE	LICENSE NUMBER
<i>replaced</i>	
<i>checked reads</i>	
<i>(2) 75/80 (3) 74/80</i>	
<i>cleaned</i>	
<i>nozzles</i>	
<i>running</i>	
<i>run up</i>	
<i>able to run</i>	
<i>Smith</i>	
<i>7229</i>	

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5-26-89											Change oil & filter, and sheet 52 out & put in.		
											Comp Ch. (1) 74/80 (2) 73/80 (3) 75/80 (4) 75/80 (5) 75/80		
											(6) 74/80 - may have checked oil at 1000 and		
											intake system ok. Installed new set of spark		
											plugs - engine controls and accessories ok		
											measured oil, fuel and oil from engine		
											Compartment Found ok. Clean fuel tanks, remove oil		
											Install new engine air filter in the AD unit		
											86-76-02 - due by placement next action 4. 1 hr = 2500.4 h.		
											and inspect next 1000 hours in 2100.4 h. Wash		
											engine then up checked oil - Re engine for fuel		
											and oil leak, insert crank case for		
											crack at nose found coming in		
											card Flex ok. See Repair of this Prop		
											for the AD note compliance and		
											compliance Record		
											End		

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 h.
INSPECTION AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION. HM = 2000.4 h.

TOTAL TIME 1392.5 h.
ENGINE T S R B = 1392.5 h.
WORK ORDER 7714
DATE 5-26-89
Authorized Signature Anthony J. Sweeney
PAUL FOURNET AIR SERVICE, INC.
BROUGHT FORWARD
CERTIFICATE REPAIR STATION NUMBER 2225
MUNICIPAL AIRPORT, LAFAYETTE, LA.

ENGINE LOG

[illegible][illegible]

MEMORANDA

Page 1
(75RB)

DATE	AD Note	and Time	PEP	Hour meter	Total Time	Total Length	
9-2-86	76-02-07		X	9:0	302	302	confluence method + signatums
9-2-86	84-26-02		X	9:6	302	302	alternator bearing 100 ft and early migration ok - relatively satisfactory at 14:52:58
10-9-86	86-13-04		X	9:60.4	353.4	353.4	popover after day 100 ft with early migration ok - alternator bearing 100 ft at 14:52:58
11-12-86	72-02-07		X	10:10	402	402	early migration ok. due at 50 ft. internal ok - alternator bearing 100 ft at 14:52:58
11-12-86	86-13-04		X	10:10	402	402	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
11-12-86	84-26-02		X	10:10	402	402	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
1-12-87	86-13-04		X	10:6.2	454	454	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
1-12-87			X	10:6.2	454	454	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
3-13-87	86-13-04		X	11:10.0	502	502	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
3-12-87	76-02-07		X	11:10.0	502	502	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
6-4-87	86-13-04		X	12:10	602	602	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
6-4-87	76-02-07		X	12:10	602	602	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
9-4-87	76-02-07		X	13:08.6	700.6	700.6	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
9-4-87	86-13-04		X	13:08.6	700.6	700.6	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58
9-4-87	84-26-02		X	13:08.6	700.6	700.6	100 ft internal ok. alternator bearing 100 ft migration ok - alternator bearing 100 ft at 14:52:58



LEFT Engine Log Book # "2"

ENGINE MAINTENANCE RECORD

2

AIRCRAFT SERIAL AND REGISTRATION 1523 Cessna 310R N5245C

ENGINE MODEL AND SERIAL 10-520-MB1 SIN 266007-R

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Letters and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

Copyright © 1984

MAINTENANCE RECORD

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS	10ths		
1491	8	<i>Aircraft Hour Meter 2089.7 Change oil and oil filter</i> <i>Eng TSRB = 1491.8 used Shell 60 wt Det oil</i> <i>comp checked ① 73/80 ② 75/80 ③ 74/80 ④ 73/80 ⑤ 74/80 ⑥ 74/80</i> <i>Clean top spark plug, magnesium check of intake & Exhaust System ok</i> <i>engine mounts ok clean fuel tank screen -</i> <i>insert engine air filter in compliance with</i> <i>AD note 84-3603 the work of insert fuel</i> <i>and oil lines in the engine compartment ok</i> <i>engine controls ok accessories ok Poppin ok</i> <i>checking oil, can AD note 76-13-04 R2 D7</i> <i>inspect cylinder for cracks and operation ok</i> <i>NO discrepancy found. due at 100 hr intervals</i> <i>Wash engine Runway checked ok -</i> <i>Please see the Record log Book #1 and</i> <i>this log Book for the AD note</i> <i>compliance and compliance record</i> <i>Fr</i>	
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. DATE <u>8-10-89</u> Signature <u>Arbitrarily J. Dewey</u> Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA			

Accessories Inc.

205 E. Lewis Wichita, KS 67202

FAA Certifies R.S. # 364-89

Unit Name Tach Generator Ser. No. 98329

Type MS25038-2 Mfg. LSI

☒ Overhauled ☐ Repaired ☐ Functional Tested Only

The Component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with regard to work performed is approved for return to service. Pertinent details of the repair are on file at this Agency under Work Order # 8964R

P.O. # 19172-I Date 5/4/89

Signed *[Signature]* **2379856**

MAINTENANCE RELEASE

MAINTENANCE RELEASE

COMPONENT Tach Generator SERIAL NO. 98329

PART/MODEL NO: MS25038-2

☐ Overhaul ☐ Repair ☒ Bench Ck & Test ☐ New

The Aircraft Appliance identified above was overhauled, repaired and bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # 14230 Date 6-7-89

Authorized Signature *[Signature]*

SERVICED BY
CASTLEBERRY



Instruments & Avionics, Inc.
A Subsidiary of The **BFGoodrich** Company
817 Dessau Rd.
Austin, Texas 78753-9710
Phone (512) 251-3441



FAA Repair Station No 3812
FAA Manufacturer's Maintenance Facility 243-13

Serviceable Part Tag

CUSTOMER

Paul Jounet Air Services

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19/8			in meter - 2149.2 change oil & filter - wash engine run up at 1000 RPM - 10-3-89 Paul J. Bourne #1900083	
10/6 89	HM. 2155.4		Removed and replaced 1/4 engine tachometer generator using repaired generator of same type 1/4-N-MS25038-2, 1/4-98329. Installed & secured tach. gen. & performed operational check. dash. Generator was found to be operating properly at this time. HM=2155.4 A#P438808099 Kottl. Lawrence	

Eng. 4 H

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19/8 1590	4		Aircraft Hour Meter: 2198:3 change oil and filter, wash shell Eng. TSRB - - - - - 1590.4 50 wt. Det. oil Comp checked @ 74/80 @ 73/80 @ 74/80 @ 69/80 @ 74/80 @ 72/80 - clean and gap spark plugs - checked mag timing ok, inspect the intake and Exhaust System ok, engine baffles ok, all engine controls ok, engine accessories ok, inspect the first and oil line found ok, engine mounts ok - inspect the engine air filter ok like new, inspect the engine clank case for cracks none. Chassis 8617-04 & 3 By inspecting cylinder for cracks and operation from steel bowl found no discrepancy, cam flaps ok clean fuel timble screen and main fuel screen. wash engine then up checked ok Re inspect for fuel leaks and oil leaks none found - secured the engine again cam fastener that were loose - Please refer to the Rec of log book #1 and the log book for the AD note compliance and compliance record end	
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr annual INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. HM=2198:3 h.				
TOTAL TIME			TSRB = 1590.4	
ENGINE			8156	
WORK ORDER			11-15-89	
DATE			Whitney J. Sarvey	
			Authorized Signature	
			PAUL FOURNET AIR SERVICE, INC.	
			FAA CERTIFIED REPAIR STATION HFBR633E	

Frz 44 MAINTENANCE RECORD

DATE 19 <u>90</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>8/3</u>			Hawthorne Ocala, Inc. (904) 237-7920 L/H 8-3-90 HOBBS 2268.3 CHANGED OIL, REPLACED OIL FILTER, ADDED 12 QTS AERO SHELL 100W. WASHED DOWN ENGINE & RUN. CUT OPEN FILTERS FOUND NO METAL C. N. Class 1483920	

MAINTENANCE RECORD

DATE 19 <u>90</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>12/8</u>			Performed Annual inspection as per Cessna inspection guide. Changed oil + filter. Cleaned and gapped plugs. Performed Compression Check. Checked all lines and controls. Washed engine. ground ran. no oil leaks detected	
			Ivan L. Batterm 338-18-6384 1A <i>Ivan L. Batterm</i>	
			Inspected in accordance with a Annual inspection & found airworthy. <i>E. G. Gagne</i>	
			Date <u>Dec 8 90</u> Total time <u>1693.7</u> <u>8034</u> I certify that this <u>E. G. Gagne</u> was inspected in accordance with a <u>Annual</u>	

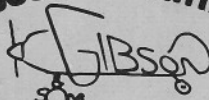
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
JUNE 21 91			HOBBY = 2392.4 TSMCH = 1784.4 ① COMPRESSION WER 20 ② 70 ③ 72 ④ 78 ⑤ 70 ⑥ 74 ⑦ 68 ⑧ CHANGED OIL & FILTER 124/5 50WT DET ⑨ C/W TELETYPE AD # 86-13-03 RJ C/L CRACKING RPT 50 HR. ⑩ RIGID LEFT PROP CENTRE & FEATHER TIME ⑪ FALD WIKS LT PROP ⑫ C/W PRESTOLYTE AD 16-02-07 ⑬ WIFE & INSPECTION OF ACT AND BASEDING ⑭ SECURED LEFT STARTER RST I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W A 100 HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION R Scott Lumbard AIP 264335121	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
91				
7/7	Hobbs 2404.		Removed left Prop for overhaul. Prop has been overhauled by Oceanside Prop w/o 1985. yellow tag attached. ^{see} re-installed prop. Ground tested. Changed RT tire. A+P 2254027 Richard Cam	
	PROP & SHOCK			
	Eng. prob. SHOCK			
	PROP TIS 522.8			

GIBSON - AVIATION



1821 W. Elm
P.O. Box 880
El Reno, OK 73036
Phone (405) 262-4880

Certified Repair
Station AV2R704K

Customer EAGLE AIR SERVICES W.O.# _____
Component CYLINDER Mfg. CONTINENTAL
Part# TC-520 Serial# 48814
Remarks: GUIDES AND SEATS REPLACED AS NECESSARY
M92-8 N/A 91-7 FIL

Serviceable

Overhauled By On Date 4-26-95

RECORD OF REPAIR

bec. manufactured
bec. rebushed
bec. inspected

AIRCRAFT SPECIALTIES SERVICES

2860 N. SHERIDAN
TULSA, OKLAHOMA 74115

PARTIAL MAINTENANCE RELEASE

MAKE CONTINENTAL SERIAL NO. 01
MODEL TS10-520 UNIT NAME CYL ASSY

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 AND REWORK PRIOR TO ITS RETURN TO SERVICE.

DETAILS ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 02810

SIGNED Albert L. Loya FOR



ENGINE COMPONENTS, INC.
9503 Middlex
San Antonio, Texas 78217
REPAIR STATION NO. AG2R689K

COMPLIED WITH TCM SB #M917
CERMICROME TO STD. BORE

LAST ITEM

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

MFGR NAME

Continental

COMPONENT

Pedestal

MODEL

TD520

SERIAL NO.

SS3009-2

Only the work requested by the customer and described on the Job Order reference on the reverse of this tag was performed and inspected in accordance with Federal Regulations and was airworthy. The customer must perform further inspection of the part(s) before use to determine serviceability.

Pertinent details of the work performed are on file at this facility under the Job Number shown below.

WORK ORDER NO.

53009

DATE

11/8/92

SIGNED

RL Menez

**AIRCRAFT
SPECIALTIES
SERVICES**

FAA CERTIFIED REPAIR
STATION NO. DD2R764K

RC ALC

MAINTENANCE RELEASE

The Aircraft Engine Component listed has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for Return to Service. Pertinent information is on file at this agency as required.

Date

4-26-95

Signed

RL

(Authorized

Signature)

WORK ORDER

NO. 951 SERIAL 02

PART NUMBER 635448CP CLASS 71-1

CYLINDER HAS BEEN OVERHAULED BY THE FAA APPROVED PROCESSES AS FOLLOWS:

- Gas CERMICROME ® (AE 87-1 DATED 7/29/87) I.F.R. (EC 9001-2 DATED 3/31/90)
 CERMISTEEL SM (EC 88-11-1 DATED 10/3/90) Gas WELDED (ECI-EFI DATED 7/13/87)
 CHANNELCROMIUM ® (CPI-35 DATED 5/4/66) Gas HEAD PART (PER O.E.M. OVERHAUL MANUALS)
 NEW BARRELED
☐ EC 85-6 (LYC) DATED 4/5/89
☐ EC 88-05 (CONT) DATED 5/18/88

COMPLIED WITH TCM SB-M91-78M92-6
 COMPLIED WITH TCM SB-M85-9

SIGNED

DATE 3-31-92

FOR THE MAKE AND MODEL DESIGNED OF EACH TYPE CERTIFICATED PRODUCT ON WHICH THE PARTS IS ELIGIBLE FOR INSTALLATION. REFER TO ENGINE COMPONENTS, INC., CLASS REFERENCE MANUAL PER F.A.A. PART 45.15 (A) (4)

INSTALLATION OF THIS COMPONENT MUST BE IN ACCORDANCE WITH APPROPRIATE FAA APPROVED TECHNICAL DATA.

BEFORE INSTALLING THIS COMPONENT, BE SURE TO READ THE ECI LIMITED WARRANTY ATTACHED TO THIS PART. BY INSTALLING THIS COMPONENT, YOU INDICATE THAT YOU HAVE READ AND ACCEPT ALL OF THE TERMS OF OUR LIMITED WARRANTY.

THIS MAINTENANCE RECORD COMPLIES WITH THE REQUIREMENTS OF F.A.R. PART 91.173 (a) (1) (i) AND 43.9.

SERVICEABLE

MFGR. NAME Continental
 COMPONENT Control
 MODEL 624720AB
 SERIAL NO. 552319-2

ENGINE

THE AIRCRAFT/COMPONENT 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

WORK ORDER NO. 52319

DATE

SIGNED Ray

AIRCRAFT
SPECIALTIES
SERVICES

FAA CERTIFIED REPAIR
STATION NO. DD2R764K

COMPLIED WITH TCM SB #M91

1. REPAIRED EXH. VALVE SEAT BOSS
2. REPAIRED INTAKE VALVE SEAT BOSS
3. REPAIRED EXH. PORT FACE
4. CERMICROME TO STD. BORE
5. LAST ITEM
- 6.
- 7.
- 8.
- 9.
- 10.

MAINTENANCE RELEASE

THE COMPONENT IDENTIFIED ON THIS TAG WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE OVERHAUL ARE ON THE REVERSE SIDE OF THIS TAG.

SIGNED

J. A. Segura

FOR

ENGINE COMPONENTS, INC.

9503 Middlex
San Antonio, Texas 78217
(512)828-3131

(800)366-3132

Fax (512)828-3716

FAA Repair Station #AG2R689K

EC 122

RECORD OF REPAIR

RECONDITIONED AND REPAIRED IN
ACCORDANCE WITH AIRCRAFT
SPECIALTIES F.A.A. APPROVED
DATA AND PROCEDURES.

*This overhaul complies with
Continental SB 105-124.*

AIRCRAFT SPECIALTIES SERVICES

2860 N. SHERIDAN
TULSA, OKLAHOMA 74115

PARTIAL MAINTENANCE RELEASE

MAKE

CONTINENTAL

SERIAL NO.

MODEL

7510920

UNIT NAME

CYL ASSY

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 AND REWORK PRIOR TO ITS RETURN TO SERVICE.

DETAILS ON FILE AT THIS AGENCY UNDER WORK ORDER NO.

00492

SIGNED

Albert [Signature]

FOR

**ENGINE COMPONENTS, INC.**

9503 Middlex
San Antonio, Texas 78217
REPAIR STATION NO. AG2R689K

EC102B

L ENG

SERVICEABLE

MFGR. NAME Continental
 COMPONENT Crankshaft
 MODEL TS10-520
 SERIAL NO. SS3009-1

ENGINE
 THE AIRCRAFT/COMPONENT 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 WORK ORDER NO. 53009

DATE 1/8/92SIGNED RL Munn

**AIRCRAFT
SPECIALTIES
SERVICES**

FAA CERTIFIED REPAIR
STATION NO. DD2R764K

RC A/C Engines

WORK ORDER

NO. 951 SERIAL 01PART NUMBER 635448CP CLASS 71-1

CYLINDER HAS BEEN OVERHAULED BY THE FAA APPROVED PROCESSES AS FOLLOWS:

gas CERMICROME ®

(AE 87-1 DATED 7/29/87)

I.F.R.

(EC 9001-2 DATED 3/31/90)

CERMISTEEL SM

(EC 88-11-1 DATED 10/3/90)

WELDED

(ECI-EFI DATED 7/13/87)

CHANNELCROMIUM ®

(CPI-35 DATED 5/4/66)

gas HEAD PART

(PER O.E.M. OVERHAUL MANUALS)

NEW BARRELED

☐ EC 85-6 (LYC) DATED 4/5/89☐ EC 88-05 (CONT) DATED 5/18/88

COMPLIED WITH TCM SB-M91-7 & M92-6

SIGNED

Ja Segura DATE 3-27-92

FOR THE MAKE AND MODEL DESIGNED OF EACH TYPE CERTIFICATED PRODUCT ON WHICH THE PARTS IS ELIGIBLE FOR INSTALLATION. REFER TO ENGINE COMPONENTS, INC., CLASS REFERENCE MANUAL PER F.A.A. PART 45.15 (A) (4)

INSTALLATION OF THIS COMPONENT MUST BE IN ACCORDANCE WITH APPROPRIATE FAA APPROVED TECHNICAL DATA.

BEFORE INSTALLING THIS COMPONENT, BE SURE TO READ THE ECI LIMITED WARRANTY ATTACHED TO THIS PART. BY INSTALLING THIS COMPONENT, YOU INDICATE THAT YOU HAVE READ AND ACCEPT ALL OF THE TERMS OF OUR LIMITED WARRANTY.

THIS MAINTENANCE RECORD COMPLIES WITH THE REQUIREMENTS OF F.A.R. PART 91.173 (a) (1) (i) AND 43.9.

PARTIAL MAINTENANCE RELEASE

MAKE CONTINENTAL SERIAL NO. _____MODEL TS10-520 UNIT NAME CYL ASSY

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 AND REWORK PRIOR TO ITS RETURN TO SERVICE.

DETAILS ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 98300-03SIGNED Ja Segura FOR2-26-92

ENGINE COMPONENTS, INC.
 9503 Middlex
 San Antonio, Texas 78217
 REPAIR STATION NO. AG2R689K

EC102B

P/N 649317

L/H

REPAIRED EXHAUST PORT STUD BOSSES

1. REFACE & RESTUD E.P.
2. CERAMIC GROUT TO SEAL PORE
3. COMPLETED WITH TCM 8-M91-7
4. LAST ITEM
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

MAINTENANCE RELEASE

THE COMPONENT IDENTIFIED ON THIS TAG WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE OVERHAUL ARE ON THE REVERSE SIDE OF THIS TAG.

SIGNED J.A. Segura

FOR

ENGINE COMPONENTS, INC.

9503 Middlex

San Antonio, Texas 78217

(512)828-3131

(800)366-3132

Fax (512)828-3716

FAA Repair Station #AG2R689K

EC 122

RECORD OF REPAIR

Magnafluxed and Checked Dimensions, Rods and Main Crank, Polished Journals, Cadmium Plated and Baked Flange, Rebrush C/W blades.

AIRCRAFT SPECIALTIES SERVICES

2860 N. SHERIDAN

TULSA, OKLAHOMA 74115

INSP. OR TEST IS REQUIRED IF IN STORAGE AFTER 6 mos.		CUSTOMER		RC AIRCRAFT ENGINES		CUSTOMER ORDER NO. 310	
INSP. AC 12		WORK ORDER NO. 20733					
ITEM DESCRIPTION		FUEL MANIFOLD		MODEL OR TYPE		PART NO.	
QUANTITY		1 ea.		SERIAL NO.		L068506RC	
MFG.		TCM		TYPE REPAIR ACCOMPLISHED		OVERHAUL	
DATE		1-09-92					
SOUTHEAST FUEL SYSTEMS, INC.							
415 Gus Hipp Boulevard Rockledge, Florida 32955 Phone (407) 632-2762							

SERVICEABLE

PARTIAL MAINTENANCE RELEASE

4/7

MAKE CONTINENTAL SERIAL NO. 08
 MODEL T310-520 UNIT NAME CYL ASSY

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 AND REWORK PRIOR TO ITS RETURN TO SERVICE.

DETAILS ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 00037

SIGNED [Signature] FOR

March 92

EC102B

R/N 636122



ENGINE COMPONENTS, INC.
 9503 Midlex
 San Antonio, Texas 78217
 REPAIR STATION NO. AG2R689K

1. REPAIRED EXH. PORT FACE *step boss*
COMPLIED WITH TCM SB #M51-
2.
3. CERMICROME TO STD. BORE
4. LAST ITEM
5.
6.
7.
8.
9.
10.

CERTIFIED AIRWORTHY

The component listed hereon was Overhauled and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under work order No. 20731

Date 1-09-92 Auth. Sig. Wm Riverland

SERVICEABLE

ITEM DESCRIPTION FUEL PUMP		QUANTITY 1ea.	MFG. TCM
MODEL OR TYPE	PART NO. 638154-17		SERIAL NO. E288010RB
TYPE REPAIR ACCOMPLISHED OVERHAUL			DATE 1-09-92
INSP 	WORK ORDER NO. 20731		
INSP. OR TEST IS REQUIRED IF IN STORAGE AFTER		6 mos.	
CUSTOMER: RC AIRCRAFT ENGINES			
CUSTOMER ORDER NO.:		310	

SOUTHEAST FUEL
SYSTEMS, INC.

415 Gus Hipp Boulevard
Rockledge, Florida 32955
Phone (407) 632-2762

CERTIFIED AIRWORTHY

The component listed hereon was Overhauled and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency

under work order No. 20732

Date 1-09-92

Auth. Sig.

Wm R. Risenbark

SERVICEABLE

ITEM DESCRIPTION		QUANTITY	MFG.
THROTTLE BODY & FUEL CONTROL		1ea.	TCM
MODEL OR TYPE	PART NO.		SERIAL NO.
	632916-2		L058509RA
TYPE REPAIR ACCOMPLISHED			DATE
OVERHAUL			1-09-92
INSP	WORK ORDER NO.		
AC 7	20732		
INSP. OR TEST IS REQUIRED IF IN STORAGE AFTER: 6 mos.			
CUSTOMER:			
RC AIRCRAFT ENGINES			
CUSTOMER ORDER NO.:		310	

SOUTHEAST FUEL
SYSTEMS, INC.

415 Gus Hipp Boulevard
Rockledge, Florida 32955
Phone (407) 632-2762

CERTIFIED AIRWORTHY

The component listed hereon was Overhauled and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under work order No. 20733

Date 1-09-92 Auth. Sig. Wm Rosenbark

SOUTHEAST FUEL SYSTEMS, INC.

1875 BARRETT DRIVE
Wookledge, Fl.

32955

TELEDYNE CONTINENTAL MOTORS
Aircraft Products Division

FUEL PUMP CALIBRATION

Part Number	638154-17	R.P.M.	Aircraft Ref Absolute Air Press. H.G.	FLOW P.P.H.	Dischg. Press. P.S.I.	Turbo Dischg. Press. H.G.
Serial Number	E288010RB	600		7.0	8.0	
Engine Model	I.O.520	1600		37.5	18.2	
Date Tested, W.O.#	1-13-92	2600		150	34	
Mechanic	C. Chyman	600		7.0	8.0	
Inspector	20731	350		5.6	5.8	
Customer	R.C. A/C					

Limits based on .734 + or -
.002 Specific Gravity @ 75 +
or - 5 degrees.

CONTROL UNIT CALIBRATION

Part Number	Serial Number	Engine Model	Date Tested, W.O.#	Mechanic	Inspector	Customer	SETTINGS		LIMITS	
							Throttle Angle	Inlet Press. PSI ± 25	Fuel Flow LBS/Hr	Outlet Press. PSI ± 25
632916-2	L058509 RA	I.O.520	1-13-92	C. Chyman	20732	R.C. A/C	0	10	7.1	2.1
							8	17	33.8	3.4
							16	20.5	60.8	5.4
							21	23	76.8	7.2
							28	25	97	9.2
							36	25.5	110	12.3
							Full	25.5	133.9	15.5

MANIFOLD VALVE ASSEMBLY

Part #	641082-12	Inlet Press.	Flow P.P.H.
Serial #	L08506RC	3.7	10
Engine #		5.3	50
Date, W.O.	1-13-92	10.4	100
Mechanic	CBC	18.4	150
Inspector	20733		
Customer			

NOZZLE

Part #	120	Supply Press.	Flow P.P.H.
Serial #		12.5	23.5 / 24
Engine #			
Date, W.O.	1-13-92		
Mechanic	CBC		
Inspector			
Customer		✓	✓

FAA FORM 8130-3

17. NAME (typed or printed): JAMES MUSGROVE

18. DATE: 06-16-97

19. SIGNATURE: [Signature]

20. AUTHORIZED SIGNATURE: [Signature]

21. CERTIFICATION NO.: JL4R288M

22. NAME (typed or printed): JAMES MUSGROVE

23. DATE: 06-16-97

15. FAA AUTHORIZATION NO.: [Blank]

16. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

17. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

18. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

19. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

20. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

21. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

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23. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

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95. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

96. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

97. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

98. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

99. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

100. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

1. UNITED STATES

2. FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

3. SYSTEM TRACKING REF. NO. 24076

4. ORGANIZATION: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309

5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: 24076

6. ITEM 1

7. DESCRIPTION MAGNETO

8. PART NO. 10-163020-3

9. ELIGIBILITY * 1 EA.

10. QTY. 5200943

11. SERIAL/BATCH NO. 5200943

12. STATUS/WORK NEWLY OVERHAULED

13. REMARKS
OVERHAULED AND TESTED
LIMITED LIFE PARTS MUST NORMALLY BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIMES/TOTAL CYCLES/ TIME SINCE NEW.

14. NEW ☐ NEWLY OVERHAULED ☐

15. SIGNATURE: [Signature]

16. NAME (typed or printed): JAMES MUSGROVE

17. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

18. DATE: 08-01-96

19. CERTIFICATION NO.: JL4R288M

20. AUTHORIZED SIGNATURE: [Signature]

21. NAME (typed or printed): JAMES MUSGROVE

22. DATE: 08-01-96

23. CERTIFICATION NO.: JL4R288M

24. AUTHORIZED SIGNATURE: [Signature]

25. NAME (typed or printed): JAMES MUSGROVE

26. DATE: 08-01-96

27. CERTIFICATION NO.: JL4R288M

28. AUTHORIZED SIGNATURE: [Signature]

29. NAME (typed or printed): JAMES MUSGROVE

30. DATE: 08-01-96

31. CERTIFICATION NO.: JL4R288M

32. AUTHORIZED SIGNATURE: [Signature]

33. NAME (typed or printed): JAMES MUSGROVE

34. DATE: 08-01-96

35. CERTIFICATION NO.: JL4R288M

36. AUTHORIZED SIGNATURE: [Signature]

37. NAME (typed or printed): JAMES MUSGROVE

38. DATE: 08-01-96

39. CERTIFICATION NO.: JL4R288M

40. AUTHORIZED SIGNATURE: [Signature]

41. NAME (typed or printed): JAMES MUSGROVE

42. DATE: 08-01-96

43. CERTIFICATION NO.: JL4R288M

44. AUTHORIZED SIGNATURE: [Signature]

45. NAME (typed or printed): JAMES MUSGROVE

46. DATE: 08-01-96

47. CERTIFICATION NO.: JL4R288M

48. AUTHORIZED SIGNATURE: [Signature]

49. NAME (typed or printed): JAMES MUSGROVE

50. DATE: 08-01-96

51. CERTIFICATION NO.: JL4R288M

52. AUTHORIZED SIGNATURE: [Signature]

53. NAME (typed or printed): JAMES MUSGROVE

54. DATE: 08-01-96

55. CERTIFICATION NO.: JL4R288M

56. AUTHORIZED SIGNATURE: [Signature]

57. NAME (typed or printed): JAMES MUSGROVE

58. DATE: 08-01-96

59. CERTIFICATION NO.: JL4R288M

60. AUTHORIZED SIGNATURE: [Signature]

61. NAME (typed or printed): JAMES MUSGROVE

62. DATE: 08-01-96

63. CERTIFICATION NO.: JL4R288M

64. AUTHORIZED SIGNATURE: [Signature]

65. NAME (typed or printed): JAMES MUSGROVE

66. DATE: 08-01-96

67. CERTIFICATION NO.: JL4R288M

68. AUTHORIZED SIGNATURE: [Signature]

69. NAME (typed or printed): JAMES MUSGROVE

70. DATE: 08-01-96

71. CERTIFICATION NO.: JL4R288M

72. AUTHORIZED SIGNATURE: [Signature]

73. NAME (typed or printed): JAMES MUSGROVE

74. DATE: 08-01-96

75. CERTIFICATION NO.: JL4R288M

76. AUTHORIZED SIGNATURE: [Signature]

77. NAME (typed or printed): JAMES MUSGROVE

78. DATE: 08-01-96

79. CERTIFICATION NO.: JL4R288M

80. AUTHORIZED SIGNATURE: [Signature]

81. NAME (typed or printed): JAMES MUSGROVE

82. DATE: 08-01-96

83. CERTIFICATION NO.: JL4R288M

84. AUTHORIZED SIGNATURE: [Signature]

85. NAME (typed or printed): JAMES MUSGROVE

86. DATE: 08-01-96

87. CERTIFICATION NO.: JL4R288M

88. AUTHORIZED SIGNATURE: [Signature]

89. NAME (typed or printed): JAMES MUSGROVE

90. DATE: 08-01-96

91. CERTIFICATION NO.: JL4R288M

92. AUTHORIZED SIGNATURE: [Signature]

93. NAME (typed or printed): JAMES MUSGROVE

94. DATE: 08-01-96

95. CERTIFICATION NO.: JL4R288M

96. AUTHORIZED SIGNATURE: [Signature]

97. NAME (typed or printed): JAMES MUSGROVE

98. DATE: 08-01-96

99. CERTIFICATION NO.: JL4R288M

100. AUTHORIZED SIGNATURE: [Signature]

SERVICEABLE PARTS TAG

AEROTECH
Aviation Electrical Accessories
3701 Taylorsville Road, #4, Louisville, Kentucky 40220
(502) 451-6140 — 800-634-0190 — FAX (502) 454-0502
Name of Component Starter Part No. 646275
Model No. 24V S/N W1885192
Manufacturer Teledyne
REMARKS
MAJOR OVERHAUL
Work Order No. 19709 Inspector James
FAA Approved Repair Station PU4R453M

Date 02-13-92

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 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 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.

The FAA Form 8130-3 and JAA Form one are equivalent. Other countries such as Canada also have equivalent acceptable documents

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
USER/INSTALLER RESPONSIBILITIES

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
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 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 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.

The FAA Form 8130-3 and JAA Form one are equivalent. Other countries such as Canada also have equivalent acceptable documents

MAINTENANCE RELEASE

The appliance identified above was repaired and inspected in accordance with current regulations of the federal aviation administration and approved for return to service.

Pertinent details of the repair are on file at this repair station under

Work Order No. 19709

Date: 02-13-92

Signed James A. [Signature] for

Aerotech Repair Station No. PU4R453M

3701 Taylorsville Road, #4, Louisville, Kentucky 40220

Work Order & Inspection Record

24076

Work Order No.



AIRMARK OVERHAUL, INC.

FAA APPROVED REPAIR STATION # J:4R288M
6001 NORTHWEST 29th AVENUE
FORT LAUDERDALE, FLORIDA 33309
(954) 970-3200 • (800) 282-3202
FAX: (954) 970-3400

Customer Spark
Address _____
Phone No. _____
Work Required **OVERHAULED AND TESTED**
Date Received 8-1-96
Date Completed 8-1-96

Unit **MAGNETO**
Mfg. **TCM / BENDIX**
Part No. 10-163020-3
Model No. 56RN-201
Serial No. 5200943
Customer P.O. _____

PRELIMINARY INSPECTION:

LEAKS NORMAL WITH

Mech.

Insp.

TEARDOWN INSPECTIONS:

Mechanical: OK

Electrical: OK

Mech.

Insp.

HIDDEN DAMAGE INSPECTION:

none

Mech.

Insp.

REASSEMBLY INSPECTION:

Parts List: OK

1-BEARING 2-202
1-BEARING 10-81806
1-FELT 10-50752
1-FELT 10-163374
1-BRUSH 10-160844
1-INSULATOR 10-163194
1-SEAL 10-357952
1-SLINGER 10-51678
1-SCREW 10-391213
1-RING 10-92815-37
1-CONTACT 10-380584
1-CONTACT 10-380584

Mech.

Insp.

TEST RESULTS:

OK

CONSISTENTLY SPARKED THE 5 mm
GAP FROM 100 RPM TO 5000 RPM

Mech.

Insp.

FINAL INSPECTION:

OK

OVERHAULED AND TESTED

Mech.

Insp.

MAINTENANCE RELEASE

The aircraft component identified above was overhauled, repaired, inspected and functionally tested in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order.

24076

Date: 8-1-96

Signed: J. Moore

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. 24076	
4. ORGANIZATION: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309				5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: 24076			
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
1	MAGNETO	10-163020-3		1 EA.	5200943	NEWLY OVERHAULED	
13. REMARKS OVERHAULED AND TESTED							
LIMITED LIFE PARTS MUST NORMALLY BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIMES/TOTAL CYCLES/ TIME SINCE NEW.							
14. NEW ☐ NEWLY OVERHAULED ☐ Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. SIGNATURE:		15. FAA AUTHORIZATION NO.:		20. AUTHORIZED SIGNATURE: <i>[Signature]</i>		21. CERTIFICATION NO.: JL4R288M	
17. NAME (typed or printed):		18. DATE		22. NAME (typed or printed): JAMES MUSGROVE		23. DATE 08-01-96	

FAA FORM 8130-3

*optional installer must cross check eligibility with applicable technical data.

5-200 SERIES MAGNETOS
OVERHAULED PER TCM
SERVICE MANUAL X42002-1

SERVICE BULLETINS COMPLIED WITH:
629-D18T. BLOCK BATCH CODES OK per S/B
631-ANTI-SEIZE LUBRICANT OK per S/B
634-SUSPECT CONTACT ASSY OK per S/B
644-COIL & MAGNET INSP. OK per S/B
639-PROPER IMPULSE INSP. OK per S/B
653-HOT MAGNETO TEST MAGNETO ITSELF GROUNDS OK.
CUSTOMER MUST DO CHECKS PER BULLETIN TO TEST IN-TEGRITY OF AIRCRAFT GROUNDING CIRCUIT.

A.D.'S COMPLIED WITH:
73-07-04 COIL & MAGNET INSP S/S 94-01-03H1
74-26-09 DRIVE BUSHINGS OK
REF. S.B. 556B INC. IN X42002 OK
82-20-01 IMPULSE CAM SOFTNESS OK
REF. S.B. 623 INC. IN X42002 OK
94-01-03R2 COIL/MAGNET INSP. OK per S/B
REF. S.B. 644 OK
94-06-09 CAPACITOR BATCH CODES OK
REF. CSB641

AEROTECH

OF LOUISVILLE, INC.

3701 Taylorsville Road, #4

Louisville, Kentucky 40220

(502) 451-6140 • (800) 634-0190

FAX: (502) 454-0502

FAA Approved Repair Station PU4R453M

OVERHAUL CHECK LIST

CUSTOMER: R.C. Aircraft
MANUFACTURER: Heladyne
MODEL NUMBER: 646275

REPAIR DATE: 02-13-92
WORK ORDER NO: 19709
SERIAL NUMBER: W1885192

STARTER, ALTERNATOR, GENERATOR OVERHAUL CHECK LIST

Refer to manufacturer's overhaul manual per model and serial number for proper overhaul, test and calibration specifications.

STARTER

☒ Disassembly
☒ Driver or Clutch
☒ Armature
☒ Field Coils
☒ D.E. Housing
☒ C.E. Housing
☒ Reduction Gear Assy.
☒ Center Frame
☒ Brushes and Springs
☒ Final Assembly
☒ Final Testing

ALTERNATOR

☐ Disassembly
☐ Cooling Fan
☐ Pulley or Gear
☐ Rotor
☐ Stator
☐ D.E. Housing
☐ C.E. Housing
☐ Rectifier Assembly
☐ Brush Assembly
☐ Final Assembly
☐ Final Testing

GENERATOR

☐ Disassembly
☐ Cooling Fan
☐ Pulley or Gear
☐ Armature
☐ Field Coils
☐ D.E. Housing
☐ C.E. Housing
☐ Center Frame
☐ Static Ring
☐ Final Assembly
☐ Final Testing

NOTES

See Process Work Sheet

List of Airworthiness Directives, Service Bulletins, and Letters:

Inspectors Audit of Overhaul, Paperwork and Airworthiness Determination:

MAJOR OVERHAUL

RETURN TO SERVICE APPROVED James Sch TITLE C.I.
DISAPPROVED _____ TITLE _____

REASON IF DISAPPROVED _____

Approved James Sch Chief Inspector — Aerotech of Louisville, Inc.

MAINTENANCE RELEASE:

THE APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND APPROVED FOR RETURN TO SERVICE.

WORK ORDER NO. 19709 DATE 02-13-92

SIGNED James Sch CUSTOMER

AEROTECH OF LOUISVILLE, INC.
FAA Repair Station: PU4R453M
3701 Taylorsville Road, #4
Louisville, KY 40220

AEROTECH

OF LOUISVILLE, INC.

3701 Taylorsville Road, #4

Louisville, Kentucky 40220

(502) 451-6140 • (800) 634-0190

FAX: (502) 454-0502

FAA Approved Repair Station PU4R453M

PROCESS WORK SHEET

W/O #

CUSTOMER

DESCRIPTION

PART NUMBER

REMARKS AFTER VISUAL INSPECTION

DATE RECEIVED

RECEIVED BY

MODEL

SERIAL NUMBER

DISASSEMBLY AND HIDDEN DAMAGE REPORT

FINAL ASSEMBLY AND REPLACEMENT PARTS REPORT

FUNCTIONAL TEST REPORT

INSPECTOR

CHIEF INSPECTOR

DATE OF REPAIR

DATE

MAINTENANCE RELEASE:

THE APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND APPROVED FOR RETURN TO SERVICE.

WORK

ORDER NO.

SIGNED

DATE

CUSTOMER

AEROTECH OF LOUISVILLE, INC.

FAA Repair Station: PU4R453M

3701 Taylorsville Road, #4

Louisville, KY 40220

Work Order & Inspection Record

25338

Work Order No.



AIRMARK OVERHAUL, INC.

FAA APPROVED REPAIR STATION # J:4R288M
6001 NORTHWEST 29th AVENUE
FORT LAUDERDALE, FLORIDA 33309
(954) 970-3200 • (800) 282-3202
FAX: (954) 970-3400

Customer SPARE
Address _____
Phone No. _____
Work Required OVERHAULED AND TESTED
Date Received 6-16-97
Date Completed 6-16-97

Unit MAGNETO
Mfg. TCM / BENDIX
Part No. 10-163040-1
Model No. 56RN-205
Serial No. 856261
Customer P.O. _____

PRELIMINARY INSPECTION:

NORMAL WEAR

Mech. JP. H Insp. [Signature]

TEARDOWN INSPECTIONS:

Mechanical: OK

LENS

Mech. JP. H Insp. [Signature]

Electrical: - CONTACT WORN

JP. H

HIDDEN DAMAGE INSPECTION:

None

Mech. JP. H Insp. [Signature]

REASSEMBLY INSPECTION

Parts List: OK

1-BEARING 2-202
1-BEARING 10-81806
1-FELT 10-50752
1-FELT 10-163374
1-BRUSH 10-160844
1-CONTACTOR 10-169194
1-SEAL 10-357952
1-SLINGER 10-51678
1-SCREW 10-391213
1-RING 10-92815-37
1-CONTACT 10-382584
1-CONTACT

Mech. JP. H Insp. [Signature]

TEST RESULTS: CONSISTENTLY SPARKED THE 5 mm

GAP FROM 150 RPM TO 5000 RPM

Mech. JP. H Insp. [Signature]

FINAL INSPECTION:

OVERHAULED AND TESTED

Mech. JP. H Insp. [Signature]

MAINTENANCE RELEASE

The aircraft component identified above was overhauled, inspected and functionally tested in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order.

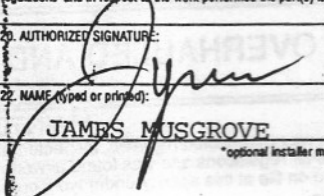
Date: 6-16-97 Signed: [Signature]

25338

S-200 SERIES MAGNETOS
OVERHAULED PER TCM
SERVICE MANUAL X42002-1

SERVICE BULLETINS COMPLIED WITH:
629-DIST. BLOCK BATCH CODES N/A
631-ANTISEIZE LUBRICANT Chk by Insp. ANTISEIZE
634-SUSPECT CONTACT ASSY N/A
644-COIL & MAGNET INSP. Chk by Insp
639-PROPER IMPULSE INSP. N/A
653-HOT MAGNETO TEST MAGNETO ITSELF GROUNDS OK
CUSTOMER MUST DO CHECKS PER BULLETIN TO TEST IN-
TEGRITY OF AIRCRAFT GROUNDING CIRCUIT.
654A-S6LSC-S6RSC-25 CAPACITOR N/A
658-DISTRIBUTOR GEAR MAINTENANCE Chk by Insp

A.D.'S COMPLIED WITH:
73-07-04 COIL & MAGNET INSP S/S 94-01-03R1
74-26-09 DRIVE BUSHINGS N/A
REF. S.B. 556B INC. IN X42002
82-20-01 IMPULSE CAM SOFTNESS N/A
REF. S.B. 623 INC. IN X42002
94-01-03R2 COIL/MAGNET INSP. Chk by Insp
REF. S.B. 644
94-06-09 CAPACITOR BATCH CODES N/A
REF. CSB641

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. 25338	
4. ORGANIZATION: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309				5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: W.O.#25338			
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
1	MAGNETO	10-163060-1		1 EA	856261	NEWLY OVERHAULED	
13. REMARKS OVERHAULED AND TESTED							
LIMITED LIFE PARTS MUST NORMALLY BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIMES/TOTAL CYCLES/ TIME SINCE NEW.							
14. NEW ☐ NEWLY OVERHAULED ☐ Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. SIGNATURE:		16. FAA AUTHORIZATION NO.:		20. AUTHORIZED SIGNATURE: 		21. CERTIFICATION NO.: JL4R288M	
17. NAME (typed or printed):		18. DATE		22. NAME (typed or printed): JAMES MUSGROVE		23. DATE 06-16-97	

FAA FORM 8130-3

*optional installer must cross check eligibility with applicable technical data.

MAINTENANCE RECORD

DATE

19

MFG. CONTINENTAL

MODEL IO-520-MBI

S/N 266007-R

THIS ENGINE HAS BEEN DISASSEMBLED, CLEANED AND INSPECTED IN ACCORDANCE WITH CONTINENTAL OVERHAUL MANUAL AND TABLE OF LIMITS.

THE FOLLOWING PARTS WERE INSTALLED:

1	GASKET SET	1	RING SET	6	PISTONS
6	PISTON PINS	6	IN GUIDES	6	EX GUIDES
24	EX STUDS	6	IN VALVES	6	EX VALVES
12	IN SPRINGS	12	OUT SPRINGS	5	ROTCOILS
12	KEEPERS	1	MN BEAR SET	6	C/S SCREWS
2	C/S LOCKPLATES	1	C/S SEAL	12	ROD BEARINGS
12	ROD BOLTS	12	ROD NUTS	12	COTTER PINS
8	C/W PINS	16	C/W PLATES	16	C/W CLIPS
16	C/W BUSHINGS	4	CAM SCREWS	1	CAM KEY
24	ROCKER BUSHINGS	12	ROCKER SHFTS	12	LIFTERS
2	START DR BEARING	1	START DR SPR	1	OIL PRS SPRING
10	IN CONN HOSES	1	MAG HARNESS	12	SPARKPLUGS
1	HOSE KIT				

MISC. SEALS, GASKETS, CLIPS, HARDWARE INSTALLED AS NEEDED.

RC AIRCRAFT, INC.

PO BOX 2047

KEYSTONE HGTS, FL. 32656

ADDITIONAL LOG BOOK ENTRY FOR ENGINE OVERHAUL DATED 5-24-92

THIS ENGINE REMOVED FROM ~~RIGHT~~ POSITION OF CESSNA 310R. 310R-1523. THIS IS TO CERTIFY THAT CONTINENTAL ENGINE MODEL IO-520-MBI, SERIAL NUMBER 266007-R WAS OVERHAULED IN ACCORDANCE WITH CONTINENTAL IO520 OVERHAUL MANUAL AND TABLE OF LIMITS. AD'S CHECKED FOR COMPLIANCE. SEE AD LISTING DATED 5-24-92. THIS ENGINE REINSTALLED ~~RIGHT~~ ^{Left} POSITION OF CESSNA 310R, SERIAL 310R-1523. RUN-UP, NO LEAKS NOTED. ALL ENGINE INDICATIONS NORMAL. TT AIRCRAFT. 6588.4. TT ENGINE 1887.3, TTSO -0-.

Richard Cam
RICHARD CAM A&P 2254027

TTSO

Richard Cam
RICHARD CAM A&P 2254027

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1992 5/25	4.0	0	Performed 100 hr Inspection. Checked all fluid lines & controls. Comp test all cylinders 70's over 80 PSI	
			Richard Com AIP 2254027	
5-29-93 Hobbs 2536.4			% Annual inspection. Time since overhaul assumed to be 41.1 judging from last annual entry in airframe log. This engine verified to be installed on left side of N5245C, Cessna 310R-1523. Oil not changed at this time. Compressions all in the high 70's over 80. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.	
			David R. Jones AIP 1510667IA	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1994 1-20 Hobbs 2564.2	2564.2	2	CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109 FILTER. OPENED & INSPECTED REMOVED FILTER FOR METAL-NO DISCREPANCY. WASHED AND RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME—END — AIP438808099	
			Scott J. Lounet	
2-2 Hobbs 2564.4	2564.4	4	REMOVED & REPLACED THE VACUUM PUMP USING OVERHAULED UNIT OF SAME TYPE P/N-212CW S/N-44660. SECURED PUMP & ASSOCIATED PLUMBING & PERFORMED OPERATIONAL CHECK. PUMP WAS FOUND TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. PLEASE SEE YELLOW TAG IN A/C LOG ———— END ———— AIP438808099	
			Scott J. Lounet	

MAINTENANCE RECORD

DATE 19 <u>94</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
5-2 HOBBS-2611.7	2611.7		CHANGED OIL & FILTER USING 12 QTS. AEROSHELL W100 OIL & CH48109 FILTER. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END — ADP438808099	
94			<i>Scott J. Lounet</i>	
6-3 HOBBS-2617.0 ENGINE SMOH-121.7 TSRB-2000.9	2617.0		ACCOMPLISHED 100 HR. INSPECTION OF ENGINE THIS TIME & DATE. PERFORMED ENGINE COMPRESSION CHECK-READINGS ARE AS FOLLOWS: ① $\frac{11}{80}$ ② $\frac{19}{80}$ ③ $\frac{19}{80}$ ④ $\frac{11}{80}$ ⑤ $\frac{19}{80}$ ⑥ $\frac{19}{80}$. CHECKED MAGNETO TIMING -00- @ 22° BTC. CLEANED & GAIRFED ALL SPARK PLUGS. REMOVED, OPENED, & INSPECTED OIL FILTER FOR METAL - NONE FOUND. OIL HAS ONLY 5.3 HRS. ON IT - NOT DUE CHANGE AT THIS TIME. INSPECTED ALL INTAKE & EXHAUST SYSTEMS - REPLACED BOTH EXHAUST TAIL PIPE ISOLATION MOUNTS WITH NEW MOUNTS P/N-C3H410C2. INSPECTED ALL ENGINE LARD MOUNTS, PYLONS, LEGS, & ASSOCIATED HARDWARE. CLEANED ALL FUEL SCREENS. CLEANED ENGINE AIR FILTER - FILTER DUE REPLACEMENT 1/4 W/ AD84-26-02 AT ACT-6392.4. INSPECTED ALL FUEL & OIL LINES FOR CONDITION & LEAKAGE -00- & CHECKED ALL ENGINE CONTROL CONDITION & OPERATION -00-. INSPECTED ALL ENGINE CRANKCASE & CYLINDER ASSY.'S FOR CRACKS - NONE FOUND. P/W AD93-16-15	

(CONT'D NEXT PAGE)

MAINTENANCE RECORD

DATE 19 <u>94</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			(CONT'D FROM PREVIOUS PAGE)	
			BY REMOVAL & INSPECTION OF FUEL PUMP DRIVE COUPLING - FOUND COUPLING P/N-631263 INSTALLED WITH SHAFT P/N-643689 - NO ACTION NECESSARY. CHECKED AD94-01-03 AND FOUND PREVIOUSLY COMPLIED WITH DUE TO IMPROVED COILS & ROTORS INSTALLED - STAMPED MAGNETOS WITH LETTER "C" AS DIRECTED. CHECKED AD94-06-09 & FOUND N/A DUE TO NO CONDENSOR REPLACEMENT DURING SUBJECT PERIOD. ALL OTHER APPLICABLE AD NOTES CHECKED & COMPLIED WITH AS NEEDED TO DATE - PLEASE SEE REAR OF A/C LOG FOR AD NOTE COMPLIANCE RECORD. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END —	
6-3-94 TSOH 121.7	121.7		ANNUAL insp <i>Robert D. Sivert</i>	
			HOBBS/TACH 2617.0 ENGINE TSRB-2000.9 I certify that this ENGINE has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition. Mechanic <i>Scott J. Lounet</i> Pertinent details on file under repair order # 137	DATE 6-3-94 SMOH 121.7

MAINTENANCE RECORD

DATE 19 <u>94</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8-16 HOBBS-2675.5		5	CHANGED OIL & FILTER USING 12 QTS. AGRO-SHELL W100 OIL & CH48109 FILTER-OPENED & INSPECTED REMOVED FILTER FOR METAL-NONE FOUND. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME -END- AIP438808099 EOT/Journe	
95 5-3 HOBBS-2760.3 TTAC-4857.4 TSRB-2144.2 SMOH-265.0			COMPLETED 100 HR. INSPECTION OF ENGINE THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AGRO-SHELL W100 OIL & CH48109 FILTER-OPENED & INSPECTED REMOVED FILTER FOR METAL-NONE NOTED. PERFORMED ENGINE COMPRESSION CHECK-READINGS ARE AS FOLLOWS: 1 80 2 80 3 80 4 80 5 80 6 80 7 80 8 80 9 80 10 80 11 80 12 80 CYLINDER REPLACED WITH OVERHAULED STUD DUE TO CRACKED HEAD (PLEASE SEE YELLOW TAG THIS ENTRY) CYLINDER INSTALLED USING EXISTING VALVES & SPRINGS & ALL NEW RINGS & GASKETS. CHECKED MAGNETO TIMING -00-. CLEANED & GAPPED ALL SPARK PLUGS. INSPECTED ALL INTAKE & EXHAUST SYSTEMS -00- INSPECTED ALL ENGINE SHOCK MOUNTS, PYLONS, & ASSOCIATED HARDWARE -00- CLEANED ALL FUEL SCREENS. REPLACED PAPER INDUCTION AIR FILTER WITH BRACKETT FILTER ASSY. P/B-D117 (PLEASE SEE STC & FMA FORM 337 IN AIRCRAFT RECORDS) INSPECTED ALL FUEL & OIL LINES/HOSES FOR CONDITION & LEAKAGE -00- CHECKED ALL ENGINE CONTROL CONDITION & OPERATION -00- INSPECTED ALL ACCESSORIES FOR CONDITION & SECURITY -00- INSPECTED ALL CRANKCASE &	

(CONT'D NEXT PAGE)

MAINTENANCE RECORD

DATE 19 <u>95</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			(CONT'D FROM PREVIOUS PAGE) - CYLINDER ASSYS FOR CRACKS- DISCREPANCY CORRECTED AS NOTED ABOVE. ALL APPLICABLE AD NOTES CHECKED & COMPLIED WITH TO DATE- PLEASE SEE REAR OF AIRCRAFT LOG FOR AD NOTE COMPLIANCE RECORD. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME -END-	
			HOBBS/TACH 2760.3 DATE 5-3-95 ENGINE TSRB-2144.2 SMOH 265.0 I certify that this ENGINE has been inspected in accordance with a 100 HR. inspection and was determined to be in airworthy condition. Mechanic AIP438808099 EOT/Journe Pertinent details on the under repair order # 386	
5/3/95			Annual inspect At this time Ritchie DSMART IA 1282504	

MAINTENANCE RECORD

[illegible]

CHANGED OIL AND REPLACED FILTERS ON LEFT AND RIGHT ENGINES. SERVICED WITH 11 QTS. AEROSHELL OIL. REPLACED LEFT AND RIGHT ENGINE DRAIN PLUG SEALS WITH NEW. C/W AD 72-14-08R1 BY VISUAL INSPECTION OF FLEX FUEL HOSES FOR LEAKS. NONE FOUND. C/W AD 75-23-08 BY VISUAL INSPECTION OF EXHAUST SYSTEM FOR LEAKS. NONE FOUND.

JOSE M. BOUZA
AP467410867

[illegible]

C/W 100HR INSPECTION. REPAIRED BROKEN WIRES TO PROP DE-ICE BLOCK. REPLACED OIL AND FILTER WITH NEW. SERVICED WITH AEROSHELL 100/50 WT OIL. REPLACED INDUCTION AIR FILTERS WITH NEW. COMPRESSIONS WERE AS FOLLOWS. #1 69/80 #2 74/80 #3 76/80 #4 73/80 #5 72/80 #6 69/80. REMOVED MAGS FOR OVERHAUL NEW P/N'S AS FOLLOWS: RT POSITION 10-163060-1 S/N 856261 LEFT POSITION P/N 10-163020-3 S/N 5200943. TIMED AND OPS CHECKED OK. THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

LEO FLAHERTY

Leo Flaherty 431858800 ADP

**AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER**

MAINTENANCE RECORD

DATE
19

TOTAL TIME
IN SERVICE

HOURS 10

AIRCRAFT 5245C

ACTT 7112.1 HOBBS 3064.9

DATE 6/19/97

R/ENG CSO

L/ENG CSO 572.8

LDG left on

L/ENG TT/TSO 2460.1

R/ENG TT/TSO

WORK DESCRIPTION

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. AD'S CHECKED THRU BI-WEEKLY 97-11.

S. L. Liang

S.L. LIANG
IA1547066

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE

TOTAL TIME
IN SERVICE

19 97

HOURS 10ths

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

11-4 Hobbs Tech 3104 Change oil & Filter, Check Filter for metal. New Fandy, 12gts Aeroshell AD 100 & CH 48109 Filter Eng ground run check oil.
Michael E. Shultz #435644292

5-13-98 Tech 3178

Change oil & Filter, cut open Filter;

No metal found, AD 12gts Aeroshell

AD 100 & change on CH 48109 Filter,

Eng ground run check oil.

Michael E. Shultz

CK Eng book. #435644292

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			TT 2619.2 smolt 736.5 clean Eng for 1295. change oil filter, cut open filter, no metal found ADD 1295.5 u. AD 100 & Champion CH 4 8109 Filter, clean shell 1, comp. test #1 36 62 #2 36 62 #3 36 62 #4 36 62 #5 36 62 #6 36 62 Eng ground in checks OK.	
I CERTIFY THAT THIS <u>Eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Manual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
			<i>Nicholas E. Shultz</i> AD 435644292 FA	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8-13			Track 3277 Change oil & Filter, cut open filter, NO metal found ADD 1295.5 Aero Shell AD 100 Eng ground checks OK.	<i>Nicholas E. Shultz</i> AD 435644292
4-11-98			Track 3333.7 Change oil & Filter, cut open Filter NO metal found, ADD 1295.5 Aero Shell AD 100 & CH 4 8109, Install AV 100 RAB 32 E change spark plugs	<i>Nicholas E. Shultz</i> AD 435644292

L/H ENGINE
#4 Position

MAINTENANCE RELEASE

MANUFACTURER **CONTINENTAL** NAME **CYL. ASSY.**
MODEL No. **310-520** PART No. **652953 GP** SERIAL No. _____

THE COMPONENT IDENTIFIED ABOVE 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 REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. **JIP-42664**"

SIGNED **Sedney S. Morgan** DATE **JUN 17 1999**

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K



FAA CERTIFIED REPAIR STATION NV2R045L
(316) 943-6100
3414 WEST 29th STREET SOUTH
WICHITA, KANSAS 67217

WARRANTY APPLICATION

WORK ORDER NO. **A-119711**

LIMITED WARRANTY



Aero Electric warrants each product to be free from defects in material and workmanship under normal use and service; Aero Electrics' obligation under this warranty will be limited to repairing or replacing at its option any defective parts which fail within the time limit specified by this warranty. In the event a product requires warranty service, the product shall be returned to Aero Electric, Inc. transportation and handling charges prepaid; along with a statement briefly describing the malfunction or reason for returning such product. Aero Electric will at its option repair or replace the unit at the nearest Aero Electric Dealer or Distributor. THIS WARRANTY DOES NOT INCLUDE ANY LABOR CHARGES. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTIES; EXPRESS OR IMPLIED, PROVIDED WITH THE WRITTEN WARRANTY SET OUT ABOVE.

PART NUMBER
MHJ4003

WARRANTY PERIOD
6 MO. OR 250 HRS

Customer has 18 months from date of certification to install unit and register warranty.

SERIAL NO.

A/E SN: **A-104737**

MFG SN:

RETAIN THIS COPY

1. U.S.A.		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ret. No. A-104737	
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217		5. Work Order, Contract, or Invoice Number: A-119711			
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number
1	STARTER	MHJ4003	V*1		
12. Status/Work NEWLY QHC					
13. Remarks see work order. Newly Overhauled & Certified Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. ☐ New ☐ Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13, was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature		16. FAA Authorization No.	20. Authorized Signature: BRETT PORTER		21. Certificate Number: 2482477
17. Name (Typed or Printed):		18. Date:	22. Name (Typed or Printed): BRETT PORTER		23. Date: JUN 10 1999

J & J AIR PARTS, INC.
 430 NORTH BRYANT, PLEASANTON, TX 78064
 (830) 569-3892

SERVICEABLE

- WORK PERFORMED: ☒ Dye Penetrant Cylinder ☒ Weld Penetrated Cracks
- Install Valve Guides ☒ Both ☐ Intake ☐ Exhaust ☐ Hone Barrel to Ring Finish
- Install Valve Seats ☒ Both ☐ Intake ☐ Exhaust ☒ Machine Eroded Exhaust Port Flange
- NuChrome ☐ Cerminil ☐ Channel Chrome ☒ Seat Seats and Blue to New Valves
- Grind Barrel ☐ P.010 ☐ P.015 ☐ P.020 ☒ Restud Exhaust Port
- Paint ☐ Barrel ☒ Barrel and Head ☐ Install Fin Stabilizers
- Assemble Cylinders ☒ Valve Assy. ☒ Pistons ☐ Install New Rocker Boss Bushings

SIGNED *John H. Morgan* DATE JUN 17 1999
 FOR: J & J AIR PARTS, INC. REPAIR STATION NO. JE2R921K



CUSTOMER COPY

INSTALLED BY (INSTALLING AGENCY) _____

ADDRESS _____ CITY, STATE, ZIP _____

AERO ELECTRIC DISTRIBUTOR _____

REGISTERED OWNER _____



Return this tag with your
 exchange core for proper
 credit.

**FAA FORM 8130-3
 AIRWORTHINESS APPROVAL TAG**

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 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 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.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

MAINTENANCE RECORD

DATE 19 <u>99</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1-20	7.0		Change oil & filter cut open filter, NO metal foil, NO dirt Aeroshell AP100 LCH48109 Filter, Eng to be ground in 100 hours before returning to service by pilot. <i>Michael S. Shuler</i> 43564428	
4-5	7.0		Change oil & filter cut open filter, NO metal foil, NO dirt Aeroshell AP100 LCH48109 Filter, Eng 9 hours in ground, NO 120's <i>Michael S. Shuler</i> 43564428	

MAINTENANCE RECORD

DATE 19 <u>99</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			P. O. Box 74170 Baton Rouge, LA 70874 West Ramp, Baton Rouge Metropolitan Airport Office: 504-354-1120 LOUISIANA AIRCRAFT INC. CRS UG1R531K N5245C LEFT ENGINE LOG ENTRY 7-8-99 PAGE 1 OF 2 CESSNA 310R ser#310R1523 HRMTR: 3531.0 TOTAL: 7627.3 CONTINENTAL mod#10-520-MB1 ser#266007-R TSO: 1038.9 Performed 100 Hour Inspection in accordance with mfr's instructions and Cessna Maintenance Manual. Changed oil and filter. Serviced engine with Aeroshell Mineral oil*. Installed new prop governor control rod end #S1106-3. Installed overhauled starter #MHJ4003 with S/N A-104737. Replaced propeller de-ice brush block #C40187 with new part. Cleaned all fuel injector nozzles. Complied with AD 84-26-02 by installation of foam style induction air filter #BA17 which relieves repetitive inspection requirements of this AD. This filter to be replaced within 200 hours or on condition. Replace wire bundle clamps with new parts as required. {Note: * engine serviced with mineral oil due to cylinder replacement for break-in purposes.} *****continued Page 2*****	

DATE	TOTAL TIME IN SERVICE		
19__	HOURS	10	
		<u>N5245C LEFT ENGINE LOG ENTRY 7-8-99 PAGE 2 OF 2</u> CESSNA 310R ser#310R1523 HRMTR: 3531.0 TOTAL: 7627.3 CONTINENTAL mod#IO-520-MB1 ser#266007-R TSO: 1038.9 Installed overhauled cylinder* in #4 position with new piston rings, seals and gaskets. Cylinder overhauled by J & J Airparts, Inc. on their WO#JJI-42664. Installed new #1289119-4 springs on exhaust couplings as required. Removed propeller and replace the crankshaft seal with new part #641250. Compression: #1 76/80 #2 76/80 #3 78/80 #4 13/80* #5 77/80 #6 76/80 Engine washed and ground run performed with no leaks noted at this time. Adjust idle speed, mixture and full power RPM as required. Reinstall cowling. See propeller log for additional related details of this inspection. I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AIRWORTHY FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY UNDER WO #51203. DATE <u>7-8-99</u> AUTHORIZED SIGNATURE <u>[Signature]</u> CRS #UG1R531K	
		<<<<<<<<<END>>>>>>>>	

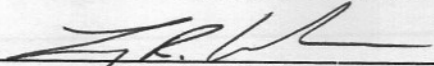
<<<<<<<END>>>>>>>

DATE			TOTAL TIME IN SERVICE	HOURS	1
19__					

LOUISIANA AIRCRAFT INC. CRS UG1R531K

N5245C LEFT ENGINE LOG ENTRY 8-17-99 PAGE 1 OF 1
CESSNA 310R ser#310R1523 HRMTR: 3556.5
CONTINENTAL mod#IO-520-MB1 ser#266007-R TSO: 1064.4

Changed oil and filter this date. Cut open removed filter and inspect for wear metal...none found. Service engine with Aeroshell W100 oil. Compression test performed with all cylinders above 70/80. Wash and run engine with satisfactory results. No leaks noted at this time.

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTIONS AND IS APPROVED FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY UNDER WO #51307.
DATE 8-17-99 AUTHORIZED SIGNATURE 

CRS #UG1R531K

BP-119-LA (Rev. 8/94)

MAINTENANCE RECORD

DATE 2000 #9	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2-21-00	36.58	.2	CHANGED OIL THIS DATE, ADDED 12 QTS. AEROSHELL W100 AND REPLACED OIL FILTER WITH NEW CH48108.	Joe Ruote AEP 487640360
6-29-00	7807.7		changed oil & Filter serviced with 12 qts of Aeroshell W100 inspected Filter for metal. no metal noted. washed down eng ran up & leak ok. no leaks noted.	D. Ellough AEP 435093433

5/16/01 N5245C FHM: 3871.9

Performed Engine Oil and Filter change on **Left** Engine. Replaced Oil Filter P/N CH48109 and inspected old filter. No defects found at this time. Replenished oil with 12 Qts. AeroshellW100 SAE50 Engine Oil. Leak check good. All work done IAW Continental and Cessna Maint. Manuals.

Robert J Nores A&P435212739

Robert Nares

MAINTENANCE RECORD

[illegible]

P. O. Box 74170
Baton Rouge, LA 70874
West Ramp, Baton Rouge
Metropolitan Airport
Officer: 504-354-1120

LOUISIANA AIRCRAFT INC. CRS UG1R531K

N5245C LEFT ENGINE LOG ENTRY 7-27-00 PAGE 1 OF 1
CESSNA 310R ser# 310R1523 HRMTR: 3723.4 TOTAL: 7819.7
CONTINENTAL mod#10-520-MB1 ser#266007-R TSO:1231.3

Performed a 100 Hour Inspection in accordance with Cessna form and mfr's instructions. Cleaned, gapped and tested all spark plugs. Removed both magnetos for inspection and timing adjustment. Installed new point set in right magneto. Reinstall magnetos at proper engine timing. Wash and ground run with no leaks noted at this time.

Compression test: #1 70/80 #2 76/80 #3 74/80 #4 76/80 #5 76/80 #6 72/80

I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AIRWORTHY FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY UNDER WO #51885.

DATE 7-27-00 AUTHORIZED SIGNATURE _____

Larry R. Woodson/CRS #UG1R531K

MAINTENANCE RECORD

DATE
19____

TOTAL TIME
IN SERVICE

HOURS

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

P. O. Box 74170
Baton Rouge, LA 70874
West Ramp, Baton Rouge
Metropolitan Airport
Office: 504-354-1120

LOUISIANA AIRCRAFT INC. CRS UG1R531K

N5245C LEFT ENGINE LOG ENTRY 07/19/01 PAGE 1 OF 1
CESSNA 310R ser#310R1523 HRMTR: 3899.3 TOTAL: 7995.6
CONTINENTAL mod#IO-520-MB1 ser#266007-R TSO: 1407.2

Changed oil and filter this date. Cut open removed filter and inspect for wear metal...none found. Service engine with Aeroshell W100 oil. Induction air filter replaced with new. Wash and run engine with satisfactory results. No leaks noted at this time.
Compression test: #1 76/80 #2 70/80 #3 78/80 #4 72/80 #5 75/80 #6 74/80

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTIONS AND IS APPROVED FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY UNDER WO #52277.

DATE 07/19/01 AUTHORIZED SIGNATURE

Larry R. Woodson/CRS #UG1R531K

BP-119-LA (Rev. 8/94)

10-16-01 N5245C Lt. eng. HB3747.2
ENG 1457.1

Drained oil, Replaced oil Filter
CH48111, Serviced oil using
Aeroshell 100. Replaced drain
plug gasket. Leak CK good.

Robert Hoover AP438237080
TOTAL A/C TIME: 8045.5

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE
19____

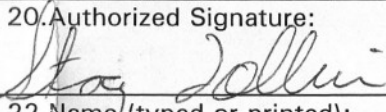
TOTAL TIME
IN SERVICE

HOURS 10ths

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3.SYSTEM TRACKING REF. NO. C042598	
4. ORGANIZATION ELECTROSYSTEMS, INC. P.O. BOX 273 AIRPORT COMPLEX FORT DEPOSIT, AL 36032						5.WORK ORDER, CONTRACT, OR INVOICE NO. W/O: M898090	
6. ITEM	7. DESCRIPTION	8. PART NO.	9.ELIGIBILITY*	10.QTY	11.SERIAL/BATCH NO.	12.STATUS/WORK	
1	STARTER ***** END *****	MHJ-4003S MOD/NO	TBV BY INSTALLER	1	C042598	OVERHAUL	
13. REMARKS A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH JAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA.4418 APPROVED FOR EXPORT THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO AND ORIG. MFG COMPLIES WITH PPS-9001 LATEST REVISION NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT DATA PLATE OVERHAULED PER PRESTOLITE TECHNICAL DATA MANUAL OE-A1,MHJ TECH DATED 4-1-83							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. NEW NEWLY OVERHAULED Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 ☒ Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
15. SIGNATURE:		16.FAA Authorization No:	20.Authorized Signature: 		21.Certificate Number: UT2R226L		
17.NAME (typed or printed)		18.DATE	22.Name (typed or printed): STACY TOLLIVER		23.DATE 4/19/02		
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 works 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 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. The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents. FAA Form 8130-3 *Optional, installer must cross check eligibility with applicable technical data.							

Aero Accessories Inc.

1240 Springwood Avenue • Gibsonville, NC 27249

FAA Cert. Rep. Sta. No. YV4R688M

(336) 449-5054 • (800) 822-3200



LIMITED WARRANTY AGREEMENT

Aero Accessories, Inc. warrants that this air pump is free from defects in material or workmanship (AA200/200 series) for a period of 2 years or 1000 hours from date of installation or, 4 years from date of remanufacture whichever first occurs. (AA240/240 series) and (AA400/400 series) a period of 1 year or 400 hours from date of installation or, 4 years from date of remanufacture whichever first occurs. Aero Accessories, Inc., will at its option repair or replace on an exchange basis any air pump remanufactured or supplied by it, which within the warranty period is returned, with freight prepaid, to it, and which upon examination is found to the satisfaction of Aero Accessories, Inc. to be defective in material or workmanship. This warranty does not apply to any air pump which has been subjected to misuse, neglect or accident, or which has been installed, repaired or altered in any way that in the judgment of Aero Accessories, Inc. has adversely affected the condition of the air pump. This is the sole and only warranty made by Aero Accessories, Inc. and no words or action by Aero Accessories, Inc., or its agents shall constitute a warranty. No agent, employee or representative of Aero Accessories, Inc. has any authority to bind Aero Accessories, Inc. to any affirmation, representation, or warranty concerning this air pump, and unless an affirmation, representation, or warranty made by any person, including Aero Accessories, Inc., its agents, employees or representatives, is specifically included in this writing entitled "LIMITED WARRANTY AGREEMENT", it shall not be enforceable by the buyer.

There are no warranties which extend beyond the description on the face hereof.

Buyer affirms that he/it has not relied upon the skill or judgement of Aero Accessories, Inc. to select this pump for any particular purpose, and this sale is made without any warranty by Aero Accessories, Inc. that this pump is suitable for any particular purpose. Furthermore, without limitation, there is given to Buyer no warranty of merchantability of goods sold hereunder.

The sole and exclusive remedy for the breach of any warranty(s) pertaining to goods accepted by Buyer pursuant to this agreement is limited to repair or replacement as specified above. In no event will Aero Accessories, Inc. be responsible for any incidental or consequential damages arising out of the failure of this air pump or part to operate properly or arising out of any breach of warranty. This exclusion of liability for consequential damages shall be effective and continue to be effective even if, and notwithstanding that the sole and exclusive remedy hereinabove provided for breach of any warranties shall fail (if it should) of the essential purpose of the remedy.

1. United States		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation • Federal Aviation Administration			3. System Tracking Ref. No. AA 38764	
4. Organization Aero Accessories, Inc. 1240 Springwood Avenue Gibsonville, NC 27249					5. Work Order, Contract, or Invoice Number: 38764	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Airborne Dry Air Pump	216CW	TBV By Installer	1	16622	Newly Overhauled
13. Remarks Overhauled & Tested in accordance with FAA Process Specification 203-6-1009						
<i>Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.</i>						
14. ☐ New ☐ Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorized Signature: Kim Claar		21. Certificate Number YV4R688M
17. Name (Typed or Printed):		18. Date		22. Name (Typed or Printed): KIM CLaar		23. Date 5-31-02

FAA Form 8130-3 (11/93)

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

r N5245C S/N:310R1523 HOBBS:3768.2

Travis Brown 433715580A&P.

[Signature] 10/05/00

N5245C S/N 310R1523 HOBBS: 3998.8

PERFORMED OIL CHANGE ON L/H ENG.
AND REMOVED AND REPLACED OIL FILTER
P/N CH48109. OPS CHECK LEAK CHECK
NORMAL, ALL WORK DONE IAW TELEDYNE
CONTINENTAL m/m.

3-05-02

TRAVIS BROWN 433715380A4

5/2/02 N5245C

HOBBS 4046.9

LEFT ENG

RAN ENGINES, DRAINED OIL, REMOVE OIL FILTER, INSTALLED NEW CH48109, SERVICED ENGINE W/ 11 QTS AEROSHELL W/100 SAFTIED OIL PLUG. RAN ENGINES, NO LEAKS NOTED. RETURNED TO SERVICE.

William B. B. B.

Att 433986707

N5245C

DATE: 7/10/02

HO335:474

REMOVED AND REPLACED 4H ENGINE
STARTER. P/N ON MHJ-40035 S/P ON
C042598 P/N OFF MHJ-4003 S/P OFF
A104737. OPS CHECK NORMAL ALL
WORK DONE IAW CESSNA m/m.

Super 4337455104

[illegible]

MAINTENANCE RECORD

AIR CHARTER ASSOCIATES INC.

N5245C
Left Engine

ATT: 8211.5
T.S.O.: 1623.1

09-9-02

Complied with an annual inspection, replaced right exhaust bank, gaskets and nuts. P/N: K9910295-14/ RA628260. Performed compression check: #1-75/80, #2-78/80, #3-79/80, #4-79/80, #5-78/80, #6-77/80. Adjusted magneto timing. Replaced prop shaft seal. P/N: 641307. Changed oil and oil filter, serviced with Aeroshell W100 and Champion oil filter CH48109. Replaced induction air filter BA-17. Adjusted engine idle mixture. No A.D.s due at this time. All work done I.A.W. Cessna 310R Maintenance Manual and Continental overhaul manual.

Robert Hoover AP438237080

Robert Hoover

I certify that this engine has been inspected in accordance with an Annual inspection and found to be airworthy and is approved for return to service.

Steven McCullough AIAP 435293433

Steven McCullough

AUTHORIZED SIGNATURE
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Installed new ignition harness set 2/4
engine Stick P/N M1730. Test run
engine, Engine performed well.
Returned to service W. Belich AP433986207

ATT
8212.1

END

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

[illegible]

Left Engine Log Entry 5 November 2003						
Hobbs:	4198.2	TTAF:	8294.5	Cessna	C-310R	S/N: 310R1523
L. Engine TT:	3593.4	L. Engine TSO:	1706.1	Continental	IO-520-MB1	S/N: 266007R
L. Prop TT:	3593.4	L. Prop TSO:	1232.6	McCauley	3AF32C504	S/N: 811386

Performed a **100 hour** inspection in accordance with FAR 43 Appendix D and Cessna 310R Maintenance Manual. Compression check: #1 74/80, #2 70/80, #3 76/80, #4 78/80, #5 72/80, #6 77/80. Engine to Magneto timing check was satisfactory. Installed new Brackett Aero induction **air filter BA-117**, replace at 8494.5 TTAf or by 1-Nov-05 whichever comes first. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first. **AD 98-01-08** Dated 23-December-1997 Does Not Apply, STC SE8594SW - Exhaust roller rocker arm's not installed. **AD 98-17-11** Amendment 39-10713 Does Not Apply as per Par(a)(1) engine was not disassembled for crankcase removal and repair in the time frame. **AD 99-09-17L** dated 22-April-1999 Crankshaft failure is superceded by AD 99-19-01. **AD 99-19-01** Amendment 39-11290 Crankshaft failure Does Not Apply, engine not overhauled between 1-January-1998 and 31-December-1998. **AD 2000-08-51E** dated 28-April-2000 Emergency crankshaft failures, superceded by AD 2000-23-21. **AD 2000-23-21** Amendment 39-11994 Crankshaft propeller mount flange core sample Does Not Apply, engine not assembled, rebuilt, or overhauled between 1-April-1998 and 31-March-2000.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Michael S. Brown
Michael S. Brown A&P5657-30-18 J

ED SIGNATURE
FICATE TYPE
NUMBR

[illegible]

Hobbs:	4198.2	TTAF:	8294.5	Cessna	C-310R	S/N: 310R1523
L. Engine TT:	3593.4	L. Engine TSO:	1706.1	Continental	IO-520-MB1	S/N: 266007R
L. Prop TT:	3593.4	L. Prop TSO:	1232.6	McCauley	3AF32C504	S/N: 811386

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Michael S. Brown
Michael S. Brown A&P565719918 IA

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

U.S. GOVERNMENT
PRINTING OFFICE
WASHINGTON, D.C. 20540

DATE _____

19

DRIZED SIGNATURE
RTIFICATE TYPE
& NUMBER

Performed a **100 hour** inspection in accordance with FAR 43 Appendix D and Cessna 310R Maintenance Manual. Compression check: #1 71/80, #2 69/80, #3 71/80, #4 74/80, #5 72/80, #6 71/86. Engine to Magneto timing check was satisfactory. Installed new Brackett Aero induction **air filter BA-117**, replace at 200 hrs / 8613.9 TTAF or by 01-December-2005, whichever comes first. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Michael S. Brown

Michael S. Brown A&P565719918 |A

Hobbs:	4317.6	TTAF:	8413.9	Cessna	C-310R	S/N:	310R1123
L. Engine TT:	3712.8	L. Engine TSO:	1825.5	Continental	IO-520-MB1	S/N:	266007R
L. Prop TT:	3712.8	L. Prop TSO:	1352	McCauley	3AF32C504	S/N:	811386

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Michael S Brown

Michael S. Brown A&P565719918 IA

MAINTENANCE RECORD

[illegible]

[illegible]

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE- TIME	RE- CURRING			
86-36-02	By inspection of Erg air filter.	8-16-89	6196.8 Hm = 2099.7	400.3		X	Hrs due when Hm = 3500.00	Whebray T Sandy AIP 142858	Engine work done by Rylee at SWC.
"	"	"	"	"		X	to Rylee and not 100% units in 2189.7	Whebray T Sandy	" "
86-13-04 R2 Amendment #	By inspection of cylinder for cracks	8-16-89	6196.8 Hm	1491.8		X	Hrs due when Hm = 2199.7	Whebray T Sandy	done work with Rg inspection
37-5555	Seperation		2099.7	"		X	Erg TSB = 1591.8	AK H5788	ok at the inspection time.
86-13-04 R3 Amend # 37-5555	By inspection of cylinder for cracks and separation	11-15-89	Hm = 2198.3 Hm	1590.4 Sine TSR B		X	Erg TSB of 1690.4	Whebray T Sandy AIP 142858	done work in of operat external NO discrepancy
86-36-02	By inspection of engine air filter - ACE	11-15-89	Hm. 2198.3	1590.4 Sine TSR B		X	Next Erg TSR B of 1690.4	Whebray T Sandy AIP 142858	done work with Rg inspection C/W ok like New.

N5245C Left Engine Log Entry 01-January-2006

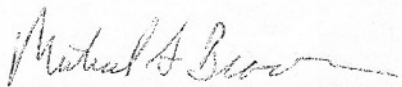
Hobbs:	4417.7	TTAF:	8514.0	Cessna	C-310R	S/N:	310R1523
L. Engine TT:	3822.9	L. Eng. TSO	1925.6	Continental	IO-520-MB1	S/N:	266007-R
R. Engine TT:	3822.9	L. Eng. TSA	219.5	Continental	IO-520-MB2	S/N:	266006-R
L. Prop TT:	3822.9	R. Eng. TSA	1452.1	McCauley	3AF32C504	S/N:	811386
R. Prop TT:	3822.9	R. Prop TSO	302.5	McCauley	3AF32C504	S/N:	805853
Heater Hobbs	1224.2	Heater TSO	198.5	South Wind	8259JR2	S/N:	1086

Performed Annual/100hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service manual.

Compression Check #1-69, 2-72, 3-75, 4-72, 5- 73, 6-75. Engine Magneto check was satisfactory. Bracket Air filter BA-17 is due to be replaced at TTAF 8613.9 or 01-Dec-2006 whichever comes first.

AD- 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks due at overhaul or engine removal whichever comes first.

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


Michael S. Brown A&P 565719918 IA

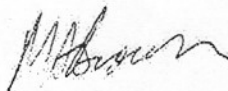
01 February 2007 Left Engine Log Entry N5245C

Hobbs:	4483.10	Airframe TT:	8579.40		
Left Tach:	"Hobbs"	Left Engine TT:	3878.30	Left Engine TSMOH:	1991.00
		Left Prop TT:	3878.30	Left Prop TSMOH:	1517.50

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 66/80, #2 70/80, #3 73/80, #4 78/80, #5 60/80, #6 66/80. Replaced Brackett Aero induction air filter BA-117 due each 200 hours at **8779.4 TTAF**. Changed oil and replaced oil filter. Replenished with 11 qts. Phillips 20W50XC.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



Michael S. Brown A&P565719918AI

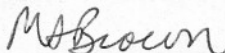
01 March 2008 Left Engine Log Entry N5245C

Hobbs:	4576.70	Airframe TT:	8673.00		
Left Tach:	"Hobbs"	Left Engine TT:	3971.90	Left Engine TSMOH:	2084.60
		Left Prop TT:	3971.90	Left Prop TSMOH:	1611.10

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 70/80, #2 76/80, #3 74/80, #4 78/80, #5 72/80, #6 71/80. Brackett Aero induction air filter BA-117 due each 200 hours at **8813.9 TTAF**. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN



Michael S. Brown A&P565719918AI

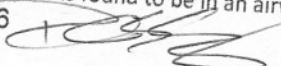
Left Engine Log Book

N5245C
S/N 266007-R
Hobbs 4601.1
TSMO 2109.0

Date 12/8/2008
Manufacturer Continental
Model IO-520-MB1
TTE 3996.3

Performed a 100 hr inspection IAW Cessna and Continental service and maintenance manual. Performed all service and lube items due. Removed and replaced oil with 12 qts of Aeroshell W100. Replaced oil filter with CH48109-1 filter. Cleaned, inspected, gaped and tested spark plugs. Inspected and cleaned fuel screen. Completed differential compression test. All results are /80psi. #1 68 #2 64 #3 70 #4 66 #5 68 #6 68. Base Line was 41/80psi. All ADs as of this date have been complied with. See AD compliance record. Ops and leak check OK. I certify that this engine has been inspected IAW a 100 hour inspection and is found to be in an airworthy condition.

Paul Schulz AP / IA 3417346



TrueBlock^{MC} Brevet de Technologie en attente
Utilisez le gabarit 5168^{MC}

Left Engine Log Book

N5245C
S/N 266007-R
Hobbs 4601.1
TSMO 2109.0

Date 12/8/2008
Manufacturer Continental
Model IO-520-MB1
TTE 3996.3

TrueBlock^{MC} Brevet de Technologie en attente
Utilisez le gabarit 5168^{MC}

Performed a 100 hr inspection IAW Cessna and Continental service and maintenance manual. Performed all service and lube items due. Removed and replaced oil with 12 qts of Aeroshell W100. Replaced oil filter with CH48109-1 filter. Cleaned, inspected, gaped and tested spark plugs. Inspected and cleaned fuel screen. Completed differential compression test. All results are /80psi. #1 68 #2 64 #3 70 #4 66 #5 68 #6 68. Base Line was 41/80psi. All ADs as of this date have been complied with. See AD compliance record. Ops and leak check OK. I certify that this engine has been inspected IAW a 100 hour inspection and is found to be in an airworthy condition.
Paul Schulz AP / IA 3417346

01 January 2010		Left Engine Log Entry		N5245C	
Hobbs:	4643.60	Airframe TT:	8739.90		
Left Tach:	"Hobbs"	Left Engine TT:	4038.80	Left Engine TSMOH:	2151.50
		Left Prop TT:	4038.80	Left Prop TSMOH:	1678.00
Performed Annual inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 77/80, #2 75/80, #3 67/80, #4 74/80, #5 75/80, #6 75/80. Brackett Aero induction air filter BA-117 due each 200 hours at 8813.9 TTAF. See supplemental log in aircraft for oil change information. AD 97-26-17 dated 01/23/1998 VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first. AD 2009-16-03 dated 9/9/2009 SAP cylinder assemblies, affected cylinders not installed, no further action necessary. AD 2009-19-07 dated 10/7/2009 TCM EQ3 cylinder cracks, affected cylinders not installed, no further action necessary. I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Michael S. Brown</i> Michael S. Brown A&P565719918AI					

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N5245C
WORK ORDER:
1171-08-2010

Eagle One Aviation
2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone: 702-496-1791

DATE: 8/11/2010
A/C TSN: 8757.1
ENG TT (R): 4056
TSMOH (R): 462.6
TACH: 4660.8

Right Engine Entries

Overhauled ea magnetos p/n 10-163020-3 s/n 5200943, replaced brushes, capacitors, dist blocks, contacts, seals, slingers and bearings. Installed all magnetos on aircraft and timed to engine. Ground run and op's checked okay.

DATE: 8/11/2010

SIGNED: *Larry Berreth*

Larry Berreth, A&P: 1683815IA

Work Order: 1171-08-2010

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
ENGINE S/N (L):
REG. NO: N5245C
WORK ORDER:
1171-08-2010

Eagle One Aviation
2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone: 702-496-1791

DATE: 8/11/2010
A/C TSN: 8757.1
ENG TT (L): 4056
TSMOH (L): 2168.7
TACH: 4660.8

Left Engine Entries

Overhauled 2 ea magnetos p/n 10-163020-1 s/n 856261, p/n 10-163020-3 s/n K053987OH, replaced brushes, capacitors, dist blocks, contacts, seals, 1 ea. coil (K053987OH), slingers and bearings. Installed all magnetos on aircraft and timed to engine. Ground run and op's checked okay.

DATE: 8/11/2010

SIGNED: *Larry Berreth*

Larry Berreth, A&P: 1683815IA

Work Order: 1171-08-2010

Printed by EBis 3 (datcomedia.com)

Eagle One Aviation
2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone: 702-496-1791
Fax: 702-631-0099
Date: 8/11/2010, 2:01 PM

CUSTOMER INFORMATION

Brooksby, Dr. Lyle
8960 W Cheyenne Ave STE 190
Las Vegas, NV 89129
702-367-4121
Reg. No: N5245C
Cessna 310R
Current A/C TT: 8757.1, Tach: 4660.8
A/C Serial: 310R1523

Customer Invoice
Work Order: 1171-08-2010

Item: 1 - Airworthy Engine				Hours	Subtotal
Discrepancy Overhaul 3 ea magnetos p/n 10-163020-3 s/n K0398Z3ER p/n 10-163020-3 s/n 5200943 p/n 10-163020-1 s/n 85621				9.00	757.35

Corrective Action
Overhauled 2 ea magnetos p/n 10-163020-1 s/n 856261, p/n 10-163020-3 s/n K053987OH, replaced brushes, capacitors, dist blocks, contacts, seals, 1 ea. coil (K053987OH), slingers and bearings. Installed all magnetos on aircraft and timed to engine. Ground run and op's checked okay.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		10-160844	Brush Assy		4.39	4.39
2		10-357281	Capacitor		75.80	151.60
2		10-357426	Dist. block		111.29	222.58
2		10-357586	Kit		113.75	227.50
3	EA	10-382584	Breaker		37.92	113.76
2	EA	10-382585	Contact		33.03	66.06
1		10-391213	Screw		1.52	1.52
3		10-400554	Oil seal		12.21	36.63
2		10-50752	Washer		0.72	1.44
3	EA	10-51678	Slinger		6.17	18.51
1		10-81806	Bearing		26.89	26.89
1		2-202	Ball bearing		40.66	40.66
15		4002-0	Ring		1.51	22.65
15		4002-G	Gromment		1.32	19.80
5		40S5-5S	Fastener		3.56	17.80
15		R4G	Ring		0.23	3.45

Labor: \$757.35	Parts: \$975.24	Shipping: \$28.98	Item Subtotal: \$1,761.57
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Item: 2 - Airworthy Engine				Hours	Subtotal
Discrepancy Overhaul 3 ea magnetos p/n 10-163020-3 s/n K0398Z3ER p/n 10-163020-3 s/n 5200943 p/n 10-163020-1 s/n 628473				N/C	0.00

Corrective Action
Overhauled ea magnetos p/n 10-163020-3 s/n 5200943, replaced brushes, capacitors, dist blocks, contacts, seals, slingers and bearings. Installed all magnetos on aircraft and timed to engine. Ground run and op's checked okay.

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Item Subtotal: \$0.00
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Please see the next page for the totals for this invoice

09 February 2011 Left Engine Log Entry N5245C			
Hobbs:	4687.00	Airframe TT:	8783.30
Left Tach:	"Hobbs"	Left Engine TT:	4082.20
		Left Prop TT:	4082.20
		Left Engine TSMOH:	2194.90
		Left Prop TSMOH:	1721.40
Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 75/80, #2 65/80, #3 77/80, #4 75/80, #5 67/80, #6 64/80. Installed new Rapco 216CW vacuum pump s/n B23042. Exhaust valve and guide reground on Cylinder #2 and 6. Reinstalled cylinders with new base seals p/n 532200, rocker cover gaskets p/n 534857, new intake gaskets p/n 536413 and push rod tube seals. Replaced starter seal p/n ms9021-038. Brackett Aero induction air filter BA-117 due each 200 hours at 8813.9 TTAF. See supplemental log in aircraft for oil change information. AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first. I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>John Brown</i> John Brown 14598491A			

ENGINE MODEL
ENGINE S/N (L)
REG NO N5245C
WORK ORDER
1348-08-2011

Eagle One Aviation
2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone 702-496-1791

DATE 8/26/2011
A/C TSN 8813 5
ENG TT (L) 4060 4
TSMOH (L) 2173 1
TACH 4717 2

Left Engine Entries

Installed new magneto harness on left engine. Reinstalled cowling, engine checked for Mag drop, op's checked okay. Manifold line was blown out. Ground run normal. Removed both magnetos on left engine, disassembled both magnetos, left Mag on left engine points and capacitor found bad, replaced with new parts, reassembled and reinstalled both magnetos, ground run okay.... Inspected top spark plugs on left engine, 4 ea. found to be running lean, 2 ea. running a little rich (back two cylinders). Cleaned spark plugs and reinstalled. Inspected exhaust and intake system, no defects found. Max static RPM is 2400 rpm, re clocked governor lever and had Horton's Avionics perform a static tach check, all found normal.

DATE 8/26/2011

SIGNED:

Larry Berreth, A&P 16638151A

Work Order: 1348-08-2011

Printed by EBis 3 (datcomedia.com)

Eagle One Aviation

2726 Perimeter Rd
 North Las Vegas, Nevada 89032
 Phone: 702-496-1791
 Fax: 702-666-8634
 Email: eagle1aviation@gmail.com
 Date: 7/26/2011, 11:06 AM

CUSTOMER INFORMATION

Brooksby, Dr. Lyle
 8960 W Cheyenne Ave STE 190
 Las Vegas, NV 89129
 702-367-4121
 Reg. No: N5245C
 Cessna 310R
 Current A/C TT: 8757.1, Tach: ~~48878~~
 A/C Serial: 310R1523 **4712.8**

Customer Invoice
Work Order: 1344-07-2011

Item: 1 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Left engine tach sender inop	4.00	220.00

Corrective Action

Removed and reinstalled tach generator p/n H60-050 s/n AF53-14833.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		H60-050	Tach Generator		645.00	645.00

Labor: \$220.00	Parts: \$645.00	Shipping: \$32.25	Item Subtotal: \$897.25
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Item: 2 - Airworthy Airframe

Discrepancy	Hours	Subtotal
No right brake	2.00	110.00

Corrective Action

Removed and overhauled right wheel brake cylinder. Bled brakes, ops check good.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1	QT	5606 Qt	AS Hydraulic Fluid 41 (QT)		3.50	3.50
3		MS28775-222	Packing		0.65	1.95

Labor: \$110.00	Parts: \$5.45	Shipping: \$0.00	Item Subtotal: \$115.45
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Additional Charges

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	6.60	0.00	0.00	\$6.60

Labor Summary

Shop Labor: \$330.00	Outside Repair: \$0.00
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Total Labor: \$330.00

Total Parts: \$650.45

Total Shipping: \$32.25

Additional Charges: \$6.60

Tax: \$55.83

Amount Due: \$1,075.13

Deposit: \$0.00

Balance Due: \$1,075.13

Taxed Items:

Oil Analysis, Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

Important Information

Brooksby, Dr. Lyle or Authorized Representative

Date

Eagle One Aviation

2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone: 702-496-1791
Fax: 702-666-8634
Email: eagle1aviation@gmail.com
Date: 9/2/2011, 12:23 PM

CUSTOMER INFORMATION

Brooksby, Dr. Lyle
8960 W Cheyenne Ave STE 190
Las Vegas, NV 89129
702-367-4121
Reg. No: N5245C
Cessna 310R
Current A/C TT: 8759, Tach: 4714.7
A/C Serial: 310R1523

Customer Invoice
Work Order: 1348-08-2011

Item: 1 - Airworthy Engine**Discrepancy**

Trouble shot left engine running rough

Hours	Subtotal
3.50	210.00

Corrective Action

Installed new magneto harness on left engine. Reinstalled cowling, engine checked for Mag drop, op's checked okay. Manifold line was blown out. Ground run normal.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		M1730	Slick harness		497.63	497.63

Labor: \$210.00	Parts: \$497.63	Shipping: \$32.24	Item Subtotal: \$739.87
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Item: 3 - Airworthy Airframe**Discrepancy**

Trouble shot left engine running rough

Hours	Subtotal
3.00	180.00

Corrective Action

Removed both magnetos on left engine, disassembled both magnetos, left Mag on left engine points and capacitor found bad, replaced with new parts, reassembled and reinstalled both magnetos, ground run okay.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		K3984	Capacitor Kit		118.62	118.62
1		M3081	Points		49.63	49.63
2	EA	SL12681	Gasket		1.17	2.34

Labor: \$180.00	Parts: \$170.59	Shipping: \$8.78	Item Subtotal: \$359.37
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Item: 4 - Airworthy Engine**Discrepancy**

Trouble shot left engine running rough

Hours	Subtotal
1.00	60.00

Corrective Action

Inspected top spark plugs on left engine, 4 ea. found to be running lean, 2 ea. running a little rich (back two cylinders). Cleaned spark plugs and reinstalled. Inspected exhaust and intake system, no defects found.

Labor: \$60.00	Parts: \$0.00	Shipping: \$0.00	Item Subtotal: \$60.00
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Item: 5 - Airworthy Airframe**Discrepancy**

Trouble shot left engine running rough

Hours	Subtotal
2.00	120.00

Corrective Action

Max static RPM is 2400 rpm, re clocked governor lever and had Horton's Avionics perform a static tach check, all found normal.

Labor: \$120.00	Parts: \$0.00	Shipping: \$0.00	Item Subtotal: \$120.00
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Please see the next page for the totals for this invoice

Phone: 702-495-1791, Fax: 702-666-8534 - 8/2/2011, 12:23 PM
880 North Las Vegas, Nevada 89102

WFO: 1348-08-2011

Additional Charges							Subtotal
Prior Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	\$213.40
0.00	0.00	0.00	0.00	11.40	0.00	202.00	

Labor Summary	
Shop Labor	\$570.00
Outside Repair	\$0.00

Taxed Items:
Oil Analysis, Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

Total Labor:	\$570.00
Total Parts:	\$688.22
Total Shipping:	\$41.02
Additional Charges:	\$213.40
Tax:	\$74.73
Amount Due:	\$1,587.37
Deposit:	\$1,200.00
Balance Due:	\$367.37

Important Information

pd \$
2055

Brookshy Dr. Lyle or Authorized Representative

Date

Date: Reg. # TAC Time: Total Time:
1/13/12 N

Retimed LT & RT. Magneto's to 20 degree BTDC. Pressure lubricated
LT. Engine Propeller Cable and reinstalled the left engine front cowling
IAW C/M/M. *Berge Welf* A&P 1988320

Date:

2/2/2012

Reg #:

N5245C

S/N

310R1523

Hobbs Time:

4726.8

Lt. Engine Right Magneto 300 RPM Drop, replaced two Spark Plugs on upper #1 & #3 cylinders with Autolite RHB-32E. Engine run and checked for satisfactory Mag drop, engine performed normal with 50 RPM drop indicated. R&R'ed Right engine FWD. Main Crankshaft Seal and right propeller crankshaft seal for leakage. Engine run and leak check completed IAW C/M/M and McCauley Propeller M/M. Paneled engines and engines & propeller returned to service. *George W. [Signature]* A&P 1988320

01 March 2012

Left Engine Log Entry

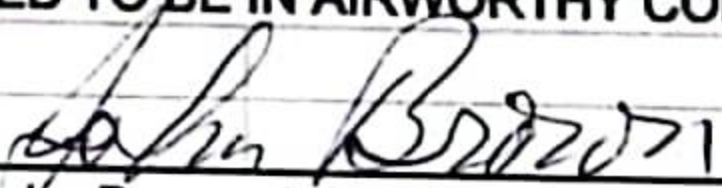
N5245C

Hobbs:	4733.60	Airframe TT:	8829.90		
Left Tach:	"Hobbs"	Left Engine TT:	4128.80	Left Engine TSMOH:	2241.50
		Left Prop TT:	4128.80	Left Prop TSMOH:	1768.00

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 76/80, #2 68/80, #3 78/80, #4 77/80, #5 78/80, #6 80/80. Replaced spark plugs with UA Govt Surplus BG341 18 mm long plugs. Replaced Brackett Aero induction air filter BA-117 due each 200 hours at 9029.9 TTAF. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


John Brown 1459849IA

DATE: REG#: TYPE: ESN: TAC/HOBB/TIME

11/03/12 N5235C Cessna 310

Left Engine: Removed #1 thru #6 cylinders rocker box covers, 6 intake and 6 exhaust rocker arms, 12 Push Rods, 12 push rod housings and replaced 24 push rod tube seals and re-assembled cylinders #1 thru #6, torqued valve rocker shaft mount bolts to 110 in lbs. Replaced 6 rocker box covers and torqued rocker box cover screws to 15/20 in. lbs. Retorqued intake manifold mount bolts and re-secured 8 intake coupling clamps. Removed TAC Generator and re-sealed engine case TAC Gen. garloc seal P/N CR5062 and TAC Generator mount seal P/N 653847 and torqued mount nuts to 100 in. lbs. Removed 12 spark plugs Mil-P-00788GA and re-gapped plugs to .018. Torqued plugs to 350 in lbs. Washed complete engine. R&R'ed Lt. Engine throttle cable assy with P/N 9910267-13 SN 0581. Removed Lt. Engine metering valve for overhaul. Re-installed metering valve and trim and leak checked engine, adjusted idle RPM and mixture idle cutoff. Engine performance run completed and engine returned to service. IAW IO520 Engine Overhaul Manual, Chapter 72 and applicable subdivisions and C/M/M Sect. 9, page 9-20. *George King B&P 1988320*

12 March 2013 Left Engine Log Entry N5245C

Hobbs:	4784.00	Airframe TT:	8880.30
Left Tach:	"Hobbs" Left Engine TT:	4179.20	Left Engine TSMOH: 2291.90
	Left Prop TT:	4179.20	Left Prop TSMOH: 1818.40

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 77/80, #2 40/80, #3 71/80, #4 77/80, #5 69/80, #6 73/80. Removed Cylinder #2, reground valves and seats, reinstalled with new base ring. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

John Brown
John Brown 1459849IA

9-28-13 Oil change request Filter
4826.1 10 QTS Phillips 20-50 HC

John Brown 332625

20 March 2015 Left Engine Log Entry N5245C

Hobbs	4882.50	Airframe TT:	8978.80
Left Tach	"Hobbs"	Left Engine TT:	4277.70
		Left Prop TT:	4277.70
		Left Engine TSMOH:	2390.40
		Left Prop TSMOH:	1916.90

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magneto timing and found within normal limits. Performed Compression Check: 1) 76 2) 75 3) 75 4) 77 5) 77 6) 70. See supplemental log in aircraft for oil change information. Replaced helicoil on cylinder #5.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

L Scott Brooksby 3321625 AP

John Brown 1459849IA

5-1-15 TACH 4885.2 OIL CHANGE 10 QTS Phillips 20-50XC
 Champion 40109 oil filter
 [Signature] 3321625 AP

20 March 2015

Left Engine Log Entry

N5245C

Hobbs:	4882.50	Airframe TT:	8978.80		
Left Tach:	"Hobbs"	Left Engine TT:	4277.70	Left Engine TSMOH:	2390.40
		Left Prop TT:	4277.70	Left Prop TSMOH:	1916.90

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magneto timing and found within normal limits. Performed Compression Check: 1) 76 2) 75 3) 75 4) 77 5) 77 6) 70. See supplemental log in aircraft for oil change information. Replaced helicoll on cylinder #5.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



L. Scott Brooksby 3321625 AP



John Brown 1459849IA

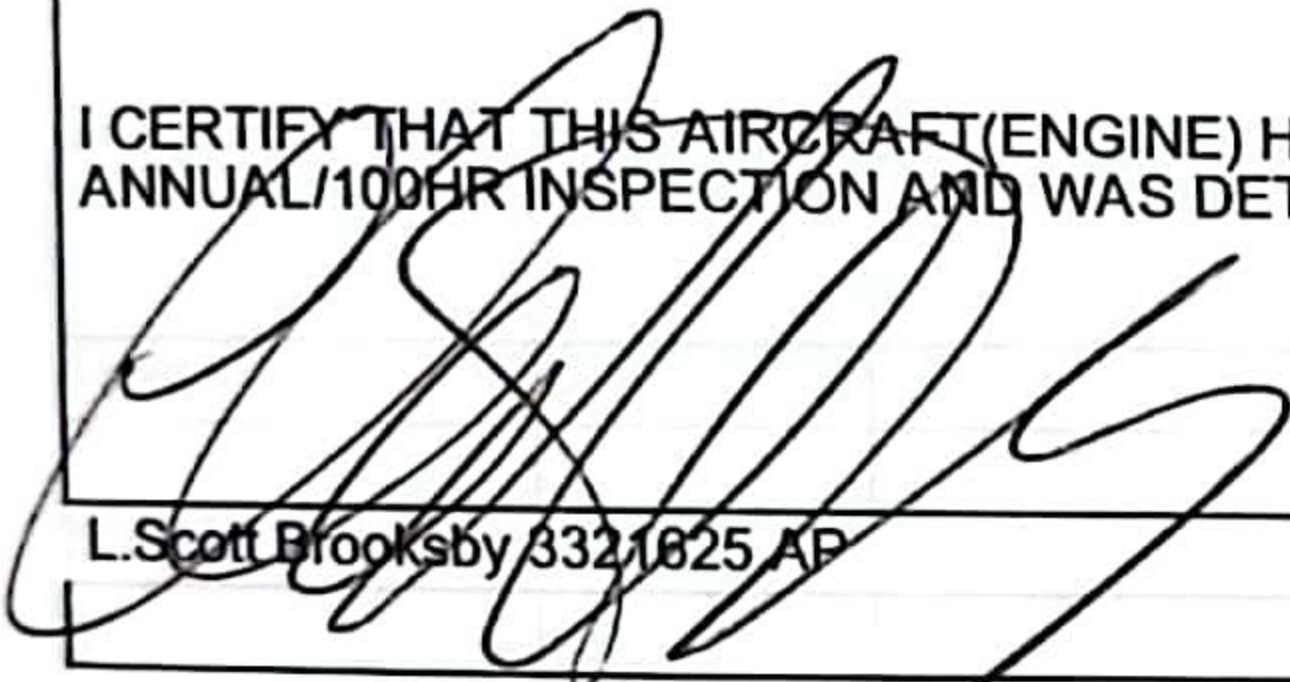
01 April 2016 Left Engine Log Entry N5245C

Hobbs:	4927.10	Airframe TT:	9023.40		
Left Tach:	"Hobbs"	Left Engine TT:	4322.30	Left Engine TSMOH:	2435.00
		Left Prop TT:	4322.30	Left Prop TSMOH:	1961.50

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magneto timing and found within normal limits. Performed Compression Check: 1) 78 2) 73 3) 76 4) 78 5) 74 6) 69. See supplemental log in aircraft for oil change information.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


L. Scott Brooksby 3321625 AP


John Brown 1459849IA

04 August 2017 Left Engine Log Entry N5245C			
Hobbs	4938.80	Airframe TT	9034.00
Left Tach	"Hobbs" Left Engine TT	4333.80	Left Engine TSMOH: 2446.50
	Left Prop TT	4333.80	Left Prop TSMOH: 1973.00
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magneto timing and found within normal limits. Performed Compression Check: 1) 78 2) 74 3) 76 4) 78 5) 74 6) 75. AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first. I CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  L. Scott Brooksby 3321625 IA			

7-4-18 Removed + had the fuel pump, fuel manifold +
 throttle body rescaled. Replaced left fuel hose from
 throttle body to manifold w/ help of Dan Donovaz.

 3321625 AP

29 August 2018**Left Engine Log Entry****N5245C**

Hobbs:	4961.90	Airframe TT:	9058.20		
Left Tach:	"Hobbs"	Left Engine TT:	4357.10	Left Engine TSMOH:	2469.80
		Left Prop TT:	4357.10	Left Prop TSMOH:	1996.30

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magneto timing and found within normal limits. Performed Compression Check: 1) 70 2) 64 3) 45 4) 75 5) 55 6) 78, Changed oil with 10 quarts Phillips 20-50 XC Tempest 48109 oil filter. .

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

L.Scott Brooksby 3321625 JA

J & J AIR PARTS, INC.

430 NORTH BRYANT
PLEASANTON, TX 78064
USA

Voice: 830-569-3892
Fax: 830-569-6403

INVOICE

Invoice Number: 156373
Invoice Date: May 10, 2021
Page: 1
Duplicate

Bill To:

L J AIR INC
2022 TAYLOR CUTOFF ROAD
SEQUIM, WA 98382
U.S.A.

Ship to:

LJ AIR
680 W. WASHINGTON ST. STE#E102
SEQUIM, WA 98382
U.S.A.

Customer ID	Customer PO	Payment Terms	
7267		CREDIT CARD	
Sales Rep ID	Shipping Method	Ship Date	Due Date
1EMAIL/MAIL	UPS GRD		5/10/21

Quantity	Item	Description	Unit Price	Amount
1.00	SA640482	STUD ROSAN (21), 640482	16.09	16.09
6.00	SA5201-SC2	RINGSET CHRM BORE(21), 654716CP	58.46	350.76
4.00	SA638172	BUSHING MAG RUBBER (21), 655269	2.75	11.00
1.00	SA646592-A1	BEARING SET (21), 646592A2	299.31	299.31
12.00	SA642398	BEARING CONNECTING ROD (21), 642398	8.42	101.04
1.00	SA646550-A1	GASKET SET (21), 646550A1	140.30	140.30
1.00	SA630046	PIN ASSY PISTON (21), 630046	44.84	44.84
1.00	SA641250	SEAL CASE NOSE (21), 641250	32.48	32.48
6.00	SA648013	PISTON (21), 654850	206.66	1,239.96
		TRK#1Z7715390359768467		
Subtotal				2,235.78
Sales Tax				
Freight				57.03
Total Invoice Amount				2,292.81
Payment/Credit Applied				
TOTAL				2,292.81

ALL PRODUCTS FURNISHED ON
THIS ORDER CONFORM TO
MATERIAL AND PROCESSES OF TI
MANUFACTURER
2% courteous fee for all payments made
with a credit card eff 6/1/16

J & J AIR PARTS, INC.

430 NORTH DRYANT
PLEASANTON, TX 78064
USA

Voice: 830-569-3892
Fax: 830-569-6403

INVOICE

Invoice Number: 156754
Invoice Date: May 28, 2021
Page: 1
Duplicate

Bill To:

L J AIR INC
2022 TAYLOR CUTOFF ROAD
SEQUIM, WA 98382
U.S.A.

Ship to:

LJ AIR
4333 N. TORREY PINE DRIVE
LAS VEGAS, NV 89108
U.S.A

Customer ID	Customer PO	Payment Terms	
7267		CREDIT CARD	
Sales Rep ID	Shipping Method	Ship Date	Due Date
1EMAIL/MAIL	UPS GRD		5/28/21

Quantity	Item	Description	Unit Price	Amount
12.00	SL75061	BOLT C ROD (21), AEL75061, 75061	35.28	423.36
12.00	SL12186	NUT HEX (21), AEL12186, LW-12186	2.73	32.76
TRK#1Z7715390360593901				
Subtotal				456.12
Sales Tax				
Freight				25.56
Total Invoice Amount				481.68
Payment/Credit Applied				
TOTAL				481.68

ALL PRODUCTS FURNISHED ON
THIS ORDER CONFORM TO
MATERIAL AND PROCESSES OF TI
MANUFACTURER
2% courteous fee for all payments made
with a credit card eff 6/1/16

Avian Aeronautics, Inc.

Bremerton National Airport
8900 State Hwy 3 SW-Suite 102
Bremerton, WA 98312

INVOICE

Invoice Number: 21-22214
Invoice Date: Mar 10, 2021
Page: 1

Voice: 360-674-2244
Fax: 360-674-2551

Bill To:

Scott Brooksby
2022 Taylor Cutoff Rd.
Sequim, WA 98382

Ship to:

Scott Brooksby
2022 Taylor Cutoff Rd.
Sequim, WA 98382

Customer ID	Customer PO	Payment Terms	
BROOKSBY	C&I IO-520-MB	Prepaid	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	UPS, Normal		3/10/21

Quantity	Item	Description	Unit Price	Amount
1.00	LBCS401-6	CRANKSHAFT: Clean, NDT & Advise only. PN:649898, SN:851535 "VAR"	1,185.00	1,185.00
6.00	LBCR601	CON-ROD: Clean, Inspect & NDT.		
4.00	LBCW501C	COUNTERWEIGHT: Clean and NDT only.		
12.00	LBVT806	ROCKER ARM: Inspect & Advise		
3.00	LBR, NDTINSP	Clean & Magnetic particle and/or penetrant inspection completed to the following parts:		
1.00		*Gear, Crankshaft		
1.00		*Gear, Idler		
1.00		*Gear, Camshaft		
1.00		*Gear, Crankshaft Large		
1.00		*Gear, Governor, Driven		
1.00		*Gear, Oil pump Drive		
1.00		*Gear, Oil pump Driven		
1.00		*Gear, Alternator Facedrive		
2.00		*Gear, Magneto drive		
Subtotal				1,185.00
Sales Tax				106.65
Freight				
Total Invoice Amount				1,291.65
Payment/Credit Applied				
TOTAL				1,291.65

Check/Credit Memo No:

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 629360 GEAR, Idler Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 2
Part Number: 641728 Mag drive Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

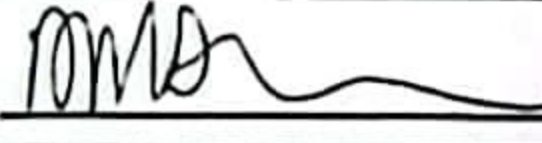
Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 629747 GEAR, Governor Dr. Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

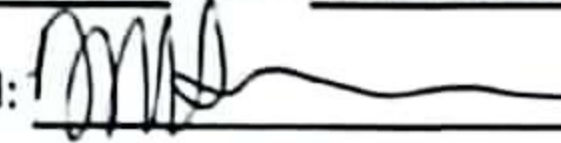
Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 632018 GEAR, Alt. Dr. Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 8
Part Number: 641391-10.75-Thru-Bolts Crs Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

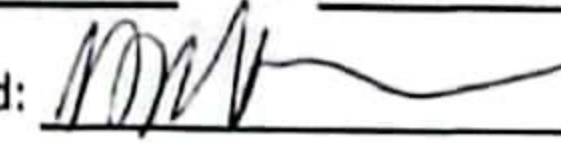
Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 631016, Impeller Driven Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 631075 Impeller Drive Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 6
Part Number: 646476 Con Rods Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 632892 Gear, C/S. Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1
Part Number: 631845 Gear, Cam Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 2
Part Number: 639195 C/W Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

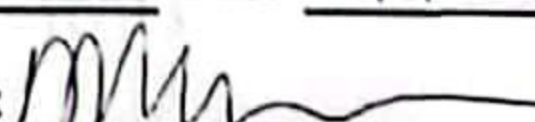
Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 2
Part Number: 639196 C/W Serial No. NA
Remarks: Clean and Magnaflux-Certify Crack Free Only
--end--

I certify that the work performed to the component(s) identified above was repaired and/or inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Make: CMI Model IO-520-MB No. Pieces 1

Part Number: 649898 Crankshaft Serial No. 8851535

Remarks: Clean and Magnaflux-Certify Crack Free Only
--end-- (STD/STD)

I certify that the work performed to the component(s) identified above was inspected in accordance with current regulations of the FAA. The component identified above may require additional work and inspection prior to returning to service.

Details are on file at this agency under WO# 21-11098 Date 3/8/2021

Certification No. AP2782206 Signed: 

LIMITED REPAIR

Avian Aeronautics, Inc.

Bremerton National Airport
8900 State Hwy 3 SW-Suite 102
Bremerton, WA 98312

INVOICE

Invoice Number: 21-22214
Invoice Date: Mar 10, 2021
Page: 1

Voice: 360-674-2244
Fax: 360-674-2551

Bill To:

Scott Brooksby
2022 Taylor Cutoff Rd.
Sequim, WA 98382

Ship to:

Scott Brooksby
2022 Taylor Cutoff Rd
Sequim, WA 98382

Customer ID	Customer PO	Payment Terms	
BROOKSBY	C&I IO-520-MB	Prepaid	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	UPS, Normal		3/10/21

Quantity	Item	Description	Unit Price	Amount
1.00	LBCS401-6	CRANKSHAFT: Clean, NDT & Advise only. PN:649898, SN:851535 "VAR"	1,185.00	1,185.00
6.00	LBCR601	CON-ROD: Clean, Inspect & NDT.		
4.00	LBCW501C	COUNTERWEIGHT: Clean and NDT only.		
12.00	LBVT806	ROCKER ARM: Inspect & Advise		
3.00	LBR,NDTINSP	Clean & Magnetic particle and/or penetrant inspection completed to the following parts:		
1.00		*Gear, Crankshaft		
1.00		*Gear, Idler		
1.00		*Gear, Camshaft		
1.00		*Gear, Crankshaft Large		
1.00		*Gear, Governor, Driven		
1.00		*Gear, Oil pump Drive		
1.00		*Gear, Oil pump Driven		
1.00		*Gear, Alternator Facedrive		
2.00		*Gear, Magneto drive		
Subtotal				1,185.00
Sales Tax				106.65
Freight				
Total Invoice Amount				1,291.65
Payment/Credit Applied				
TOTAL				1,291.65

Check/Credit Memo No:

J & J AIR PARTS, INC.

430 NORTH BRYANT
PLEASANTON, TX 78064
USA

Voice: 830-569-3892
Fax: 830-569-6403

INVOICE

Invoice Number: 157167
Invoice Date: Jun 21, 2021
Page: 1
Duplicate

Bill To:
L J AIR INC 2022 TAYLOR CUTOFF ROAD SEQUIM, WA 98382 U.S.A.

Ship to:
LJ AIR 680 W. WASHINGTON ST. STE#E102 SEQUIM, WA 98382 U.S.A.

Customer ID	Customer PO	Payment Terms	
7267		CREDIT CARD	
Sales Rep ID	Shipping Method	Ship Date	Due Date
1EMAIL/MAIL	UPS NEXT DAY		6/21/21

Quantity	Item	Description	Unit Price	Amount
4.00	SA643626-105	PIN (21), 643626-105 TRK#1Z7715390160892252	8.39	33.56

ALL PRODUCTS FURNISHED ON
THIS ORDER CONFORM TO
MATERIAL AND PROCESSES OF TI
MANUFACTURER
2% courteous fee for all payments made
with a credit card eff 6/1/16

Subtotal	33.56
Sales Tax	
Freight	35.94
Total Invoice Amount	69.50
Payment/Credit Applied	
TOTAL	69.50

J & J AIR PARTS, INC.

430 NORTH BRYANT
PLEASANTON, TX 78064
USA

Voice: 830-569-3892
Fax: 830-569-6403

INVOICE

Invoice Number: 156863
Invoice Date: Jun 4, 2021
Page: 1
Duplicate

Bill To:
L J AIR INC 2022 TAYLOR CUTOFF ROAD SEQUIM, WA 98382 U.S.A.

Ship to:
ATTN: SCOTT BROOKSBY LJ AIR 680 W. WASHINGTON ST. STE#E102 SEQUIM, WA 98382 U.S.A.

Customer ID	Customer PO	Payment Terms	
7267		CREDIT CARD	
Sales Rep ID	Shipping Method	Ship Date	Due Date
1EMAIL/MAIL	UPS GRD		6/4/21

Quantity	Item	Description	Unit Price	Amount
2.00	SA643626-103	PIN (21), 643626-103	8.39	16.78
2.00	SA643626-104	PIN (21), 643626-104	8.39	16.78
4.00	SA643626-101	PIN (21), 643626-101, SA630261-34	8.39	33.56
16.00	SA629104	RING (21) , 629104	0.35	5.60
16.00	SA643629	PLATE (21), 643629	0.98	15.68
TRK#1Z7715390359832851				
Subtotal				88.40
Sales Tax				
Freight				17.19
Total Invoice Amount				105.59
Payment/Credit Applied				
TOTAL				105.59

ALL PRODUCTS FURNISHED ON
THIS ORDER CONFORM TO
MATERIAL AND PROCESSES OF TI
MANUFACTURER
2% courteous fee for all payments made
with a credit card eff 6/1/16

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number SH18-31814	
4. Organization Name and Address: FAA CRS BCM2R747K				5. Work Order/Contract/Invoice Number: Same #3		
AUTOPILOTS CENTRAL, INC. HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ACTUATOR	43989.4908	1	5018	REPAIRED	
12. Remarks: Reference attached service shop report for work performed.						
13a. 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 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ 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: R. E. Pruitt		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No. CM2R747K		
				14d. Name (Typed or Printed): ROBERT E. PRUITT		
				14e. Date (dd/mm/yyyy): 14 FEB 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.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number SH18-31814	
4. Organization Name and Address: FAA CRS #CM2R747K				5. Work Order/Contract/Invoice Number: Same #3		
AUTOPILOTS CENTRAL, INC. HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ACTUATOR	45850.3914	1	7662	INSPECTED	
12. Remarks: Reference attached service shop report for work performed.						
13a. 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 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ 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: R. E. Pruitt		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No. CM2R747K		
				14d. Name (Typed or Printed): ROBERT E. PRUITT		
				14e. Date (dd/mm/yyyy): 14 FEB 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.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

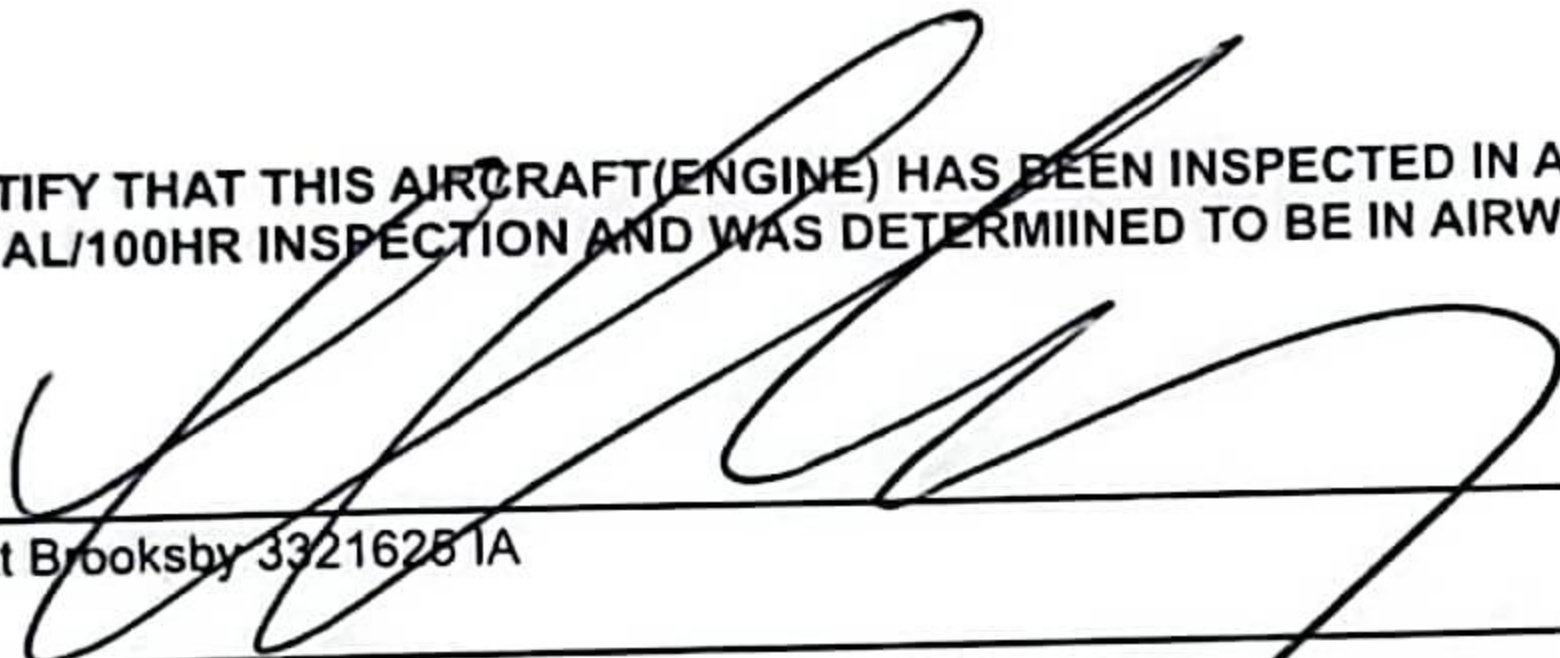
23 July 2021 Left Engine Log Entry N5245C

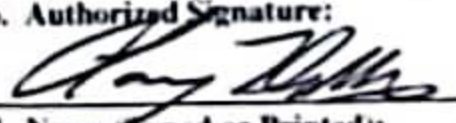
Hobbs:	5003.50	Airframe TT:	9099.80		
Left Tach:	"Hobbs"	Left Engine TT:	4398.70	Left Engine TSMOH:	0.00
		Left Prop TT:	4398.70	Left Prop TSMOH:	2037.90

Removed, Overhauled and re-installed engine by refence to Cessna 310R Service manual, IO-520 MB service manual, Continental M-0 Standard practice maintenance manual. All AD's complied with through May 2021. Pertinent details of the overhaul are on file under workorder 1057. Installed three rebuilt fuel lines. Standard bearings were used. Inspected right mag.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks complied with by Premier Aircraft engines. Next due at overhaul.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


L.Scott Brooksby 3321628 IA

1. Approving Civil Aviation Authority/Country: FAA/United States FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: W054562-100	
4. Organization Name and Address: WESTERN SKYWAYS 21 CREATIVE PLACE MONTROSE, COLORADO 81401 (WS9R575J)					5. Work Order/Contract/Invoice Number: W054562	
6. Item: 1 2 3	7. Description: FUEL PUMP MANIFOLD VALVE FUEL CONTROL UNIT	8. Part Number: 646212-17 641032-12A3 632916-2	9. Quantity: 1 1 1	10. Serial Number: L078516RB L068505RC L058506RA	11. Status/Work: REPAIRED	
12. Remarks: 1. Repaired in accordance with Overhaul Manual WS1000 2. Complied with applicable SB's and AD's to date. A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ 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.: WS9R575J
13d. Name (Typed or printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): LARRY FLATTEN		14e. Date (dd/mm/yyyy): 04 JUN 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.						

20 January 2023 Left Engine Log Entry N5245C

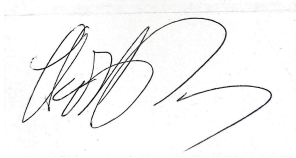
Hobbs	5003.50	Airframe TT:	9099.80		
Left Tach.	"Hobbs"	Left Engine TT:	4398.70	Left Engine TSMOH	0.00
		Left Prop TT:	4398.70	Left Prop TSMOH	2037.90

Inspected by refence to Cessna 310R Service manual, IO-520 MB service manual, Continental M-0 Standard practice maintenance manual. Cleaned, gapped and tested resistance on all plugs. Boroscoped all cylinders. Checked magneto timing. 1- 62/80 2- 60/80 3-57/80 4-61/80 5- 51/80 6-66/80.

AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks complied with by Premier Aircraft engines. Next due at overhaul.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

L.Scott Brooksby 33216251A

03 May 2024 Left Engine Log Entry N5245C			
Hobbs:	5011.30	Airframe TT:	9107.60
Left Tach:	"Hobbs"	Left Engine TT:	4406.50
		Left Prop TT:	4406.50
		Left Engine TSMOH:	7.80
		Left Prop TSMOH:	2045.70
Inspected by refence to Cessna 310R Service manual, IO-520 MB service manual, Continental M-0 Standard practice maintenance manual. Cleaned, gapped and tested resistance on all plugs. Boroscoped all cylinders. Checked magneto timing. Compressions checked 1- 62/80 2- 60/80 3-57/80 4-61/80 5- 51/80 6-66/80. AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks complied with by Premier Aircraft engines. Next due at overhaul. I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 			
L.Scott Brooksby 3321625 IA			

06 June 2025 Left Engine Log Entry N5245C			
Hobbs:	5014.60	Airframe TT:	9110.90
Left Tach:	"Hobbs"	Left Engine TT:	4409.80
		Left Prop TT:	4409.80
		Left Engine TSMOH:	11.10
		Left Prop TSMOH:	2049.00
Inspected by refence to Cessna 310R Service manual, IO-520 MB service manual, Continental M-0 Standard practice maintenance manual. Cleaned, gapped and tested resistance on all plugs. Boroscoped all cylinders. Checked magneto timing. Compressions checked 1- 78/80 2- 65/80 3-73/80 4-67/80 5- 78/80 6-65/80. Replaced left muffler with part number #8282-1. WO 085998-0001. AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks complied with by Premier Aircraft engines. Next due at overhaul. I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 			
L.Scott Brooksby 3321625 IA			

01 July 2026 Left Engine Log Entry N5245C			
Hobbs:	5023.50	Airframe TT:	9119.80
Left Tach:	"Hobbs"	Left Engine TT:	4418.70
		Left Prop TT:	4418.70
		Left Engine TSMOH:	20.00
		Left Prop TSMOH:	2057.90
Inspected by refence to Cessna 310R Service manual, IO-520 MB service manual, Continental M-0 Standard practice maintenance manual. Cleaned, gapped and tested resistance on all plugs. Boroscoped all cylinders. Checked magneto timing. Compressions checked 1- 75/80 2- 70/80 3-72/80 4-70/80 5- 75/80 6-76/80. AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks complied with by Premier Aircraft engines. Next due at overhaul. I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMIINED TO BE IN AIRWORTHY CONDITION. 			
L.Scott Brooksby 3321625 IA			