

Right Engine Port 2

TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

REBUILT ENGINE

LOG

N5245C

AIRCRAFT N NUMBER

70-520-M01

ENGINE MODEL NUMBER

266006R

ENGINE SERIAL NUMBER

This engine model T0520MB1, Serial No. 266006-R,
was rebuilt on 12-17-85 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 Jague

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

ENGINE DESCRIPTION

TYPE H- opposed MODEL TA-520 MB1 SERIAL NO. 266006 R

RATED H.P. 285 MAXIMUM H.P. 2700

RATED R.P.M. _____ MAXIMUM R.P.M. _____ 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 _____

OWNER'S NAME _____

ADDRESS _____ CITY _____ STATE _____

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
85					
12-24	A/c Hain meter				
	This engine				
	Serial No 1525 - a				
	lost maintenance and				
	Prop governor P/N 11				
	and oil leak for				
	and fuel leak				
FINAL INSPECTION WORK ORDER					
DATE	12-25-85				
Authorized Inspector					
BROUGHT FORWARD FOURNET AIR SERVICE					
REPAIR STATION NUMBER 2					
MUNICIPAL AIRPORT, LAFAYETTE					

R/A 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.			
85													
12-24	A/c	Hour	meter	=	608	hour	-				Totals hrs airframe	4704	hour
											This engine installed on the R/A side of N 3245C.		
											Serial NO 1525 - cum 3100 model. Engine disassembled with new		
											load mounts and new load mount Ball. Installed new		
											Prop governor PIN DCFS2901743 - 1/2 - 790973 Pre-oil engine		
											und. shell 50 wt. non det oil. Run up check for fuel		
											and oil leak found ok. Run up to check fuel flow ok		
											Report oil RPM and idle speed. - Re inspect for oil leak -		
											and fuel leak ok - none found.		
											Receipt Hour Meter = 608 hr		
											T.T. A/F - - - 4704 hr		
											Engine T.T. - TSPB - zero -		
											Whitney T. Savoy		
											ATP 1452858		
FINAL INSPECTION WORK ORDER 3615 DATE 12 25 - 85 Authorized Inspector <i>[Signature]</i> BROUGHT FORWARD JOURNAL AIR SERVICE, INC. TOTALS REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													

ENGINE LOG

[illegible]

DATE	R.P.M.		TIME ON GROUND			
	Ground	Air	Hrs.	Min.	Total	Miles
86						
2-20-			Change oil and Comp checked @ Clean and go			
I CERTIFY THAT THIS ENGINE HAS BEEN						
IN ACCORDANCE WITH A						
INSPECTION AND WAS DETERMINED TO BE IN						
WORTHY CONDITION.						
TOTAL TIME			We Have Miles			
ENGINE			100 hr.			
WORK ORDER			3847			
DATE			2-20-86			
			Aubrey J. Low			
			Authorized Signature			
			PAUL FOURNET AIR SERVICE,			
CERTIFICATE REPAIR STATION NUM						
BROUGHT FORWARD			MUNICIPAL AIRPORT, LAFAYETTE			
TOTALS						

LICENSE
NUMBER

741	155 70 1801

R/4

[illegible]

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
86					
-6-86	Hawmeters -				725
	installed				P/M
	AO not				76-00
	alternator				
	alternator at				
	leaf gear				
	FINAL INSPECTION WORK				
DATE	3-6-85				
	Whitney J				
	Authorized Inspector				
	PAUL FOURNET AIR				
	REPAIR STATION NO				
	MUNICIPAL AIRPORT, M				
BROUGHT FORWARD					
TOTALS					

725-

[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.			
3-17-86											Installed vacuum pump 212 CW SK 9 AA 40 46 static pump, checked SK, NO oil level out leaks HM 747. Did with APP 58310		
3-23-86	HM 758										performed 50 hr ins - changed oil and filter using 1 qt AeroShell 150 wt detergent washed, ran, leak checked found no leakage. Donald E. Latham APP 5782867		
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
86					
6-17-	change oil and				
	① 20/80 ② 20/80 ③				
I CERTIFY THAT THIS ENGINE H					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMIN					
WORTHY CONDITION. Ham					
TOTAL TIME					
ENGINE 202					
WORK ORDER 4443					
DATE 6-17-86					
Secretary J					
Authorized Signat					
PAUL FOURNET AIR SER					
CERTIFICATE REPAIR STATIO					
BROUGHT FORWARD MUNICIPAL AIRPORT, LAF					
TOTALS					

STATEMENTS	SIGNATURE	LICENSE NUMBER
812 CW run up, checked hubs		
4 M 747. Sid Miller 148858310		
oil and detent is leakage.		
828767		

R/H

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.				
86														
17-	Change oil and oil filter used Shell 50 wt. Det oil Comp checked.													
	(1) 7480 (2) 7480 (3) 7480 (4) 7480 (5) 7480 (6) 7480 - clean and goz spark plug checked mag timing ok													
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED												Sewer R/H engine cross over w/ p/s plump richer intake valve #4 & #6 intake have clamp loose. Second, Exhaust system ok by inspection engine mounts ok. And mounts ok clean fuel tumble screen, air filter ok by inspection. Pressure checked fuel and oil lines ok engine controls ok Sewer loose Prop control - in engine at clamp - under #6 glycerin - coming ok by inspection. fuel injectors ok 1/16 AD note 76-02-07 by inspection of alternator Bearings due at 100 hr int.		
IN ACCORDANCE WITH A annual (WAM)														
INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.														
TOTAL TIME Hour Meter = 810 hour														
ENGINE	202													
WORK ORDER	4443													
DATE	6-17-86													
Archibutey T. Savary														
Authorized Signature														
PAUL FOURNET AIR SERVICE, INC.														
CERTIFICATE REPAIR STATION NUMBER 2225														
BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE, LA.														
TOTALS														

Severe R/H engine cross over p22 plamp
right intake valve #4 + #6 intake have
clamp loose secured, Exhaust system
ok By inspection engine mounts
ok load mounts ok, clean fuel
tumble screen, air filter ok, By
inspection. Pressure checked fuel and
oil lines ok, engine controls ok
Severe loose Prop control - in engine
at clamp - under #6 cylinder - caulking
ok By inspection. fuel injectors ok
1/2 in. ADNOTE 76-0207 By inspection of
alternator Bearings due at 100 hr int.

"Continued on the Next Page"
Archibutey T. Savary A14 1452858

R// 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.			
8-17-80	Hour Meter = 80 hrs TT engine = 302 hrs. Continued from the previous page. Whitely T. Searcy ATP 1452838, inspect engine case and cylinder for cracks none found with engine run - checked oil. Please see Rec'd of Book for the AD rule compliance and Compliance Record Book.												
7-21-86	Checked and found no oil - was engine - run - checked - complete 75 hr inspection - in note 860 Jack J. Brough ATP 1940083												
7-21-86	C/w AD rule 84-73-04. By inspecting engine guards to head. For cracks and operations all none found. TACH: 860 - TT engine - 252 hrs. Whitely T. Searcy ATP 1452838												
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
86					
9/2/86	AC 400-910 h.				
	filter for metal				
	installed new				
I CERTIFY THAT THIS ENGINE					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERM					
WORTHY CONDITION.					
TOTAL TIME					
ENGINE (TSRB) = 302 h.					
WORK ORDER 4736					
DATE 9-2-86					
Whitney T.					
Authorized Sign					
PAUL FOURNET AIR SI					
CERTIFICATE REPAIR STATI					
MUNICIPAL AIRPORT, LA					
BROUGHT FORWARD					
TOTALS					

P14.

4TS

9/2/80

I CERTIFY THAT HIS ENGINE HAS BEEN INSPECTED

IN ACCORDANCE WITH A 100
INSPECTION AND WAS DETERMINED TO BE IN AIR
WORTHY CONDITION. How Much 8108

[illegible]

ENGINE (TSRB) = 302 hrs / (Photo, Refund)

WORK ORDER	4736				
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DATE 9-2-86

Whitney T. Sawyer

		Authorized Signature			
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	PAUL FOURNET AIR SERVICE, INC.	
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CERTIFICATE REPAIR STATION NUMBER 2225

BROUGHT FORWARD	MUNICIPAL AIRPORT	LAFAYETTE, LA.
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[illegible]

Relief SO nit. Detrol. Injekt removed oil
Red. (1) 72/80 (2) 76/80 (3) 75/80 (4) 73/80 (5) 77/80 (6) 74/80
Timing checked ok 22° BTC. Both - intake
Exhaust System ok by inspection engine
manifolds + manifolds ok by inspection Pressure check
the fuel deliver engines compartment found ok -
new injected found ok clean air filter
catalytic ok by inspection engine
valves ok by inspection inject crank case
rocks none found, drained the fuel
for nozzle. The AD note 7-02-07 matterator
by inspection ok clean fuel trimble screen,
all Fuel Pressure Switch - new Switch -
clamps on alternator noise suppresser clasp -
engine Run - no checked ok causing ok
and engine See Part of this Book for the
AD note compliance and Compliance Prod.
End —

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.			
86													
10-9-86											air Ham Melt = 960' in (TSRB = 3524 in). accomplished 50 in inspection change oil and oil filter, used Shell 50 wt. Jet-oil. C/W AD Note 86-13-04 RT By inspection of cylinders found no discrepancy -		
FINAL INSPECTION WORK ORDER <u>4873</u> DATE <u>10-9-86</u> <u>Whitney J. Savoy</u> Authorized Inspector PAUL FOURNET AIR SERVICE, INC. REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Sec.
86					
	change oil and				
	③ 7580		③ 7480		④
I CERTIFY THAT THIS ENGINE IS					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMINED TO BE IN					
WORTHY CONDITION.					
TOTAL TIME					
ENGINE (TSRB) 402					
WORK ORDER 4978					
DATE 11-12-86					
Whitney J. S.					
Authorized Sign					
PAUL FOURNET AIR ST					
CERTIFICATE REPAIR STATE					
BROUGHT FORWARD					
MEMORIAL AIRPORT, LA					
TOTALS					

oil and oil
e 86-13-04 RI

R/#

[illegible]
$$H_m = 1010$$

TOTAL TIME	01:14	10:10			
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ENGINE	(TSRB)	402 h.	
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WORK ORDER	4978		
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DATE	11-12-86			
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Whitney T. Sawyer

Authorized Signature

PAUL FOURNET AIR SERVICE, INC.

CERTIFICATE REPAIR STATION NUMBER 2225

BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE, LA

TOTALS

Shell 50 wt. Det. oil - comp checked ① 75/80
② 73/80 Clean and gap spark plugs -
checked. Mog tuning, intake and
Exhaust System OK. By injection engine
mainly and accessories OK. By injection
clean fuel timble screen, inject engine
air filter. ④w AD Note PL-26-03, ok. By injection
inject fuel and oil lines, found ok. pressure
checked ok, engine controls ok, clean main
fuel screen. ④w AD Note PL-13-04-R1
By injection of Glushko found NO necessary
due at 30 hrs interval interval engine has 300h
than at 100h interval - wash engine room.
up checked ok Re count engine
See Plan of Book for the AD Note compliance
and compliance Record. No -

ENGINE LOG

BROUGHT FORWARD	
TOTALS	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

BROUGHT FORWARD

TOTALS

STATEMENTS	SIGNATURE	LICENSE NUMBER
86-13-04R2 By order to Cylinder cracks and separation not at TSB on or H in time of oil change. Change using 11 qts Integrit. Washup, leakage present 13 Lubolam A4P43782767		

P6-13-04R2 B7
 under to cylinder
 cross and operation
 next at TSB on
 or H in time of
 Oil Change, Change of
 using 11 qts
 + integral. Washed,
 brake pads
 13 L. B. L. L.
 44P03782867

ENGINE LOG

[illegible]

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

TOTAL TIME	Hour	Min	Sec	110.0
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ENGINE 75 RB = 502 km.

WORK ORDER		5316
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DATE	3-	12-87
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Authorized Signature
PAUL FOUNDER AND SERVICE, INC.

PAUL FOURNET AIR SERVICE, INC.
 CERTIFICATE REPAIR STATION NUMBER 2225
 MUNICIPAL AIRPORT, LAFAYETTE, LA.
 BROUGHT FORWARD

BROUGHT FORWARD

TOTALS

Shell 30 wt. Det oil comp
74/100 @ 75/100 @ 75/100 clean and
good spark plugs mag timing
old intake & Exhaust System ok
inject fuel and oil looks ok
engine valve and camshaft
ok - mounts ok work
pump - clean air filter
for engine ok Run in
chuck ok no oil leak
See Rep by Boek for the
A.D. rat Compliance
Record - End

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.			
57 3-31-87											replaced alternator with overhauled alternator P/N ALK 9510RX - S/N 12M0001267 overhauled by Air Electronics Inc. - W/O # A-48607 running and good until 1132 3-31-87 - Frank J. Bourne AP1940083		
5-1-87											Performed 50 hr. inspection of engine. checked oil, water, and 12 volt 50 hr. det. oil 12CH 98109 notes. checked 12 volt engine and found it to be operating properly with no bad at this time. H.M. = 1161 Scott J. Fournet AP1438808099		
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
						overhauled install all I CERTIFY THAT THIS ENGINE IN ACCORDANCE WITH A INSPECTION AND WAS DET. WORTHY CONDITION. TOTAL TIME ENGINE 7500 60 WORK ORDER 5580 DATE 6-9-87 Scott J. Fournet Authorized S PAUL FOURNET AIR CERTIFICATE REPAIR STA MUNICIPAL AIRPORT.		
BROUGHT FORWARD								
TOTALS								

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Tot.
87					
9-4-87	change oil & filter				
	(3) 7:15 to 7:45 (3)				
	checked oil, Replaced				
I CERTIFY THAT THIS ENGINE IS					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMINED TO BE IN					
SATISFACTORY CONDITION.					
TOTAL TIME 4:00					
ENGINE 700.6 h					
WORK ORDER 5887					
DATE 9-4-87					
by Whitney J.					
Authorized Signature					
PAUL FOURNET AIR SE					
BROUGHT FORWARD REPAIR STATION					
MUNICIPAL AIRPORT, LA					
TOTALS					

		THROUGH FORWARD
		TOTALS

R/H

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.			
9-4-87											change oil & filter and shell 50 wt. Dit oil. comp check (7) 70/80 (4) 70/80 (3) 70/80 (6) 70/80 clean and gas spark plugs - May being checked ok. Replace engine air filter, inspect Exhaust System. Rehydrate the prop control and the Hg. intake System all engine accessories ok mounts ok fuel and oil lines inspected found ok. Clean main fuel screen, clean fuel bucket screen, engine control oil ok, carburetor ok, clean all the fuel injectors - The AD unit HC-1304 P2 By inspection ok. No bearing found. Work engine being checked ok. See log this log for the AD unit compliance and compliance Record		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100h INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. HM = 1308.6													
TOTAL TIME													
ENGINE	700.6 h												
WORK ORDER	5889												
DATE	9-4-87												
Authorized Signature													
PAUL FOURNET AIR SERVICE, INC.													
REPAIR STATION NUMBER 2225													
MUNICIPAL AIRPORT, LAFAYETTE LA													

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	To
87					
14-87	Change oil level filter input for ③ 70180 ④ 701				
I CERTIFY THAT THIS ENGINE					
IN ACCORDANCE WITH A					
INSPECTION AND WAS DETERMINED TO BE IN					
WORTHY CONDITION.					
TOTAL TIME					
ENGINE TSB = 800.6					
WORK ORDER 6215					
DATE 12-14-87					
Authorized Signature					
PAUL FOURNET AIR					
CERTIFICATE REPAIR STATION					
BROUGHT FORWARD					
MUNICIPAL AIRPORT,					
TOTALS					

[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.			
1487											1487 Change oil and oil filter head shell 50 filter input for metal on no. fuel - ③ 70/180 ④ 70/180 ⑤ 70/180 ⑥ 70/180 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. Hour Meter = 140816 h. TOTAL TIME ENGINE TSRB = 800.6 hr. WORK ORDER 6215 DATE 12-14-87 Whitney J. Savoy Authorized Signature PAUL FURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA. BROUGHT FORWARD TOTALS		
											int. set oil - open removed oil comp checked @ 70/80 ② 70/80 clean and go. speak Retune P/H mag to engine By removing mag and Reinst Point then Reinstall - 44 Mag ok inspect the intake and Exhaust Systems found ok inspect engine head mount & Ball found ok clean the engine air filter Assort. - PC-26-2 ok on the filter. "pepper and Filter" inspect fuel and oil line - found ok - pulsing - check filter fuel line in engine compartment found OK no leak. "Continued on the next Page." Whitney J. Savoy		

AD 1452858

ENGINE LOG

[illegible]

MUNICIPAL AIRPORT, LAFAYETTE, LA.

R. P. M.		TIME
DATE	Ground	Hrs.
88		
11-88		Ch
	comp checked	
	mag	
I CERTIFY THAT THIS ENGINE		
IN ACCORDANCE WITH A		
INSPECTION AND WAS DE		
WORTHY CONDITION.		
TOTAL TIME		
ENGINE	T ⁵ RB = 85	
WORK ORDER	60	
DATE	4-11-88	
	Authorized	
	PAUL FOURNET	
CERTIFICATE OF REPAIR		
BROUGHT FORWARD		
MUNICIPAL AIRPORT		
TOTALS		

~~UNREPLICATED DATA~~

ENGINE LOG

P111

REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
replace premixer Popel Lafayette APL #152858 checked ok by inspection rank care for my checked ok ok none found in the AD Note End		
oil filter and a inspection on fuel and oil line and ok control ok my checked for oil engine		

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													
4-16-88			Change oil and filter			Install new set of Spark plugs							
			Comp checked (2) 74/80 (3) 74/80 (3) 74/80 (6) 75/80 (6) 77/80 (6) 75/80										
			Mag bearing checked ok			inspect the intake and Exhaust							
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 = 1500 hr.													
TOTAL TIME													
ENGINE TSRB = 8921 hr.													
WORK ORDER 6580													
DATE 4-16-88													
Signature													
Authorized Signature													
PAUL FOURNET AIR SERVICE, INC.													
CERTIFICATE REPAIR STATION NUMBER 2225													
BROUGHT FORWARD													
MUNICIPAL AIRPORT, LAFAYETTE, LA.													
TOTALS													

Inspect the intake and Exhaust
System found ok, inspect fly fuel lines
in engine compartment found ok, oil level
inspected ok, engine decompression ok and
engine control found ok, clean air filter
engine mounts & bearing ok by
inspection engine Puffer ok - work engine
been up checked ok Re inspect for
fuel and oil leaks found ok
none. See Repair Book for (12)
AD Note compliance and
compliance Record - End

DATE
installed
4-21-88
ACOM=1524.9

C & M AVIATION PRODUCTS, INC.
SERVICEABLE PARTS TAG

WORK ORDER

No. 882275

F.A.A.C.R.S. #203-15

PART NAME DRY AIR PUMP

Part No. 212CW SERIAL No. 886994

O. H. BY: J M

TESTED BY: J M

INSPECTED BY: J M

OWNER _____

MAINTENANCE RELEASE

THE APPLIANCE IDENTIFIED ON THE REVERSE SIDE
WAS OVERHAULED OR REPAIRED AND INSPECTED
IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION ADMINISTRATION
AND IS APPROVED FOR RETURN TO SERVICE.

DATE

3-8-88

SIGNED

J. Miller #234.5404

FOR

C & M AVIATION PRODUCTS, INC.
FAA APPROVED REPAIR STATION #203-15

C & M AVIATION PRODUCTS, INC.
ROUTE 2, BOX 1003
CHINA SPRING, TEXAS 76633

R/4 ENGINE LOG

[illegible][illegible]

R14 ENGINE LOG

ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
the vac Pump -		
vac Pump - P/N		
SIN 886994 -		
checked OK		
<u>6/6/5</u>		
AN 1452805		
ay _____		
NC.		
5		
LA.		

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME GROUP	
	Ground	Air	Hrs.	Mins.
88				
30-88	Average	40m		
C/W	AD	26-02-0		
Next when	At	40m		
of cylinder for				
when At	40m	10%		
the Rear of				
88	Hue	Motor		
8-2	750	1043		
BROUGHT FORWARD				
TOTALS				

" continued on the next page
Whitney J. Sancy
APR 28 1958

ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
not Detail - open Pump checked @ 7500 @ 7500 @ 7500 @ 7400 @ 7400 - Clean and plug - Clean cigarette - cog timing ok inject and Exhaust system load mounts & mounts ok val timble screen - fuel screen, 90 A.D. note on air filter By injection chg at 4000 of 1293.28 hrs. the fuel and air lines mpt ok pressure checked ok engine controls and ok by injection. engine and cover floor ok ed on the first page ry J. Jones A10 1452850		

R14

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.			
88											Whitney T. Sonny AD 1452888		
6-30-88	Average	Hm=	1600	hr.		TSRB=	993:1	hr	Continued from Previous Page.				
	CW AD not	76-02-07	By ingestion of aluminum			Beauch found ok due to work internal due							
	Next when	AD Hm=	1093:1	hr.		engine crawling ok			CW AD not-86-13-04-R3- By ingestion				
	of cylinder	for cracks or	separation found no			emergency due at work internal due next							
	when AD	Hm=	1093:1	hr.		crash engine run up checked ok			Phase three to				
	the rear	of this	boat for the			AD not compliance record and compliance, End							
88	Hue Motor	1651.7				Complies with a 50hr max this							
8-2	T50	1043.8				Line changes oil gun filter used							
						16hr Roeshell 50hr nets the engine							
						found gun worthy for pregen to service							
						this time							
						John Paul							
						AD 1452888							
BROUGHT FORWARD													
TOTALS													

STATION NUMBER 201

R/H

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.			
8/8													
9-9-88									1700 hr		Changed oil and filters.		
									10921 hr		used Shell 50 wt Det oil.		
									comp checked @ 75/80 @ 74/80		(A) 73/80 (B) 73/PO (C) 75/80 (D) 74/80		
											(E) 74/80. Clean and gap spark		
											plugs. Mag timing checked ok.		
											intake and Exhaust System		
											ok engine accessories ok-		
											engine controls ok, engine magnet		
											ok cowling + control flap ok-		
											Magnet checked Fuel lines ok-		
											oil lines ok and No leak work		
											engine run, no shield ok		
											No input for lock all ok none.		
											engine air filter ok - Box ok-		
											No cowlings engine See box of		
											Book for the AD note		
											compliance and compliances		
											Record End -		

	R.P.M.	TIME OF GROUND	
DATE 80	Ground	Air	Hrs. Min.
11-88	Microf	NW	
	Fry	T.S.R.B.	
	oil filler		
	pneumatic ch		
	accuracy		
	OK Dr.		
	FINAL INSPECT		
	DATE		10
			wf
			PAUL FO
			REPAIR
			MUNICIPAL
BROUGHT FORWARD			
TOTALS			

ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
oil and filters		
50 wt. Det. oil.		
(1) 73/80 (2) 75/80 (3) 77/80		
clean and gap mail		
ing timing checked ok		
and Exhaust System		
accurate ok		
check ok, engine mount		
ing + control flap ok		
and fuel lines ok		
and No. 10 bush work		
ing checked ok		
for look all ok move.		
filters ok - Box ok		
engine See box of		
(1) AD note		
e and compliances		
and Fuel -		

44 ENGINE LOG R/H

N/O 7170

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.					
10-11-88	Aircraft HM =		1750: 8 hrs.			1142: 9 hrs.					accomplished 50 hr inspection				
	Eng T5RB =										changed oil and oil filter - and				
											Shell 50 wt. Det oil - open bearing				
											oil filter inspected for metal ok none found. wash engine -				
											pressure checked fuel lines no leaks and no oil leak engine				
											accuracy Exhaust intake and controls found ok Rem up checked				
											ok Re. inspect for oil leaks none - Re. control engine				

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.			
88													
11-7-88											used shell 50 wt. Det oil - open oil filter used for metal oh none found - comp check ① 7380 ② 7280 ③ 7380 ④ 7380 ⑤ 7480 ⑥ 7480 - clean and pop spark plug - cleaned carburetor checked magneto found ok inspect the intake system ok inspect the exhaust system Found ok engine hold mount and engine mount ok clean fuel filter screen, inspect engine air filter ok by inspection - inspect the fuel and oil lines ok no leaks condition ok inspect all engine controls ok "continued on 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. Aircraft HM = 1800 hr -													
TOTAL TIME													
ENGINE TSRB = 1193:1 hrs -													
WORK ORDER 7235													
DATE 11-7-88													
Whitney J. Savary													
Authorized Signature													
PAUL FOURNET AIR SERVICE, INC.													
CERTIFICATE REPAIR STATION NUMBER 2225													
BROUGHTON MUNICIPAL AIRPORT, LAFAYETTE, LA.													
TOTALS													

A+P 1452850

[illegible]

R14 ENGINE LOG

REMARKS	SIGNATURE	LICENSE NUMBER
50 int Detail - found - Comp child o (3) 7/3/80 (4) 7/3/80 (5) 7/4/80 in and pop spark cigaretts checked found ok, inject the in ok, inject the then Found ok, manuets and engine clean fuel filter in engine air by injectors - fuel and oil lines Corrosion ok engine controls ok in the West Pope Sawney		

1452850

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.			
11-7-88	Aircraft Hour meter = 1800 hr * continued from the previous Page Engine TSRB = 1192:1 hr Whitely J. Savoy AIP 145 2858 engine running ok by inspection engine baffles and air ducts ok C/W AS rot #6-13-A1-A2 By inspection of cylinders for cracks and separation as prescribed - OK no decarburizing found - work engine has been checked ok - no fuel or oil leak - See Rec of this Book for the AS hole compliance and Compliance Panel Etc												
12-15-88	Air Craft hr. meter = 1850 C.W. SA by inspection Changed oil + filter serviced with Amp shell 50 quarts of oil, washed & ran engine checked for leaks J. Kyle V. AIP #96385332												
BROUGHT FORWARD													
TOTALS													

PH engine
DATE installed
2-16-89

AAA FORM NO. 8

4m-1900
SERVICEABLE

APPROVED AIRCRAFT ACCESSORIES, INC.

FAA APPROVED REPAIR STATION NO. 3772

P.O. BOX 666 - TAYLOR, MICH. 48180

CUSTOMER PAUL FOURNET AIR SERVICE, INC.

MFG. BY C M C

PART NAME FUEL INJECTION PUMP

PART NO. 638154-17

MODEL

TYPE _____ SERIAL NO. E288010RB

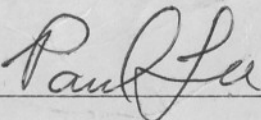
REMARKS: OVERHAULED & TESTED

ALL APPLICABLE AD NOTES COMPLIED WITH

The accessory and/or component identified on opposite side was repaired and inspected in accordance with current Civil Air Regulations and was found AIR-WORTHY for return to service.

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

Repair Order No. I12,126

Signed 

FOR 8/22/85

APPROVED AIRCRAFT ACCESSORIES, INC.

FAA APPROVED REPAIR STATION NO. 3772

P.O. BOX 666 - TAYLOR, MICH. 48180

Phone: 946-9000

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.			
89													
2-21-89-											Change oil and oil filter w/ef Shell 50 wt. Mot. oil - Comp checked @ 75/80 @ 70/80 @ 75/80 @ 70/80 @ 75/80 @ 75/80 - installed New spark plugs - Mag timing checked ok Intake System ok Inspect Exhaust System Replaced the inboard Exhaust Collector Pipes - P/N - 9910215-13 with new gaskets - Replaced engine driven Fuel Pump Installed P/N 638154-17 3/4" E288010RB and Adjust unmetered Fuel Pressure - engine accessories ok Catches ok - engine mounts ok - engine Baffles ok - " continued on the next form		
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. Mc HM = 1900 hr.													
TOTAL TIME													
ENGINE T S R B = 1292.1 hr.													
WORK ORDER 7461													
DATE 2-21-89													
Whitney J. Savoy Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE, LA. TOTALS													
Whitney J. Savoy													

DATE	R.P.M.		
	Ground	Air	Hr
89 7-21-89-			
BROUGHT FORWARD			
TOTALS			

R/A

[illegible]

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
5-26-89	Aircraft Hawk Mel				
	Engine TSRB ~				
	Engine total time				
I CERTIFY THAT THIS ENGINE HAS BEEN					
IN ACCORDANCE WITH A 100					
INSPECTION AND WAS DETERMINED					
WORTHY CONDITION. HMM = 2000					
TOTAL TIME 17-20-52 17-20-52					
ENGINE TSRB = 1392.5					
WORK ORDER 7714					
DATE 5-26-89					
Anthony J. [Signature]					
Authorized Signature					
PAUL FOURNET AIR SERVICE					
BROOKLYN AIRPORT					
CITY OF NEW YORK					
MUNICIPAL AIRPORT, LAFAYETTE					

R/H

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.			
5-26-89											Changed oil and oil filter used Shell 50 wt. Put oil, Comp checked (A) 75/80 (B) 75/80 (C) 73/80 (D) 76/80 (E) 73/80 (B) 71/80. Cleaned and gey spark plug - Map timing ok. Removed 3 cylinder to replace a Broken cylinder stud. But are all ok. Re installed cylinder with new head and gaskets. engine accessories and fuel and oil lines - pressure checked so fuel ok. Control all ok. engine mounts ok. Replace air filter to 2nd stage 86-76-02 and place at rest at 2500 hrs on the hour meter. Clean fuel tank across wash engine down and checked ok. See Hand Book for oil not conformed and conformance Record		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>120 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. <u>HMM = 2000.4</u> TOTAL TIME <u>4124.5</u> ENGINE <u>TSRB = 1392.5</u> WORK ORDER <u>7714</u> DATE <u>5-26-89</u> <u>Anthony J. Savoy</u> Authorized Signature PAUL FOURNET AIR SERVICE, INC. BROOKLYN WARE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													

SIGNATURE

LICENSE
NUMBER

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

Signature

License Number

DAB
initials
7-12-88

11/12/2000

AIRCRAFT EXHAUST SYSTEMS

KNISLEY WELDING, INC.

FAA CERTIFICATED
REPAIR STATION #412-15

3450 Swetzer Road

Loomis, CA 95650

(916) 652-5891

SERVICEABLE

Mfr. Name Cessna

Component Name muffler

Model 310 R

PIN 0852597-1/K

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. 33889

Date 12-6-88

Signed C. Knisley

(Authorized Individual)

R/A

[illegible][illegible]

R 14

hd tailpipe
val 310 R
17-110
with
229

[illegible]

10-520-N-131

12

ENGINE

2002

12

Method & Signature

[illegible]A. D. NUMBER
AND
INVESTMENT NO.

86-13-04785
1944 (A) 2-555

77

10. 178

86-13-648

39-555

159-68

76-03-07

06 R

SIGNATURE

N8246C C-311R

P/N 10-320-MB1

S/N-26606R-

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

R/H engine

S/N 26606R-

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
			TT ENG	SMOH	ONE- TIME	RE- CURRING			
86-13-04R3 Amend 39-5555	By inspection of cylinder for cracks or separation	2-21-89 Hm=1900	TSRB 1292.1			X	When Hm=2000 hr. at TSRB or Eng at 1392.1 h.	Whitney T. Sany AIP 1452858	due By insp at 100 hr interval for cracked cylinder
84-26-02	By inspection of Engine air Filter	2-21-89 A/C Hm=1900	TSRB=1292.1			X	When Hm=2000 hr or Eng TSRB=1392.1	Whitney T. Sany AIP 1452858	Paper air filter due insp at 100 hr interval Replaced at 500 h.
84-26-02	Replaced eng. air filter -	5-26-89 Hm=2000.4	TSRB 1392.4			X	due Replace at Hm of 2500.4 h - insp at 2100.4	Whitney T. Sany AIP 1452858	Replace at 500 h interval and insp each 100 h.
86-13-04R3 Amend 39-5555	By inspection of cylinder for cracks -	5-26-89 Hm=2000.4	TSRB 1392.4			X	due next at A/C Hm of 3100.4 and TSRB of 1492.4	Whitney T. Sany AIP 1452858	due By inspection each 100 h Interval ok
86-13-04R3 Amend 39-5555	Cylinder for cracks and separation	11-15-89 McHm=2198.3	Eng TSRB 1590.4			X	due next at Eng TSRB of 1690.4	Whitney T. Sany AIP 1452858	due 100 hr interval 1/10 By inspection ok -
84-26-02	By inspection Eng air Filter	11-15-89 Hm=2198.3	Eng TSRB 1590.4			X	due at Eng TSRB of 1690.4	Whitney T. Sany AIP 1452858	Why inspection failed ok at the next int.
76-02-07	By inspection alternator bearing	11-15-89 Hm 2198.3	Eng TSRB 1590.4		X		No longer applicable	Whitney T. Sany AIP 1452858	No longer applicable - Can't Beig

MEMORANDA

DATE	AD Note	Time	REF	Hour meter	Factor		Compliance Method and Spreading
					764 L	TSR13	
11-12-86	76-02-07	X		1010	402	402	No longer applicable. This already has been done by the group. Induction or survey 1405 3858
11-12-86	84-06-02		X	1010	402	402	Procedural factor 100m interval cycling magnetometer 1405 3858
1-12-87	86-13-04		X	1062	454	454	500m survey. Induction or survey time 50 m interval. Survey input has other 500 m been done as 100 m intervals.
1-12-87	86-13-04		X	1062	454	454	Survey input or due now at 100m interval. Induction or survey 1405 3858
3-12-87	86-13-04		X	110-0	502	502	Survey input or due now at 100m interval. Induction or survey 1405 3858
6-9-87	86-13-04		X	1210	602	602	Survey input or due now at 100m interval. Induction or survey 1405 3858
9-4-87	86-13-04		X	1308-6	700-6	700-6	100m interval. Induction or survey 1405 3858
9-4-87	86-13-04		X	1308-6	700-6	700-6	100m interval. Induction or survey 1405 3858
9-4-87	86-13-04		X	1308-6	700-6	700-6	100m interval. Induction or survey 1405 3858
12-10-87	86-13-04		X	1408-6	800-6	800-6	due 100 m interval. Induction or survey 1405 3858
12-10-87	86-13-04		X	1408-6	800-6	800-6	due 100 m interval. Induction or survey 1405 3858
12-10-87	86-13-04		X	1408-6	800-6	800-6	due 100 m interval. Induction or survey 1405 3858



RIGHT Engine Book # "2"

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 1523 N524SC TA 310R

ENGINE MODEL AND SERIAL I0-520-m31 S/N 266006R

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

DATE 19 <u>89</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>8/11/89</u>	<u>1491</u>	<u>8</u>	Aircraft Hour Meter = <u>2099.7 h.</u> Eng TSRB = <u>1491.8 h.</u> Change oil and oil filter - used Shell 50 wt. Det. oil - Comp check ① 75/80 ② 70/80 ③ 70/80 ④ 73/80 ⑤ 71/80 ⑥ 73/80 - Clean and gap spark plug - Mag timing ok, intake and Exhaust ok, load mounts ok, clean fuel filter screen - Clean - air filter on engine ok, inspect the fuel and oil lines ok, inspect controls ok, engine accessories ok, engine cooling ok, wash engine - clean main fuel screen - inspect crank case for cracks - none found - GW AD 801 - 74-76 ok, mag and fuel ok, GW AD 801 - 86-13-04 ok, AD 801 - 72-5863 - cylinder head to steel barrel for cracks or separation Found None. due to heat treatment - Run up checked ok - Please Refer to Record Log Book #1 and this Log for this AD Note compliance and compliance record	
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 h</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. <u>4m = 2099.1</u>				
TOTAL TIME				
ENGINE			<u>TSRB = 1491.8 h.</u>	
WORK ORDER			<u>7898</u>	
DATE			<u>8-11-89</u>	
Authorized Signature <u>Paul Fournet</u> PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1989			In meter 2149.2 - changed a 50 lb injector change air filter - wash engine - run up and check oil - 10-3-89 Frank J. Brumby #P1940083	

R/H

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1989			Aircraft Hour Meter: 2198:3 h. Changed oil & filter, used Eng. TSB: 1590.4 Shell 50 wt. SAE oil - comp.	
11/15/89	1590	4	checked ① 74/80 ② 74/80 ③ 74/80 ④ 75/80 ⑤ 74/80 ⑥ 74/80 - clean and gas spark plug - Mog timing checked ok, intake and Exhaust Systems ok by inspection engine mounts ok, loose mounts ok, clean fuel timber screen - engine air filter ok by inspection Inspect the fuel and oil lines in engine compartment ok, Replaced the Prop control with factory New control and Riggered. all other engine controls are ok, engine cavities ok, Cam Fldg ok, engine accessories ok by inspection. Clean main fuel screen - engine baffles ok, inspect engine crank case for cracks - none found. W/AD note 86-13-04-23 By inspection of cylinders for cracks and repair None found due each lock, int. Wash engine Run up checked ok, Re-inspect for fuel and oil leaks - none. Re-cam engine. Please Refer to the Rear of the engine Log Book #1 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. Savoy	
			Authorized Signature	
			PAUL FOURNET AIR SERVICE, INC.	
			FAA CERTIFIED REPAIR STATION #FBR0038E	
			MUNICIPAL AIRPORT, LAFAYETTE, LA.	

R/H Eng MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9/20	22	68.3	Replaco. VAC Pump R/H Eng -	John C. Nelson 2146020 LHP

MAINTENANCE RELEASE

THE APPLIANCE IDENTIFIED ON THE REVERSE SIDE WAS OVERHAULED OR REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED [Signature] 328368260 FOR
PRAIRIE AVIATION SUPPLY, INC.
3805 VERDE WOODS E., GRAND PRAIRIE, TX. 75051

WORK ORDER # 9522 DATE 7/24/90

FAA APPROVED REPAIR STATION # TJ1R508K

MAINTENANCE RECORD

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

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			Date <u>Dec 8 '90</u> total time <u>1693.75 MOH</u> I certify that this <u>Engine</u> was inspected in accordance with a <u>Annual</u> inspection & found airworthy. <u>Ivan L. Batter</u> Ivan L. Batter 335-15384-1A	
			Performed Annual Inspection as per Cessna inspection guide. Changed oil & filter. Cleaned and gapped plugs. Performed Compression Check. Checked all lines & Controls. Washed engine & ground ran. No leaks detected.	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
JUNE 21 91			HOURS = 2392.4 TSMOH = 1784.4 1) COMPRESSION CHECK 80PSI @ 72 @ 66 @ 65 @ 76 @ 70 @ 72 2) CHANGE OIL & FILTER 12qt SOWT OET @ RETURNED BOTH MAGNETOS 20° BTZ @ TIGHTEN & INSTALL NEW HARDWARE AS NEEDED BUT EXHAUST FLEX JOINT @ INSTALL NEW PUSHRODS #1 CYL & NEW ROCKER ARMS @ 1 & 3 CYLS. @ ADJUSTED PROP CABLE & GOVERNOR @ C/W AD 86-13-03 R3 130 inspection OF CYLS NO DEFECTS RPT 50 HR	
			I CERTIFY THIS ENG HAS BEEN INSPECTED I/A/W A 100 HR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY condition	
			<u>R. Scott Tinkert</u> A0P26V335121	

Rt. Eng S/N 266006-R

MAINTENANCE RELEASE

MAKE ☒ CONT. ☐ LYC. ☐ OTHER _____

SERIAL NO. 1A753 PL

MODEL FD-520 UNIT ☒ CRANKCASE

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIR-WORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT

THIS AGENCY UNDER WORK ORDER NO. 9668403

DATE: 23 Dec 96

SIGNED Charles Anglin FOR

Engine Components, Inc.
9503 MIDDLEX

REPAIR STATION NO. 2091
San Antonio, Texas 78217

EC-112

Dear Customer:

In order to salvage this crankcase and be able to return the crankshaft and camshaft main journals to new limits, it is necessary to remove a small amount of material from the parting surfaces. As a result of this process, you may encounter some difficulty in fitting other components to the crankcase. Fuel pumps, accessory cases, oil sumps, oil pumps, starter adaptors, etc. may require minor fitting prior to their assembly to the crankcase.

If any problem is encountered, please contact our Customer Service department at 1-800-366-3132.

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. 25884	
4. ORGANIZATION: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309						5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: W.O.#25884	
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.	F019126E	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>James Musgrove</i>		21. CERTIFICATION NO.: JL4R288M	
17. NAME (typed or printed):		18. DATE		22. NAME (typed or printed): JAMES MUSGROVE		23. DATE 06-16-97	

SERVICEABLE

SIGNED Johnnie Smith DATE 23 Oct 91

CRANKCASE REMANUFACTURED OVERHAULED TO SERVICE LIMITS

DISPOSITION

PART No.

SERIAL No. 1A7537L

ENGINE ☒ CONT. ☐ LYC. ☐ OTHER

ITEM ☒ CRANKCASE

9503 Middlesex P.O. Box 17099 San Antonio, Texas 78217
REPAIR STATION NO. 2091

Engine Components, Inc.

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

Work Order & Inspection Record

25884

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. 10-163060-1
Model No. S6RN-205
Serial No. F019126E
Customer P.O. _____

PRELIMINARY INSPECTION:

RTENS Normal wear

Mech.

Insp.

TEARDOWN INSPECTIONS:

Mechanical: - OUTDATED DISTRIBUTOR GEAR

Electrical: - CONTACT WORN

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-ROTOR 10-163194
1-SEAL 10-357952
1-SLINGER 10-51678
1-SCREW 10-391213
1-RING 10-92815-37
1-CONTACT 10-312584
1-CONTACT 10-312584

Mech.

Insp.

TEST RESULTS: CONSISTENTLY SPARKED THE 5 mm
GAP. FROM 1500 RPM TO 5000 RPM

Mech.

Insp.

FINAL INSPECTION:

OVERHAULED AND TESTED

Mech.

Insp.

MAINTENANCE RELEASE

The aircraft component identified above was overhauled/inspected, 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]

25884

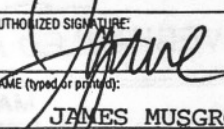
OVERHAULED PER TCM
SERVICE MANUAL X42002-1

SERVICE BULLETINS COMPLIED WITH:

629-DIST. BLOCK BATCH CODES N/A
631-ANTISEIZE LUBRICANT Chk by applying 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
65B-DISTRIBUTOR GEAR MAINTENANCE Chk by Replacement

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. 25884	
4. ORGANIZATION: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309						5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: W.O.#25884	
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.	F019126E	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: 		21. CERTIFICATION NO.: JL4R288M	
17. NAME (typed or printed):		18. DATE:		22. NAME (typed or printed): JAMES MUSGROVE		23. DATE: 06-16-97	

IO520 mBI

Michael Coss APD 2254027

WARRANTY (LIMITED):

Airmark Overhaul, Inc. warrants that all their overhauled accessories shall be free from defects in material and workmanship under normal use and service until 180 days from the date of installation into the aircraft or 240 hours, whichever occurs first, only if the following conditions are met.

1. The warranty claim, with all requested information properly supplied has been returned to Airmark Overhaul, Inc. within thirty days of the product failure date.
2. No substitute parts have been installed in the product without prior authorization of Airmark Overhaul, Inc.
3. The product shall not have been disassembled, repaired or altered outside of Airmark Overhaul, Inc. unless express prior written authorization was granted.
4. The product shall not have been subject to misuse, accident or improper installation unless proof is submitted to the satisfaction of Airmark Overhaul, Inc. that such abuse was not a cause for the claimed defect.

LIMITATIONS AND EXCLUSIONS:

1. The sole responsibility and liability of Airmark Overhaul, Inc. and your exclusive remedy under any claim arising out of, connected with, or resulting from, this sale or the performance or breach of any condition or warranty thereunder, or from the manufacture delivery, or use of the product shall be the repair of, or replacement, or credit for the defective product at Airmark Overhaul, Inc. option.
2. In no event, whether as a result of a breach of contract, warranty, tort (including negligence) or otherwise, shall Airmark Overhaul, Inc. be liable for any special, consequential, incidental or penal damages or expenses including but not limited to loss of profit, goodwill, or revenues, loss of use of the product or any associated equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities or services, down time, or costs of claims of third parties for such damages or expenses.

SPECIFIC TERMS:

1. The foregoing warranty is exclusive and in lieu of all other warranties or remedies whether written, oral, implied or statutory. Any and all implied warranties of merchantability, fitness for a particular purpose, course of dealing or usage of trade are hereby expressly disclaimed and excluded. The warranty registration card must be completed and returned within fifteen days from the date of installation of the equipment or this warranty is void.
2. Acceptance of this product by you shall constitute your acknowledgement and acceptance of the terms, provisions, limitations and exclusions set forth herein. Such terms, provisions, limitations and exclusions shall not be modified, deleted or supplemented except by an express written acknowledgement of Airmark Overhaul, Inc.

WARRANTY (LIMITED):

Airmark Overhaul, Inc. warrants that all their overhauled accessories shall be free from defects in material and workmanship under normal use and service until 180 days from the date of installation into the aircraft or 240 hours, whichever occurs first, only if the following conditions are met.

1. The warranty claim, with all requested information properly supplied has been returned to Airmark Overhaul, Inc. within thirty days of the product failure date.
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1. The sole responsibility and liability of Airmark Overhaul, Inc. and your exclusive remedy under any claim arising out of, connected with, or resulting from, this sale or the performance or breach of any condition or warranty thereunder, or from the manufacture delivery, or use of the product shall be the repair of, or replacement, or credit for the defective product at Airmark Overhaul, Inc. option.
2. In no event, whether as a result of a breach of contract, warranty, tort (including negligence) or otherwise, shall Airmark Overhaul, Inc. be liable for any special, consequential, incidental or penal damages or expenses including but not limited to loss of profit, goodwill, or revenues, loss of use of the product or any associated equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities or services, down time, or costs of claims of third parties for such damages or expenses.

SPECIFIC TERMS:

1. The foregoing warranty is exclusive and in lieu of all other warranties or remedies whether written, oral, implied or statutory. Any and all implied warranties of merchantability, fitness for a particular purpose, course of dealing or usage of trade are hereby expressly disclaimed and excluded. The warranty registration card must be completed and returned within fifteen days from the date of installation of the equipment or this warranty is void.
2. Acceptance of this product by you shall constitute your acknowledgement and acceptance of the terms, provisions, limitations and exclusions set forth herein. Such terms, provisions, limitations and exclusions shall not be modified, deleted or supplemented except by an express written acknowledgement of Airmark Overhaul, Inc.

MAINTENANCE RECORD

19. CFG. CONTINENTAL MODEL IO-520-MB1 S/N 266006-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	ROTOCOILS
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

DATE 19. 5/24/92
ADDITIONAL LOG BOOK ENTRY FOR ENGINE OVERHAUL DATED 5-24-92

THIS ENGINE REMOVED FROM LEFT POSITION OF CESSNA 310R, 310R-1523. THIS IS TO CERTIFY THAT CONTINENTAL ENGINE MODEL IO-520-MB1, SERIAL NUMBER 266006-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 ~~LEFT~~ ^{RIGHT} 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

904-473-0540

TT 1081.0

DATE 5/24/92

TTSO -0-

Richard Cam
RICHARD CAM A&P 2254027

1700 hr TB0
TCM SBM91-8

ID SIGNATURE,
DATE TYPE
NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1992 5/25	4.0 50/H		Eng. installed at 2491.3 Hobbs N5245C. Performed 100 hr Inspection, Checked all fluid lines, all controls, Comp test all cylinders in the 70's over 80 PSI all operations Checked good.	
			Richard Larr AIP 2254027	
5-29-93 Hobbs	2536.4		C/W Annual inspection. Time since overhaul assumed to be 41.1, judging from last annual in airframe log. This engine installed on right side of aircraft N5245C, Cessna 310R S/N 310R-1523, verified by inspection. All cylinders in the high 70's over 80. Oil not changed at this time. Run-up, leak check OK. 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 AIP457906864	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1-20 HOBBS	2564.2		CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109 FILTER. OPENED & INSPECTED REMOVED FILTER FOR METAL-NO DISCREPANCY. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END — AIP438808099 Kott / Lounet	
2-7 HOBBS	2564.2		REMOVED & REPLACED THE TACHOMETER GENERATOR USING OVERHAULED UNIT OF SAME TYPE S/N 22A667. SECURED UNIT & PERFORMED OPERATIONAL CHCKR. UNIT WAS WAS FOUND TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END — AIP438808099 Kott / Lounet	



CUSTOMER COPY

EAGLE AIR SERVICES, INC.
INSTALLED BY (INSTALLING AGENCY)
P.O. Box 7179 OPELOUSAS, LA 70570
ADDRESS CITY, STATE, ZIP

AERO ELECTRIC
AERO ELECTRIC DISTRIBUTOR
CHSUN AIR SER. INC.
REGISTERED OWNER
ADDRESS CITY, STATE, ZIP

A/C MODEL & TYPE C-310R N# 5245C
DATE INSTALLED 2-7-94 A/C HOURS WHEN INSTALLED HOBS 2564.7
DATE REMOVED _____ A/C HOURS WHEN REMOVED _____

THIS SECTION TO BE COMPLETED AND SENT TO FACTORY WITH CLAIMED
WARRANTY UNIT. INFORMATION MUST BE COMPLETE.

AERO ELECTRIC DOES NOT AUTHORIZE ANY FIELD REPAIRS.

MAINTENANCE RELEASE

The Aircraft Component identified below 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

OVERHAULED UNIT

W/O No.: AT - 10801

S/N: 22A667

MFR: S/N

Part: TACH GENERATOR

Name: GLOBE

MFR:

Service Bulletin Accomplished:

Date: 2/4/94

Overhauled by: James Williams

Signed: Ray D. Burgin

AERO ELECTRIC, INC.
3414 WEST 29th SOUTH
WICHITA, KANSAS 67217



AT - 10801

F.A.A. CERTIFICATE
NO. NV2RO45L

SERVICEABLE



WARRANTY APPLICATION

FAA CERTIFIED REPAIR STATION NV2RO45L

(316) 943-6100

3414 WEST 29th STREET SOUTH

WICHITA, KANSAS 67217

WORK ORDER NO: AT-10801



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
22A667

SERIAL NO.

A/E SN: AT-7016

MFG SN:

WARRANTY PERIOD
3 MO. OR 100 HRS

RETAIN THIS COPY

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1994				
5-2			CHANGED OIL & FILTER USING 12 QTS. AEROSHELL 4100 OIL & CH48109 FILTER, OPENED & INSPECTED REMOVED FILTER FOR METAL-NONE NOTED, WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS	
HOBBBS	2611.7		AT THIS TIME ——— END ——— A388808099 <i>Scott J. Lounsbury</i>	
94				
6-3			ACCOMPLISHED 100 HR. INSPECTION OF ENGINE THIS TIME & DATE. PERFORMED ENGINE COMPRESSION CHECK-REDDINGS ARE AS FOLLOWS: ① ⁸⁰ / ₈₀ ② ⁷⁹ / ₈₀ ③ ⁸⁰ / ₈₀ ④ ⁷⁹ / ₈₀ ⑤ ⁸⁰ / ₈₀ ⑥ ⁷⁸ / ₈₀ . CHECKED MAGNETO TIMING FOUND —00— @ 22° BTC. CLEANED & GRIPPED ALL SPARK PLUGS. INSPECTED ALL	
HOBBBS	2617.0		INTAKE & EXHAUST SYSTEMS-REPLACED BOTH EXHAUST TAIL PIPE ISOLATION MOUNTS WITH NEW MOUNTS P/N- C3H410C2. REMOVED, OPENED, & INSPECTED ENGINE OIL FILTER FOR METAL-NONE FOUND. OIL HAS ONLY 5.3 HRS ON IT -NOT DUE CHANGE AT THIS TIME. INSPECTED ALL ENGINE LARD MOUNTS,	
			LEGS, PYLONS, & ASSOCIATED HARDWARE. CLEANED ALL FUEL SCREENS. INSPECTED & CLEANED AIR FILTER-FILTER DUE REPLACEMENT 1/0/0 ADB4-26-02 AT ACT-6592.4. INSPECTED ALL FUEL & OIL LINES FOR CONDITION & LEAKAGE. CHECKED ALL ENGINE CONTROL CONDITION & OPERATION.	

(CONT'D NEXT PAGE)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19			(CONT'D FROM PREVIOUS PAGE)	
			INSPECTED ALL ENGINE CRANKCASE & CYLINDER ASSY.'S FOR CRACKS-NONE FOUND. P/N AD93-16-15 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 NOT APPLICABLE DUE TO NO CONDENSOR	
			REPLACEMENT DURING SUBJECT PERIOD. ALL OTHER APPLICABLE AD NOTES CHECKED & COMPLIED WITH AS NEEDED 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 ———	
6-3-94	TACH	125.7	ANNUAL INSP, <i>Bilchie D. Smart IA1282504</i>	HOBBBS/TACH 2617.0 ENGINE T5RB-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. Lounsbury</i> Pertinent details on file under repair order # 137

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 94				
7-7	2630.3		R/H PROPELLER REMOVED & SENT TO DULLES AIRCRAFT PROPELLER FOR MAJOR OVERHAUL. REINSTALLED MAJOR OVERHAUL PROP M/A-3AF32C87-WR/482NC-S.S, 3/4-714397.	
			SECURED PROP, WASHED & RAN ENGINE, & FOUND PROP TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END —	
94				
8-10	2675.5		CHANGED OIL & FILTER USING 12 QTS. AEROSHELL W100 OIL & CH48109 FILTER. OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME — END —	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 95				
5-3	2760.3		COMPLETED 100 HR. INSPECTION OF ENGINE THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL 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. CHECKED MAGNETO TIMING - AD - CLEANED & GAPPED ALL SPARK PLUGS. INSPECTED ALL INTAKE & EXHAUST SYSTEMS - REPLACED PAPER INDUCTION AIR FILTER WITH BRACKETT FILTER ASSY. P/N-B1117 - PLEASE SEE STC & FAA FORM 337 IN A/C RECORDS. INSPECTED ALL ENGINE SHOCK MOUNTS, PYLONS, & ASSOCIATED HARDWARE - AD - CLEANED ALL FUEL SCREENS. INSPECTED ALL FUEL & OIL LINES/HOSES FOR CONDITION & LEAKAGE - AD - CHECKED ALL ENGINE CONTROL CONDITION & OPERATION - AD - INSPECTED ALL ACCESSORIES FOR CONDITION & SECURITY - AD - INSPECTED ALL CRANKCASE & CYLINDER ASSY'S FOR CRACKS - NONE NOTED. 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 —	
3/5/95			ANNUAL inspection at this time Ritchie D. Smart IA1282504	

HOBBS/TACH 2760.3 DATE 5-3-95
ENGINE/TSRB-2144.2 SMCH 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 A143880809
Pertinent details on the under repair order # 386

[illegible]

DATE		TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19	95	HOURS	10ths		
12-5	1995	2855.6		CHANGED OIL USING 11 QTS. AEROSHELL 1000 OIL (FILTER REPLACED .7 HRS PRIOR - NOT DUE AT THIS TIME) WASHED, RAN & REINSPECTED FOR LEAKS. ENGINE WAS FOUND TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME - END -	AP438808099 Jett J. Lounsbury
23-96	1996	2904.0	HWT	Changed oil & filter, washed engine run for leaks	Mickey Brynner AP1713641
4/15/96	1996	2957.3	HWT	CHANGED OIL AND FILTER WITH AEROSHELL 100WSO AND CH48109 FILTER. CUT OPEN FILTER, NO METAL CONTAMINATION FOUND. WASHED AND RUN ENGINE, NO LEAKS AND SATISFACTORY RESULTS	AP437042288

SERVICEABLE

(COMPONENTS)

VACUUM PUMP

COMPONENT NAME

212CW

MODEL or TYPE

AIRBORNE

MFG. NAME

59961

SERIAL NO.

☐ REPAIRED ☒ O'HAULED ☒ TESTED ☒ INSPECTED

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

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

OWNER: _____

WORK ORDER NO. _____

DATE

SIGNED FOR:

RAPCO, INC.

445 Cardinal Lane, P.O. Box 470
Hartland, WI 53029

FAA Approved Repair Station #NE5R064N

MAINTENANCE RELEASE

MAKE CONTINENTAL

SERIAL No. 96136/1

MODEL IO-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 part 43 of the Federal Aviation Regulations and approved for return to service.
5/15/96

Details on file at this agency under Work Order No. J961361

SIGNED

FOR:

JOHN JEWELL AIRCRAFT, INC.

REPAIR STATION NO. JUJR300L

Holly Springs • Marshall County Airport

P.O. Box 399 (601) 252-6377

Holly Springs, MS 38635

**IT IS RECOMMENDED THAT THE AIRCRAFT
OWNER BE FAMILIAR WITH ENCLOSED FAA
PUBLICATION, P-8740-52 AFS-800-0887**

**THE TITLE IS THE SILENT
EMERGENCY SYSTEM MALFUNCTION**

-----END-----
WELD. PAINT.

MAINTENANCE RECORD

DATE 19 <u>96</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>9/20</u>			CHANGED OIL + REPLACED FILTERS ON LEFT + RIGHT ENGINES, SERVICED WITH 119TS AEROSHELL OIL. REPLACED LEFT + RIGHT ENGINE DRAIN Plug Seals with NEW. C/W AD 72-14-08 R1	
			By VISUAL INSPECTION OF FUEL FUEL HOSES FOR LEAKS. NONE FOUND. C/W AD 75-23-08 By VISUAL INSPECTION OF EXHAUST SYSTEM FOR LEAKS. NONE FOUND. HM 3015.8	
			JOSE M. BONZA AP 467 410867	
			By shirley 436762329 AJP	
			From Left Eng Log Book ENTRY.	

DATE 19 <u>97</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			AIRCRAFT 5245C ACTT 7112.1 HOBBS 3064.9	
			DATE 6/19/97 R/ENG TSO 572.8 L/ENG TSO 572.8	
			LDG <u>AT ENCL</u> L/ENG TT 2460.1 R/ENG TT 2460.1	
			WORK DESCRIPTION	
			C/W 100HR INSPECTION. REPAIRED BROKEN WIRES TO PROP DE-ICE BOOTS. REPLACED OIL AND FILTER WITH NEW. SERVICED WITH AEROSHELL 100/50 WT OIL. REPLACED INDUCTION AIR FILTERS WITH NEW. COMPRESSIONS WERE AS FOLLOWS. #1 74/80 #2 71/80 #3 69/80 #4 75/80 #5 76/80 #6 70/80. REMOVED MAGS FOR OVERHAUL. NEW P/N'S AS FOLLOWS: RT POSITION 10-163060-1 S/N F019126E LEFT POSITION P/N 10-163020-3 S/N A10900727. 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 431855880 AJP	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10th		
			AIRCRAFT 5245C ACTT 7112.1 HOBBS 3064.9 DATE 6/19/97 R/ENG CSO L/ENG CSO LDG L/ENG TT/TSO 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. <i>S.L. Liang</i> S.L. LIANG IA1547066	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
11-4	3104		Change oil & Filter, clean Eng, Check Filter No metal Found, Add 129ts Aero Shell AD100 & CH 48109 Filter Eng gross run check OK. <i>Michael E. Gulev</i> ADP435644292	
			5-13-98 Tach 3178 Change oil & Filter, cut open Filter No metal Found, ADD 129ts Aero Shell AD100 & CH 48109 Filter, Eng gross run checks OK. <i>Michael E. Gulev</i> ADP435644292 R/H Eng. book	

MAINTENANCE RECORD

DATE 19 <u>98</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
11-11	Tech		3333.7 Change oil & Filter cut open Filter, NO metal Found, ADD 12 qts Aero Shell AD 100 LCH 48109 Filter, Fasten new clamp on RHB 32 E spray plugs Eng ground run cluster OK.	Michael E. Shultz AIV 435644292
1-20-99	Tech		3387. Change oil & Filter cut open Filter, NO metal Found, ADD 12 qts Aero Shell AD 100 LCH 48109 Filter, Eng to be ground run & checked for leaks before returning to service. by pilot.	Michael E. Shultz AIV 435644292

MAINTENANCE RECORD

DATE 19 <u>99</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
4-5	Tech		3442.7 change oil & Filter cut open Filter, NO metal Found, ADD 12 qts Aero Shell AD 100 LCH 48109 Filter, Eng ground run cluster OK.	Michael E. Shultz AIV 435644292

[illegible]

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

N5245C RIGHT ENGINE LOG ENTRY 7-8-99 PAGE 1 OF 2
CESSNA 310R ser# 310R1523 HRMTR: 3531.0 TOTAL: 7627.3
CONTINENTAL mod#IO-520-MB1 ser#266006-R TSO:1038.9

Performed 100 Hour Inspection in accordance with mfr's instructions and Cessna Maintenance Manual. Changed oil and filter. Serviced wngine with Aeroshell Mineral oil*. Installed replacement magneto in left hand position timed @ 22 degrees BTDC. This magneto overhauled c/o TCM: P/N 10-163020-3; S/N K039823ER. Installed new propeller de-ice brush block assy #C40187. Cleaned all fuel 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. Replaced all three propeller de-ice backplate wire harness with new part #C165013-0602 and clamp #TA1720SS4T. Installed new exhaust coupling springs #1298119-4 as required.

<<<<<<<<continued Page 2>>>>>>>>

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[illegible]

THORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

N5245C RIGHT ENGINE LOG ENTRY 7-8-99 PAGE 2 OF 2
CESSNA 310R ser#310R1523 HRMTR: 3531.0 TOTAL: 7627.3
CONTINENTAL mod#IO-520-MB1 ser#266006-R TSO: 1038.9

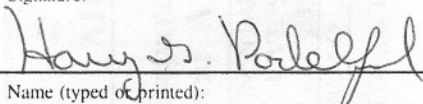
Installed overhauled cylinders in #6 & #5 positions with new piston rings, seals and gaskets. Cylinders overhauled c/o J & J Airparts, Inc. on their WO #JJI-42468 and #JJI-42469. Compression: #1 70/80 #2 74/80 #3 70/80 #4 76/80 #5 74/80* #6 06/80* Engine washed and ground run performed with no leaks 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. {Note: * engine serviced with mineral oil due to cylinder replacement for break-in purposes. #5 cylinder replaced due to cracking at upper spark plug hole.}

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 7-8-99 AUTHORIZED SIGNATURE

CRS #UG1R531K

[illegible]

1. UNITED STATES	2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No: SAME AS BLOCK 5
4. Organization: Teledyne Continental Motors P.O. Box 90 Mobile, Alabama 36601		FAA/PMA	5. Work Order, Contract, or Invoice# P01210
6. Item 1	7. Description MAGNETO	8. Part No. 10-163020-3	9. Eligibility* TBV BY INSTALLER
10. Qty. 1	11. Serial/Batch No. K039823ER	12. Status/Work REBUILT	
13. Remarks AIRWORTHINESS APPROVAL-PARTS. THIS IS NOT AN EXPORT APPROVAL. MANUFACTURED UNDER FAA/PMA			
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.			
14. New <u> X </u> Newly Overhauled <u> </u> 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 <u> </u> 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#: DAR# CE-142091	20. Authorized Signature:	21. Certificate Number:
17. Name (typed or printed): Harvey G. Padelford	18. Date: 01/19/1999	22. Name (typed or printed):	23. Date:
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.			

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG				3. SYSTEM TRACKING SAME AS BLOCK 5	
		US Department of Transportation Federal Aviation Administration				5. WORK ORDER, CONTRACT, OR INVOICE NO: 892212-1	
4. ORGANIZATION: C/O TELEDYNE CONTINENTAL MOTORS 4200 WESTPARK DRIVE, S.W. ATLANTA, GEORGIA 30336							
Teledyne Continental Motors P.O. Box 90 Mobile, AL 36601 FAA/PMA							
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
1	MAGNETO	10-163020-3	TBV BY INSTALLER	1	K039823ER	Rebuilt	
13. REMARKS AIRWORTHINESS APPROVAL-PARTS. THIS IS NOT AN EXPORT APPROVAL. . MFG. UNDER FAA/PMA							
Limited life parts must normally 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 date 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:	
		DMIRCE501495					
17. Name (typed or printed):		18. Date:		22. Name (typed or printed):		23. Date:	
Casandra M. Barnes		11/4/98					

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 under/installer before the aircraft may be flown.

DATE		TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
9		HOURS 1	P. O. Box 74170 Baton Rouge, LA 70874 West Ramp, Baton Rouge Metropolitan Airport Office: 504-354-1120 LOUISIANA AIRCRAFT INC. CRS UG1R531K <u>N5245C RIGHT ENGINE LOG ENTRY 8-17-99 PAGE 1 OF 1</u> <u>CESSNA 310R ser#310R1523 HRMTR: 3556.5</u> <u>CONTINENTAL mod#IO-520-MB1 ser#266006-R TSO: 1064.4</u> 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. Removed, cleaned, gapped and tested spark plugs. 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 <u>8-17-99</u> AUTHORIZED SIGNATURE CRS #UG1R531K	

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

Ent

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			10-31-99 HOBBS: 3607.0 Drained oil, replaced filter, and serviced with Aeroshell 100W. Inspected filters. Paul W. Jugi AP437863472	
			11-27-99 HOBBS: 3613.8 Removed spark plugs. Inspected leads. Installed new spark plugs. Paul W. Jugi AP437863472	

MAINTENANCE RECORD

DATE 2000 #	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2-21-00	3658.2		CHANGED OIL THIS DATE, ADDED 12 QTS. AEROSHELL W100 AND REPLACED OIL FILTER WITH NEW CH48108.	John Lucote AEP 487640360
4-27-00	3684.0		Replaced #3 + #4 Cyl. Installed Chrome Cyl P/N I 0520C Performed comp. ck on #3 + #4 Cyls #3 7/80 #4 7/80 - cut open old oil Filter NO METAL NOTED. Serviced eng with 12 qts of mineral oil. Ran up & leak ck. NO leaks noted. Ran up test was good. RPM, oil press, oil temp, Cyl temp, EGT, + manifold press. All good. AEP 435293433 Steve McLaughlin.	

Ent

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
6/29/00	7807.7		CHANGED OIL & FILTER, Serviced eng with 12 qts of Aeroshell 100W. cut open & inspected filter for metal. NO metal noted. washed down eng Ran up + inspected for leaks. NO leaks noted. AEP 435293433 Steve McLaughlin	

#5 Position R/H Eng

MAINTENANCE RELEASE

MANUFACTURER CONTINENTAL NAME CYL. ASSY.
MODEL No. B10-520 PART No. 653 446 CP 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. JJI-42469"

SIGNED Sehey Morgan DATE JUN 17 1999

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

#3 #4

Aviation Machine Shop
10905 Winrock Road
Mooringsport, LA 71060
(318) 929-4149 Fax 742-0070

MACHINE SHOP

port, LA 71060

Item 2 ea ID520-c Ch and Chrome Cyls S/N 3307
Comments SUPPLY 2 ea ID520c Valve Assembly and
Chrome Cyls. CSB 98-1B complied with
Date 4/19/00 By AL
Inspector RA Holten PH/3684077

AS PER FEDERAL AIR REGULATION 43.9

#6 Position R/H Eng

MAINTENANCE RELEASE

MANUFACTURER CONTINENTAL NAME CYL. ASSY.
MODEL No. B10-520 PART No. 653 446 CP 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. JJI-42468"

SIGNED Sehey Morgan DATE JUN 17 1999

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

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

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

Schreyer Morgan

DATE

JUN 17 1999

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

SERVICEABLE

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

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

Schreyer Morgan

DATE

JUN 17 1999

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

SERVICEABLE

MAINTENANCE RECORD

DATE 2000 +9	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2-21-00	3658.2		CHANGED OIL THIS DATE, ADDED 12 QTS. AEROSHELL W100 AND REPLACED OIL FILTER WITH NEW CH48108.	John Lucote AEP 48764.0360
4-27-00	3689.0		REPLACED #3 + #4 Cyl. Installed Chrome Cyl P/N I 0520C Performed comp. ck on #3 + #4 Cyl (#3 7/80 #4 7/80 - cut open old oil Filter no metal noted. Serviced eng with 12 qts of mineral oil. Ran up & leak OK. No leaks noted. Run up test was good. RPM, oil press, oil temp, Cyl temp, EGT, + manifold press. All good. AIP 435293433 <i>Steve McCallough</i>	

Ent

MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
4/29/00	7807.7		CHANGED OIL & FILTER, Serviced eng with 12 qts of Aeroshell 100W. cut open & inspected filter for metal. no metal noted. washed down eng. Ran up + inspected for leaks. no leaks noted. <i>Steve McCallough</i> AIP 435293433	

DATE		TOTAL TIME IN SERVICE	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
19	HOURS			
			P. O. Box 74170 Baton Rouge, LA 70874 West Ramp, Baton Rouge Metropolitan Airport Office: 504-354-1120	
LOUISIANA AIRCRAFT INC. CRS UG1R531K				
<u>N5245C RIGHT ENGINE LOG ENTRY 07/19/01 PAGE 1 OF 1</u> CESSNA 310R ser#310R1523 HRMTR: 3899.3 TOTAL: 7995.6 CONTINENTAL mod#IO-520-MB1 ser#266006-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. Replaced both muffler assemblies with new #K9910297-1 mufflers and related hardware/clamps as required. Installed new induction air filter. Removed, cleaned, gapped and tested spark plugs. Wash and run engine with satisfactory results. No leaks noted at this time. Compression test: #1 68/80 #2 72/80 #3 73/80 #4 73/80 #5 72/80 #6 76/80 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 <u>07/19/01</u> AUTHORIZED SIGNATURE <u></u>				
Larry R. Woodson/CRS #UG1R531K				

P. O. Box 74170
Rouge, LA 70874
mp, Baton Rouge
tropolitan Airport
ce: 504-354-1120

LOUISIANA AIRCRAFT INC. CRS UG1R531K

N5245C RIGHT 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#266006-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. Replaced both muffler assemblies with new #K9910297-1 mufflers and related hardware/clamps as required. Installed new induction air filter. Removed, cleaned, gapped and tested spark plugs. Wash and run engine with satisfactory results. No leaks noted at this time.

Compression test: #1 68/80 #2 72/80 #3 73/80 #4 73/80 #5 72/80 #6 76/80

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)

Ent

10-16-01 NS245C Rt. wing. HB3949.2
ENG: 1457.1

Drained oil, Replaced filter
CH 48111, Serviced oil using
Aeroshell 100, Replaced drain
plug gasket. Leak OK good.

TOTAL A/C TIME: 8045.5

N5245C S/N: 310R-1523 HOBBS: 3998.8

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

3-05-02 TRAVIS BROWN 433715580 APP

5/21/02 ^{1700BS} 440094 NS245 C RIGHT ENG,
PAN ENGINE, DRAINED OIL, REMOVED
OIL FILTER, INSTALLED NEW C448109
SERVICED ENGINE W/11 QTS ACERSEAL
W100. STARTED OIL PLOG, PAN ENGINES
NO LEAKS NOTED. REPAIRED SEVERAL
CHAPPED WIRES AT ENGINE SECTION
+ REPAIRED CLAMP. RETURNED TO
SERVICE. W-Build #4433586707

MAINTENANCE RECORD

AIR CHARTER ASSOCIATES INC.

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

DATE	TOTAL TIME IN SERVICE	
19__	HOURS	10ths

N5245C

ATT: 8211.5

09-9-02

Right Engine

T.S.O.: 1623.1

Complied with an annual inspection, replaced right exhaust bank, gaskets and
 nuts. P/N: K9910295-14/ RA628260. Performed compression check: #1-62/80,
 #2-70/80, #3-60/80, #4-79/80, #5-78/80, #6-76/80. Adjusted magneto timing.
 Replaced prop shaft seal. P/N: 641307. Replaced #1 spark plug heli coil.
 Replaced EGT probe. P/N: 86281. 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

8 HOURS
 CERTIFICATE TYPE
 (HOURS) SIGNATURE

Ent

MAINTENANCE RECORD

DATE	TOTAL IN S
19__	HOURS

N5245C Right Engine Log Entry 5-November-2003

Hobbs: 4198.2 TTAF: 8294.5 Cessna C-310R S/N: 310R1523

ED SIGNATURE,
 ICATE TYPE
 NUMBER

MAINTENANCE RECORD

DATE	TOTAL IN S	N5245C Right Engine Log Entry 5-November-2003						ED SIGNATURE, IFICATE TYPE NUMBER	
19__	HOUR	Hobbs:	4198.2	TTAF:	8294.5	Cessna	C-310R	S/N:	310R1523
		R. Engine TT:	3593.4	R. Engine TSO:	0	Continental	IO-520-MB1	S/N:	266006R
		R. Prop TT:	3593.4	R. Prop TSO:	83	McCauley	3AF32C504	S/N:	805853
		Removed Continental IO-520-MB1 s/n 266006-R engine from right side of N5245C Cessna 310R s/n 310R1523. Exchanged cylinders for yellow tagged Continental IO-520 cylinders s/n's: 79954-1, 79754-2, 79754-3, 79754-4, 79754-5, 79754-6 that were nitrided, with guides and seats replaced as needed, built with new parts, and M92-6 by Gibson-Aviation Repair Station AV2R704K on 8-October-2003. Aircraft Specialties Services Repair Station DD2R764K under W.O.# 134568 dated 10-October-2003 inspected, repaired, and approved to return to service the lifters s/n's: (2) ASR-7-29-03, (3) ASR-7-3-03, (1) ASR-4-28-03, (4) ASR-7-29-03, (2) ASR-6-27-03, the Int'l Steel (3) s/n S134568-5, the crank gears s/n: S134568-2, the camshaft model: 629726 AB s/n: 5134568-4, and the crankshaft (W.O. dated 14-October-2003) s/n S134568-1 (850276) The VAR type crankshaft manufactured 992 and inspected to comply with AD 907-26-17. Overhauled engine in accordance with Continental IO-520 Overhaul Manual and Table of Limits. The engine was assembled with Superior Air Parts p/n: SA646550-A1 Gasket Set. The front reference timing gear was found to be installed 180 degrees off which translates to 33 teeth							
		Re-installed engine on right side of the same aircraft. Serviced with 12 quarts Phillips X/C 20-50 oil, and installed Champion oil filter CH48109. Removed spark plugs and spun prop until the engine was pressurized with oil. Re-installed spark plugs, "Run In" engine. The oil pressure, oil temperature, cylinder head temperature, exhaust gas temperatures, and manifold pressure were good. Shut down engine and checked for leaks, none detected.							
		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 66/80, #4 74/80, #5 70/80, #6 74/80. 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 was complied with by Aircraft Specialties Services on 14-October-2003 under WO# 134568. 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.							
		<i>Michael S. Brown</i> Michael S. Brown A&P565719918 IA							

MAINTENANCE RECORD

DATE

N5245C Right Propeller Log Entry 5-November-2003

Hobbs: 4198.2 TTAF: 8294.5 Cessna C-310R S/N: 310R1523
 R. Engine TT: 3593.4 R. Engine TSO: 0 Continental IO-520-MB2 S/N: 266006R
 R. Prop TT: 3593.4 R. Prop TSO: 83 McCauley 3AF32C504 S/N: 805853

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

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

DATE

N5245C Right Engine Log Entry 01-December-2004

Hobbs: 4317.6 TTAF: 8413.9 Cessna C-310R S/N: 310R1523
 R. Engine TT: 3712.8 R. Engine TSO: 119.4 Continental IO-520-MB1 S/N: 266006R
 R. Prop TT: 3712.8 R. Prop TSO: 202.4 McCauley 3AF32C504 S/N: 805853

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed a 100 hour inspection in accordance with FAR 43 Appendix D and Cessna 310R Maintenance Manual. Compression check: #1 68/80, #2 68/80, #3 65/80, #4 69/80, #5 66/80, #6 71/80. 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.

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

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 IA

N5245C Right Propeller Log Entry 01-December-2004

Hobbs: 4317.6 TTAF: 8413.9 Cessna C-310R S/N: 310R1523
 R. Engine TT: 3712.8 R. Engine TSO: 119.4 Continental IO-520-MB2 S/N: 266006R
 R. Prop TT: 3712.8 R. Prop TSO: 202.4 McCauley 3AF32C504 S/N: 805853

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

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

[illegible]

N5245C Right Engine Log Entry 01-January-2006

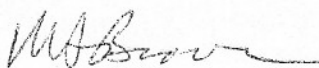
Hobbs:	4417.7	TTAF:	8514.0	Cessna	C-310R	S/N:	310R1523
L. Engine TT:	3822.9	L. Eng. TSO	1925.6	Continental	IO-520-MB1	S/N:	266007-R
R. Engine TT:	3822.9	L. Eng. TSA	219.5	Continental	IO-520-MB2	S/N:	266006-R
L. Prop TT:	3822.9	R. Eng. TSA	1452.1	McCauley	3AF32C504	S/N:	811386
R. Prop TT:	3822.9	R. Prop 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 #1-70, 2-71, 3-74, 4-76, 5- 70, 6-73. 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 Right Engine Log Entry N5245C

Hobbs:	4483.10	Airframe TT:	8579.40		
Right Tach:	"Hobbs"	Right Engine TT:	3878.30	Right Engine TSMOH:	284.90
		Right Prop TT:	3878.30	Right Prop TSMOH:	367.90

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 64/80, #2 63/80, #3 68/80, #4 69/80, #5 66/80, #6 75/80. Brackett Aero induction air filter BA-117 due each 200 hours at **8613.9 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&P565719918A1

01 March 2008 Right Engine Log Entry N5245C

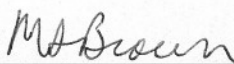
Hobbs:	4576.70	Airframe TT:	8673.00		
Right Tach:	"Hobbs"	Right Engine TT:	3971.90	Right Engine TSMOH:	378.50
		Right Prop TT:	3971.90	Right Prop TSMOH:	461.50

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 72/80, #2 70/80, #3 73/80, #4 70/80, #5 72/80, #6 74/80. 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

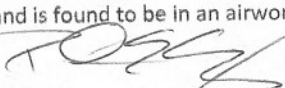


Michael S. Brown A&P565719918AI

Right Engine Log Book

N5245C
S/N 266006-R
Hobbs 4601.1
TSMO 402.9

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 72 #2 68 #3 72 #4 71 #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}

Right Engine Log Book

N5245C
S/N 266006-R
Hobbs 4601.1
TSMO 445.0

Date 12/20/2009
Manufacturer Continental
Model IO-520-MB1
TTE 4038.4

Patent Pending
681M

Removed and replaced ignition harness with new Kelly Aerospace p/n 08-0198. Ops check good.

Paul Schulz AP / IA 3417346



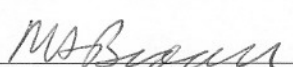
01 January 2010		Right Engine Log Entry		N5245C	
Hobbs:	4643.60	Airframe TT:	8739.90		
Right Tach:	"Hobbs"	Right Engine TT:	4038.80	Right Engine TSMOH:	445.40
		Right Prop TT:	4038.80	Right Prop TSMOH:	528.40

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual Inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 77/80, #2 63/80, #3 77/80, #4 72/80, #5 73/80, #6 65/80. 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.


Michael S. Brown A&P565719918A1

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N5245C
WORK ORDER:
1136-06-2010

Eagle One Aviation

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

DATE: 6/30/2010
A/C TSN: 8752.1
ENG TT (R): 4051
TSMOH (R): 457.6
TACH: 4655.8

Right Engine Entries

Removed right engine right magneto p/n 10-163060-1 s/n P019126E, replaced block, gear kit and oil seal, reassembled magento, reinstalled on aircraft, removed 6 ea. right magneto sparks plugs (fine wire) cleaned and reinstalled on engine, timed magneto to engine, ground run op's checked normal.

DATE: 6/30/2010

SIGNED:

Larry Berreth, A&P: 1683815IA



Work Order: 1136-06-2010

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Eagle One Aviation
2726 Perimeter Rd
North Las Vegas, Nevada 89032
Phone: 702-496-1791
Fax: 702-631-0099
Date: 6/30/2010, 5:20 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: 8752.1, Tach: 4655.8
A/C Serial: 310R1523

Customer Invoice
Work Order: 1136-06-2010

Item: 1 - Airworthy Engine			Hours	Subtotal
Discrepancy				
600 mag drop on right engine right mag p/n 10-163060-1 s/n			4.50	382.50

Corrective Action
Removed right engine right magneto p/n 10-163060-1 s/n P019126E, replaced block, gear kit and oil seal, reassembled magento, reinstalled on aircraft, removed 6 ea. right magneto sparks plugs (fine wire) cleaned and reinstalled on engine, timed magneto to engine, ground run op's checked normal.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		10-357426	Block		118.40	118.40
1		10-357586	Gear kit		164.39	164.39
1		10-357592	Oil Seal		49.16	49.16
Labor: \$382.50		Parts: \$331.95		Shipping: \$0.00		Item Subtotal: \$714.45

Additional Charges							Subtotal
Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	
0.00	0.00	0.00	0.00	7.65	0.00	0.00	\$7.65

Labor Summary		Total Labor:	\$382.50
Shop Labor: \$382.50	Outside Repair: \$0.00	Total Parts:	\$331.95
		Total Shipping:	\$0.00
		Additional Charges:	\$7.65
		Tax:	\$27.51
		Amount Due:	\$749.61
		Deposit:	\$0.00
		Balance Due:	\$749.61

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

WEST AIR AVIATION MAINTENANCE

2722 Perimeter Road
North Las Vegas, Nevada 89032
Phone: 702-499-4526
Date: 4/9/2010, 10:46 AM

CUSTOMER INFORMATION

Paul Schultz
Las Vegas
Reg. No: N5245C
Cessna 310R ^{8740.1}
Current A/C TT: 4643.8, Tach: 4643.8
A/C Serial: 310R1523

Customer Invoice
Work Order: 1062-04-2010

Item: 1 - Airworthy Engine

Discrepancy	Hours	Subtotal
Right engine check front engine mount bolts. customer installed mounts.	1.00	75.00

Corrective Action

Right engine torque checked engine mount bolts and bent up safety lock plates. Customer installed the front 2 engine mounts. Lord mount p/n. J-9613-58 and lock plates 3 ea. p/n. MCO 851559-1 and 1 ea. 0851559-1.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
2		629436	gasket alternator		3.82	7.64

Labor: \$75.00**Parts: \$7.64****Shipping: \$0.00****Item Subtotal: \$82.64****Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	1.50	0.00	0.00	\$1.50

Labor Summary

Shop Labor: \$75.00 Outside Repair: \$0.00

The estimated total was \$8.26

Taxed Items:

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

Total Labor: \$75.00**Total Parts: \$7.64****Total Shipping: \$0.00****Additional Charges: \$1.50****Tax: \$0.74****Amount Due: \$84.88****Deposit: \$0.00****Balance Due: \$84.88****Important Information****WEST AIR AVIATION MAINTENANCE**

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N5245C
WORK ORDER:
1062-04-2010

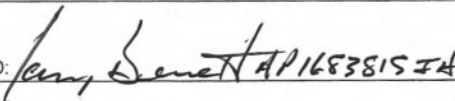
2722 Perimeter Road
North Las Vegas, Nevada 89032
Phone: 702-499-4526

DATE: 4/9/2010
A/C TSN: 8740.1
ENG TT (R): 4039
TSMOH (R): 445.6
TACH: 4643.8

Right Engine Entries

Right engine torque checked engine mount bolts and bent up safety lock plates. Customer installed the front 2 engine mounts. Lord mount p/n. J-9613-58 and lock plates 3 ea. p/n. MCO 851559-1 and 1 ea. 0851559-1.

DATE: 4/9/2010

SIGNED: 

Work Order: 1062-04-2010

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01 January 2010

Right Engine Log Entry

N5245C

Hobbs:	4643.60	Airframe TT:	8739.90		
Right Tach:	"Hobbs"	Right Engine TT:	4038.80	Right Engine TSMOH:	445.40
		Right Prop TT:	4038.80	Right Prop TSMOH:	528.40

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual Inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual.
Performed Compression Check: #1 77/80, #2 63/80, #3 77/80, #4 72/80, #5 73/80, #6 65/80. 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.


Michael S. Brown A&P565719918AI

09 February 2011 Right Engine Log Entry N5245C

Hobbs:	4687.00	Airframe TT:	8783.30		
Right Tach:	"Hobbs"	Right Engine TT:	4082.20	Right Engine TSMOH:	488.80
		Right Prop TT:	4082.20	Right Prop TSMOH:	571.80

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 74/80, #2 67/80, #3 69/80, #4 73/80, #5 68/80, #6 64/80. 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.


John Brown 1459849IA

01 March 2012		Right Engine Log Entry		N5245C	
Hobbs:	4733.60	Airframe TT:	8829.90		
Right Tach:	"Hobbs"	Right Engine TT:	4128.80	Right Engine TSMOH:	535.40
		Right Prop TT:	4128.80	Right Prop TSMOH:	618.40
<i>Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.</i> Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 77/80, #2 76/80, #3 76/80, #4 76/80, #5 63/80, #6 76/80. 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	

**Lone Mountain Aviation, Inc.**

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200
Fax: (702) 309-2203
Email: kennylma01@embarqmail.com

Invoice No.: 1756**Customer ID: OTC1****Date: 10/25/2012****Ship Via: Will Call****P/O No.:****Terms: COD****Sold By: Daniel Anderson****Contact:****INVOICE****Bill to:****OTC****Ship to:****OTC**

Part Number	Description	Retail Ea.	Your Price Ea.	Qty Order	Qty Ship Unit	Total Retail
471526	SEAL Ship In Charge: 9.30 P/O #: 11037	16.67	16.67	2	2	33.34
653487	GASKET, ACCESSORY DRIVE #2 ALT. P/O #: 10188	1.86	1.77	1	1 EA	1.77
653487	GASKET, ACCESSORY DRIVE #2 ALT. Ship In Charge: 0.08 P/O #: 11030	1.86	1.77	1	2 EA	3.54

Taxed Items:*DropShip, Misc Charges, Parts, Ship In, Ship Out***Taxable Subtotals (Before Tax):***DropShip = 0.00**Misc Charges = 0.00**Parts = 38.65**Ship In = 9.38**Ship Out = 0.00***Total Parts: \$38.65****Total Other Charges: \$0.00****Total Shipping: \$9.38****Total Tax: \$3.89****Total Invoice Amount: \$51.92****Deposit: \$0.00****Total Balance Due: \$51.92***Visa, Mastercard, Discover and American Express are accepted.***743-6496**



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200
Fax: (702) 309-2203
Email: kennylma01@embarqmail.com

Invoice No.: 1756

Customer ID: OTC1

Date: 10/22/2012

Ship Via: Will Call

P/O No.:

Terms: COD

Sold By: Daniel Anderson

Contact:

INVOICE

Bill to:
OTC

Ship to:
OTC

Part Number	Description	Retail Ea.	Your Price Ea.	Qty Order	Qty Ship	Unit	Total Retail
642714	Seal Garloc (CR3751)	7.53	6.78	1	1	EA	6.78
642714 (On BackOrder)	Seal Garloc (CR3751)	7.53	6.78	1	0	EA	0.00
653487	GASKET, ACCESSORY DRIVE #2 ALT. P/O #: 10188	1.86	1.77	1	1	EA	1.77
653487 (On BackOrder)	GASKET, ACCESSORY DRIVE #2 ALT.	1.86	1.77	1	0	EA	0.00

Taxed Items:

DropShip, Misc Charges, Parts, Ship In, Ship Out

Taxable Subtotals (Before Tax):

DropShip = 0.00

Misc Charges = 0.00

Parts = 8.55

Ship In = 0.00

Ship Out = 0.00

Total Parts:	\$8.55
Total Other Charges:	\$0.00
Total Shipping:	\$0.00
Total Tax:	\$0.69
Total Invoice Amount:	\$9.24
Deposit:	\$0.00

Visa, Mastercard, Discover and American Express are accepted.

Total Balance Due: \$9.24

Pat \$
RW

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

11/03/12 N5235C Cessna 310

Right 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. R&R'ed bellows on intake manifold and re-secured 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. Replaced 11 spark plugs Mil-P-00788GA and re-gapped new plugs to .018; 1 used Champion plug reinstalled in #3 Cyl. top and gapped to .018 torqued plugs to 350 in lbs. Washed complete engine, 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.

George Wilk ACP 1988200

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 3267664	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 1141423					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
3	BUSHING	0841003-1	N/A	2	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Keith Thompson</i>					
16. Approval/Authorization No.: ODA-100129-CE					
17. Name (Typed or Printed): KEITH THOMPSON					
18. Date (m/d/y): OCT/21/2011					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 3267664	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 1141423					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
1	CYLINDER B	061-02600	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Keith Thompson</i>					
16. Approval/Authorization No.: ODA-100129-CE					
17. Name (Typed or Printed): KEITH THOMPSON					
18. Date (m/d/y): OCT/21/2011					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 3267664	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 1141423					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
4	CLAMP	TA607D13	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Keith Thompson</i>					
16. Approval/Authorization No.: ODA-100129-CE					
17. Name (Typed or Printed): KEITH THOMPSON					
18. Date (m/d/y): OCT/21/2011					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1689555	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 744216					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
36	WASHER	S1450-5N12-050	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Barry A Smith</i>					
16. Approval/Authorization No.: 100129CE					
17. Name (Typed or Printed): BARRY A SMITH, ODARF					
18. Date (m/d/y): AUG/02/2007					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1689555	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 744216					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
36	WASHER	S1450-5N12-050	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Barry A Smith</i>					
16. Approval/Authorization No.: 100129CE					
17. Name (Typed or Printed): BARRY A SMITH, ODARF					
18. Date (m/d/y): AUG/02/2007					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2171505	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 866538					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
1	GASKET	B3-11-1	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
14. Certify 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 13.					
15. Authorized Signature: <i>Kenneth E. Wsocki</i>					
16. Approval/Authorization No.: 100129CE					
17. Name (Typed or Printed): KENNETH E. WSOCKI SR., ODARF					
18. Date (m/d/y): SEP/25/2008					
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 3267664	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 1141423	
6. Item: 5	7. Description: BUMPER AY	8. Part Number: 1241015-7	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 9710					

14. 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 13.		15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature: <i>Keith Thompson</i>	16. Approval/Authorization No.: ODA-100129-CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): KEITH THOMPSON	18. Date (m/d/y): OCT/21/2011	22. Name (Typed or Printed):	23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

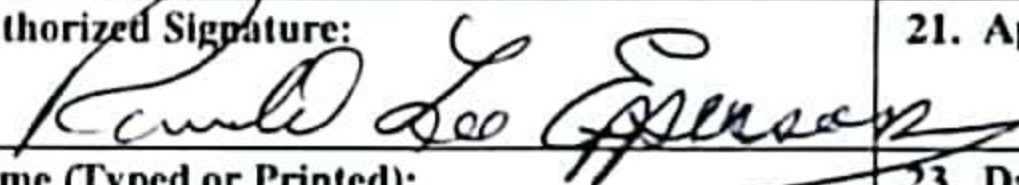
1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2841533	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 1039377	
6. Item: 2	7. Description: VALVE DRAI	8. Part Number: S2485-1	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: 1Q08
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 8330					

14. 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 13.		15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature: <i>Kenneth E. Wysocki Sr.</i>	16. Approval/Authorization No.: ODA-100129-CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.	18. Date (m/d/y): AUG/23/2010	22. Name (Typed or Printed):	23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 0029692-100	
4. Organization Name and Address: WESTERN SKYWAYS 21 CREATIVE PLACE MONTROSE, COLORADO 81401 (WS9R575J)						5. Work Order/Contract/Invoice Number: 0029692	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	FUEL CONTROL	632916-2	N/A	1	L058506KH	REPAIRED	
13. Remarks: 1. Repaired in accordance with Overhaul Manual X30593A. 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.							
14. 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 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: WS9R575J	
17. Name (Typed or printed):		18. Date (m/d/y):		22. Name (Typed or Printed): RONALD LEE EPPERSON		23. Date (m/d/y): NOV 14 2012	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

12 March 2013 Right Engine Log Entry N5245C

Hobbs:	4784.00	Airframe TT:	8880.30
Right Tach:	"Hobbs" Right Engine TT:	4179.20	Right Engine TSMOH: 585.80
	Right Prop TT:	4179.20	Right Prop TSMOH: 668.80

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: #1 62/80, #2 66/80, #3 70/80, #4 65/80, #5 66/80, #6 64/80. 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 14598491A

9-28-13
Tach 4826.1

oil change tangent filter
10 QTS Phil/45 26/50 XE

[Signature] 3321625

Date: Reg.#: SN: Hobbs Time:
06/26/2013 N5245C 310R1523 4805.3

Depaneled left and right engines for oil leaks. Removed left and right engine main fuel pumps and replaced the mount gaskets. Reinstalled both Lt. & Rt. MFP's and torqued Mt. nuts 120 inch lbs. Retorqued left engine rocker box covers on cylinders 1 thru 6 to 25 in lbs. Installed missing oil pan bolt on rear of right engine oil pan. Leak checked rocker box covers and MFP'S on engine run; repaneled both engines and returned Lt & Rt engines serviceable IAW C/M/M Sect.

7. *George Wolfe* A&P 1988320

Western Skyways, Inc.

21 Creative Place
Montrose, CO 81401

P040420

W/O NO. ~~P04020~~ MODEL I 0530 MB

PART NO. 646212-17A1 SN NO. H289525 BR

PART NAME Fuel Pump TT UNK. TSO Ø

REMARKS Overhauled and bench tested

IAW manual X30593A AD's and SB's

Complied up to and Including 812406

Date 9-20-13 Signature Don Leevers

SERVICEABLE

21 March 2014

Right Engine Log Entry

N5245C

Hobbs:

4850.20

Airframe TT:

8946.50

Right Tach:

"Hobbs"

Right Engine TT:

4245.40

Right Engine TSMOH:

652.00

Right Prop TT:

4245.40

Right Prop TSMOH:

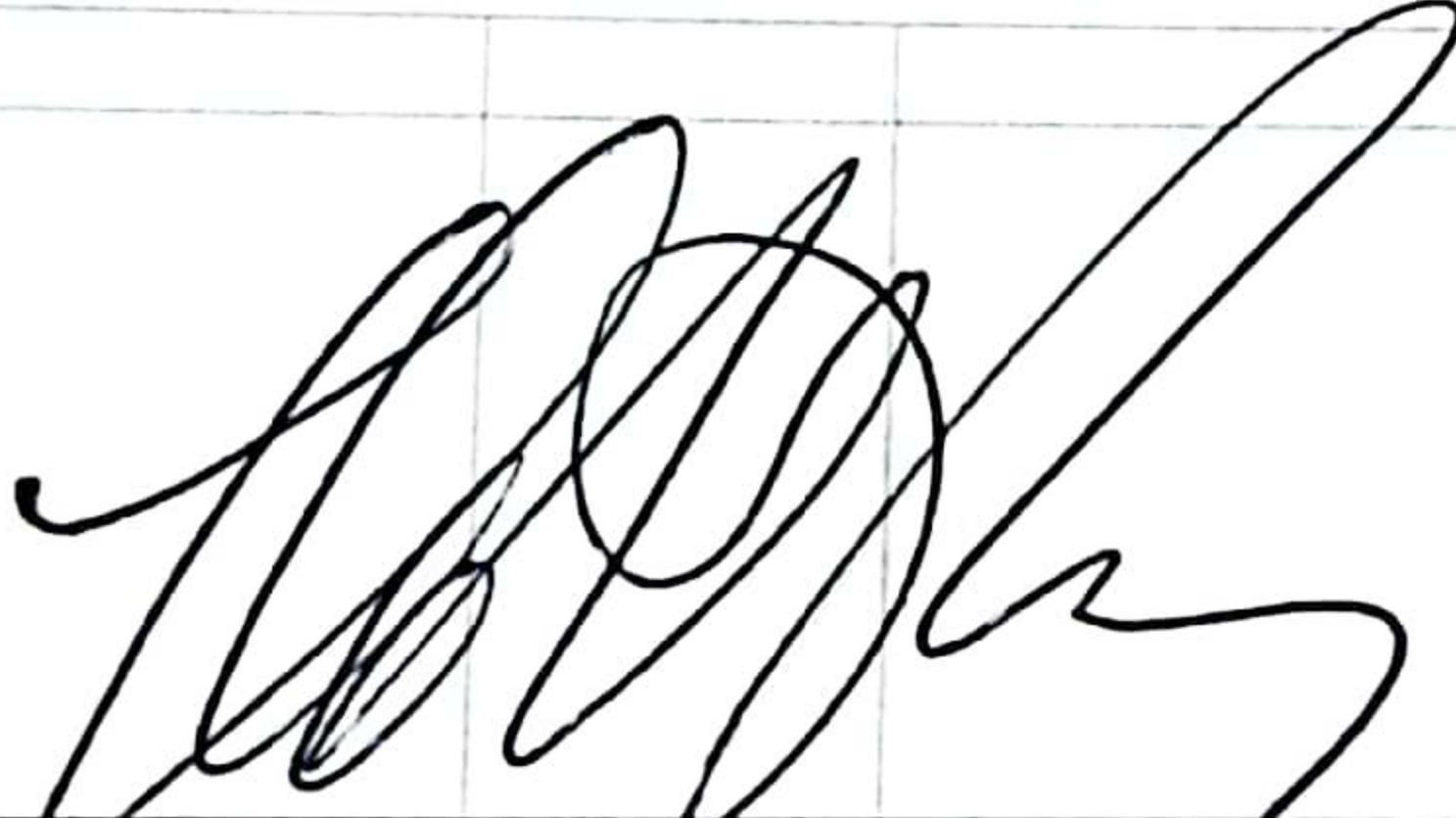
735.00

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Performed Compression Check: 1) 70 2) 60 3) 62 4) 62 5) 50 6) 65. See supplemental log in aircraft for oil change information. Replaced 2 cylinder stud bolts cylinder #1 part number 646140-1 and nuts 6524222. Ground the valves on cylinders 3 and 5. Replaced intake gaskets on 1, 3 and 5 part number 649959. Replaced alternator gasket part number 653981.

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.

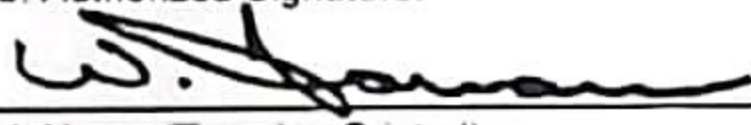

L.Scott Brooksby 3321625 AP


John Brown 1459849IA

1. Approving Civil Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 70321	
4. Organization Name and Address: Accessories, Inc 4123 MAY ST. FAA # TM2R192L WICHITA, KS 67209 Ph: 316-946-0701, Fax: 316-946-5801		5. Work Order/ Contract/ Invoice Number 77024R			

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	TACH GENERATOR	22A667	1	37852	Overhauled

12. REMARKS:
This part was OVERHAULED. Work order, (ref. block 5), prescribing actual work performed is on file. Prescribed work was performed in accordance with FAA approved data.
Prescribed work was performed in accordance with manual # **AI22A667, REV. 9/1/2000**. Certifies that the work specified in block 11/12 was carried out in accordance with EASA part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5969

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: TM2R192L
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Wayne Toman	14e. Date (dd/mm/yyyy): 07/Oct/2014

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 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.

Statement 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 March 2015 Right Engine Log Entry N5245C

Hobbs	4882.50	Airframe TT	8978.80
Right Tach	"Hobbs"	Right Engine TT	4277.70
		Right Prop TT	4277.70
		Right Engine TSMOH	684.30
		Right Prop TSMOH	767.30

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 69 2) 75 3) 72 4) 70 5) 70 6) 70. 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.

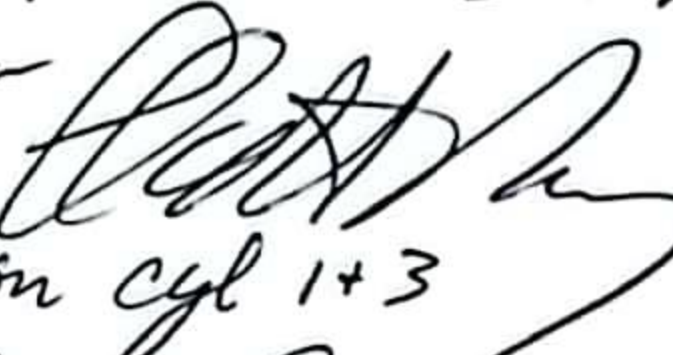
I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


L. Scott Brooks 3321625 AP


John Brown 1459849IA

5-1-15 TACH 4885.2 OIL CHANGE 10 QTS Phillips 20.50x
Champion 48100 oil filter

6-26-15 Replaced VALVE cover gaskets on cyl 1+3
PN 055528

 3321625AP
 3321625AP

20 March 2015 Right Engine Log Entry N5245C

Hobbs:	4882.50	Airframe TT:	8978.80		
Right Tach:	"Hobbs"	Right Engine TT:	4277.70	Right Engine TSMOH:	684.30
		Right Prop TT:	4277.70	Right Prop TSMOH:	767.30

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 69 2) 75 3) 72 4) 70 5) 70 6)70. 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

01 April 2016 Right Engine Log Entry N5245C

Hobbs	4927.10	Airframe TT	9023.40		
Right Tach	"Hobbs"	Right Engine TT	4322.30	Right Engine TSMOH	728.90
		Right Prop TT	4322.30	Right Prop TSMOH	811.90

Note: The front reference timing gear is installed 180 degrees off which translates to 33 teeth off the reference timing marks.

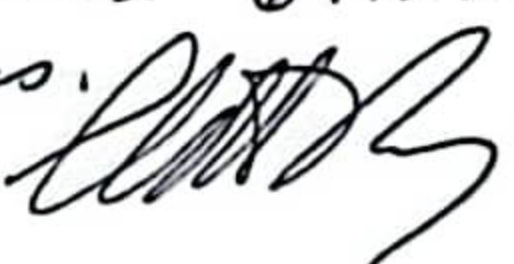
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 72 2) 69 3) 66 4) 72 5) 73 6) 70. See supplemental log in aircraft for oil change information.

AD 97-28-17 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 Brookley 3321625 AP


John Brown 14598491A

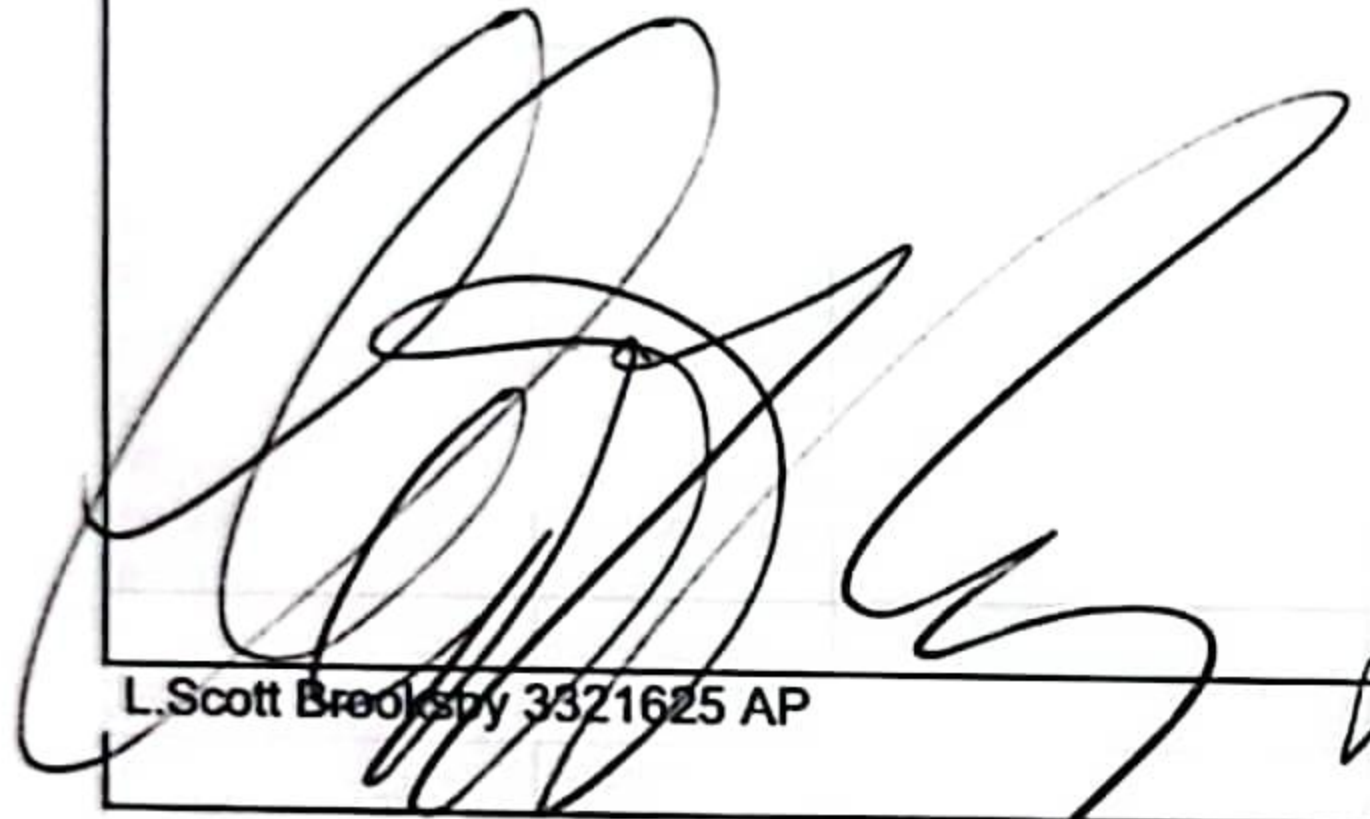
7-2-16 Replaced both 629/63.5 Clamps ASM 1.875 x 2.8437 ID on RT side of intake. Replaced 641245 Bracket. Run up to full power - normal ops.
 3321625 AP

01 April 2016 Right Prop. Log Entry N5245C

Hobbs:	4927.10	Airframe TT:	9023.40		
Right Tach:	"Hobbs"	Right Engine TT:	4322.30	Right Engine TSMOH:	728.90
		Right Prop TT:	4322.30	Right Prop TSMOH:	811.90

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R manual.

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



L. Scott Brooks 3321625 AP



John Brown 1459849IA

04 August 2017 Right Engine Log Entry N5245C				
Hobbs:	4938.80	Airframe TT:	9034.90	
Right Tach:	"Hobbs"	Right Engine TT:	4333.80	Right Engine TSMOH: 0.00
		Right Prop TT:	4333.80	Right Prop TSMOH: 0.00
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 78 2) 76 3) 76 4) 74 5) 73 6) 77. Changed oil with 10 quarts Phillips 20-50 XC Tempast 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 Brooks 3321625 IA				

8-16-17 Replaced Rt starter part # 646 275-1 Serial # H-R062213
Hobbs 4939.0

8-4-18 Renard & had resealed fuel pump, throttle body control & fuel manifold. Help from Don Dondrow.
 3321625 AP

29 August 2018 Right Engine Log Entry N5245C

Hobbs:	4961.90	Airframe TT:	9058.20	
Right Tach:	"Hobbs"	Right Engine TT:	4357.10	Right Engine TSMOH: 23.30
		Right Prop TT:	4357.10	Right Prop TSMOH: 23.30

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 60 2) 58 3) 57 4) 55 5) 64 6) 52. 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 6321625 IA

06 September 2019 Right Engine Log Entry N5245C

Hobbs:	4984.10	Airframe TT:	9080.40		
Right Tach:	"Hobbs"	Right Engine TT:	4379.30	Right Engine TSMOH:	45.50
		Right Prop TT:	4379.30	Right Prop TSMOH:	45.50

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 61 2) 57 3) 55 4) 58 5) 62 6) 48. Boroscope inspection of each cylinder no problems noted.

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

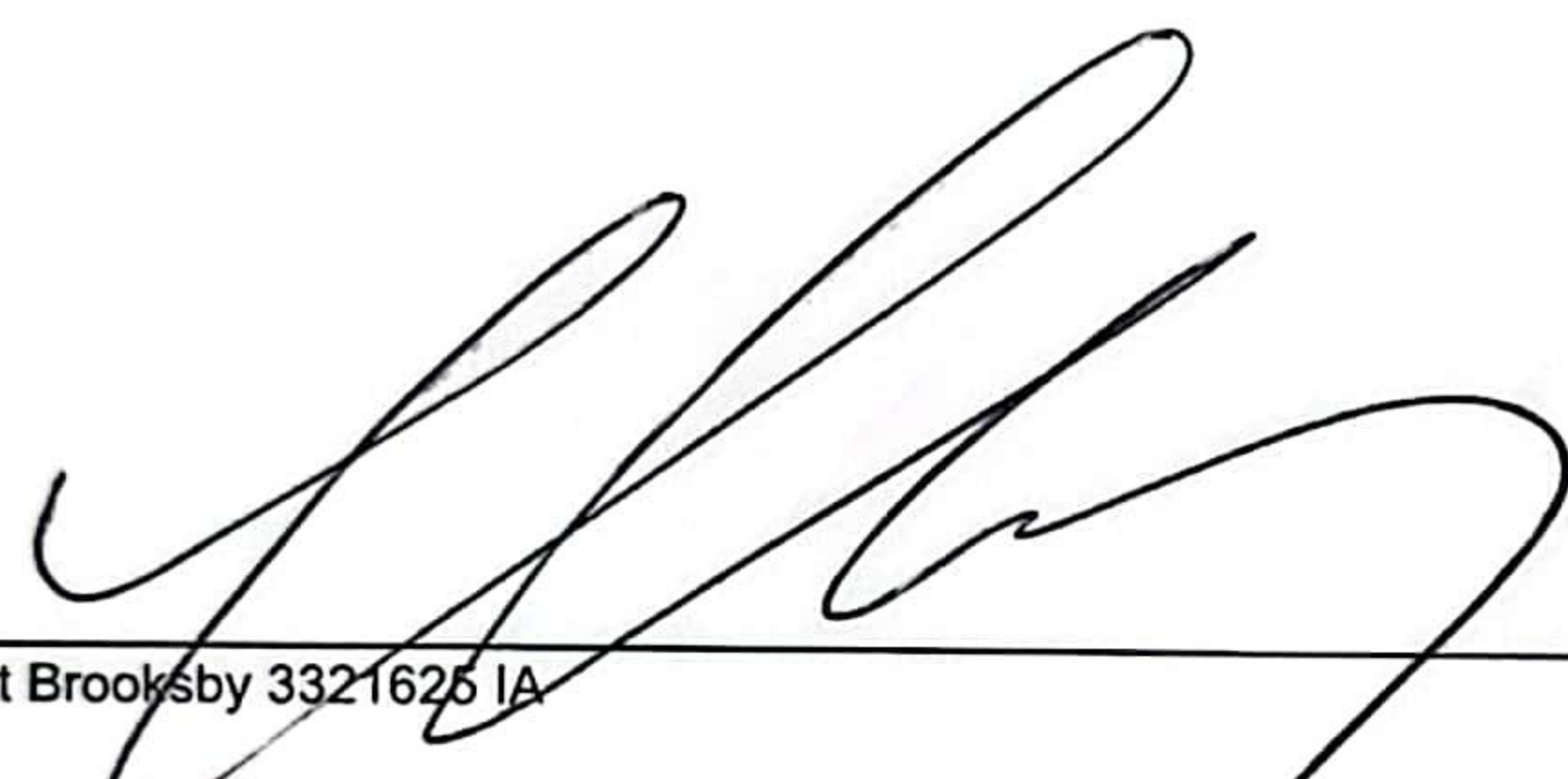
23 July 2021 Right Engine Log Entry N5245C

Hobbs:	5003.50	Airframe TT:	9099.80		
Right Tach:	"Hobbs"	Right Engine TT:	4398.70	Right Engine TSMOH:	64.90
		Right Prop TT:	4398.70	Right Prop TSMOH:	64.90

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 61 2) 57 3) 55 4) 58 5) 62 6) 48. Boroscope inspection of each cylinder no problems noted.

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.

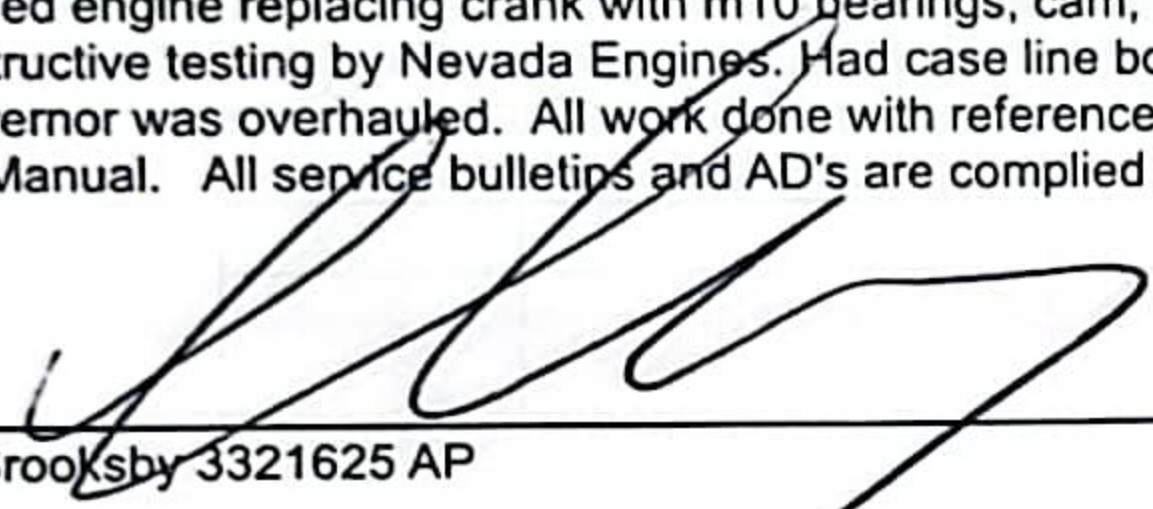


L.Scott Brooksby 3321625 IA

13 April 2017 Right Engine Log Entry N5245C

Hobbs:	4938.60	Airframe TT:	9034.90		
Right Tach:	"Hobbs"	Right Engine TT:	4333.80	Right Engine TSMOH:	0.00
		Right Prop TT:	4333.80	Right Prop TSMOH:	0.00

Overhauled engine replacing crank with m10 bearings, cam, rings, exhaust valves, lifters. All hard parts had Non-destructive testing by Nevada Engines. Had case line bored by Divco. Had both Magnetos repaired. Prop governor was overhauled. All work done with reference to FAR 43 Appendix D and Continental IO520 Service Manual. All service bulletins and AD's are complied with.


L.Scott Brooksby 3321625 AP

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: W054563-100	
4. Organization Name and Address: WESTERN SKYWAYS 21 CREATIVE PLACE MONTROSE, COLORADO 81401 (WS9R575J)					5. Work Order/Contract/Invoice Number: W054563	
6. Item: 1 2 3	7. Description: FUEL PUMP MANIFOLD VALVE FUEL CONTROL UNIT	8. Part Number: 646212-17A1 641032-12A3 632916-2	9. Quantity: 1 1 1	10. Serial Number: H289525BR L068506RC L058509RA	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.: WS9R575J		14b. Authorized Signature: 		14c. Approval/Certificate No.: WS9R575J
13d. Name (Typed or printed): LARRY FLATTEN		13e. Date (dd/mm/yyyy): 04 JUN 2018		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.						

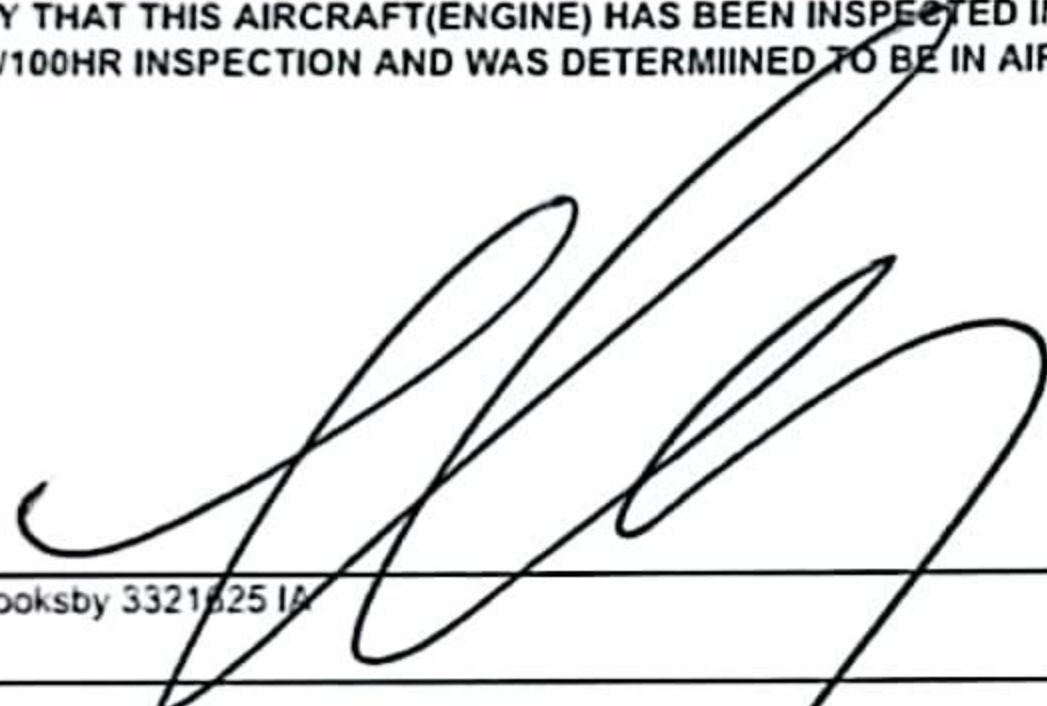
20 January 2023 Right Engine Log Entry N5245C

Hobbs	5003.50	Airframe TT	9099.80		
Right Tach	"Hobbs"	Right Engine TT	4398.70	Right Engine TSMOH	64.90
		Right Prop TT	4398.70	Right Prop TSMOH	64.90

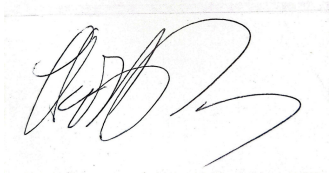
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check 1) 61/80 2) 57/80 3) 55/80 4) 58/80 5) 62/80 6) 48/80. Boroscope inspection of each cylinder no problems noted.

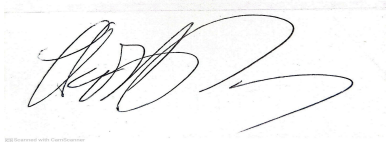
AD 97-26-17 Amendment 39-10260, VAR Crankcase subsurface fatigue cracks Due at overhaul or whenever the crankcase is removed from the engine, whichever comes first.

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

03 May 2024 Right Engine Log Entry N5245C				
Hobbs:	5011.30	Airframe TT:	9107.60	
Right Tach:	"Hobbs"	Right Engine TT:	4406.50	Right Engine TSMOH: 72.70
		Right Prop TT:	4406.50	Right Prop TSMOH: 72.70
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 78/80 2) 73/80 3) 76/80 4) 68/80 5) 78/80 6) 73/80. Boroscope inspection of each cylinder no problems noted. 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				

06 June 2025 Right Engine Log Entry N5245C				
Hobbs:	5014.60	Airframe TT:	9110.90	
Right Tach:	"Hobbs"	Right Engine TT:	4409.80	Right Engine TSMOH: 76.00
		Right Prop TT:	4409.80	Right Prop TSMOH: 76.00
Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 65/80 2) 65/80 3) 76/80 4) 48/80 5) 55/80 6) 58/80. Boroscope inspection of each cylinder no problems noted. 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				

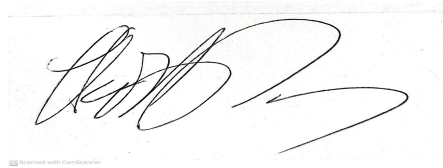
01 July 2026 Right Engine Log Entry N5245C

Hobbs:	5023.50	Airframe TT:	9119.80	
Right Tach:	"Hobbs"	Right Engine TT:	4418.70	Right Engine TSMOH: 84.90
		Right Prop TT:	4418.70	Right Prop TSMOH: 84.90

Performed Annual/100 hr inspection with reference to FAR 43 Appendix D and Cessna 310R Service Manual. Cleaned, gapped and tested spark plugs. Tested magnetos and timing and found within normal limits. Performed Compression Check: 1) 72/80 2) 40/80 3) 62/80 4) 48/80 5) 60/80 6) 48/80. Air leakage through crankcase. Boroscope inspection of each cylinder no problems noted.

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