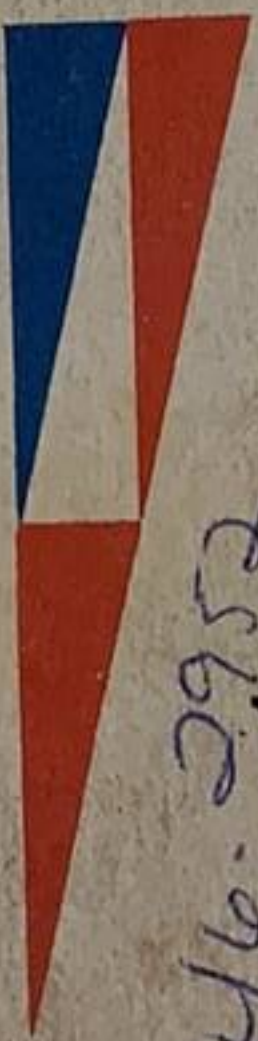


N2318F Eng Log #1

Cessna®



Lewis

N2318F  
ES6C-9PH

ENGINE  
AND PROPELLER LOG

N2318F

SERIAL NO. 110618-4-A

ENGINE DESCRIPTION

Mfr. Continental

Place

Type Superceel

Rated H.P. 285

Model 20.520-A

Serial No. 110018.4-A

Rated R.P.M. 2700

Maximum H.P. 285

Weight (Dry)

Bore

Maximum R.P.M. 2700

Oil Pressure

Compression Ratio

Stroke

Displacement

Cu. In.

Supercharger Ratio

Gear Ratio

Propeller McCawley

Blade Design 90-AT-88

Hub Design KA 2A 34C-68 Hub Serial No. 643349

Maximum Hub H.P.

Blade Serial No. C220224

Blade Serial No. C226664

Pitch

Maximum Blade H.P.

High 25.8" low 10.5" Diameter 2"

Length

Owners Name

Address

City

State


DATE

1964

6-18-65

450215

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1964	125	125				
6-18-65	49			25 Hr. Insp. and oil change. Cessna 5/1 65-41 0/W	A. B. Diamond	1424517
Sept 15	84	36		Oil change - Aeroshell 40	B. L. Davis	1608017

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

REPAIRS --- ADJUSTMENTS

DATE	DURATION	ACCUMULATED TOTAL TIME		SIGNATURE	LICENSE NUMBER
		HOURS	10THS		
9-25-65					
Jack. 103:00 hrs All was checked & screens checked & cleaned.					
Company session!					
#1	70/80	70	80		
#2	70/80	70	80		
#3	70/80	70	80		
#4	70/80	70	80		
Date 9-25-65 Total time 103:00 "I certify that this aircraft has been inspected in accordance with the inspection and was determined to be in airworthy condition." Permedic					
MERCURY AVIATION CORPORATION Tucson, Ariz. Phoenix, Ariz.					
FAA REP. STA. NO. 4340 AIRFRAME CLASS 3					
James A. [Signature] Insp.					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE

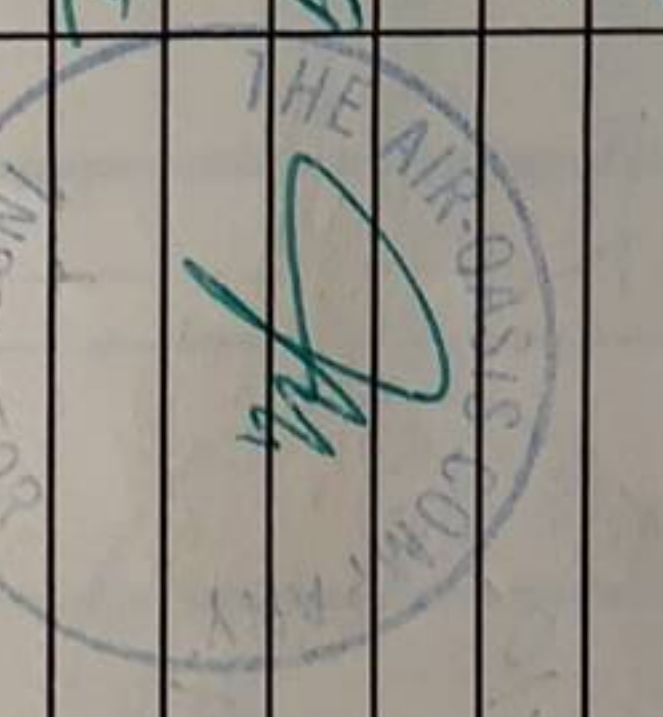
19

10/19/65

ENGINE LOG

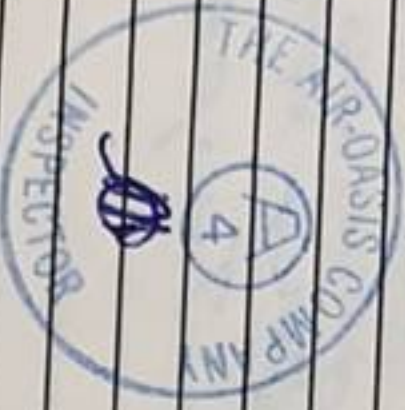
DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19/14/65	TAC	134	5			
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		
				I certify that this aircraft has been inspected in accordance with a [handwritten] inspection and was determined to be in airworthy condition. Other details of [handwritten] file at this facility under MO# [handwritten] THE AIR OASIS CO. Approved Repair Station #292 3353 Laywood Blvd. Long Beach, Calif.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				I certify that this aircraft has been inspected in accordance with a <u>25 HR.</u> inspection and was determined to be in strength condition. Other details of this inspection are on file at this facility under WO # <u>21304</u>		
				THE AIR-OASIS CO. Approved Repair Station 4582 3252 Lakewood Blvd. Air Frame Class Long Beach, Calif. I, III & IV Power Plant Class Limited Instrument		
				Tach - <u>251.73</u>		
				<u>Feb. 1, 1966</u>		



CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LIC NU
		HOURS	10THS			
19						
				2-16-66 to 295:40 2 1/2 hrs. dump completed this date. All fuel for #4 #11685's date.		
				4-12-66 Tach. 333:00 Oil was changed & serviced.		
				Compressor: closed.		
				#1. 78/80 #2. 78/80 #3. 79/80 #4. 74/80 #5. 76/80 #6. 77/80		
				Date 4-12-66 Total Time 333:00 I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.		
				MERCURY AVIATION CORPORATION Tucson, Ariz. Phoenix, Ariz. FAA REP. STA. NO. 4346 ORFRAME CLASS 3		
				<i>James A. McWhorter</i> Inspector		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 66						
MAY 24, 1966	7 hrs	381	48	Change Oil, Clean Air Filter, Wash Engine, Check Battery, Check Tires	W. M. Nelson	
6-22-66	7 hrs	422	26	100 hr inspection completed. Cleaned and greased spark plugs, ran compression check. Changed oil w/ accessories wks. AND changed oil filter, element. Cleaned injection pump filter, cleaned both air filters. Inspected starter, switches, inspected alternator drive belt for tension and wear. Inspected heat shield and exhaust system. Checked operation of engine controls. Washed engine. Richard Feynman AHP 752130		
7-2-66		438	0	RECORDED AT 752130 Autoput 200000000 P. 15-15-126		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DUR
8-11-66	
7-17-66	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-11-66	7:41 Time			479.54. 50 Hr inspection completed. Changed oil w/ Amoswell 5000. Reamed air filter. Replaced engine and exhaust systems. Checked system fluid.		
				Allen A Bird AT E 14774		
9-19-66	7:17 Time			521.67 - 100 Hr inspection. Reamed and changed engine oil. Checked starter brush key to rotor & commutator. Reamed & changed oil. 5000 - 2 bell changes and 70 lbs Regalace. Reamed & changed starter unit. Reamed engine - Start pump & pipe.		
				DATE 9-19-66		
<p>I certify that this aircraft has been inspected in accordance with <u>100 Hr</u> inspection and was determined to be in <u>airworthy</u> conditions. SIGNED <u>James M. Smith</u> AXP586098</p>						
	7:41 Time			560. 50 Hr check. Changed oil. Reamed engine. Reamed filter. Service by Smith AXP556109		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 66						
11-17	Talk	59	42	50 Hr check - change oil, change water level, 4000 shell oil, grease with Judd's 591098	<i>[Signature]</i>	
12-21-45		625	78	INSTALLED MOTOR MOTOR. Engine damaged P. 1515125	<i>[Signature]</i>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1-10-67	10:00			Check. CH:00 was changed & sensors cleaned.		
<p>Compressor:</p> <p>#1. 7/27/80, 70/80, 75/80, 79/80, 81/80, 85/80, 86/80</p> <p>#4. 7/31/80, 75/80, 79/80, 81/80, 85/80, 86/80</p> <p>Date <u>1-10-67</u> Total Time <u>641:00</u></p> <p>I certify that this <del>work</del> <u>work</u> has been inspected in accordance with <u>FAA</u> <u>Manual</u> inspection and was determined to be in airworthy condition.</p> <p>MERCURY AVIATION CORPORATION  <del>Phoenix, Ariz.</del> Phoenix, Ariz.</p> <p>FAA REP. STA. NO. 4340            AIRFRAME CLASS 3  <i>James St. Myrtle</i>            Insp.</p> <p>Completed 50 hours Propbecker Feb James 691.93            50 not available Kelly RPT 1493660</p>						
1/13/67						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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NUMBER

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				<p><i>Oil change</i></p> <p>I certify that this <del>engine</del> <del>has</del> been inspected in accordance with <u>100</u> inspection and was determined to be in <u>excellent</u> condition. Tech. reads <u>743/100</u></p> <p>Date <u>6-13-57</u> A &amp; P # <u>14361855pt 1A</u></p> <p>Name <u><del>Michael J. ...</del></u></p>		
<i>7/15/57</i>	<i>Working 784</i>	<i>73</i>		<i>Changed engine oil filter removed, cleaned &amp; reinstalled oil pressure relief valve. - Jimmy C. Brown 1A 1497694</i>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Checked & fixed 799 hrs		
				Checked a 85 hrs and the following night	Alpine High School	
				Checked and fixed the engine. The prop & pit V filter. Cleaned the		
				Checked and fixed the engine. The prop & pit V filter. Cleaned the		
				Checked and fixed the engine. The prop & pit V filter. Cleaned the		
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CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

9/28/67 TRAIL: 822

50th check

CHANGED OIL REOUSTAIL 250  
 ADD 1002066  
 John Curtis

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				<p style="font-size: small;">I certify that this <del>aircraft</del> has been inspected in accordance with <u>100 hour</u> inspection and was determined to be in airworthy condition. "Tech. reads. <u>8414 hours</u>"</p> <p>Date <u>6-28-67</u> A &amp; P # <u>14361857817A</u></p> <p>Name <u>[Signature]</u></p>	<u>[Signature]</u>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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BER

# ENGINE LOG

REPAIRS --- ADJUSTMENTS

DATE	DURATION	ACCUMULATED TOTAL TIME		SIGNATURE	LICENSE NUMBER
		HOURS	10THS		
19					

I certify that this aircraft has been inspected in accordance with  
*100 hrs*  
inspection and  
was determined to be in airworthy  
condition." Tach. reads, 96317  
Date 5/14/68 & P # 14320834  
Name T. No. Smith T. Smith  
Checked oil & checked reports & changed injectors  
Repacked landing gear on second flap stand.

A/P B20834  
Kenneth P. Hutchinson

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
June 11		991		Rebuilt main alternator & stages Regulator. Replaced oil pressure switch. A. Brown CRS 38414 (on new line.)		
6/26/68	TK			Oil changed w/pts Ferroshell oil screen checked FRP 182934 Yonkers B. K. Kitchener		
7/15/68	TK	1020:47		Changed gas flow overhaul APL Co FRP-1352557		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				<p style="font-weight: bold; text-align: center;">MAINTENANCE RELEASE</p> <p>Sept 20-1968 Tech order 1058 hrs. Engine overhauled &amp; maintenance cleared in accordance with all FAA regulations. O.D. #6163, 1297 hours on 50 W. Hubert, G-184 Overhaul by Aug 20th on G-184 Hubert. Service Bulletin #65 Comp. lid.</p>		
				<p style="text-align: center;"><b>MAINTENANCE RELEASE</b></p> <p>Type <u>Cent</u> Model <u>10520-A</u> Serial <u>110618-4-4</u></p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6163</u> Date <u>Sept-20-1968</u></p> <p>Signed <u>Rennell H. Mann</u> for</p> <p>POST AVIATION SERVICES CO. INC.            FAA APPROVED STATION NO. 2133            P.O. BOX 4368            SANTA FE, NEW MEXICO 2 hr. Test Flight - Engine running. O.K. Under test</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

1607226 Com





# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				2/10/69 TRACH: 1219		
				25HR CHECK		
				CHANGED OIL TEX. #30		
				APP 1602646		
				<i>John Miller</i>		
3-20-69		1239		Re-wired & adjusted throttle warning switch & fuel boost pump switch. Eng. ground checks OK.		
					<i>A. B. Mason</i>	
					CRS 3844	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4-7-69		Tach	1252	AEP 1835643 R. Robert B. Morgan I certify that this aircraft has been inspected in accordance with <u>100 HR</u> inspection and was determined to be in airworthy condition." Tach. reads <u>1258</u> Date <u>July 19</u> A & P # <u>660266</u> Name <u>J. Robert Morgan</u>	CHANGED OIL TEN A50 INSTALLED TEMPORARY HOT INDUCTION AIR CHARGE NEW INDUCTION AIR CABLE NEW ON ORDER, REPAIRED BROKEN EXHAUST BATTERING, INSTALLED NEW RUBBER ATTACH POINTS ON NOVEL FLAPS, RETIMED 4H MAG	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
5/6/69				TACH: 1086 OIL CHANGED TEX 450 HYDRA. SYSTEM Filled. HPP 1603666 New (filled)		
5/29/69				1314.0 oil change Aeroshell 50w Tach for Boost Repair engine on Pump Paul R. (photo) HPP 1681191		
7/14				tach 1336.0 oil change Aeroshell 50w KANSAS		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				<p style="text-align: center;">Date: <u>10-9-70</u> TACH READING <u>1456</u></p> <p>I CERTIFY THAT THIS <u>Engine</u> <span style="float: right;">MAE 0001</span></p> <p>INSPECTED IN ACCORDANCE WITH A <u>Bureau</u></p> <p>INSPECTION AND WAS DETERMINED</p> <p>WORTHY CONDITION.</p> <p style="text-align: center;"><u>Oliver W. Coy</u></p> <p style="text-align: center;"><u>IA 1556578</u></p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE  
NUMBER

*Bill*

*ed*

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOTHS				
19							
				<p>The aircraft and/or component identified herein was repaired and inspected in accordance with Federal Aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>05882</u> Date <u>12-21-71</u></p> <p>Signed <u>[Signature]</u> (Signature of authorized individual) for            SOUTHERN JERSEY AIRWAYS, INC.            F.A.A. Approved Repair Station 1733            AIR FRAME CLASS III            RIO GRANDE, N. J. 08242</p>	<p>I certify that this engine has been inspected in accordance with an approved inspection and was determined to be in airworthy condition. Pertinent details are on file at this agency under work order No. <u>05882</u></p> <p>Signed <u>[Signature]</u> (Authorized Signature) for            SOUTHERN JERSEY AIRWAYS, INC.            F.A.A. Approved Repair Station 1733            AIRFRAME CLASS III            RIO GRANDE, N. J. 08242</p>		
				<p><u>TSOH 438</u> <u>T.T. 1496</u></p> <p><u>Installed Overhauled</u>  <u>chrome cut. #4 position</u>  <u>changed oil (Syn 40 Reg)</u></p>	<p><u>TSOH 438</u> <u>T.T. 1496</u></p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
2-1-73				YACH 1506 112		
				REMOVED PUMP/CLIPPER MOD BL E2A34C73/		
				90A4-8 HUBS SER. # 2044 FOR AD 72-257		
				2 ME CARRY BUILT IN # 100 COMPLIANCE		
				(NOTE) BOTH BLADBS BLOW MIN. 4 HRS		
				(NO MATERIAL FOR REPAIRS)		
				INSTALL REPELLER ASS BMB 14 MOD BK		
				E2A34C73XN/590A4-8 HUB SER 65340		
				BLADBE SER # 24340745 & 24367945		
				SEND SENNICH WORK CARD # R5307		
				SEND SENNICH CORP. DEERIZLIR REPAIR		
				STATION # 3528 KANE ST BR PA		
				WASH DC B. ROAD		
				WA 5178240		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1973	Entered in morning Log					
				Feb 73 Tech Time 1506:12 Tacked Alc Performed gear Retraction Test		
				Cleaned Insp Rechecked Wheel Bearings Replaced Both Brake Discs & Linings		
				Serviced Nose Strut Lubed Gear Cleaned Fuel Strainer - Prep Greasework		
				By Sensorich to Clud AD 72-25-7 Clud AD 72-3-3 by installing		
				Hyl Snubber in Flap Servo Tack System Kit #5K 150-37B Lubed Flight		
				Controls, Washed Wheel Wells & A/C Serviced Battery		
				Hyl Pumper Pack		
				Feb 73 TT. 1506:12 71-24-4 by Insp Reflect Spruner APP 1010530		
				2-1-73 TT. 1506:12 I certify that this engine		
				has been insp. in Acc. with Av Approval Insp.		
				at Found to be in Airworthy condition -		
				U.D. Shorts App 1010530		

Entered in morning  
Log  
Forward Entry on opposite page

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE  
1973  
Feb

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1973 <u>Feb</u>		1586	12	<p>Comp check as follows #172 #272 #371 #473 #571 #672</p> <p>Repaired EGT wires at probe Checked timing + Inga heads</p> <p>Replaced worn Alt Belt lubed Eng. Controls Secured "P" leads</p> <p>Repaired thru the warning horn switch Bkt repaired baffle</p> <p>off of oil cooler. Repaired Drain for Hyd Pump Repaired</p> <p>Incl Syst vent Drain cleaned Eng Oil Screen Washed</p> <p>Eng Report checked for leaks cleaned plugs</p> <p>Report Snyder At P 2106530</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				Aug. 2, 1973 Mech reads. 1508.81 Removed propeller + sent to Sensewich Propeller for reworking Nicks in props. See maintenance release in back of books. Thomas A. Roman A4013741208 Ed		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE 19 72

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
# 74						
MARCH 1, 1974				TACH REAR 1511.96 HRS TOTAL TIME 1511.96 HRS I suspect that this engine has been subjected in accordance with a Manual inspection and a list of discrepancies and necessary items has been provided for the aircraft owner or lease. Fred J. Stoville T41046134		
1 MARCH 1974				TACH REAR 1511.96 HRS OIL changed 12 qts 20-40 AD Serviced magnetron streamer. Right indy timed to engine. Sync checked. Compression check 1 7/80      2 7/80      3 7/80      4 7/80      5 7/80      6 7/80 Plugs cleaned, gapped & tested. Hyd fluid added. Disc replaced as listed above; rectified. Engine washed down. Fred J. Stoville T41046134		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

LICENSE NUMBER

DATE

DURATION

ACCUMULATED  
TOTAL TIME  
HOURS 10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

LICENSE NUMBER

19 74

12/20/74

Completed 100 Hour Inspection this date.  
New spark plugs installed in  
both MA & nos. All screens cleaned, oil changed.

A.D. 70-14-07

W/A. Tach. Time + Total time 1647:44 Hours.  
Vincenzo J. Dimarco A.P. 1465581

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

TOTAL TIME 1647:44 HRS.

TACH TIME 1647:44 HRS.

Vincenzo J. Dimarco 12/20/74

VINCENZO J. DIMARCO  
IA1965581

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

### ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				25 APR 1975		
				INSTALLED OVERHAULED PUMP ASSY.		
				MODEL E2434C73X7W. BY SENSUWICH		
				COND. ALL AD'S CLW TO DATE SEE TAG.		
				R. MacLennan ASD 864908		
				21 APR 75 THER 1722		
				REPLACED IGNITION HARNESS WITH NEW		
				SUCK HARNESS ASSY.		
				R. MacLennan ASD 864908		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19 26  
2-6

DATE

ENGINE LOG

REPAIRS --- ADJUSTMENTS

DATE	DURATION	ACCUMULATED TOTAL TIME	
		HOURS	10THS
19 76 2-6		1763	1

CHANGED OIL & CLEANED SCREEN.  
 REPLACED DIST. BLOCK IN LT MAG. CHECKED  
 BRISTS IN BOTH MAGS. CHECKED IMPULSE  
 COUPLINGS AS PER AID 74-18-5.  
 RETIMED BOTH MAGS. REPLACED OIL  
 COOLER WITH REMANUFACTURED COOLER.  
 INSPECTED CABIN HEATER HUFF FOR  
 CRACKS. CLEANED & GAPPED ALL SPARK  
 PLUGS. COMPRESSION CR -  
 #1 98/ 2 89/ 3 98/ 4 95/ 5 95/ 6 85/ 7  
 /100 /100 /100 /100 /100 /100 /100  
 QOP AID'S CHECKED UP TO 76-1  
 END.  
 James Steynor APPR 53204

I CERTIFY THAT THIS Engine HAS  
 BEEN INSPECTED IN ACCORDANCE WITH A  
Annual INSPECTION AND WAS DETER-  
 MINED TO BE IN AIRWORTHY CONDITION.  
 TIME IN SERVICE S.M.O.H. 705. HOURS  
 DATE Feb 6, 1976.

TACK TIME 1763.1  
 S.M.O.H. 705  
 J. Steynor  
 IDA 184806  
 License Number

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
2-19		18.59	8	Changed oil & cleaned screens. Checked points & mag timing. Cleaned & gapped all spark plugs. Worked engine. James Stenger JPS 2153209	JES	
				Comp. Ch. #195 2 91 3 98 4 92 5 94 6 92 100 100 100 100 100		
				1-1/2 qt oil (Carraro) 2 (GA 990)		
				108325691A repair work		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



CENSE  
NUMBER

DATE

DURATION

19

ACCUMULATED  
TOTAL TIME  
HOURS IOTHS

ENGINE LOG

REPAIRS --- ADJUSTMENTS

I CERTIFY THAT THIS *Engine* HAS

BEEN INSPECTED IN ACCORDANCE WITH A

*ANNUAL* INSPECTION AND WAS DETER-

MINED TO BE IN AIRWORTHY CONDITION.

TIME IN SERVICE *1860.* *Smith 802*

DATE *Feb 19 1977* *FAA 7848066*

*Bob Allen / Henry*

SIGNATURE

LICENSE  
NUMBER

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE <u>1946-72</u> <u>888.72</u> HOURS DATE <u>March 23 1978</u> <u>J.H.H. 1849066</u> <u>Sherman McKinley</u>		
				<u>Original oil. Cleaned out screen</u> <u>Replaced 11 ga 40 wt Ad</u> <u>cleaned a Bamp hose spark Plug</u>		
				<u>Exp. ca. \$1.75 \$2.80 \$3.80 \$4.80</u> <u>\$4.75 + \$5.70 \$6.75</u> <u>\$80</u>		
				<u>J. Schubert</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

171273

LICENSE NUMBER

# ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>LOAN</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
				TIME IN SERVICE <u>2017.39</u> <u>959.38</u> SMOH HOURS		
				DATE <u>March 16 1979</u> <u>P1848066</u>		
				<u>Stephen Wisely</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19	Installed 2 Reliant Slick 662 Allegiant Time engine tach 2089.0 July 28, 1980 P 1848066					
		Stephen Minsky				
				<p>I CERTIFY THAT THIS <u>Engin's</u> HAS                      BEEN INSPECTED IN ACCORDANCE WITH A  <u>100-HR.</u> INSPECTION AND WAS DETER-                      MINED TO BE IN AIRWORTHY CONDITION.                      TIME IN SERVICE <u>2071.0</u> <u>1013.5</u> <u>5</u>                      HOURS                      DATE <u>July 1, 1980</u> <u>P 1848066</u></p>		
				<p>Remaine No #2 + 6 Cyl the false valve &amp; seals                      New Parts installed. ball new seals &amp; gaskets                      4 in valve stems 12 ex studs &amp; nuts, 6 valve shaft                      prep grommets 2 magnets 4 x 1/2 sheet 200000                      all nut &amp; Ball in ex cylinder 3 expansion springs                      started ready repaired with replace GAX.</p>	Stephen Minsky	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE

~~PROPERTY~~ INSPECTION & REPAIRS

INSPECTION			REPAIRS	
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
		TIME IN SERVICE 2114 HOURS		
		DATE 11/1/1981 P1848066		
		Sydney J. Kelly		
				REPAIRS MADE
				change oil 50w check screen clean + gap spark plugs check timing. Replace air filter brackets Right side. tighten clamp on oil separator hoses
				ATD 81-16-05 Bhatt
				ATA by Madel 8/25/81
				Tach 2/27 P1848066 J.G. Kelly

~~PROPER~~ INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE <u>2138.0</u> <u>SMOH 1070</u> HOURS DATE <u>Jan 1 1982</u> <u>Stephen J. Murray</u>			I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE <u>2146</u> <u>SMOH 1078</u> HOURS DATE <u>July 10 1983</u> <u>P1848066</u> <u>Stephen J. Murray</u>
					<u>1-24-84 changed oil &amp; cleaned</u> <u>sewer on 11 gals. shell 15W-50 oil.</u> <u>Removed Battery service re-charge</u> <u>Hrs. 2194.23</u> <u>Alvin N. Moore</u> <u>ADP 506693</u>

DATE

# ~~PROPERTY~~ INSPECTION & REPAIRS

ENGINE OIL  
 WAS DETER.  
 WITH A  
 HAS  
 HOURS  
 1078  
 8066  
 WAS  
 cleaned  
 15W-50 oil.  
 we re-charge  
 oil

INSPECTION		REPAIRS	
DATE INSPECTED BY	CONDITION	DATE	REPAIRED BY
	ENGINE INSPECTED 1/4/84	100 HR	INSPECTIONS AS PER CESSVA MAINTENANCE
	MANUAL P/N D470-93-RP2-300-11/80,	SECTION 2 (INSPECTION)	A COPY OF ALL
	NON-ROUTINE WORK ITEMS PUT IN AIRCRAFT FILE	A.D. NOTE 77-13-22	
	Q/W AS PER PAR.(A) PLUGS CLEANED + GAPPED, OIL CHANGED, ADDED 10 QTS MEROSHELL		
	50 GRADE 100 ASH DISPERSAUT OIL, W/O METAL FOUND INSPECTION, TIMING OK.		
	REPAIRED BAF FELTS + SEALS. COMPRESSOR OK		
		DATE 10-16-84	T.I. IN SERVICE 2209.3 HR.
		COMPRESSION CHECK:	
		CYL. 1 175/80	CYL. 2 75/80
		CYL. 3 75/80	CYL. 5 76/80
		CYL. 2 78/80	CYL. 4 75/80
		CYL. 6 70/80	
		DATE 10-1-84	FACH. 2209.3 HR.
		I CERTIFY THAT THIS <u>CESSVA</u> HAS BEEN INSPECTED	
		IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND	
		WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
		B. N. Stewart Jr. 1374199(1A)	

# PROPELLER INSPECTION & REPAIRS

INSPECTION		REPAIRS			
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
TACH.	1859.8 HR		4-22-75	SEN/SENVICH CORP. LANCASTER, PA.	O/H/D. PROP. M <sup>c</sup> CAULEY S/A 80-80-100 C/W. AD. 72-25-7 C/W, BLADES SHORTENED.



MEMORANDA

AD's DATE | Method of Compliance

| Zone of Certification No.

Date			
69-8-11	Modify fuel boost pump Electrical Circuit	Previously C/W	
<del>71-9-7</del>	N/A by Model 8/N A0 76-23 Rev	8/14/74 A1848066	
71-24-4	C/W Insp of Eng Flex Hoses (Every 100 hrs)	P2	
71-24-7	N/A by Model		
72-3-3	Flap Screws Tack Insp (every 100) Installed Snubber	P2	
72-7-9	Rudder Fin Attack Bolts for looseness	C/W Parts A+B P2	
72-25-7	McCawley Prop Blades shot panned	C/W Sensenich Overhauled Prop	
76-26-2	Woodward Gov	C/W by Insp	
71-24-4	C/W Insp Engine Fuel Flex Hoses	J. Dorell FA10489	3-1-74
68-8-1	4-22-75	C/W MODIFY PROPELLER CYLINDER ATTACHMENT.	Sensenich Corp. Cert No 3538
68-10-3	2-6-76	N/A TO MODEL PROP.	James Stenger APP 2153204
70-14-7	2-6-76	N/A TO FUEL INJECTION PUMP.	James Stenger APP 2153204
70-26-2	2-6-76	C/W INSPECT PROP GOWN. CONTROL LEVER.	James Stenger APP 2153204
72-25-7	4-22-75	C/W SHOT PEARL PROP BLADES.	Sensenich Corp. Cert No 3538
72-24-3	2-6-76	N/A TO MODEL ENGINE.	James Stenger APP 2153204
74-18-5	2-6-76	C/W INSPECT SLICK INTAKE COUPLINGS.	James Stenger APP 2153204

Propeller

OVH 2.1-73

1506.12

DATE

TT

767  
426

OVH 4-25-75

1859.00

(10/26/50)

Engine

OVH 9-20-68

1058.00

(10/26/50)

1568

0

ENGINE LOG #2  
N2318F  
ENG

The Standard

 ENGINE LOG

ASA-SE-1

ENGINE RECORD - GENERAL INFORMATION

MANUFACTURER

CONTINENTAL

MODEL

10520A

SERIAL

110618-4-A

TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT

N2318F

MINIMUM OCTANE FUEL

OIL GRADE SUMMER

WINTER

MAGNETO TIME

POINT SETTING

FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT

HOURS.

PADDELER

McCORMICK E2A34C-64

The Standard



ENGINE LOG

①

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 Nov 85	2304.0		2304.0	PERFORM 100 HOUR INSPECTION. 11/19/85 Cassia Service MANUAL P/D 470-13-RA-300-11/80 Sec. 2, A.D. 77-13-22 O/W 1/4 W PAR (2) (NO CRACKS FOUND) PLUGS CLEANED + GRIND OIL DRAINED + SCREENS CHK. (NO METAL FOUND) 10 QTS, REPOSITIONED SP/GRAND 100 WHITE CHARBIL. OIL RUN-UP, NO LEAKS NOTED. REPAIRED BATTERIES + SEALS AS REQD. DATE 11-19-85 T.I. IN SERVICE 2304.0 R+R MAGNETOS SER-COMPRESSION CHECK CYL 1 77/80 CYL 3 68/80 CYL 5 73/80 VICED AS PER MASTER CYL 2 75/80 CYL 4 77/80 CYL 6 75/80 MANUAL SEC. L1020, REPLACED GRUNTS + ROTOR BRNG. PLATE WITH KIT M 1311 PER SH 2-83, REPLACE POINTS. P/D M0998 POINT KIT CONST. P. 2

CONST. FROM P. 1.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 85				RE-INSTALLED MAGNETOS + TIMED TO 22° BTDC AS PER SPEC. REPLACE #2 OIL. P/B GASKET. A.D. 74-18-5 SUICK W/ RUSSE COURINE O/W 1/4 W S.B. 1-73. NEXT DUE AT TACH. 2304.0 HR. A.D. 5 CRK THRU. 85-21. END.
CONST.				DATE 11-19-85 TACH 2304.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. R. F. Buckley

②

DATE \_\_\_\_\_ 19\_\_

RECORDING TACH TIME \_\_\_\_\_

TODAYS FLIGHT \_\_\_\_\_

TOTAL TIME IN SERVICE \_\_\_\_\_

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

DATE DEC 08 1986 WORK ORDER NO. 455-5726 25180

Compressor / 722 22522

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED CHARGE OIL & CLEAN

IN ACCORDANCE WITH A 100HP INSPECTION AND OIL SERVICE, CLEAN

WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SPARK PLUGS.

TACH READING 27590 TOTAL TIME 12915 SMOH

SIGNED [Signature] Raymond

ONS  
MBER OF  
ENTRIES.)

522

522

522

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				APRIL 18 1988 Taxi 2510.65 To the 2510.65
				Time smon 1452.65.
				ENGINE INSPECTED, CHANGED OIL, SCREEN
				CHECKED, PUS CHECKED + CLEANED, FUEL
				FLOW DIVIDER OVERHAULED. ALL FUEL
				SCREENS INSPECTED, MUFFERS INSPECTED,
				ENGINE WASHED DOWN AND CHECKED
				FOR LEAKS I CERTIFY THAT THIS
				ENGINE HAS BEEN INSPECTED IN ACCOR-
				DANCE WITH A 100HR INSPECTION AND
				FOUND TO BE AIRBORNE
				Timothy Road Dunwoody
				ATD 255196837

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				4/22/54 705 25-10.65
				4 Quilts short throis empty and
				propeller wash beam inspection
				bon Amundson inspection and
				boom found OK with
				shock absorber OK
				part 19412 157K



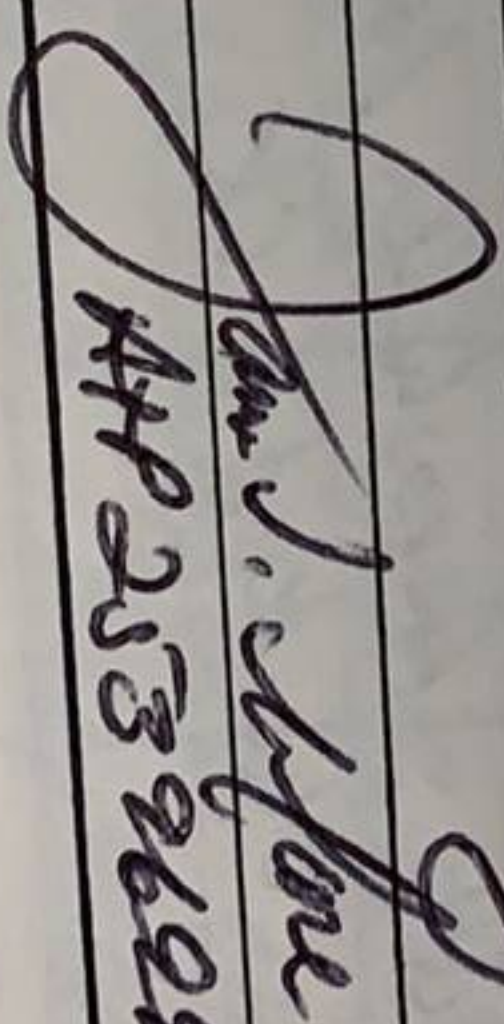
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1989				
8-30-89		Tack Time		2626.78 Total Time 2626.78 Time Smod 1568.78
	Engine	inspected		for 100 hr. Replaced #3 + #5 Cylinders
	due to	low	Com	compressional. Cylinders installed were
	chrome	assemblies		using all new valves, guides, seats,
	pistol, rings,	and	sockets,	inspect mufflers, oil
	suction,	speed	and	all fuel and oil lines.
	inspect	propellers,	wash	engine and ground run
	checked	OK.	I	checked this engine was inspected
	for	150 hr	and	found Assembly James H. Moore A++ 258962869

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				8/31/85 Tulsa 2626, 78
				1 C.T.I. about this: Engine and propeller has been inspected for annual inspection and has been found satisfactory.
				John H. Jaiten, Capt 18750 2194062 JK
				10/2/90 Tulsa 2626, 78
				Engine and propeller inspected for annual inspection left satisfactory, wheel inspection satisfactory and about.
				John H. Jaiten, Capt 18750 2194062 JK



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				4/10/93 Tach + Tach 2826:13
				Engine's fuel manifold removed new spark plug head, outfeed case, cam, rods, pins, and air cylinder assembly. Engine reinstalled and run and checked. Engine and propeller inspected for normal. Engine and propeller is serviceable. John D. Bellus DND 2194062A
				4/4/93 TACH 2832.8
				oil change 120TS REARWALL SW REVERSE OWNER

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 <u>94</u>				
5-2	Engine	Engine	Tach + Total Time	2919.58
	Engine	inspected	for	180hr. change oil and
	check	screed.	Inspected	12 hrs. Aersheel 180w.
	All	Cylinders	checked	74/80 or better. Inspect
	Induction	Air	element	TS. Word Repair left muffler.
	Inspect	All	Fuel	and Oil lines.
	Wash	Engine	and	ground run checked OK.
	I	Certified	by	this engine and propeller was
	inspected	for	180hr	and is Airworthy

  
 Paul J. Wilson  
 APP 253262969

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-2 1944	1:17	2919.55		<p>I CERTIFY THIS AIRFRAME/ENGINE HAS BEEN INSPECTED LAW A 100HR/ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.</p> <p><i>William E. Latimer, Jr.</i>  <small>WILLIAM E. LATIMER, JR.</small>  <small>APP 251704833 DA</small></p>
4-1-95		Tach Time	3115.8	<p>Change Oil and Check Sorensen. Inspect Afts Aeroshell level. Wash Engine and Ground Run checked ok.</p>

*John V. Clave*  
 APP 253969969

DATE 1995	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-16	Track	+ Total	Time 3158.52	Engine inspected for 100% Change oil & check Screws, Fastener 12 R/R Aero screw loose. # 3, # 4 + # 6 Cylinders removed due to low compression. New Exhaust Valves & Seals installed in these Cylinders to correct problem. See repair invoice attached. RT Muffler and tail pipe installed new. Exhaust parts are FAA/Prop Approved New Parts. Install overhauled / certified Gowind G455 Vacuum pump spl 12316. Clean and sump Spark plugs. Wash engine and ground run checked OK. Inspect repellent. — Next page

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OR MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
1 1985				
5-6-14	Tach	Total Time	3158.52	This Engine And Propeller was inspected for
6-16			3158.52	I CERTIFY THIS AIRFRAME/ENGINE HAS BEEN INSPECTED IN A <del>10000</del> ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. <div style="text-align: right;"> <i>William E. Latimer, JR</i>            WILLIAM E. LATIMER, JR            AIP 25172003 IA         </div>
4				

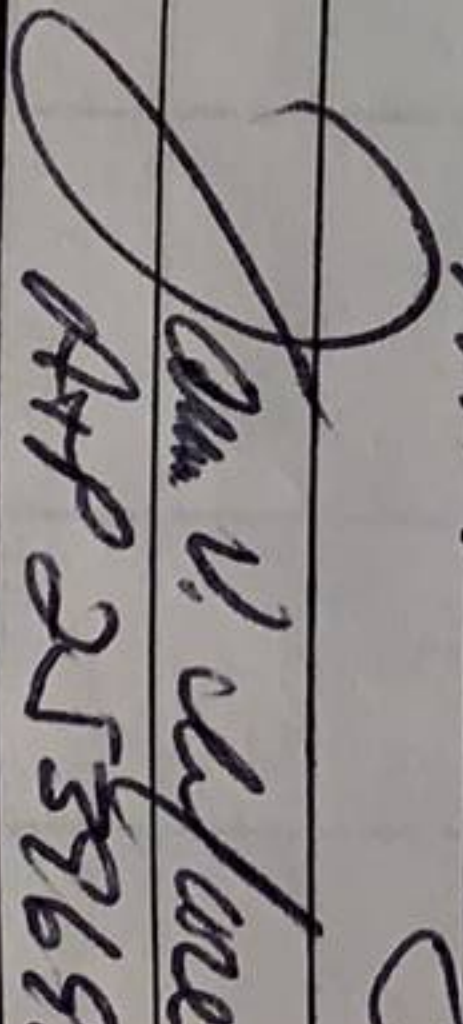
*Jan V. Spore*  
 AIP 553969919



DATE 1995	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-27	Track Time	No. 1 No. 2	No. 1 No. 2	3179.10 Cylinders removed Compressions. Cylinders repaired by A.E.M. Specialists and Valves lapped on due to low Specials and Sensors Engine with New Gaskets and Senses Engine Ground Run checked OK.
11-17				3240 James V. Clark App 255969269 Change oil Denoxell tick screens

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				2/18/54 TR 3288; 15 W. O. Jones, O. Brown, Chas. R. R. T. H. & J. A. W. R. M. S. & J. W. R. A.
3-23-76	3292.9	Installed	Oil cooler,	P/N 626189 S/N 766-1140 overhauled by Ground operational check satisfactory.
FAA Repair Station	OC88986J	on W.O.	1957.	Ground operational check satisfactory.
by <i>Myself</i>	A&P	35852228	IA	

DATE 1920	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
20	4-3	Tach +	Total Time	3314.54
				Engine inspected for 100 hrs. Change oil and check
				Screw structure 12 lbs Aerashock 100 hrs. Compression
				Checked 7/80 or better on all cylinders. Inspect
				Exhaust system inspect all fuel and oil lines.
				Inspect Propeller. Airplane and ground
				Run checked OK.
				I certify
				inspected for
				this engine and propeller was
				100 hrs and is Airworthy

  
 James V. Moore  
 AWP 253969969

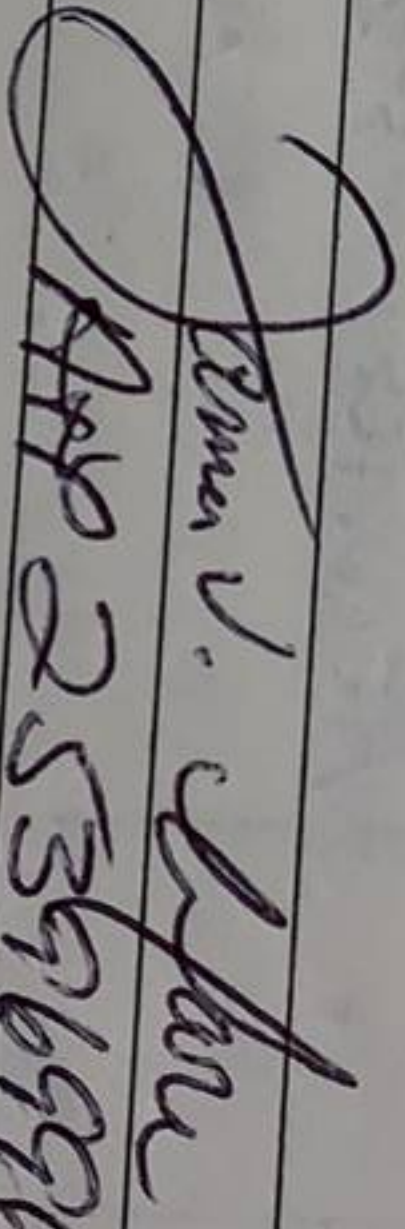


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-11-97	3331:14		3331:19	ENGINE DISASSEMBLED, CLEANED AND INSPECTED. ALL STEEL PARTS WERE MAINTENANCE PORTABLE INSPECTED. C/W 87-23-08 AND 5081-5 CRANKSHAFT INSPECTION. PLANGE RUNOUT WITHIN LIMITS. ON "WAS" CRANKSHAFT IN REPAIR INSTALLED. ALL ALUMINUM PARTS WERE ZYELO PENETRANT INSPECTED. ENGINE ASSEMBLED WITH NEW MAIN & ROD BEARINGS, CONN. ROD BOLTS AND NUTS, COTTER PINS, CAM & CRANK GEAR BOLTS, CLUT. PLATES & RINGS, PINS, BEVEL GEAR & KEY, MASTERED NUTS, (5) THRU-STUDS, (6) PUSH RODS (1) PUSH ROD TUBE HOUSING, INJECTION HOSE HEAT SHIELD, CRANKSHAFT SEAL, (12) SPARK PLUGS, INJECTION HOSE HEAT SHIELD, REPLACED DUE TO MISSING & BROKEN HEAT SHIELDS. RECORDED BOTH LEFT & RIGHT REAR BATTERIES. DUE TO BEING WORN — CONTINUE NEXT PAGE —

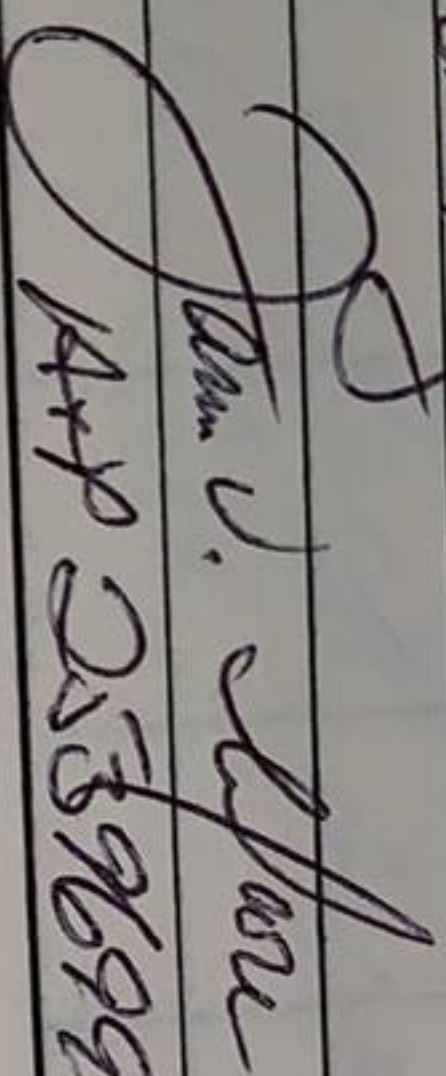
Receipt Forward

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				AND BROKEN, REMOVED & REPAIRED BY ADDED BATTERIAL WITH NEW TYPE ADL SILICONE SEAL. REPAIRED MISSING BATTERY SEALS (SEA) C/W THE FOUWAKE BATTERIES. M92-15 TUBE LIMITS DURING ASSEMBLY, M91-9 CAM & LIFTER LUBRICATION DURING ENGINE BUILD UP, M93-4 CLUTS DURING ASSEMBLY, ENGINE WAS LUBED DURING ASSEMBLY - HOWEVER ENGINE REQUIRES PRE-OILED PISTON TO INITIAL ENGINE START-UP  Frank M. Cheomin 17654925A

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-1	3331.74			
				Engine reinstalled in Aircraft after Propeller
				Strike inspection. Inspect All Fuel And Oil
				Lines. Inspect Exhaust System. Service Engine
				with Aeroshell 100. Engine Sound Run OK.
				Test Flight OK. Return to Service.

  
 James V. Lohan  
 APP 253669969

DATE 19 97	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-3	3350.18		3350.18	
		Engine		inspected for both Trustee Continental
		FACTORS		overhauled Fuel Injection System
		Plm 6490.52A 8-1		Inspect Exhaust System.
		Trustee		Trustee Air Filter Assemblies.
		Inspect		Fuel and Air Lines. Wash
		Engine		and Run checked OK.
				and sound checked OK.
				This engine was inspected
				for both and is Airworthy

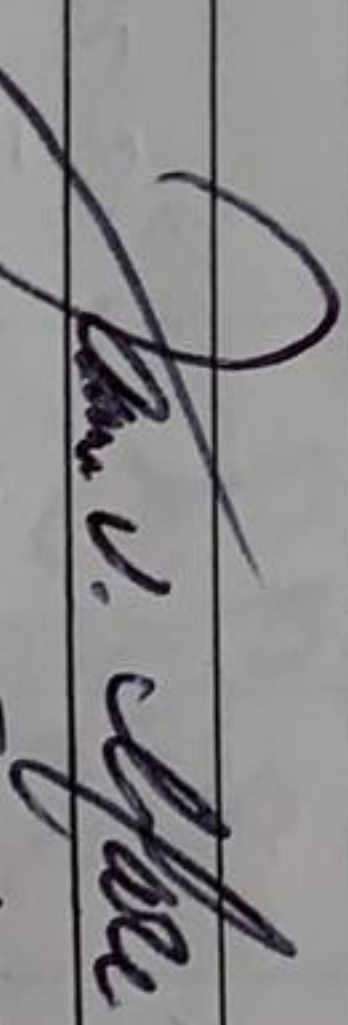
  
 James V. Lippin  
 AWP 253969969





DATE 19 <sup>98</sup>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-8	3400.82			Change Oil and Check screen. Install 12 Oils Aerosol Repair Minor oil Leak. Wash Engine and ground run Checked ok.
1999				John V. White
1-28	3440.			AF 25390019 Change oil + check screen 11 qts Aerosol 100W

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-1 19 99	3447.64		3447.64	Smooth 6220.91
				Engine inspected for both. Change Oil & Check
				Screws? Inspect
				Spark Plugs. Compression checked 73/80 or better on
				Air Cylinders. Inspect Exhaust System. Inspect
				Fuel hoses. Both Engine and Ground Run Checked OK.
				I Car & this Engine runs inspected for
				both and is satisfactory

  
 Paul V. Stone  
 APO 253969269





DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-18 1999	3425.00			
		1159pm		Overhauled Starter S/N <del>9061300</del> 8900813
		7AM	Forum	Paul V. Moore A48 253968269
10 Dec 99			3501.0	ENGINE REMOVED FOR OVERHAUL Paul V. Moore A48 253969269

PIEDMONT

AVIATION SERVICES, INC.

DATE: 25-Jan-00 MODEL: CONT. 10-520A S/N: 110618-4A  
 WO# E1003

DATE	RECORDING TACH TIME	TODAYS FLIGHT
2000		
26 JAN.		
1-30-2000	35 01.0	

ENGINE OVERHAULED WITH NEW CONTINENTAL CYLINDER KITS PN 654961A9 BP. FUEL SYSTEM CONTINUED IN SERVICE WITH APPROX. 150 HRS. SINCE CONTINENTAL OVERHAUL (SEE 3 OCT 97 ENTRY). ENGINE TEST RAN. REF. WO E1003. PARTS LISTING ENCLOSED **TIME SINCE OVERHAUL 0.0 HRS.**

S.B. 97-6 100% REPLACEMENT PARTS - C.W.  
 M.S.B. 96-10 CRANKSHAFT ULTRASONIC INSPECTION - C.W.  
 S.B. 96-3B CRANKSHAFT GEAR BOLTS - C.W.  
 S.B. 94-8 MAGNETO TO ENGINE TIMING - C.W.  
 SIL 93-15 GENERAL PRACTICES - C.W.  
 M92-9 THRU BOLT NUTS - C.W.  
 M91-9 PRE LUBE OF CAM & LIFTER - C.W.  
 M89-24 CRANKSHAFT, ROLD & COUNTERWEIGHT INFO - C.W.  
 SIL 98-7 NEW ROD BOLTS - C.W.  
 A.D. 86-13-04 R3 NA BY S/N  
 A.D. 93-16-15- NA BY MODEL  
 A.D. 98-01-08 NA ROLLER ROCKERS NOT INSTALLED

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.  
 APPROVED BY: *[Signature]* INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-1 2000	3528.0		3528.0	Smooth 27.0
		Engine		inspected for 100th. Compressor checked
#1	7/2/80	7/2/80	7/3/80	7/4/80 7/5/80 7/6/80 7/7/80. Inspect.
	Exhaust	Systems		Inspect all fuel and air hoses.
	Change	oil	Instru	11 alt Aeroshell used. used
	Engine	and	Ground	Run checked OK.
		I		Certif this Engine was inspected
	for	100th		and is Airworth
				J. J. V. J. J.
				AUG 20 3 26 PM '89







DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
1-15	Rm	Check Screws. Piston 10	3:07.88	Change Oil and Check Screws. Piston 10 Asthore 100w. Wash Engine and Ground Run Check OK.

*Paul Han*  
 Also 253269969



ENGINE LOG  
SER. # 110618-4-A W.O. 034  
TSN: 3746.16 TSO: 0245.16  
HOBBS: N/A

DRAINED OIL AND REMOVED FILTER. INSPECTED FILTER NO DEFECTS. SERVICED WITH 12 QTS. AEROSHELL 100W  
PERFORMED GROUND RUN AND LEAK CHECK, NO DEFECTS

DATE: 12-1-2011 REGR: N 2318F ENG SERIAL: 110618-4-A  
TACK TIME: 3746.3 SMOH: 245.3 TYPE: IO-520 A  
100 HOUR / ANNUAL INSPECTION

100 HOUR INSPECTION COMPLETED I/A/W INSPECTION GUIDE THAT MEETS THE REQUIREMENTS OF THE FAR. 43 & 91.409. TOP AND BOTTOM COIL WING REMOVED FOR INSPECTION.  
SPARK PLUGS REMOVE CLEAN AND TEXTED AND ROTATE BEFOR BEING REINSTALL.  
COMPRESSION CHECK PERFORMED: #1 70/80, #2 64/80, #3 40/80, #4 68/80, #5 30/80, #6 66/80  
REMOVE # 3 & #5 CYL. CYL SHIPPED TO GANN AVIATION. CYL BROKEN DOWN CLEAN AND INSPECTED. CYL REPAIR BY INSTALL NEW RINGS, VALVE GUIDES EXHAUST GUIDES AND BOTH VALVES. BOTH SEAT REGRIND. NEW EXSHAUST STUDS INSTALL. CYL PAINT AND REINSTALL WITH ALL NEW EXHAUST GASKETS, HOSES AND NUTS. CYL TORQUED TO CONT. SERVICE MANUAL. ENGINE OIL DRAINED, OIL SCREEN REMOVED CLEAN AND CHECK FOR METAL NON FOUND. ENGINE FILLED WITH PHILLIPS 20W/50  
EXHAUST SYSTEM CHECK FOR LEAKS. FUEL HOSES AND OIL LINES CHECK FOR LEAKS.  
NEW BRACKET AIR FILTER ELEMENT INSTALL. MAG'S TIMING CHECK TO ENGINE.  
ENGINE MOUNT CHECK FOR WEAR AND CRACKS. ALT. BELT CHECK FOR WEAR AND WIRING CHECK. VAC PUMP HOSES CHECK AND PUMP CHECK FOR WEAR. NEW AIR BOX BUSHING AND SPRING INSTALLED.

58969139 A/P / JN



AirStar Flight Support, Inc.  
 23 Airport Road  
 Swainsboro, Georgia 30401  
 478-237-5882

**ACFT:** N2318F  
**MFG:** Teledyne Continental Motors  
**M/N:** IO-520-A  
**S/N:** 110618-4-A

**DATE:** 02/13/2013    **HOBS:** 3758.0  
**AFTT:** 3758.0    **TSN:** 3758.0  
**AFTC:** N/A    **CSN:** N/A  
**POS:** Position 1

*Eng. TSOH: 257.04*

- 2.1 - Complied with annual inspection in accordance with 14 CFR 43 Appendix D.
- 2.2 - Removed CHT probe from #1 cylinder. Found probe defective. Installed new CHT probe P/N 3080-30 in #2 cylinder in accordance with Type Certificate Data sheet specifications.
- 2.3 - Torqued rocker box hold down screws.
- 2.4 - Removed and replace Center aft and RH Forward engine baffle seals.
- 2.5 - Drained oil. Removed oil screen, inspected screen and cleaned. Reinstalled screen with new gasket P/N AN900-28. Serviced engine with 12 quarts Aeroshell 15W50 oil. Leak check good.
- 2.6 - Installed new (2ea.) P/N URHB32E Spark plugs.
- 2.7 - Complied with AD77-13-22 Amendment 39-2947 dated April 17, 1978 by inspection in accordance with AD instructions and found satisfactory. Next due AFTT 3858.04.
- 2.8 - Checked and adjusted magneto timing to 22 degrees BTDC. Removed, cleaned, and regapped spark plugs. Inspected spark plugs and reinstalled using new washer (12ea.) P/N M-674.
- 2.9 - Removed fuel injectors. Cleaned, inspected and reinstalled fuel injectors.
- 2.11 - Removed and replaced cracked throttle support bracket at rear of engine with servicable bracket P/N 643085.
- 2.12 - Performed cylinder differential compression test with results as follows: #1 70/80, #2 76/80, #3 72/80, #4 76/80, #5 72/80, #6 72/80.

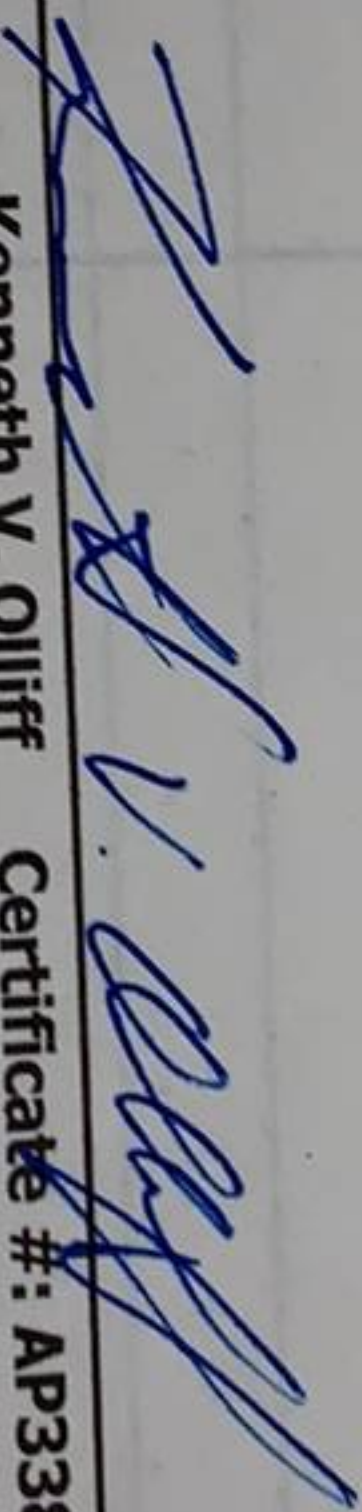


AirStar Flight Support, Inc.  
 23 Airport Road  
 Swainsboro, Georgia 30401  
 478-237-5882

**ACFT:** N2318F  
**MFG:** Teledyne Continental Motors  
**M/N:** IO-520-A  
**S/N:** 110618-4-A

**DATE:** 02/13/2013 **HOBS:** 3758.0  
**AFTT:** 3758.0 **TSN:** 3758.0  
**AFTC:** N/A **CSN:** N/A  
**ENG.** **TSOH:** 257.04 **POS:** Position 1

The engine 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 facility under Work Order No. 02-2312

  
 Kenneth V. Olliff Certificate #: AP33854631A



AirStar Flight Support, Inc.  
 23 Airport Road  
 Swainsboro, Georgia 30401  
 478-237-5882

ACFT: N2318F  
 MFG: Teledyne Continental Motors  
 M/N: IO-520-A  
 S/N: N/A

DATE: ~~N/A~~  
 AFTT: 3766.4  
 AFTC: N/A

HOBBS: 3766.4  
 TSN: N/A  
 CSN: N/A  
 POS: N/A

*3/18/13* *K50*

2.1 - Removed and replaced valve cover gaskets on #1, #3, and #5 Cylinder. Gasket P/N 653191 (3ea.). Torqued rocker cover hardware to standard torque specified in TCM IO-520 Overhaul Manual.

2.2 - Removed RH exhaust collector. Installed customer supplied new RH exhaust collector P/N K1250264-2 S/N 223699 from **Krisley Welding, Inc.** Installed using new hardware at bottom expansion joint P/N AN3-15 Bolt (3ea.), AN960-10 Washer (9ea.), AN310-3 Nut (3 ea.), and MS24665-134 cotter pin (3 ea.). Installed with no-blow gaskets.

The engine 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 facility under Work Order No. 02-2332

*[Handwritten signature]*

*AIP 3385463 14*

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TO TIM SER
19__			

APR 27 2013

N2318F, C210E Sn# 21058518, Tach reads; 3777.2... Acft TT: 3777.2 hrs

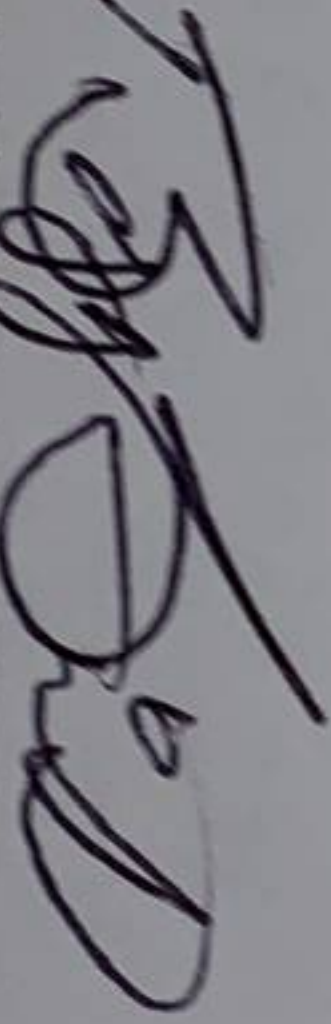
27 April 2013..Replaced all engine rocker box cover gaskets with new pn# 65528 gaskets.

Installed hobbs oil press switch #10-00813 in engine compartment L/H aft. replaced oil cooler gaskets between oil cooler and adapter, and adapter and engine with new parts, replaced oil cooler temp bulb crush seal with new part (to correct oil leak in R/H fwd engine location)

Installed new #1213505-200 cylinder head temp gage, poentometer, and transmitter bulb (all a matched set/ kit) (bulb in #2 cyl)(old system read +25 degree error)

Installed new L/H brake caliper #061-01800, with new piston orings, bled system and taxi tested ok.

SWINK AIRCRAFT SERVICES  
1071 SPRING CREEK DR.  
BISHOP, GA 30621

  
Bobby J Swink 1975936 A&P

ref WR#32413 & 42213



DATE	RECORDING TACH TIME	TOD FLIC	TOTAL	RECORDING OF INTERESTING	SPRS	REPAIRS	AND	...
19__								

APR 27 2013

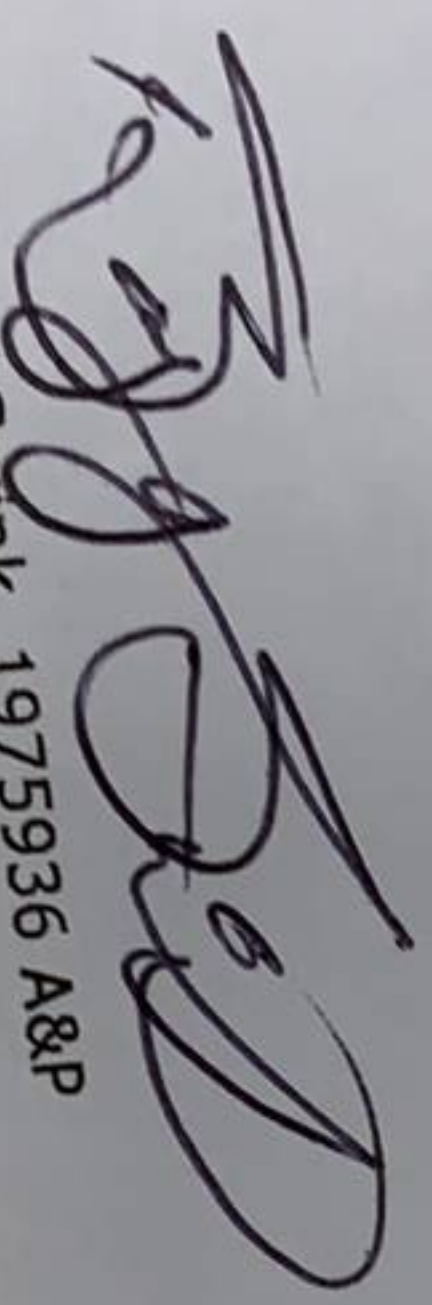
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Installed new L/H brake caliper #061-01800, with new piston orings, bled system and taxi tested ok.



Bobby J Swink 1975936 A&P

**SWINK AIRCRAFT SERVICES**  
**1071 SPRING CREEK DR.**  
**BISHOP, GA 30621**

ref WR#32413 & 42213

ER OF (TRIES.)

DATE

19\_\_

18 July 2013

3

N2318F, C210E sn#21058518, Tach reads:3842.77 acft TT: 3842.77 hrs

Replaced landing gear door op switch on L/G selector switch (doors do not close and retract cycle incomplete) jacked acft and cycled (tested) gear ops following switch replacement.

replaced tube in L/main tire with new part (slow leak)  
disassembled and re-sealed nose strut (all new rubber goods)serviced.  
disassembled and re-sealed shimmy dampner (serviced w/5606 fluid).

switches on throttle box for gear horn and fuel pump found inoperative and operating lever is missing (fuel pump operates thru switch ok/ "hi & lo") parts ordered for repair and repair deferred to next maintenance.



Bobby Swink 1975936 A&P

**SWINK AIRCRAFT SERVICES**

1071 SPRING CREEK DR.  
BISHOP, GA 30621

RE: WR# 71413

AND ALTERATIONS  
CERTIFICATE NUMBER  
OTHER SPECIFIC ENTRIES



N2318F

ENG #3

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**



N2318F

# ENGINE Component Index & Removal Schedule

NAME	PART NO.	SERIAL NO.	INSTALLED PART			DATE
			ACFT TT:	TT:	TSO:	
ENGINE	TD-500-A	110618-4-A	3501.	3501.	⊖	1-00
STARTER	MCL6501	8100813	3495.	UNK	⊖	9-99 out
Magneto L/H	6310	99101664	3501.	New	N/P	1-00
Magneto R/H	6310	99101503	3501.	New	N/P	1-00
Fuel Injector	631415-	HD79713AR	3350.	UNK	⊖	10-97
Fuel Pump (EOG)	646212-	HD79717BR	3350.	UNK	⊖	10-97
Morfield Valve	631351-	HD79717CR	3350.	UNK	⊖	10-97
Oil Cooler (Harrison)	629189	75G-1140	3196.	UNK	⊖	3-96
STARTER (Hartz)	MCL-6501R	HD081231	3941.	UNK	⊖	10-14
Cylinder #1 TCM	654961A9	UNK	3528.	New	N/P	1-00 out
Cylinder #2 TCM	654961A9	UNK	3528.	New	N/P	1-00
Cylinder #3 TCM	654961A9	UNK	3528.	New	N/P	1-00 out
Cylinder #4 TCM	654961A9	UNK	3528.	New	N/P	1-00
Cylinder #5 TCM	654961A9	UNK	3528.	New	N/P	1-00 out
Cylinder #6 TCM	654961A9	UNK	3528.	New	N/P	1-00 out
Cylinder #3 TCM	654961A9	UNK	3746.	J18.	N/P	2-11 out
Cylinder #5 TCM	654961A9	UNK	3746.	J18.	N/P	2-11
Cylinder #1 TCM	654961A9	UNK	3917.	416.	⊖	7-14
Cylinder #6 TCM	654961A9	UNK	3917.	416.	⊖	7-14
Cylinder #3 TCM	654961A9	UNK	3990.	489.	⊖	8-15

Draw single line through entry when part(s) removed



# ENGINE MAINTENANCE RECORDS

Log No. E3-1

Aircraft Registration No. N2318F

Engine Manufacturer TCM

Model 10-520-A

Serial No. 110618-4-A

Date installed on aircraft 1-00

Time Between Overhauls (TBO) 1700 Hours

If used on multi-engine aircraft:

- Right       Left  
 Front       Rear

(All applicable information must be filled in)



## AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359

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ENG #SN = N2318F TT (TACH TIME)  
 ENG TSO = TACH MINUS 3501.

Page No. E3-2 ENG ENG N2318F

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH <del>BY</del> <del>RECORDING</del> <del>INSTRUMENT</del> TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3917.5	416.5	3917.5	TOTALS brought forward from previous page

L 08 2014

**SWAK AIRCRAFT SERVICES**  
 1071 SPRING CREEK DR.  
 BISHOP, GA 30621

8 JULY 2014  
 ENGINE LOG...N2318F...TACH; 3917.53...ACFT TTSN; 3917.53 HRS  
 ENGINE..IO-520-A.. SN# 110618-4-A.. ENG TT; 3917.53...TSO; 416.53  
 Opening entry new engine logbook #3 (ad-log)  
 Engine inspected In Accordance With continental aircraft engine maintenance manual (publication # M-11) with change 2 dated Oct 2013, page 5-1 thru 5-10 (check list) for compliance with a 25 hr, 50 hr, 100 hr, and 300 hr inspection requirement.  
 Inspection requirements of e-cfr-14, part 43. appx"d" (dated July 2014) completed.  
 Engine tested per e-cfr-14 part 43.15 (c)(2),I,II,III,IV. pre and post inspection.  
 Engine compression test (hot differential)  
 #1=80/70, #2=80/0\*, #3=80/75, #4=80/68, #5=80/72, #6=80/60\*\*  
 cylinders #1 and 6 removed for repair due to compression\* and \*\*valve leakage.. all other cylinders OK with no valve leakage.

Re-installed cylinders # 1 and 6 after repair by JB acft engine service under shop order # 14-3601 dated 3/12/14, cylinders were overhauled with new guides, valves, seats, pistons, piston pins, and ring sets (#ST110-PO5)  
 Engine removed from aircraft to facilitate weld repair of crack in oil pan at the drain boss..re-installed following pan repair..new intake and exhaust gaskets and mount tab washers.  
 cleaned and inspected oil screens (no external filter)(25 hr oil change reqmt) serviced with 10 quarts of aeroshell W15-W50 oil.  
 Installed new Brackett engine air filter elements #BA-2205L & BA-2205R  
 Cleaned, gapped and rotated spark plugs..ultra sonic cleaned fuel inj nozzles  
 Checked magneto timing and sync (slick 6310's)

I certify that this Engine has been inspected In accordance with current requirements of the federal aviation administration for a 100hr & annual inspection requirement, determined to be in an airworthy condition, and is approved for return to service on 8 July 2014 with eng TT: 3917.53 hrs and eng TSO: 416.53 hrs.

Airworthiness Directives thru issue 2014-13 have been checked and complied see ad-log AD section for specific details.

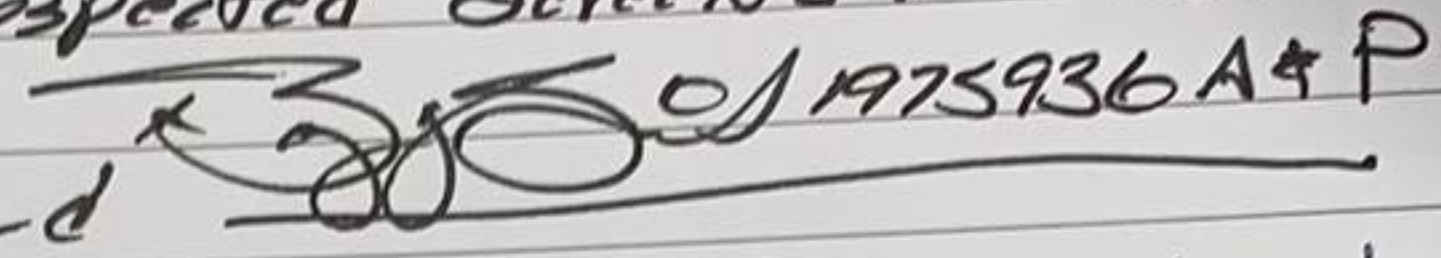
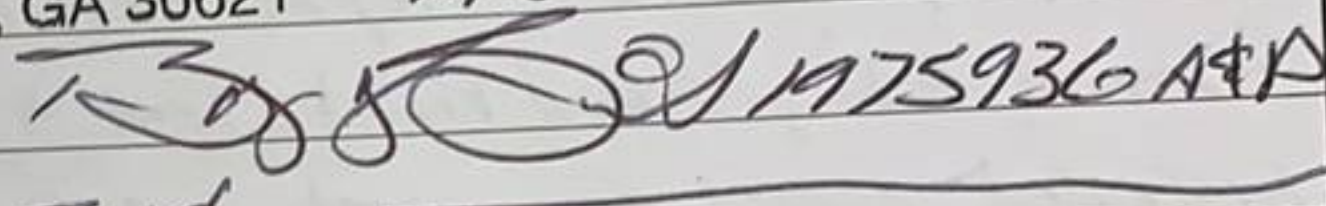
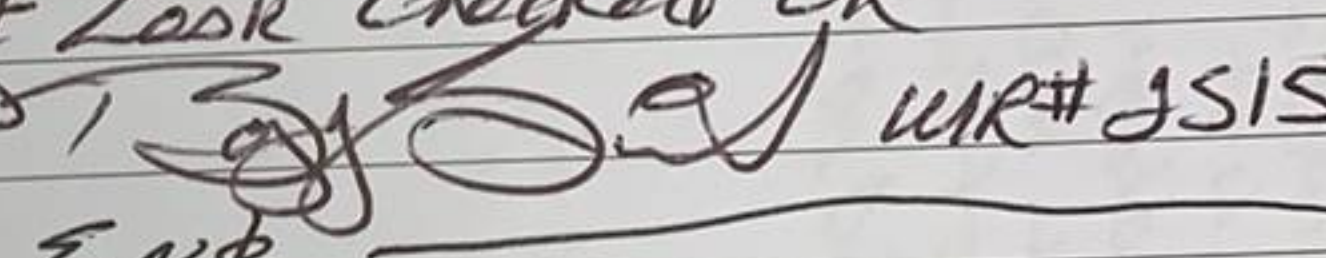
*[Signature]*  
 1975936 ATP/IA  
 RE: MFR# 022414  
 END

**SWAK AIRCRAFT SERVICES**  
 1071 SPRING CREEK DR.  
 BISHOP, GA 30621

08 2014

	S	S	S	
	S	S	S	
	3917.5	416.5	3917.5	SUB-TOTALS this page
				TOTALS-Carry forward to next page

ENG ENG N231RF

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	S	S	S	TOTALS brought forward from previous page
9-23-14	3927,	426,	3927,	Changed Engine oil, added 10 QTS Aeroshell W-15W-50 oil & inspected Screens ✓ OK. <div style="text-align: right;">             1975936 A&amp;P            END         </div>
<div style="display: flex; justify-content: space-between;"> <div data-bbox="225 599 600 733"> <p>SWINK AIRCRAFT SERVICES 1071 SPRING CREEK DR. BISHOP, GA 30621</p> </div> <div data-bbox="797 1249 1228 1449"> <p>Swink Aircraft Services 3332 Whitlow Creek Dr Bishop, GA 30621</p> </div> <div data-bbox="1435 1232 1707 1332"> <p>OCT 15 2014</p> </div> </div>				
15 2014	3941,	440,	3941,	Removed Starter PN# MCL-6501, Sn# 8100813 (slow cranking), installed OHC (Hortzell Eng Tech) PN# MCL-6501R Sn# H-Ø 081231 (problem solved) Approved For Return to Service. <div style="text-align: right;">             1975936 A&amp;P            END         </div>
6 FEB 15	3951,	450,	3951,	05 Changed Engine oil Serviced with 10QTS Aeroshell 15W-50, checked Screens OK Ground Run & Leak checked OK <div style="text-align: right;">             1975936 A&amp;P            END         </div>
SEP 01 2015	3990,	489,	3990,	<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">TCM</p> <p>THIS ENGINE PN 10-S30 ASN 110618-4-A            HAS BEEN <u>inspected</u> PER <u>CFR 14</u>            SPECIFICATION # <u>part 43, Appx 11d</u>            DATED <u>SEP 01 2015</u> ON THIS DATE SEP 01 2015            WO/REF # <u>073015</u> TSN <u>3990</u> TSO <u>489</u>            BOBBY J SWINK 1975936 A&amp;P</p> </div>
SEP 01 2015	3990.	489,	3990.	<div style="display: flex; justify-content: space-between;"> <div data-bbox="806 2515 919 2582"> <p>SUB-1</p> </div> <div data-bbox="1116 2399 1575 2582"> <p>Swink Aircraft Services 3332 Whitlow Creek Dr Bishop, GA 30621</p> </div> <div data-bbox="1444 2615 1707 2682"> <p>073015</p> </div> </div>



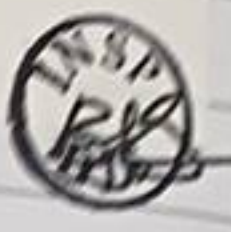


DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH METER TIME	TOTAL
SEP 01 2015	3990	489	3990	

TCM  
THIS ENGINE TN/D-520-A SN 11D61B-4-A  
 HAS BEEN Tested PER E-CFR 14  
 SPECIFICATION # PT 43.15 (c)(2)(i)(ii)(iii)  
 DATED SEP 2015 ON THIS DATE SEP 01 2015  
 WO/REF # 073015 TSN 3990 TSO 489  
 BOBBY J SWINK 1975936 A & P [Signature]

Swink Aircraft Services  
 3332 Whitlow Creek Dr  
 Bishop, GA 30621



Drained & Changed Engine oil - added 10 QTS Aero Shell 15W50 oil. Cleaned & Inspected oil Screens (NO metal found)  
U/S cleaned F.I. Nozzles, cleaned, Gapped, Tested & Rotated Spark plugs:  
Engine Compression (Hot d.t.t): #1=80/70, #2=80/67, #3=80/55 #4=80/60, #5=80/65, #6=80/66 (#3 ONLY HAS EX VALVE Leakage) R & R & Repair #3 CYL (ASSY O/H BY: JB Eng SVC Sebring FL) Grand Rem & Test & insp OIL Post Repair.  
Installed New Brackett L & R Air filter Elements #BA2205 L & R

SEE AIRWORTHINESS DIRECTIVE APPLICABILITY LIST DATED 1 Sep 2015 ("adlog" Ad. Section) And individual AID. Sheets For Details of Compliance S  
[Signature] 1975936 A & P

I CERTIFY THIS TCM TD-520-A Engine  
 SN 11D61B-4-A HAS BEEN INSPECTED AND TESTED PER MANUFACTURERS RECOMMENDATIONS AND CURRENT REQUIREMENTS OF THE FEDERAL AVIATION ADMINISTRATION FOR COMPLIANCE WITH A 100hr Annual INSPECTION AND DETERMINED TO BE IN Airworthy CONDITION AND Approved FOR RETURN TO SERVICE FOR TIME TO CONTINUE; TSN 3990.0 TSO 489.0 CSN N/A  
 AIRWORTHINESS DIRECTIVES THRU ISSUE 15-18 COMPILED DATE SEP 01 2015 WO/REF 073015  
 BOBBY J SWINK 1975936 A & P [Signature]

REPAIR # 073015

Swink Aircraft Services  
 3332 Whitlow Creek Dr  
 Bishop, GA 30621

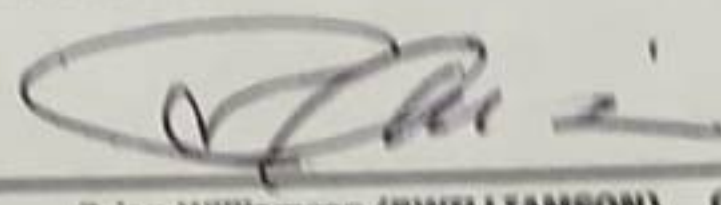
3990	489	3990
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END

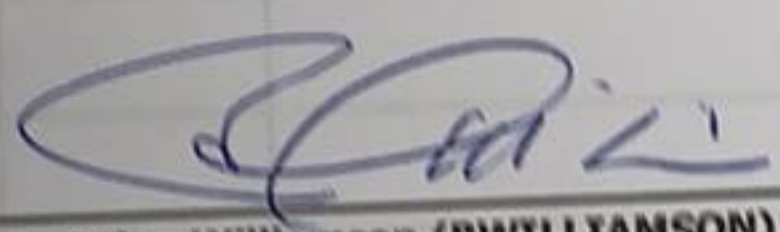
Eq Eq 2518F

DATE	TOTAL HOURS	TOTAL HOURS	TACH HOURS	DESCRIPTION OF WORK PERFORMED	DATE	HOBBS
				<p>ACFT: N2318F MFG: Teledyne Continental Motors M/N: IO-520-A S/N: 110618-4-A</p> <p>2.1 - Replaced the RH and LH ignition harnesses with a new N231 Slick magneto harness kit in accordance with the IO-520A EMM. Engine run up and mag checks good. 2.2 - Drained and flushed engine oil system. Service engine oil with 12qts of Aeroshell 15W50 and cleaned screen.</p> <p>The engine identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.</p>	01/03/2020	281.5



Brian Williamson (BWILLIAMSON) Certificate #: AP39000351A

				<p>ACFT: N2318F MFG: Teledyne Continental Motors M/N: IO-520-A S/N: 110618-4-A</p> <p>2.1 - Complied with annual inspection in accordance with 14 CFR 43 app (d). 2.2 - Cylinder compression checks results as follows: #1 65/80, #2 74/80, #3 79/80, #4 70/80, #5 64/80, #6 70/80. 2.3 - Performed oil change and cleaned screen using 12 qts of Phillips 20W50XC oil. 2.4 - Complied with SEL-74-06. Mandatory inspection of the magnetos impulse coupling stop pin in accordance with detailed instruction in Slick Service Bulletin SB1-19A.</p> <p>The engine identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.</p>	06/11/2020	287.7 TSO: 502.7
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Brian Williamson (BWILLIAMSON) Certificate #: AP39000351A

				SUB-TOTALS this page
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