

 **TELEDYNE CONTINENTAL**



# **Gold Medallion Aircraft Engine**

# **REBUILT ENGINE LOG**

N231QH

AIRCRAFT N-NUMBER

TS10-520-NB88

ENGINE MODEL NUMBER

290572-R

ENGINE SERIAL NUMBER

This engine model TS10520NB8B, Serial No. 290512-R, was rebuilt/zero timed on 02/03/93 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M79-2	79-05-09	REPLACED WITH NEW PART	N/A	91-19-03	OIL FILTER CHANGE
M80-26	81-24-06	TORQUE CHECK	M92-6	N/A	ROCKER SHAFT RETENTION IMPROVEMENT
M82-5	82-09-01	VISUAL / FUEL SEEPAGE	M92-14	N/A	VISUAL INSPECTION FOR DATE
M86-7	86-13-04	REPLACE WITH NEW PARTS			
M87-5	87-23-08	CRANKSHAFT ULTRASONIC INSPECTION			
M88-4	88-03-06	REPLACED WITH NEW PARTS			
M90-6	89-24-01	REPLACED WITH NEW PARTS			
M90-21	N/A	ULTRASONIC INSPECTION OF BARRELS			
M91-6	N/A	ULTRASONIC INSPECTION OF BARRELS			
M91-7	N/A	ULTRASONIC INSPECTION OF BARRELS			

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS  
PRODUCTION CERTIFICATE NO. 508

*Walter Frazer*

# ENGINE DESCRIPTION

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TYPE \_\_\_\_\_ MODEL TS10-520-NB8B SERIAL NO. 290512-R  
RATED H.P. \_\_\_\_\_ MAXIMUM H.P. \_\_\_\_\_  
RATED R.P.M. \_\_\_\_\_ MAXIMUM R.P.M. \_\_\_\_\_ OIL PRESSURE \_\_\_\_\_  
BORE \_\_\_\_\_ STROKE \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ CU. IN. \_\_\_\_\_  
COMPRESSION RATIO \_\_\_\_\_ GEAR RATIO \_\_\_\_\_

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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 \_\_\_\_\_

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OWNERS NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_





# 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.			
94 6-15											Annual insp @ 95 TACH TIME ALL ROUTINE MAINT COMPLETE. REPAIRS, ENGR TOTAL TIME 95-32.6 1. CHANGED OIL & FILTER 2. COMP. VALV ADJUST 75. 3. ADJ 94-01-03 & 94-06-09 DWA BY SP 4. 93-10-02 DWA APPLY OVER 25 HRS 30.6 32.4 Date 6-15-94 Subst No 95 Total 95 ENGR.		
											I certify that this <u>Engine</u> has been inspected in accordance with annual inspection and was determined to be in airworthy condition. Signature: <u>[Signature]</u> IA 1695303		
											32.6 Prop. 95 Sweet News 70 3MCA		
BROUGHT FORWARD													
TOTALS													

















# ENGINE LOG

4-8-00 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.				
<del>4-15-00</del>			TACH READS 208.0 <sup>HRS</sup>			SINCE OVERHAUL			0.00 <sup>HRS</sup>					
4-8-00 <i>Bill Adams</i>			ENGINE REMOVED & OVERHAULED DUE TO PROP STRIKE, ALL STEEL PARTS INSPECTED BY AIRCRAFT ENGINE AND ACCESSORY (FAA REPAIR STA. WLR533K). ALL ROCKER ARMS RECONDITIONED, COUNTERWEIGHTS REPLACED, CRANKSHAFT GROUND TO .010 MAINS .010 CRANK PINS .010 OIL TRANSFER COLLAR FURNISHED BY ABOVE R/S. REPLACED WITH GENUINE CONTINENTAL PARTS ALL EXC INT VALVES, KEEPERS, ROD BRGS, MAIN BRGS, ROD BOLTS, ROD NUTS, THRUST WASHERS AND MAJOR O/H GASKET SET. ALL @ CYLS CHROMED & REBUILT BY DIUCO. PISTON RINGS HAND FIT TO FACTORY O/H MANUAL MIN TOLERANCES FOR A GOOD COMPRESSION SEAL. MAGS INSPECTED, BEASSY. INTERNAL TIMING CHECKED. REPLACED ALTERNATOR WITH A REMAN UNIT REBUILT BY AEROTECH P/N ALX9405. INSTALLED A NEW McCauley PROP MOD # 3AF32C505-C S/N 984051. ENGINE GROUND TEST & RUN AS PER MFG'S INSTRUCTIONS, INSPECTED LEAK CHECKED AND APPROVED FOR RETURN TO SERVICE THIS DATE <del>4-15-00</del> 4-8-00.											
(NOTE) INSTALLED (12) NEW R4B32E SPARK PLUGS NEW OIL FILTER AND (1) QT AEROSHELL "NOW DET" ENG OIL FOR BREAK IN PERIOD.													<i>Bill Adams</i> AIP 42489N21	
BROUGHT FORWARD														
TOTALS														

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2001 4-11					4.2			54.8			ENGINE TOTAL TIME 3/F "O" TIME 262.8		
<p>THIS ENGINE INSPECTED IN ACCORDANCE WITH THE MFG'S INSTRUCTIONS AND CHECK LIST, EXCEEDING THE SCOPE &amp; DETAIL OF FAR 43 APPENDIX "D". ENGINE GROUND RUN, OPERATIONALLY CHECKED AND LEAK CHECKED. (OPERATIONAL CHECK SATISFACTORY AND NO LEAKS NOTED THIS INSP) ADS RESEARCHED FOR COMPLIANCE THROUGH ISSUE 47-07 (T-DATA) 01-07</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 4-11-01</p> <p style="text-align: right;"><i>Bill Adams</i> A1424489421</p>													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2002 5-23											S/F 0" TIME 294.6		
<p>TACH READS 73.0 <sup>HRS</sup> 5 MOH 86.6 <sup>HRS</sup></p> <p>THIS ENGINE &amp; PROPELLER INSP IN THE SCOPE &amp; DETAIL OF FAR 43 APPENDIX "D",  REPLACED OIL WITH TEXACO OIL 100 (NOW DET). REPLACED OIL FILTER  CN 48-109 PLUGS <del>GRABBED</del> RESET TO 18" MAG TIMING CHECKED,  ALL CYLS CHECKED 72/80 OR BETTER ON A COLD CHECK.  AIS RESEARCHED FOR COMPLIANCE THROUGH THIS DATE 5-23-02.</p> <p>I CERTIFY THAT THIS ENGINE &amp; PROPELLER HAS BEEN  INSPECTED IN ACCORDANCE WITH AN ANNUAL  INSPECTION AND WAS DETERMINED TO BE  IN AIRWORTHY CONDITION THIS DATE 5-23-02.</p> <p style="text-align: center;"><i>Bill Adams</i>  AI 424489421</p>													
BROUGHT FORWARD													
TOTALS													



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2004 6-4-04	TACH		150.4		5 mo h	1 1/2	40	40					
<p>ENGINE INSP. IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX 'D'. A/D'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE. ALL CYLS AVERAGE 174/80 (COLD CHECK).</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 6-4-04.</p> <p style="text-align: right;">Bill Adams AT 424489421</p>													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2005 7-14													
<p>TACH READS 175.9 8MOH 189.5</p> <p>THIS ENGINE &amp; PROPELLER INSP. IN THE SCOPE &amp; DETAIL OF FAR 23 APPENDIX 'D'. ALL CYL'S COMPRESSION CHECKED 80% AVERAGE. AD'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.</p> <p>I CERTIFY THAT THIS ENGINE &amp; PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 7-14-05.</p> <p style="text-align: right;">Bill Adams AI 404489421</p>													
BROUGHT FORWARD													
TOTALS													



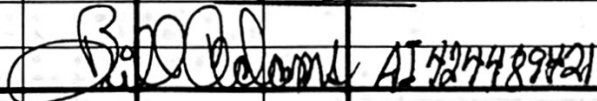
# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2006 8-3-06													
<p>TACH READS 228.9 <del>1242.5</del> 5MOH 242.5</p> <p>THIS ENGINE INSP. IN THE SCOPE &amp; DETAIL OF FAR 43 APPENDIX "D".            CHECKED ALL FUEL &amp; OIL LINES FOR SECURITY &amp; TORQUE,            ENGINE COMPRESSION STILL AVERAGES 80/44 (COLD CHECK)            AD'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN            INSPECTED IN ACCORDANCE WITH AN ANNUAL            INSPECTION AND WAS DETERMINED TO BE            IN AIRWORTHY CONDITION THIS DATE 8-3-06.</p> <p style="text-align: right;"><i>Bill Adams</i> AIN 24489421</p>													
BROUGHT FORWARD													
TOTALS													





# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2008 9-20-08	TACH	READS	250.0	5	MON	273.6							
<p style="text-align: center;">THIS ENGINE INSP. IN THE SCOPE &amp; DETAIL OF FAR 43 APPENDIX "D":            ENGINE RAN FOR OPERATIONAL AND LEAK CHECKS, (NOTE) NO            LEAKS OF SIGNIFICANCE THIS INSP.            A/D RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2008-19.</p>													
<p>ENGINE COMPRESSION            INPT 80 P.S.I.</p>													
# ①	76	SOLA CHECK ↑											
# ②	74												
# ③	75												
# ④	75												
# ⑤	76												
# ⑥	75												
<p>I certify that this <del>aircraft</del> ENGINE            has been inspected in accordance            with a <del>(an)</del> ANNUAL inspection and            was determined to be in airworthy            condition this date 9-20-08.</p>													
													
BROUGHT FORWARD													
TOTALS													

AT 1114489421

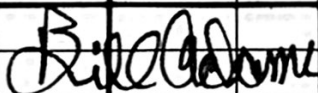
# ENGINE LOG

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.			
2009	TACH READS												
REMOVE AND REPLACE AIRRESEARCH TURBO O/H BY QUALITY AIRCRAFT ACCESSORIES (SEE RELEASE PAPERS) RE-ATTACH LOWER COULH TO FUSELAGE ATTACHMENT BY DRILLING & RIVETING. INSTALLATION & TEST ACCOMPLISHED IN ACCORDANCE WITH THE MANUFACTURES INSTRUCTIONS.													
												Bill Adams A & P #2448742/	
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2009													
10-1-09			TACH READS 283.0			smch 306.6							
	OIL & FILTER REPLACED WITH (12) QTS AEROSHELL W-100 OIL & (1) CH48-109-1 OIL FILTER. PLUGS CLEANED, INSP. AND GAPS RESET TO .018" MAG TIMING CHECKED FOR 22° BTC. ENGINE RAN FOR OPERATIONAL CHECKS AND OIL/FUEL LEAKS. (NOTE NO LEAKS THIS INSP.) AD'S RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2009-20.												
	ENG COMP. IN PUT 80 P.S.I												
	#1	75	I certify that this <del>aircraft</del> <b>ENGINE</b> has been inspected in accordance with a (6) <u>ANNUAL</u> inspection and was determined to be in airworthy condition this date <u>10-1-09</u> .										
	#2	76											
	#3	74											
	#4	75											
	#5	75											
	#6	76											
	BROUGHT FORWARD												
	TOTALS												

OPERATIONAL GREENS


 AI42485421



# 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.			
7-17-2011		TACH	13	09	9						Installed overhauled turbocharger after Repair/overhaul By Quality Aircraft accessories. P/N 407810-9001, S/N VL-L0132. Ops & leak checks good. Sundt AP3201770		

DATE 8-6-12 TACH 340.1 SOH \_\_\_\_\_ SMOH 363.7

THIS ENGINE INSPECTED IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D". ADS RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2012-15.

- ENGINE COMPRESSION**
- (1) 80/ 75
  - (2) 80/ 75
  - (3) 80/ 70
  - (4) 80/ 74
  - (5) 80/ 75
  - (6) 80/ 75

C/O CHECK AMBIENT 94°F

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 8-6-2012

BILL ADAMS A&P424489421AI  
*Bill Adams*

BROUG



# 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.						
2013 09-17	TACH	375.6	SMDH	399.2		TT:BY	BEST AVAILABLE INFO	583.6								
<p>(Clean) Repaired 1/2 12 GTS Aeroshell W100 &amp; CHE8109-1 FILTER, CLEAN AN INJECTORS &amp; Replace seals, O-RINGS, washers, &amp; bolts @ injectors, Flush Lines &amp; Leak CK'd. Clean Gmp &amp; Rotate all spark plugs, CK'd MAG TUNING &amp; Replace MS35769-H plug seal CK'd FOR SECURITY &amp; OPERATION OF ENGINE CONTROLS &amp; ATTACHMENTS, Replace AN engine load MTS P/N 94030-01 - position &amp; traqued per Rocket Engineering INSTS, C/W AD 95-17-06 34 INSP OF TURBO TRANSFERRED TUBE N10 @ 683.6 hrs Cleaned Fuel screens, R/R induction filter Run A/C &amp; ops CK'd temp, pressures, idle speed &amp; mixture ect Comp. Test as follows            ① 64/80 ② 70/80 ③ 64/80 ④ 69/80 ⑤ 68/80 ⑥ 65/80 with M/P @ 45/80 PSI</p>																
											I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR. INSPECTION AND IS IN AIRWORTHY CONDITION.					
											SMDH 399.2		TIME 583.6		DATE 09-17-2013	
											SIGNATURE <u>A. Alan ne Pndly</u> AR3878959					
BROUGHT FORWARD																
TOTALS																



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
10/24	TACH 388.4	715% .4	SMON 412.0 hrs										
<p>                     RUN ENGINE &amp; OPS CK'D, UNCOOLED FOR INSPECTION. RUN Compression Test 'HOT'; CLEAN GAP &amp; CONTACT SPARK PLUGS. CK'D TIMING @ BOTH MAGS. CK'D idle speed, MIXTURE, &amp; INDICATORS @ INST'S DURING RUN-UP. CK'D SECURITY &amp; OPERATION OF ENGINE CONTROLS &amp; ATTACHMENTS &amp; LUBO. C/W AD NOTE 95-17-86 BY INSPECTOR &amp; FOUND OK FWD SUPPORT TUBE BROKEN. Replaced TUBE FROM LOCKET ENGINEERING PN 305-03-502 REV'D NIA @ 1171.9 1/2 IN. CHANGED OIL &amp; FILTER, CUT &amp; INSPECTED FILTER (CLEAN) TOPPENISH W/12 QTS AeroShell W100 &amp; CH48109-1 FILTER. INSPECT COMPLETE EXHAUST SYSTEM &amp; TURBO-LUBED WASTEGATE WITH THE MIX. CK'D INJECTORS &amp; LINES CLEAN FUEL SCREENS, REPLACE INDUCTION FILTER PN 388103-1. Replaced #3 &amp; #5 cyl. INTAKE gaskets PN 649959 Insp. ENGINE MOUNT, ENGINE CONTROLS &amp; ACCESSORIES FOR SECURITY &amp; ADJUSTMENT Comp Test ① 66/80 ② 66/80 ③ 64/80 ④ 64/80 ⑤ 72/80 ⑥ 64/80 RUN ENGINE OPS &amp; LEAK CK'D, RECOOLED &amp; RE-RUN - NORMAL OPERATION.                 </p>													

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR. INSPECTION AND IS IN AIRWORTHY CONDITION.

TIME 596.4 DATE 10/24/2014

SIGNATURE A. Wayne Phillips

AP5678959

THIS PROPELLER/COMPONENT HAS BEEN OVERHAULED/REPAIRED AS PER MAINTENANCE RELEASE TAG UNDER WORK ORDER NO. 19684 DATED 03/14/2013.



# 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.			
2017 04-12	TACH READS		399.8			SMOH			423.4		TOTAL TIME 607.4 (FACTORY)		
	OIL AND FILTER REPLACED, SPARK PLUGS REPLACED WITH NEW UREM 324 PLUGS.												
<p>DATE <u>04-12-2017</u> TACH <u>399.8</u> SOH <u>423.4</u> SMOH <u>607.4</u></p> <p>THIS ENGINE INSPECTED IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D". ADS RESEARCHED FOR COMPLIANCE THROUGH ISSUE <u>2017-07</u>.</p> <p>ENGINE COMPRESSION</p> <p>(1) 80/71            (2) 80/72            (3) 80/70            (4) 80/72            (5) 80/72            (6) 80/71</p> <p style="text-align: center; transform: rotate(-90deg); font-weight: bold;">COLD CHECK</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE <u>04-12-2017</u>.</p> <p>BILL ADAMS A&amp;P424489421AI <i>Bill Adams</i></p>													
BROUGHT FO													
TOTALS													

# ENGINE LOG

wo: GA1024

Engine - page 1 of 1

DATE



Glencoe Aviation · 6253 Airport Industrial Blvd · GONZALES, la 70737 · 225-644-3088

SIGNATURE

LICENSE  
NUMBER

**N231QH**  
Tach: 406.36

**continental, TS10-520-NB8B, S/N: 290512-R**  
SMOH: 429.96

**December 2, 2019**

1. DRAINED ENGINE OIL AND REMOVED OIL FILTER AND CUT OPEN FOR DEBRIS NONE NOTED. INSTALLED NEW FILTER PN CH48109-1 AND SERVICED WITH 12QTS OF PHILLIPS 20W-50. REMOVED FUEL INJECTORS AND INSPECTED AND INSTALLED NEW ORINGS. REMOVED SPARK PLUGS INSPECTED CLEANED AND GAPPED. CHECKED MAG TIMMING. THEN PERFORMED COMPRESSION TEST #1 72/80 #2 76/80 #3 62/80 #4 70/80 #5 64/80 #6 60/80. REMOVED AND REPLACED INDUCTION FILTER PN AAD9-18-1. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY Installed (4) MS29513-338 - Oring, Installed (1) AAD9-18-1 - AIR FILTER, Installed (6) 640612 - Flat washer: rubber, Installed (6) 633958-3 - Seal, Installed (12) 630979-9 - O-ring.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order: GA1024.

Dayne Bounds A/P IA 2782783

BROUGHT FORWARD

TOTALS

BROUGHT FORWARD									
TOTALS									

# ENGINE LOG

wo: GA1115

Engine - page 1 of 1



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SIGNATURE

LICENSE  
NUMBER

**N231QH**

**continental, TS10-520-NB8B, S/N: 290512-R**

**April 30, 2020**

Tach: 406.36

SMOH: 429.96

1. Removed fuel pump and sent out for overhaul by CRS# 9QFR310C and reinstalled upon return. Completed engine ground run with no discrepancies at this time. Installed (1) 646210-11 - TCM FUEL PUMP, S/N: L239201B.
2. Completed troubleshoot of engine. Found mags to be bad. Removed LH mag S/N: 646981R and RH mag S/N: 646983R and installed overhauled mags by CRS# 9QFR310C and timed to engine in accordance with engine data plate. Engine ground run and operational check satisfactory at this time. Installed (1) 10-349260-6OH - MAG, Installed (1) 10-349220-5OH - MAG, S/N: I199708FR.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order: GA1115.

Taylor Stringfield A/P 4285189

BROUGHT FORWARD

TOTALS

BROUGHT FORWARD											
TOTALS											

wo: GA1410

Engine - page 1 of 1



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SIGNATURE

LICENSE NUMBER

**N231QH**

**continental, TS10-520-NB8B, S/N: 290512-R**

**March 24, 2021**

tach: 406.36

SMOH: 429.96

1. DRAINED ENGINE OIL AND REMOVED OIL FILTER AND CUT OPEN FOR DEBRIS NONE NOTED. INSTALLED NEW FILTER PN CH48109-1 AND SERVICED WITH 12QTS OF PHILLIPS 20W-50. . . REMOVED SPARK PLUGS INSPECTED CLEANED AND GAPPED. CHECKED MAG TIMMING. THEN PERFORMED COMPRESSION TEST #1 74/80 #2 68/80 #3 64/80 #4 766/80 #5 64/80 #6 62/80. REMOVED AND REPLACED INDUCTION FILTER PN AAD9-18-1.PERFORMED ENGINE GROUND RUN NO LEKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY In-stalled (1) AAD9-18-1 - AIR FILTER.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order: GA1410.

Dayne Bounds A/P IA 2782783

BROUGHT FORWARD

TOTALS



# ENGINE LOG

Beacon Aviation

DA

Tail: N231QH Model: Continental TSIO-520-NB8B S/N: 2905012-R Tach: 442.16

TSMOH: 465.76

Complied with 100-hr inspection checklist IAW current Continental EMM. Drained and replenished engine oil with Phillips 20w-50. Removed, cut and inspected oil filter for metal debris. Cleaned, gapped, and tested spark plugs. Magnetos installed and timed after 500-hr inspection complied with by Aircraft Magneto Service Invoice # 33841. Cylinder #2 & #5 removed and sent to The new firewall Forward for repair W.O.# 11738 & 11801. Installed repaired cylinders IAW EMM. Performed compression test 1) 72/80 2) 80/80 3) 65/80 4) 67/80 5) 80/80 6) 62/80. Removed and replaced fuel control. Complied with leak check run. No defects noted at this time.

I certify this engine to be in an airworthy condition in reference to work performed above.

  
Jaime Hollis A & P 4060641 IA

10-1-22 Date

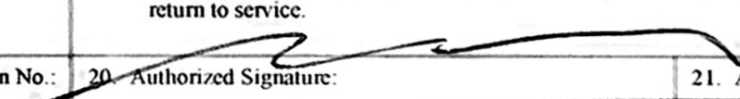
MENTS

SIGNATURE

LICENSE NUMBER

TOTALS



1. Approving National Aviation Authority / Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>031413</b>	
4. Organization Name and Address: <b>MEMPHIS PROPELLER SERVICE, INC. 11098 Willow Ridge Drive - Olive Branch, Mississippi 38654</b>				PI4R441M		5. Work Order/Contract/Invoice No. <b>19684</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:	
1	Propeller	3AF32C505-C	NA	1	984051	Overhauled	
13. Remarks: Overhauled Propeller Assembly with Factory New Blades In Accordance with FAA Approved Data. Full Details of Work Carried Out Per Work Order 19684. TSN: Unk TSO: 0.0 Blade Model: G-82NEA-5.5 S/N: AGJ-26074, AGJ-26076, AGJ-26078							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.:	
						PI4R441M	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
		00/00/00		Trong Vu		Mar 14, 2013	
<b>User/Installer Responsibilities</b>							
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.							