

TELEDYNE CONTINENTAL



# Gold Medallion Aircraft Engine

# REBUILT ENGINE LOG

N1026W

AIRCRAFT N NUMBER

ID-520-BA10B

ENGINE MODEL NUMBER

280667R

ENGINE SERIAL NUMBER

This engine model T0520BA10 B, Serial No. 280647-R,  
was rebuilt on 11-21-90 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

  
\_\_\_\_\_

 **TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products Division

### 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.					
1-3-9	TACH 1174 hrs -0- hrs since rebuilt.										Served eng. with Aeroshell 40 wt. mineral oil. Installed eng pin Beech A-36 slw E-411. Replaced All eng shock mounts. Plus SID520-1. Ground run and ops checked. No leaks noted.				
											SIGNED <u>Milt Terry</u> INSPECTOR FOR HUNTSVILLE AVIATION CORP. P. O. BOX 6063 HUNTSVILLE, ALA. 35824 FAA APPROVED REPAIR STATION #KVQR897F				
											Ref HAC 610# 12374				

NOTE: COMPLIANCE WITH MANUFACTURERS SERVICE DATA (BULLETINS, LETTERS, MEMOS, ETC.) IS AS NOTED ONLY, EXCEPTING DATA WHICH IS ASSOCIATED WITH AIRWORTHINESS DIRECTIVES OR COVERED IN ROUTINE PREVENTIVE MAINTENANCE.

BROUGHT FORWARD  
 TOTAL



### 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.			
1992 7 Feb	Tech	1261.59									Total Time on Engine 87.59 hrs Completed 100 hrs per Annual inspection oil drained and filter replaced per manual 2 Qt of motor oil. Small pieces of metal found in filter. will check again per 50 hours. Cleaned and gaped all spark plugs. Timing checked OK Compression 701 700 2 68 703 100 704 705 1 68 706 100 707 100 708 100 709 100 checked OK Performed routine maint.		
											DATE 7 Feb. TOTAL TIME 87.59 TACT TIME 1261.59 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr Annual AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION INSP Samuel Connel A&P 2007834 IA 2007834		
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.			
8 Jan 1993											Completed 100 hr and Annual inspection. Removed all spark plugs cleaned and gaped. Compression 701 70% no 66% no 3 79% no 4 76% no 5 78% no 2 74%. Timing checked at 22° BTDC per spec. Replaced oil Filter CH 48189 old Filter cut open found no metal. Replaced Vacuum Filter R-35-1 and 2 pressure Filters on Engine pump and stand by filter 154-6. Replaced leaking rocker Box Gaskets with real Gasket R/534857. Replaced Bracket air Filter BA-7112. Engine cleaned and run up checked operation and for leaks. Grey Drop 75 both ways. Found no oil leaks performed routine Maint.		
BROUGHT FORWARD													
TOTALS													

DATE 8 Jan 1993  
 TOTAL TIME 156.71 TACT TIME 1330.71  
 I CERTIFY THAT THIS ENGINE  
 HAS BEEN INSPECTED IN ACCORDANCE WITH A  
 100 hr Annual  
 INSPECTED BY  
 A & P 2007884 A 2007884

### ENGINE LOG

DATE			SIGNATURE	LICENSE NUMBER
	G	<b>Log Book Insert</b>		
		Make <u>Continental</u> Date <u>22 July 1993</u> Model <u>IO-520-BA (10)</u> W.O. <u>525</u> S/N <u>280667-R</u> Act. <u>1393.3 (Tach.)</u> Reg. No. <u>N1062W</u> Ldgs. _____	 <b>FLIGHT SUPPORT</b>	
		Complied with Teledyne Continental mandatory service bulletin M93-9 R1 by installation of new style drive coupling P/N 653359 per service bulletin instructions.		
		Signed by <u>Mike Terry</u> Inspector for Signature Flight Support Support P.O. Box 6063, Huntsville, ALA. 35824. FAA Approved Repair Station # <u>NW50071</u>		
		<small>The aircraft, airframe, aircraft engine, propeller, or appliance 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</small> Order # _____ Date _____ Signed _____ Signature Flight Support    FAA Certified Repair Station # _____ Location _____		
		<b>BROUGHT</b>		
		OP0010 12/92		

### 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.				
24 MAR 1994	TACH	1448.0	TT	274.0	Performed 100 HR inspection IAW Beech and Teledyne requirements. Compression as follows: #1 72/80 #2 68/80 #3 70/80 #4 68/80 #5 75/80 #6 70/80. Changed oil and filter. Serviced engine with 12 qts. Mobil AV1. Oil filter cut and inspected - no foreign material found. Cleaned, gapped, and rotated spark plugs. C/W AD 94-06-09 (magneto capacitor) by visual insp. All ADs researched through 94-06-09. Engine ground run and checked for leaks. Magnetos timed to engine.									
<p style="text-align: right;">DATE <u>24 MAR 94</u>  TOTAL TIME <u>274.0</u> TACT TIME <u>1448.0</u>  I CERTIFY THAT THIS <u>Engine</u>  HAS BEEN INSPECTED IN ACCORDANCE WITH A  <u>100 HR.</u> AND WAS  DETERMINED TO BE IN AN AIRWORTHY CONDITION  INSP <u>W. W. W.</u>  A&amp;P <u>418067452</u> LA</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.			
3/24/95	TACH 1613.8		TOTAL TIME 439.8							CONDUCTED AN ANNUAL INSPECTION IAW THE REECH INSPECTION GUIDE. DRAINED OIL & CHANGED FILTER. SERVICED WITH 12-2T AeroShell 15W50. COMPRESSION CHECKS: #1-70/80, #2-64/80, #3-64/80, #4-66/80, #5-70/80, #6-66/80. REPAIRS THE RT EXHAUST MANIFOLD & MUFFLER. TIGHTENED & SAFETYED THE THROTTLE & MIXTURE Rod ends. CHANGED 78-09-07 R3 REAR AREA BOTH IMPULSE CAM ASYS & SPRINGS. REPAIRS BOTH POINTS. A POST INSPECTION RUN UP PROVES SATISFACTORY. -END-			
											TACH <u>1613.8</u>	TOTAL TIME <u>439.8</u>	
											HOBBS <u>SMOH</u>		
I certify that this Aircraft Engine has been inspected IAW current FAA regulations for <u>ANNULAR</u> inspection and is determined to be in Airworthy Condition. Details on file W.C. # <u>09-04-18259</u>													
Signed <u>Charles M. Mohr</u> Date <u>3/24/95</u>													
Brought Forward TOTALS													
Certified Repair Station # ERY 3682D UNITED BEECHCRAFT, BIRMINGHAM													

### ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4/3/96	TACH		17	19	3				5	45	3		
<p>CONDUCTED AN ANNUAL INSPECTION IN THE BEECH INSPECTION GUIDE. DRAINED OIL &amp; CHANGED FILTER. SERVICED WITH 12 QT AGRO SHELL 15W-50. COMPRESSIONS CHECKED: #1-66/80, #2-60/80, #3-60/80, #4-62/80, #5-62/80, #6-68/80. REPLACED ALL SPARK PLUGS. REPLACED IGNITION LEAD END TERMINALS AS NECESSARY. A POST INSPECTION RUN UP PROVES SATISFACTORY. -END-</p>													
			TACH			1719.3			TOTAL TIME		545.3		
			HOBBS						S.M.O.H.				
<p>I certify that this Aircraft Engine has been inspected I.A.W. current FAA Regulations for a <u>ANNUAL</u> inspection and is determined to be in Airworthy Condition. Details on file W.O. # <u>04-04-14508</u></p>													
			Signed:			<i>[Signature]</i>			Date		4/3/96		
<p>Certified Repair Station # ERY3682D                  RAYTHEON AIRCRAFT SERVICES                  BIRMINGHAM, ALABAMA</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.			
5-1-97	TACH		17	80.6	hrs	6	06.6	Since Rebuild			Changed oil & Filter, serviced Acrosshell 15w50 AD. Compression checks ① 70 ② 62 ③ 68 ④ 72 ⑤ 68 ⑥ 66. Timing checks good. Cleaned & serviced spark plugs. visually inspected, De-greased & ground run checks good. I certify this Engine was inspected IAW a 100hr. inspection and is determined to be in airworthy condition. <i>Greg Parker</i> APL 424151337 - END -		
Brought Forward      TOTALS													















**ENGINE LOG**

DATE	
	Group

**Log Book Insert**

Make BEECH Date 11-12-99  
 Model A36 W.O. 4566  
 S/N E411 A.T.T. 2136.86 Tach  
 Reg. No. N1062W H.M. \_\_\_\_\_

*Signature*  
 FLIGHT SUPPORT

SIGNATURE	LICENSE NUMBER

ENGINE LOG 1 of 1

C/W AD 96-12-07 amdt 39-9643 (dated 19 JUL 96) IAW MSB645 both magneto impulse couplings found to be with in spec's. Reinstalled magnetos and timed to engine per M/M. Degreased and ran the engine no leak's noted at the mag-neto's. AD 96-12-07 Next due at Tach 2636.86.  
 L/H MAG S/N J159018F  
 R/H MAG S/N K079032FR

Signed by *[Signature]*  
 Inspector for Signature Flight Support P.O. Box 6063, Huntsville, AL 35824, FAA Approved Repair Station # VYFR071J.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations and approved by the FAA for return to service. Pertinent details of the repair are on file at this repair station under Order # \_\_\_\_\_ Date \_\_\_\_\_  
 Signature Flight Support FAA Certified Repair Station # VYFR071J Signed \_\_\_\_\_  
 Location \_\_\_\_\_

BROUGHT FOR \_\_\_\_\_  
 TO \_\_\_\_\_  
 OP0010 3/99

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.			
2000 3/23	TACH		TIME	2	50				OIL		AND FILTER CHANGE, SERVICED		
	WITH		12 QUARTS						AROSHELL		W/100 AND NEW CHAMPION		
	43609.		POST SERVICE						ENGINE		RUN, NO LEAKS NOTED.		
	ENGINE		TIME	2	26								
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.			
2000 11-6	Tach Reads 2191.7		2191.7			Engine TSR 1017.7			DRAINED OIL		Checked Gilton Con metal, Removed Spark Plugs, Cleaned And Regapped, Checked Compression #1-70/80 #2-62/80 #3-70/80 #4-65/80 #5-70/80 #6-65/80 Compression on All Cyls Leaking By Rings Replaced Fuel Hosen To Servo, Furnished By Owner, Replaced Crank Shaft Seal, Replaced All Rocker Cover Gaskets, Replaced Oil Filler neck Gasket Replaced Oil Gilton Adapter Gasket Checked main Timing, Removed Byrd Oil Separator And Replaced with M-20 Turbos STC Unit, See 337 This Date, no weight # Bal Change Ground Run Checked Engine Instrument. Con normal Reading Functional Checked Bendix Mag Switch To CW AD 76-07-12 Replaced Brachett Air Filter Element Checked Brachett Gasket And Air Inducta System To Cno 96-0906, I certify that this Engine was inspected in accordance with a 100% Annual inspection and was determined to be in Airworthy condition. Tach Time 2191.7 Total Time 1017.7 Date 11-6-2000 Betty C. Joubert #408507007LA		
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.			
12/4/01	2263	17	TSMGH	10	89.7						ANNUAL INSPECTION COMPLETED THIS DATE J/PAW		
											Reck Service Manual AND F.H.R. 43 APP. 12, Engine Compression		
											17002 67003 67004 67005 67006 6700 Change OIL 11 QT PHILLIPS		
											20WS0XC AND CH48109 Filter, Examined OLD Filter No Contamination		
											Noted, Retorant Nise Case Bolts + Sealed Replaced Breather Tube		
											Hose At Filter Outlet MPL 6000 Hose, Cleaned + Gapped Plugs,		
											Repaired OIL Qty Indicator + Rebuilt, Checked Timing AND		
											Completed Run up + Leak Check,		
											DATE <u>12/4/01</u> TOTAL TIME <u>1089.7</u>		
											I CERTIFY THAT THIS <u>ENGINE</u> HAS		
											BEEN INSPECTED IN ACCORDANCE WITH		
											A <u>ANNUAL</u> INSPECTION AND		
											DETERMINED TO BE IN AIRWORTHY CONDITION.		
											STANLEY P. SMITH		
											IA / A & P 419664385 <u>Stanley P. Smith</u>		
BROUGHT FORWARD													
TOTALS													









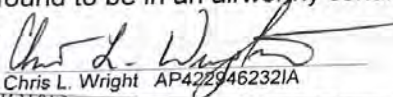
### ENGINE LOG

.TE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		NORTH ALABAMA AVIATION P.O. BOX 70 TANNER AL. 35671						
		Reg #: 1062W     S/N: 280667-R Date: 02-07-2004     WO #: 1129	ENG TT: 3946.0	TSMOH: 1202.9 Hobbs: 2376.9				
		ENGINE ANNUAL INSPECTION COMPLETED THIS DATE I/A /W BEECH SERVICE MANUAL AND F.A.R. 43 APP. D, Engine run-up and leak check carried out satisfactory. COMPRESSION 1-65/80 2-62/80 3-61/80 4-60/80 5-65/80 6-60/80 ,SERVICED ENGINE WITH 12 QTS 20W50 PHILLIPS AND CH 48109-1 FILTER, EXAMINED OLD FILTER NO CONTAMINATION NOTED, . REVISION 2004-02, I certify this engine has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition. STAN SMITH A&P 419664385 IA						
TOTALS								



ENGINE LOG

North Alabama Aviation  
 21390 Flightline Rd.  
 Tanner, Al. 35671

DATE		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Reg #: 1062W    Make: Beechcraft    Model: A-36 Date: 04-12-2006    W/O #: 1674    TSMO: <del>3006.6</del> <sup>1252.4</sup> Tach: 2426.4			
	Annual inspection completed this date I/A/W FAR 43 App.(D) using Continental and BEECH service data as a guide. Compressions checked using 80psi as standard input. #1. 64, #2. 62, #3. 63 #4. 60, #5. 62, #6. 60,. Drained oil and inspected filter screen. No significant particals or contamination found. Repalced CH48109-1 oil filter. Serviced with 12qts of Aeroshell W100P Oil. Torqued all rocker cover screws. Tightened all intake hose clamps. Replaced BA4108 air filter element. ADs checked through this date. Latest revision 2006-03. Engine cleaned, ran and leak check completed. All systems functioned properly. I certify that this aircraft engine and propeller has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.			
BROUG	 Chris L. Wright    AP4229462321A TOTALS			

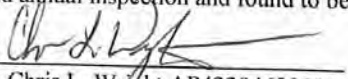
**ENGINE LOG**



**NORTH ALABAMA AVIATION**  
21390 FLIGHTLINE RD. TANNER AL. 35671

REG#: 1062W Make: Continental Model:IO-520-BA WO#:1754  
Date:5/10/07 Tach: 2451.8 TSMO:1277.8 T.T.:4020.9

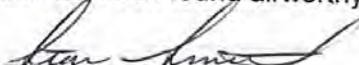
Annual Inspection completed this date I/A/W FAR 43 App. (d) using Beechcraft and Continental service data as a guide. Compressions checked using 80psi as standard input. #1. 76. #2. 70. #3. 72. #4. 70. #5. 74. #6. 70. Drained oil, cut and inspected filter. No significant particles or contamination found. Replaced CH48109-1 filter element. Serviced with 11 quarts of 15W50 Aeroshell oil. Torqued all rocker cover screws. Replaced push rod seals on left side of engine. Replaced broken exhaust stud with roseet on #2 cylinder. AD's checked through this late. Latest revision 2007-10. See aircraft log for applicabel AD's and actions. Engine cleaned, ran and leak checked. All systems functioned satisfactory. I certify that this aircraft engine has been inspected in accordance with and annual inspection and found to be in an airworthy condition.

  
Chris L. Wright AP4229462321A.

**NORTH ALABAMA AVIATION**  
21390 FLIGHTLINE RD  
TANNER AL. 35671

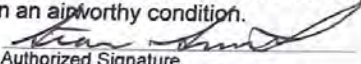
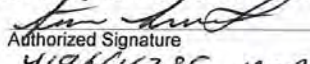
Reg #: 1062W A/C TT: 4055.5 TSMO: 1312.4  
Date: 07-02-2008 WO #: 2162 A/C TT: 4055.5 Tach: 2486.4

ANNUAL INSPECTION COMPLETED THIS DATE I/A  
/W BEECH INSPECTION REPORT AS A GUIDE AND  
F.A.R. 43 APP. (D). ENGINE COMPRESSION 1-70/80,2  
-66/80,3-64/80,4-64/80 5-67/80,6-71/80,SERVICED  
ENGINE WITH 10 QTS15W50 AND CH48109  
-1,INSPECTED FILTER NO CONTAMINATION  
NOTED, I certify that this aircraft engine has been  
inspected in accordance with an ANNUAL inspection  
and has been found airworthy.

  
STAN SMITH A&P 419664385 IA

BROUGHT FORWARD

### ENGINE LOG

R P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
<b>NORTH ALABAMA AVIATION</b> P.O. BOX 70 TANNER AL. 35671				<b>NORTH ALABAMA AVIATION</b> P.O. BOX 70 TANNER AL. 35671			
Reg #: 1062W	Mk-Mod: Continental - IO-520-BA	EngTT: 4087.7		Reg #: 1062W	Make: Beech	Model: A 36	
Date: 08-05-2009	WO #: 2363	TSMO: 1344.6	Tach: 2518.6	Date: 08-18-2009	W/O #: 2363	Tach: 0.0	
Engine Annual inspection completed this date I/A/W FAR 43 App(D), using Beech and Continental service data as a guide. Engine compression as follows #1 62/80, #2 61/80, #3 64/80, #5 64/80, #6 62/80. Drained oil and removed filter. Cut open old filter and inspected, no contamination noted. Installed new filter P/N CH48109-1, and serviced engine with 12qts. Aeroshell W-100 oil. Installed qty. 12 new champion spark plugs P/N RHB32E. Torqued all rocker box cover screws. Engine run-up and leak check completed. No Leaks Noted. I certify that this engine has been inspected I/A/W an annual inspection, and has been found in an airworthy condition.				Replaced tachometer this date. Old tach reading 2518.6. New tach reading 0.0. Aircraft Total Time 4087.7. Removed tach P/N 36-380007-3. Old tach S/N 83-0057. Installed tach P/N D1-112-5025. S/N 22695. Installed FAA - PMA approved Nulite Instrument Light Ring P/N 11-02572. See 8130 for more details. Aircraft run up completed. Tachometer and all other systems function correctly. Ok for return to service this date.			
 Authorized Signature A & P 419664385 DA				 Authorized Signature 419664385 DA			
BROUGHT FORWARD							
TOTALS							

NORTH ALABAMA AVIATION  
P.O. BOX 70  
TANNER AL. 35671

Reg #: 1062W MK-MOD: Continental - IO-520-BA S/N: 280667-R  
Date: 09-10-2010 TT A/C: 4074.7 TSO: 1363.8 Tach: ~~2537.8~~ 19.2

Engine annual inspection completed this date, I/A /w FAR. 43 Appx D., using continental and beech manuals as a guide. Removed, cleaned, gapped, and tested spark plugs. Compression check as follows #1 68/80 #2 60/80 #3 61/80 #4 62/80 #5 62/80 #6 61/80. Reinstalled spark plugs. Drained engine oil and removed old oil filter. Opened old filter and inspection for contamination, None found. Installed new filter P/N Ch48109-1 and saftied. Serviced engine with 11 qts aeroshell 15w/50 oil. Checked magneto timing to engine. Ad's checked thru this date using latest revision 2010-17 see airframe entry. I certify that this engine has been inspected I/A/w an annual inspection and has been found in an airworthy condtion.

*Stan Smith*  
Stan Smith - 3473120 IA

NORTH ALABAMA AVIATION  
21390 FLIGHTLINE RD  
TANNER, AL 35671

N#: 1062W MK/MOD: TCM - IO-520-BA S/N: 280667-R  
Date: 12-02-2011 TACH: 27.0 AF TT: 4117.7 TSMO: 1285.6

**ENGINE ANNUAL INSPECTION COMPLETED THIS DATE I/A/W F.A.R 43 APPX D - USING MANUALS AND CHECKLIST AS A GUIDE. OPENED ENGINE COWLINGS. DRAINED ENGINE OIL AND REMOVED OLD OIL FILTER. OPENED AND INSPECTED OLD FILTER FOR CONTAMINATION. INSTALLED NEW FILTER P/N CH48109-1 AND SAFTIED. SERVICED ENGINE WITH 11 QTS AEROSHELL W80 ENGINE OIL. REMOVED SPARK PLUGS AND COMPLETED COMPRESSION CHECK WITH THE FOLLOWING RESULTS. #1 65/80 #2 61/80 #3 62/80 #4 62/80 #5 64/80 #6 60/80. REMOVED #1 ROCKER BOX COVER AND GASKET - REPLACED GASKET WITH NEW P/N 653191 AND REINSTALLED AND TORQED COVER. UNSPECTED ALL OIL AND FUEL LINES FOR LEAKS AND CONDION. CHECKED MAGNETO TIMING TO ENGINE. ADS CHECKED THRU THIS DATE**

**USING LATEST REVISION SEE AIRFRAME ENTRY FOR DETAILS. ENGINE RUN UP AND LEAK CHCECK COMPLETED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNAUL INSPECTION AND HAS BEEN FOUND IN AN AIRWORTHY CONDITON.**

*Stan Smith*  
STAN SMITH - 3473120 - IA

ENGINE IN NUMBER

NORTH ALABAMA AVIATION

256-306-9070

21390 Flightline Rd.

Tanner, AL 35671

Pryor Field Regional Airport

Tach: 37.2

Make: TCM

Model: IO-520-BA

S/N: 280667-R

TTAC: 4124.9

WO# 3190

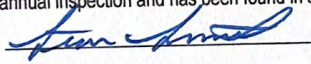
N#: 1062W

TSMO: 1295.8

Date: 2/9/2013

Engine annual inspection completed this date I/A/W F.A.R. 43 Appx. D - using TCM and Beech manuals as a guide. Drained engine oil and removed oil filter. Opened filter and inspected for contamination (none found.) Installed new oil filter P/N CH48109-1. Serviced engine with 11 qts Aeroshell W-100 engine oil. Removed spark plugs - cleaned, inspected, gapped, and tested. Performed engine compression test with the following results using 80 PSI as standard - #1 62/80 #2 60/80 #3 61/80 #4 60/80 #5 60/80 #6 62/80. Checked magneto timing to engine. Inspected all engine controls for security, defects, and correct travels and stops. Inspected all engine oil and fuel lines for defects, security, correct routing, and leaks. Torqued all intake clamps. Checked exhaust and intake systems for defects, leaks, and security.

Ads checked thru this date using latest revision see airframe entry for details. Run up and leak check performed. I certify that this engine has been inspected I/A/W an annual inspection and has been found in airworthy condition.



Stan Smith - 3473120 - IA

TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Hrs.	Min.			

ENGINE LOG



NORTH ALABAMA AVIATION

256-306-9070

21390 Flightline Rd.

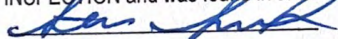
Tanner, Al 35671

Pryor Field Regional Airport

Tach: 47.5	Make: TCM	Model: IO-520-BA
S/N: 280667-R	TTAC: 4135.2	WO# 3463
N#: 1062W	TSMO: 1306.1	Date: 4/3/2014

Engine annual inspection completed this date I/A/W F.A.R. 43 Appx. D – using Beech and TCM manuals and checklist as a guide. Opened engine cowlings. Drained engine oil and removed oil filter. Opened oil filter and inspected for contamination (none found). Installed new filter P/N CH48109-1 and secured. Serviced engine with 10 Qts Aeroshell W 100. Removed spark plugs, inspected, cleaned, gapped, and tested plugs. Performed engine compression test using 80 PSI as standard with the following results #1 65 #2 60 #3 61 #4 62 #5 60 #6 60. Replaced oil dipstick gasket with new gasket. Checked magneto timing to engine. Inspected intake and exhaust system for leaks, cracks, and defects. Inspected engine accessories for security, correct installation, and condition. Checked engine controls for correct travels and stops, security, and proper

Routing. Lubricated controls as needed. Ads checked thru this date using latest revision see airframe entry for details. Run up and leak and system check completed. I certify that this engine has been inspected I/A/W an ANNUAL INSPECTION and was found in an airworthy condition at the time of this inspection.



Stan Smith – 3473120 – IA

## ENGINE LOG

DATE	G	Description	HOURS	TACH	OIL	FUEL	MIXTURE	RPM	REMARKS
		<p>Make: Continental Model: IO-520-BA s/n: 280667-R Reg No.N1062W SMOH 1310.4 Tach: 51.8 Date 02/01/2022</p> <ol style="list-style-type: none"> <li>1. Complied with annual inspection per FAR 43 appendix D. Used Beech A36 inspection checklist as revised.</li> <li>2. Drained oil. Replaced filter with new CH48109-1. Serviced with Aeroshell 100 mineral oil.</li> <li>3. Removed all cylinders. Sent to Certified Engines Unlimited CRS KG4R309M for repair.</li> <li>4. Reinstalled all cylinders after repair.</li> <li>5. Replaced two pushrods with new p/n 652451-8 and housings p/n 537296.</li> <li>6. Removed mixture control valve p/n 629904-2</li> <li>7. Installed overhauled mixture control valve p/n 629904-2 s/n H217834R.</li> <li>8. Adjusted fuel pump settings, idle mixture and rpm settings per SID97-3</li> </ol>							
<p><b>MAINTENANCE RELEASE / RETURN TO SERVICE</b></p> <p>I certify that this aircraft engine identified above was inspected in accordance with an annual inspection and was determined to be in an airworthy condition and is approved for return to service.</p>									
		<i>[Signature]</i>	<u>AA-23141797 JA</u>		<u>2/1/2022</u>				
BROUGHT FORWARD									
TOTALS									

LICENSE  
NUMBER