

TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

REBUILT ENGINE LOG

N9094Q R/E

AIRCRAFT NUMBER

I0520C8B

ENGINE MODEL NUMBER

287325-R

ENGINE SERIAL NUMBER

Date 12-17-09
WO # 9015
N- 9094 Q



(405) 495-0457
Fax (405) 495-9021

5508 N. Rockwell
Bethany, OK 73008 USA
Faa CRS# HX2R888K

Eng Type IO-520-C
S/N 287325-R
Time HM 2747.2

WARRANTY CERTIFICATE

D & B Aircraft Engines warrants the above listed engine, overhauled by D & B, to be free from defects in material and workmanship under normal use and service for a period of six months or 200 hours.

The obligation of D & B under this warranty is limited to the repair or replacement at D & B's option of any part, component or engine which, in the opinion of D & B, is defective. D & B must be informed of problems and authorize work at any facility other than D & B before warranty will be honored.

This warranty shall not apply to engines, component parts or accessories which have been properly installed, adjusted, stored, handled, repaired, altered or operated contrary to current manufacturers recommendation, service letters and bulletins, FAA Airworthiness Directives or subject to misuse, neglect or accident.

Warranty will not be granted for removal or installation of engines, components or accessories, or for normally required maintenance functions. Loss of revenue or use of aircraft claims will not be allowed.

This warranty is expressly in lieu of all other warranties and representations expressed or implied and all other obligations and liabilities, either direct or consequential, on the part of D & B Aircraft Engines.

[Signature]
O.V. Shoun

D & B Aircraft Engines

TELEDYNE CONTINENTAL MOTORS
Aircraft Products

P. O. Box 90 • Mobile, Alabama 36601

212.0 Hrs. 272.0 Hrs.

Date: 11/16/08

Date: _____

**REPLACEMENT: 200 Hrs. recommended (for extended
Pneumatic System Life and 500 Hrs. mandatory compliance
per recommended hold time maintenance manual)**

This engine model 10520C8B, Serial No. 287325-R, was rebuilt/zero timed on 10/24/94 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
M66-6	72-24-03	REPLACED WITH NEW PART	M91-7	N/A	ULTRASONIC INSPECTION OF BARREL
M70-10	70-14-07	REPLACED WITH NEW PART	N/A	91-19-03	REPLACED OIL FILTER
M77-14	77-13-22	REPLACED WITH NEW PART	M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED
M79-2	79-05-09	REPLACED WITH NEW PART	M92-13	N/A	REPLACED WITH NEW PART
M80-26	81-24-06	TORQUE CHECK	M92-16	N/A	CRANKSHAFT REPLACED
M87-5	87-23-08	ULTRASONIC INSPECTION OF C/SHAFT	M93-9	93-16-15	PROPER SHAFT & COUPLING INSTALLED
M86-7	86-13-04	REPLACED WITH NEW PART	MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
M88-4	88-03-06	REPLACED WITH NEW PART	CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
M90-21	N/A	ULTRASONIC INSPECTION OF BARREL			
M91-6	N/A	ULTRASONIC INSPECTION OF BARREL	N/A	94-14-12	N/A

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

Dennis Stewart

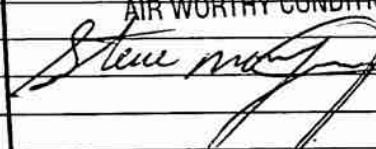
ENGINE LOG

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.			
12-15-02	Hobbs		2	60	15						This engine has been inspected and was found to be airworthy for maintenance ferry flight from Hinton, Ok. to Boise City, Ok.	<i>[Signature]</i>	AV 2727809
9-3-03	Hobbs		2	60	2						Compression test #1 2 1/2 #2 2 3/8 #3 2 1/4 #4 2 1/2 #5 2 1/8 #6 2 1/8 Changed oil & filters. Serviced with Phillips X/c 20 W 50. Cleaned air filter. Replaced EGT probe. Cleaned injectors. Replaced vacuum filter on rear baffling. Repaired alternate air door arm. Removed prop & replaced propeller spinner bulkhead. Replaced prop O-ring. Washed and test ran engine for proper operation.	<i>[Signature]</i>	AV 2727809
BROUGHT FORWARD													
TOTALS													

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION


[Signature] AV 2727809 IA

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.			
4-19-06	A	0665	2	6	38.5						Compression test #1 75/80 #2 76/80 #3 75/80 #4 74/80 #5 75/80 #6 74/80. Changed oil & filter. Serviced with Phillips X/C. Cleaned and gapped spark plugs. Replaced alternator. Replaced throttle arm belt.		
											THIS ENGINE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ENGINE 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION		
													
BROUGHT FORWARD													
TOTALS													

ASP 2727809

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.				
10/16/08			This Eng. Has been inspected and was found to be safe for flight in accordance with General Flight Permit dated Oct. 14, 2008											
											JA 3122712AP			
BROUGHT FORWARD														
TOTALS														

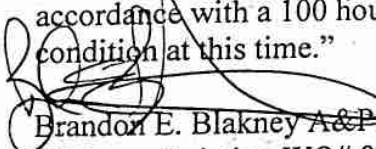
ENGINE LOG

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.			
<p><i>Associated Aero Service Inc</i></p> <p>P. O. Box 1310 • Bethany, OK 73008 • (405) 789-5474 • FAA CRS SSWR186K</p> <p>Beech 58 TH-107 N9094Q 06/02/2010</p> <p>Right Hand Engine SN: 287325-R ACTT: 6947.6 Engine TT: 445.3 TSMOH -0-</p> <p>Engine serviced with aeroshell 40 weight N.D. oil, new flex hoses installed by D&B at overhaul. Installed new B3-5-1 inlet filter, installed new air filter element BA-6205. Cleaned engine fuel screen and reinstalled. All cyl. compression checked above 70/80. Engine ground ran, operation checked normal, no oil or fuel leaks. This engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. See airframe entry dated 06/02/2010.</p> <p style="text-align: center; font-size: 2em;">END</p> <p>Robert D. Hebenstreit A&P 3355961 IA</p> 													
BROUGHT FO													
TOTALS													

ENGINE LOG

BLAKNEY AVIATION, INC. — WILEY POST AIRPORT — BETHANY, OK 73008

Visually inspected engine area. All appears satisfactory. Cleaned, gapped, and tested all spark plugs and replaced copper washers. Visually inspected exhaust system, fuel & oil hoses, engine rubber mounts and firewall. All appears satisfactory at this time. See AD list for one time and recurring AD's. "I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition at this time."


Brandon E. Blakney A&P-3228297
Blakney Aviation WO# 9492

Right Engine Log

Continental IO-520-C S/N 287325-R

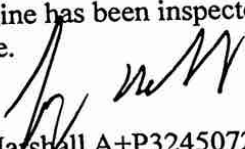
5/14/11 Hobbs 2930.5 Drained oil and replaced with 12 qts. Phillips 20w/50. Removed and replaced oil filter with Champion CH48109. Test ran and leak checked-no leaks detected.


Jerry Marshall A-P3245072

DATE

BROUGHT

ATURE LICENSE
NUMBER

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.			
Right Engine Log													
TCM IO-520-C S/N 287325-R													
6/21/2015 Hobbs 3360.0 612.7SMOH.100hr.inspection completed this date IAW FAR 43 Appendix													
D.Drained oil and replaced with 11 qts.Aeroshell 100.Replaced oil filter with Champion													
CH48109.Replaced #5 cylinder assembly with overhauled item[see													
maint.release].Cleaned,gapped,tested and rotated spark plugs.Cleaned fuel screen and nozzles.Checked													
compression per TCM SB03-3 and determined to be acceptable.Test ran and leak checked.I certify that													
this engine has been inspected IAW a 100hr.inspection and was determined to be in airworthy condition													
this date.													
													
Jerry Marshall A+P3245072													
BROUGHT FORWARD													
TOTALS													

ATF

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.			

Right Engine Log: Continental IO-520-C **N9094Q** **S/N: 287235-R** **May 8, 2017**
Hobbs: 3443.1 **ETT: 1141.1** **TSOH: 695.8** **ACTT: 7643.4**

Complied with annual inspection in accordance with Beechcraft 58 Maintenance Manual and FAR 43 Appendix D. Compressions are as follows: #1 62/80, #2 62/80, #3 71/80, #4 75/80, #5 72/80, #6 74/80. Removed spark plugs; inspected, cleaned, gapped, and reinstalled. Changed engine oil and filter; replaced filter with new P/N AA48108-2 and serviced engine with 11 qts. Phillips X/C 20W-50. Checked magneto to engine timing. Performed engine run and leak check, none noted. Checked all applicable and recurrent AD's through this date. See logbooks for updated AD compliance list. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition for return to service at this ACTT and date.

BY: Total Aircraft Services, Inc.
 17910 Airfield Lane
 Pearland, TX. 77581





 Kirk B. Taylor IA 3525486

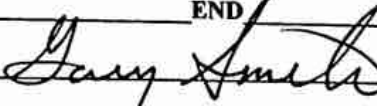
N9094Q **08-18-2017** **ETT: 1208.6** **TSMOH: 763.3**
S/N TH-107 **AFTT: 7710.9** **Hobbs: 3510.6**
IO-520-CB **S/N 287325-R**

Changed engine oil and filter using 10 qts of Phillips 20W50 X/C Aviation oil and Champion oil filter CH48109-1.
 Installed 1 ea. bottle CamGuard.
 Performed leak check. No leaks noted.



I certify that this airframe is airworthy and is determined to be in airworthy condition and is approved for return to service.

BROUG

 Philippe W Barker ATP 2493415

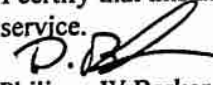

ENGINE LOG

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.			
<p>IO-520-CB S/N 287325-R 11-1-2017 AFTT: 7716.8 ETT: 1214.5 TSMOH: 769.2</p> <p>Removed 6 ea. Continental fuel nozzles P/N 627335D13A from R/H engine and installed General Aviation Modifications Inc. GAMjectors kit No. GAD13A S/N 26769 under STC SE09217SC PMA No. PQ821SW per GAMjectors Installation Procedure No. IP-96-001 (Rev 005) dated 10/11/2002. Installed flight manual supplement in aircraft flight manual. Installed 6ea. Injector I.D. tags on fuel injector lines and 6 ea. I.D. placards on rocker box covers. Reference form 337 dated 10/28/2017 for detailed description of installation and ICA. Performed satisfactory engine ground run I/A/W Continental SID97-3C. Engine gauges and performance normal with no leaks noted. No change in weight and balance.</p> <p>I certify this engine has been inspected and has been determined to be in airworthy condition.</p> <p style="text-align: center;">END</p> <p>Gary Smith A&P 3116284 IA </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.				
											Right Engine Log: Continental IO-520-C Hobbs: 3550.6	N9094Q ETT: 1248.6	S/N: 287235-R TSOH: 803.3	February 8, 2018 ACTT: 7750.9
<p>Changed engine oil and filter; replaced filter with new P/N AA48108-2 and serviced engine with 11 qts. Phillips X/C 20W-50 and CamGuard. Removed and replaced starter adaptor P/N: 642083-A2, S/N: CAM17-210 after overhaul by Niagara Airparts. See work order 17-210 for work performed. Removed and replaced starter with new M/N: C24ST5, S/N: 4C5-011502. Performed engine run and leak check, none noted.</p>														
<p>BY: <i>Total Aircraft Services, Inc.</i> 17910 Airfield Lane Pearland, TX. 77581</p>													 Timothy M. Olsen AP 3584136 IA	
BROUGHT FORWARD														
TOTALS														

ENGINE LOG

DATE					LICENSE NUMBER
	N9094Q S/N TH-107 IO-520-CB	08-04-2018 AFTT: 7851.6 S/N 287325-R	ETT: 1349.3 Hobbs: 3651.3	TSMOH: 904.0	
	Changed engine oil and filter using 10 qts of Phillips 20W50 X/C Aviation oil and Champion oil filter CH48109-1. Installed 1 ea. bottle CamGuard. Performed leak check. No leaks noted. I certify that this airframe is airworthy and is determined to be in airworthy condition and is approved for return to service.				
	 Philippe W Barker ATP 2493415				
	N9094Q S/N TH-107 IO-520-CB	02-14-2019 AFTT: 7909.0 S/N 287325-R	ETT: 1406.7 Hobbs: 3708.7	TSMOH: 961.4	
	Changed engine oil and filter using 10 qts of Phillips 20W50 X/C Aviation oil and Tempest oil filter AA48108-2. Installed 1 ea. bottle CamGuard. Performed leak check. No leaks noted. I certify that this airframe is airworthy and is determined to be in airworthy condition and is approved for return to service.				
	 Philippe W Barker ATP 2493415				
BROUGHT FC					
TC					

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER														
	Ground	Air																				
						Right Engine Log Entry																
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REG #</td> <td style="width: 20%;">N9094Q</td> <td style="width: 10%;">Date</td> <td style="width: 10%;">8/11/19</td> <td style="width: 10%;"></td> <td style="width: 10%;">Serial#</td> <td style="width: 10%;">TH-107</td> </tr> <tr> <td>MFG</td> <td>Beech</td> <td>Model</td> <td>58</td> <td>TTSOH</td> <td>988</td> <td></td> </tr> </table>	REG #	N9094Q	Date	8/11/19		Serial#	TH-107	MFG	Beech	Model	58	TTSOH	988			
REG #	N9094Q	Date	8/11/19		Serial#	TH-107																
MFG	Beech	Model	58	TTSOH	988																	
						<p>Compiled with an annual inspection IAW FAR 43 referencing Beech 58 MM Performed compression check CYL# 1 32/80, #2 76/80, #3 38/80, #4 68/80, #5 64/80, #6 5856/80. Drains oil, add 11 QTS Phillips 20W50 engine oil. Cut open old oil filter for inspection, found no defects at this time. installed new oil filter P/N CH48108-1. Installed 6 new spark plugs. Installed new oil drain P/N S6250. Installed 2 new Millennium cylinders P/N SA52006-A20P in the number 1 and 3 position. Performed compression check CYL #1 76-80, #3 76/80. <i>I certify that this ENGINE has been inspected IAW an annual inspection and was found to be in airworthy condition.</i></p>																
						Brian Welling <i>Brian Welling</i> A/P 3692260 IA.																
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.			

wo: 14621

Engine R - page 1 of 1



Total Aircraft Services INC. · 17910 AIRFIELD LN · PEARLAND, Texas 77581-6295 · 281-993-1150

N9094Q
Hobbs: 3769.1

TCM, IO-520-C, S/N: 287325-R
TTSN: 1467.1 SMOH: 1021.8

February 10, 2020

1. Changed oil/filter and collected soap sample. Installed (1) CH48108-1 - Champion Oil Filter, Installed (11) Phillips X/C 20W50 (QT) - Oil.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Total Aircraft Services INC. under work order: 14621.

Riley Harris A&P Pending

BROUGHT

ENGINE LOG

R. P.

wo: 14946

Engine R - page 1 of 1

DATE

Ground

LICENSE
NUMBER



Total Aircraft Services INC. · 17910 AIRFIELD LN · PEARLAND, Texas 77581-6295 · 281-993-1150

N9094Q
hobbs: 3857.5

TCM, IO-520-C, S/N: 287325-R
TTSN: 1555.5 SMOH: 1110.2

October 21, 2020

1. R&R fuel pump P/N 646212-2 S/N I039402BR. For overhaul by Aircraft Carburetor and Injection Service of Texas W/O 8526
2. Installed (3) Phillips X/C 20W50 (QT) - Oil.
3. Set up fuel system in accordance with SID97-3G

With respect to the work performed, this engine r is approved for return to service. Details of work performed are on file with Total Aircraft Services INC. under work order: 14946.

Kyle Taylor A&P 3795044

BROUGHT FORWARD
TOTALS

ENGINE LOG

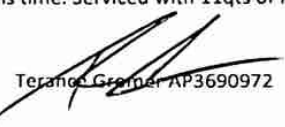
DATE

Tango Charlie Aviation LLC

3093 Mitchell Drive Malden Mo 63863 (573) 281-2227
Engine Right
Continental IO-520-C
Hobbs: 3916.5
TSMOH:

This date drained engine oil, removed oil filter, cut filter and inspected for metal, none noted at this time. Serviced with 11qts of Phillips 20w50 oil. Installed Tempest oil filter part# AA48108-2. Washed and ground ran engine, no leaks noted.

N9094Q
S/N: 287325-R
Date: 2/26/2021
Total Time:


Terance Gromer AP3690972

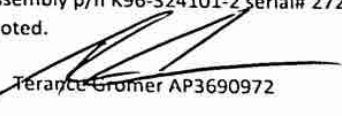
LICENSE NUMBER

Tango Charlie Aviation LLC

3093 Mitchell Drive Malden Mo 63863 (573) 281-2227
Engine Right
Continental IO-520-C
Hobbs: 3933.2
TSMOH:

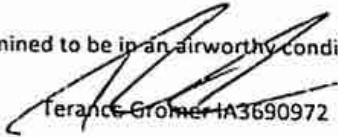
This date removed cowling to removed right hand outboard stack assembly. Installed new stack assembly p/n K96-324101-2 serial# 272975, installed exhaust with new exhaust gaskets p/n628260. Washed and ground ran engine, no leaks noted.

N9094Q
S/N: 287325-R
Date: 4/13/2021
Total Time:


Terance Gromer AP3690972

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.			
	<p>Tango Charlie Aviation LLC 3093 Mitchell Drive Malden Mo 63863 (573) 281-2227 Engine Right Continental IO-520-C Hobbs: 0.0 TSMOH: 1223.0</p> <p style="text-align: right;">N9094Q S/N: 287325-R Date: 1/2/2023 Total Time: 1668.3</p> <p>This date performed annual inspection per Beech maintenance manual inspection guide. Drained oil and inspected oil filter, no metal found, installed new AA48108-2 oil filter and serviced with 11qts of Phillips 20w50 oil. Completed compression check #1(58/80) #2(58/80) #3(53/80) #4(62/80) #5(50/80) #6(62/80). Checked mag timing, cleaned, gapped, and rotated spark plugs. Installed new BA-6205 air filter element. Washed and ground run engine no leaks noted.</p> <p>I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> Terance Groome IA3690972</p>												
	<p>WIGHT FORWARD</p> <p>TOTALS</p>												

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.			
	<p>Tango Charlie Aviation LLC 3093 Mitchell Drive Malden Mo 63863 (573) 281-2227 Engine Right Continental IO-520-C Hobbs: 29.3 TSMOH: 1252.30</p> <p style="text-align: right;"> N9094Q S/N: 287325-R Date: 3/13/2024 Total Time: 1697.6 </p> <p>This date performed annual inspection per Beech maintenance manual inspection guide. Drained oil and inspected oil filter, no metal found, installed new AA48108-2 oil filter and serviced with 11qts of Phillips 20w50 oil. Completed compression check #1(58/80) #2(48/80) #3(69/80) #4(50/80) #5(68/80) #6(50/80). Checked mag timing, cleaned, gapped, and rotated spark plugs. Installed new BA-6205 air filter element. Washed and ground run engine no leaks noted.</p> <p>I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"><i>Terance Grober</i> A3690972</p>												
	<p>BROUGHT FORWARD</p>												
	<p>TOTALS</p>												