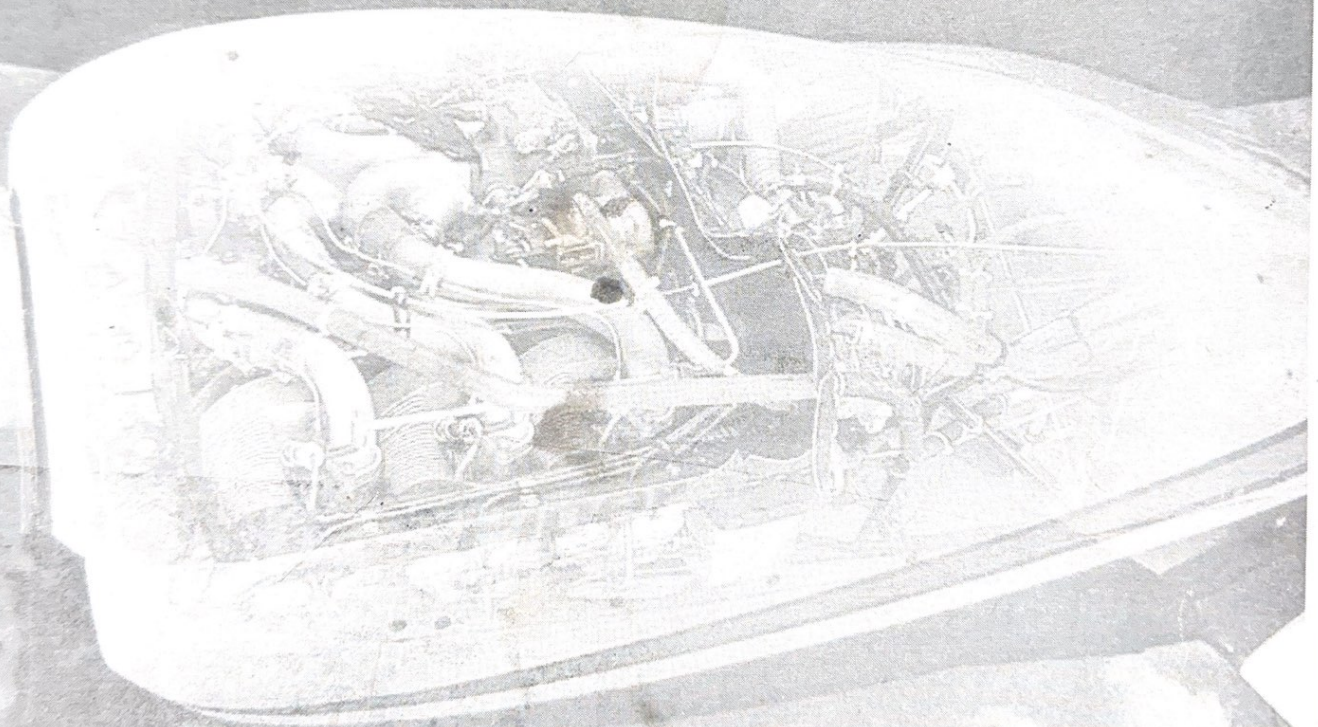


N5634Q
L.H. POSITION

ENGINE LOG BOOK



CONTINENTAL MOTORS

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**

This engine model I0550C8, Serial No. 824290-R, was rebuilt/zero timed on 09/18/2001 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.

This engine model			Serial Number		
SB	AD	REMARKS	SB	AD	REMARKS
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 BARRELS	N/A	94-14-12	N/A
M91-6	N/A	ULTRASONIC INSPECTION OF BARRELS	MSB94-9	95-03-14	N/A SERIAL NUMBER
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED	CSB94-15	N/A	CRANKCASE STUD INSPECTION
M92-13	N/A	REPLACED WITH NEW PART	N/A	95-21-15	N/A SERIAL NUMBER
M92-14	N/A	VISUAL INSPECTION	MSB95-6	N/A	FUEL SYSTEMS
M91-7	N/A	ULTRASONIC INSPECTION OF BARRELS	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
N/A	91-19-03	REPLACED OIL FILTER	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
M93-9	93-16-15	PROPER SHAFT & COUPLING INSTALLED	CSB98-1	N/A	INTAKE AND EXHAUST VALVE INSPECTION

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

Sheet 1 of 2
Continued on back cover

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
12-17-01	H.M.	2491.2	1:00		INSTALLED ENGINE L.H. POSITION
B-58	N5634Q	S.N. 1598			REPL ALL FLUID CARRYING
					HOSES, LARD MOUNTS, ENGINE MOUNT BOLTS AND NUTS
					REPL PNEUMATIC PUMP, AIRBORNE 442CW-12, S.N. 5A493
					AND NEW PNEUMATIC FILTERS. PROP GOV D/H BY QUALITY
					AIRCRAFT ACCY CRS QY1R334Y. REPL EXHAUST HANGER
					BRACKETS AND HARDWARE AS NECESSARY. REPAIRED
					BAFFLES AS NECESSARY. ADDED 11 QTS AEROSHELL
					MINERAL OIL. RAN UP - NO LEAKS. CHECKED FUEL
					FLOWS IAW TCM SID 97-3. ALL POWER AND ENGINE
					READINGS NORMAL. Jonathan E. Larmer A4P378462799



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 3-11-02
Work Order: 2796
N5634Q
Total Time:
Tach Time: 2523.6 L/H Eng.

Changed Oil Aeroshell 15W50, Changed Oil Filter CH48108, Washed Engine & Checked For Leaks.

Authorized Signature Richard Larmer



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 4-18-02
Work Order: 2880
N5634Q
Total Time:
Tach Time: 2563.0 L/H

Changed Oil Aeroshell-15W50, Changed Oil Filter CH48108, Cleaned Induction Air Filter, Washed Engine & Checked For Leaks.

Authorized Signature Richard Larmer



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 6-7-02
Work Order: 2977
N5634Q
Total Time:
Tach Time: 2597.8 L/H Eng

Changed Oil Aeroshell 15W50, Changed Oil Filter CH48108, Cleaned Induction Air Filter, Washed Engine & Checked For Leaks.

Authorized Signature Richard Larmer



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 9-7-02
Work Order: 3153
N5634Q
Total Time:
Tach Time: 2644.4 L/H Eng

Brought

Changed Oil Aeroshell 15W50, Changed Oil Filter, CH48108, Washed Engine & Checked For Leaks.

Authorized Signature

Richard Lowry



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 11-6-02
Work Order: 3267
N5634Q
Total Time:
Tach Time: 2678.6 L/H Eng.

Changed Oil Aeroshell 15W50, Changed Oil Filter CH48108, Cleaned Induction Air Filter Washed Engine & Checked For Leaks.

Authorized Signature

Richard Lowry



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 1-13-03
Work Order: 3393
N5634Q
Total Time: 252.1
Tach Time: 2743.3 L/H Eng

Completed a 100hr inspection with reference to Beech Service Manual P/N 55-590000-13E19 and Inspection Guide. Checked comp #1 70/80 #2 74/80 #3 72/80 #4 74/80 #5 74/80 #6 73/80. Cleaned, gapped, and checked all sparkplugs, inspected mags, points, condensor, etc. Checked mag timing, cleaned all injectors and finger screen, changed oil Aeroshell 15W50, changed oil filter CH48108. Cleaned induction air filter, washed engine and checked for leaks.

I certify that this engine has been inspected in accordance with a 100hr. inspection and was determined to be in airworthy condition.

Richard Lowry

Authorized Signature



One of the Dillon Companies


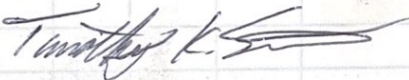

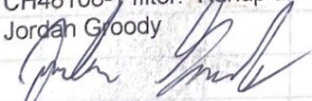
WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2RO43L

Date: 4-22-03
Work Order: 3581
N5634Q
Total Time:
Tach Time: 2802.6 L/H Eng

Changed Oil Aeroshell 15W50, Changed Oil Filter CH48108, Cleaned Induction Air Filter Washed Engine & Checked For Leaks.

Authorized Signature

Richard Lowry

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
JUNE 20, 2003	TACH/METER 2944.7				CHANGED OIL & FILTER USING 12 QTS AEROSHELL 15W50 & CH48108 FILTER. RUN-UP & LEAK CHECK GOOD. <i>Jordan Groody</i> AIP 556970478
 <p> GREGG AIRCRAFT SERVICES, INC. RT. 3, EAST TEXAS REGIONAL AIRPORT LONGVIEW, TX 75603 903-643-0980 </p>					
LEFT ENGINE					
N5634Q	8-14-03		HOBBS: 2887.7		
Changed oil and filter. Serviced engine with 12 quarts Aeroshell 15W50 and CH48108 filter. Cleaned #2 cylinder fuel injector and reinstalled. Runup and leak check good. Timothy K. Stroman					
					
A&P466594753					
 <p> GREGG AIRCRAFT SERVICES, INC. RT. 3, EAST TEXAS REGIONAL AIRPORT LONGVIEW, TX 75603 903-643-0980 </p>					
LEFT ENGINE					
N5634Q	11-5-03		HR. MTR.: 2927.9		
Oil and filter changed. 12 quarts Aeroshell 15W50 and CH48108-1 filter. Runup and leak check good. Jordan Groody					
					
A&P556970478					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brou



One of the Dillon Companies

WELLS AIRCRAFT, INC.
P.O. BOX 858
MUNICIPAL AIRPORT
HUTCHINSON, KS 67504-0858
CRS NT2R043L

Date: 2-9-04
Work Order: 4300
N5634Q
Total Time: 475.8
Tach Time: 2967.0 L/H Engine

Completed A 100hr Inspection With Reference To Beech Shop Manual Pn. 55-590000-13E20 And Inspection Guide. Checked Comp. #1 66/80 #2 51/80 #3 72/80 #4 67/80 #5 75/80 #6 75/80. Installed All New Spark-plugs, RHB32E, Inspected Mag Points, Condensor Etc. & Checked Mag Timing. Cleaned All Injector Nozzles And Cleaned Finger Screen. Removed #2 Cyl And Had Repaired By Midwest Aircraft Services And Reinstalled Using All New Seals And Gaskets. Changed Oil Phillips 20W50 Type M, Changed Oil Filter CH48108, C/W AD 84-26-02 eff. 1-29-85 By Installation Of New Induction Air Filter Pn. 96-389005-1, (Replace In 500hr's), Washed Engine And Checked For Leaks. I Certify That This Engine Has Been Inspected In Accordance With A 100hr Inspection And Was Determined To Be In Airworthy Condition.

Authorized Signature

Richard Laurus

10-6-04 Hobbs 3007.2 oil changed with A/S 15W-50

Scott Richter A&P 454319307

2-10-05 Hobbs 3045.0 oil changed with A/S 15W-50. Filter cut for inspection. *Scott Richter* A&P 454319307

2-22-2005 HOBBS 3046.7 ENGINE TT 555.5
OIL NOT CHANGED AT THIS TIME. REPLACED EXHAUST HANGER BRACKETS INBOARD AND OUTBOARD. REPLACED OIL CAP SEAL. SEE AD LISTING FOR COMPLETE SIGNOFFS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SCOTT RICHTER
SR AVIATION INC.

Scott Richter
A&P454319307IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward		→			

220 Stearman Drive
Georgetown, TX 78625
(512) 763-1947 Metro
(512) 864-7655 Fax

SR AVIATION, INC.

General Aviation Repair

Just ask for SCOTT



2005	DATE 9-15 TACH 3117.3	AFTT	ENG TT	PROPTT
------	-----------------------	------	--------	--------

Oil change Avroshul 50wt plus
Filter cut for inspection.

[Signature] A&P454319307

12-02-2005 HOBBS 3153.4

OIL CHANGED WITH AS 50 WT PLUS. FILTER CUT FOR INSPECTION. SEE AD LISTING FOR COMPLETE SIGNOFFS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ~~ANNUAL~~ INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SCOTT RICHTER
SR AVIATION INC.

[Signature]

A&P454319307IA

1-20-06 Hobbs 3190.0 Oil changed with AS 50wt Plus. Filter cut for inspection.

[Signature]
A&P454319307

3-6-2006 HOBBS 3199.8

OIL CHANGED WITH AS 50 WT PLUS. FILTER CUT FOR INSPECTION. SEE AD LISTING FOR COMPLETE SIGNOFFS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SCOTT RICHTER

[Signature]

A&P454319307IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
5-15-06	Hobbs		3225.3		oil changed with A/S 100 plus Filter cut for inspection. Man A/P 312119
<p>9-21-2006 hobbs 3263.3 OIL CHANGED WITH AS 50WT. PLUS. FILTER CUT FOR INSPECTION. ENGINE WAS WASHED, RUNUP AND LEAK CHECKED SATISFACTORY. SCOTT RICHTER <i>[Signature]</i> A&P454319307</p>					
TSMOH	→		772.3		
1018-06	N5634Q		TACH: 3263.5		L. ENGINE TSMOH: 772.5
<p>CUT FILTER OPEN, NO METAL PRESENT. REPLACED WITH CH48108-1 OIL FILTER. REPLACED 12 EA. RHB32E SPARK PLUGS. REMOVED HOUR METER WITH READING 3263.5. INSTALLED NEW HOUR WITH READING 0.0</p> <p>M.H. Bowering <i>[Signature]</i> A&P 1707558</p> <p>Buddy's Aircraft Service Inc. 7504 Old Canton Road Madison Ms 39110</p>					
1-4-07	N5634Q		HOBBS: 20.5		L. ENGINE
<p>DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL FILTER. GROUND RUN, NO LEAKS NOTED.</p> <p>M.H. Bowering <i>[Signature]</i> M. H. BOWERING A & P 1707558</p> <p>BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought For					L. Engine TSMOH: 836.1
Date	5634 Q N 4-5-07		TACH	HOBBS	0063.8
<p>Charged oil with 10 qts. Phillips 20W50 XC oil. Replaced CH48108-1 oil filter Comp.ck. #1-59 #2-50 #3-50 #4-48 #5-62 #6-67. Adjusted mag timing. Checked ind. and exhaust system. Replaced air filter p.n. P128167-016-198. Replaced A/C Comp. mount bolts. Replaced EGT probe p.n. 86245. C/W AD 84-26-02, replacing air filter due each 500 hours.</p>					
<p>This aircraft has been inspected in accordance with 100hr inspection as outlined in Appendix D of FAR part 43 and 100hr inspection guide and was considered to be in an airworthy condition at this time.</p>					
<p>Buddy's Aircraft Service, Inc. 7504 Old Canton Road Madison, MS 39110</p>					<p>601-856-5020 phone 601-856-7671 Fax</p>
<p>M. H. Bowering AP 1707558 IA</p>					
<p>N5634Q 5-21-07 HOBBS: 115.5 L. ENGINE</p>					
<p>DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS 20 W 50 OIL. REPLACED CH48108-1 OIL FILTER. GROUND RUN NO LEAKS NOTED. ADJUSTED FUEL FLOW.</p>					
<p>M. H. BOWERING A & P 1707558</p>					
<p>BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110 601-856-5020</p>					
<p>N5634Q 7-23-07 HOBBS: 169.6 LT. ENG.</p>					
<p>DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS XC 20W50 OIL. REPLACED CH48108-1 OIL FILTER. CLEANED SPARK PLUGS. GROUND RUN, NO LEAKS NOTED. RETURNED TO SERVICE.</p>					
<p>M. H. Bowering M.H. BOWERING A&P 1707558 IA</p>					
<p>BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

N5634Q 11-2-07 HOBBS: 218.7 L. ENGINE
 DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED
 ENGINE WITH 10 QTS. PHILLIPS XC 20 W 50 OIL. REPLACED CH48108-1 OIL
 FILTER. GROUND RUN, NO LEAKS NOTED.

M.H. BOWERING
M.H. Bowering
 A&P 1707558 IA

BUDDY'S AIRCRAFT SERVICE INC.
 7504 OLD CANTON ROAD
 MADISON MS 39110

N5634Q 2-12-08 HOBBS: 268.7 L. ENGINE
 DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED
 ENGINE WITH 10 QTS. PHILLIPS XC 20 W 50 OIL. ADDED 2 PTS AV BLEND.
 REPLACED CH48108-1 OIL FILTER. GROUND RUN, NO LEAKS NOTED.


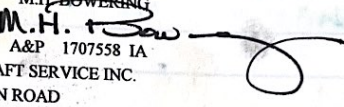
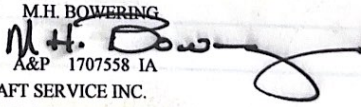
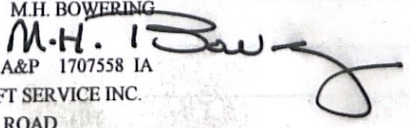
M.H. BOWERING
M.H. Bowering
 A&P 1707558 IA

BUDDY'S AIRCRAFT SERVICE INC.
 7504 OLD CANTON ROAD
 MADISON MS 39110

N5634Q 2-18-08 HOBBS: 274.1
 REMOVED VACUUM PUMP S/N 11514, INSTALLED VACUUM PUMP P.N. 442CW-12
 S/N 57168. FUNCTION CHECK AND RETURNED TO SERVICE.

M.H. BOWERING
M.H. Bowering
 A&P 1707558 IA

BUDDY'S AIRCRAFT SERVICE INC.
 7504 OLD CANTON ROAD
 MADISON MS 39110

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					N5634Q 8-14-08 HOBBS: 422.2 LT. ENGINE DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL FILTER. COMP. CK. #1-41 #2-78 #3-53 #4-78 #5-60 #6-48. GROUND RUN NO LEAKS NOTED. <div style="text-align: center;"> M.H. BOWERING  A&P 1707558 IA BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110 </div>
					N5634Q 10-21-08 TACH: 471.6 DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL FILTER. GROUND RUN, NO LEAKS NOTED. <div style="text-align: center;"> M.H. BOWERING  A&P 1707558 IA BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110 </div>
					N5634Q 1-7-09 TACH: 503.4 REMOVED LEFT MAGNETO ON LEFT ENGINE S/N 01071578 AND INSTALLED NEW LEFT MAG P.N. 6310 S/N 08112117. CLEANED AND TESTED SPARK PLUGS. CLEANED FUEL INJECTORS. INSTALLED STATIC WICK, RIGHT WING TIP. LUBED FLAP SWITCHES. ADJUSTED AFT CABIN DOOR. AIRCRAFT RETURNED TO SERVICE. INSTALLED ROSEN SUNVISORS P.N. RBB-300-1A. <div style="text-align: center;"> M.H. BOWERING  A&P 1707558 IA BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110 </div>
					N5634Q 2-13-09 HOBBS: 522.8 DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL FILTER. GROUND RUN, NO LEAKS NOTED. RETURNED TO SERVICE. <div style="text-align: center;"> M.H. BOWERING  A&P 1707558 IA BUDDY'S AIRCRAFT SERVICE INC. 7504 OLD CANTON ROAD MADISON MS 39110 </div>

Date N5634Q 4-27-09 HOBBS: 576.7
DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED
ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL
FILTER. GROUND RUN, NO LEAKS NOTED.

Brought Forw

M.H. BOWERING

A&P 1707558 1A

BUDDY'S AIRCRAFT SERVICE INC.
7504 OLD CANTON ROAD
MADISON MS 39110

and Maintenance Record

orthiness Directives, Special Inspections,
tins

N5634Q 6-4-09 TSMOH:1373.4 TACH: 601.1 LENG.
REMOVED AND REPLACED 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1
OIL FILTER. COMP. CK. #1-66 #2-70 #3-62 #4-80 #5-63 #6-70. CHECKED MAG
TIMING. CHECKED EXH. AND IND. SYSTEM. REPLACED 12 EA. URHB-32E SPARK
PUGS. REPLACED ENGINE AIR FILTER P.N. P128167. C/W AD 84-26-02 ON FILTER.
REPLACED POINTS AND CONDENSORS, RIGHT MAG, REPLACED STARTER ADPT.
642083A12. REPLACED ALT. GASKET.

THIS ENGINE HAS BEEN INSPECTED I/AW 100 HOUR INSPECTION AS OUTLINED
IN APPENDIX D OF FAR PART 43 AND CESSNA INSPECTION GUIDE AND WAS
CONSIDERED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

Buddy's Aircraft Service Inc.
7504 Old Canton Road
Madison Ms 39110
601-856-5020

M.H. Bowering

A&P 17075581A

N5634Q 9-4-09 HOBBS: 0649.7
DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT, FILLED
ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL
FILTER. GROUND RUN AND CHECKED FOR LEAKS.

M.H. BOWERING

A&P 1707558 1A

BUDDY'S AIRCRAFT SERVICE INC.
7504 OLD CANTON ROAD
MADISON MS 39110

N5634Q 12-23-09 HOBBS: 699.3
DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED
ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1
OIL FILTER. GROUND RUN, NO LEAKS NOTED.

M.H. BOWERING

A&P 1707558 1A

BUDDY'S AIRCRAFT SERVICE INC.
7504 OLD CANTON ROAD
MADISON MS 39110

N5634Q 3-31-10 TACH: 738.7
DRAINED ENGINE OIL, CUT FILTER OPEN, NO METAL PRESENT. FILLED
ENGINE WITH 10 QTS. PHILLIPS 20 W 50 XC OIL. REPLACED CH48108-1 OIL FILTER.
REMOVED #1 CYLINDER, INSTALLED IO-550 OVERHAULED CYLINDER S/N 95232.
GROUND RUN AND CHECKED FOR LEAKS.

M.H. BOWERING

A&P 1707558 1A

BUDDY'S AIRCRAFT SERVICE INC.
7504 OLD CANTON ROAD
MADISON MS 39110

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

JACOBS AIRCRAFT COMPANY/ JACKSON, MS
531 TERMINAL DRIVE 39209 / 601-948-1601

5
N5634Q 1-14-10 LEFT ENGINE LOGBOOK ENTRY HOUR METER 755.0

Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 10qts. Phillips 20-50 XC oil. Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578

David Cox

JACOBS AIRCRAFT COMPANY / JACKSON, MS.
530 TERMINAL DRIVE 39209 / 601 948 1601

N5634Q LEFT ENGINE LOGBOOK ENTRY 7-1-10 HOUR METER 790.6
ENGINE TOTAL TIME IN SERVICE 1562.9

Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)76/80 (2)76/80 (3) 52/80 (4) 74/80 (5) 54/80 (6) 64/80. Serviced engine with 11qts. ~~Aeroshell W100 oil~~ Air filter inspected, due replacement HM 820. Cleaned fuel injector nozzles. Cleaned and gapped spark plugs. Adjusted rt. mag timing. Set fuel flow. Engine washed and ground run, operational check OK, no leaks noted.

I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.

David Townes Cox IA 2679578

*TYPE
Phillips
20-50
7/1/10*

LEFT ENGINE Maintenance Entry July 21, 2010

N5634Q Beech
Aircraft HOBB

1613.8 SFREM

Madison Air Center, 7450 Old Canton Rd., Madison, MS 39110

RAN ENGINE AND WARMED, DRAINED OIL AND REMOVED AND CUT OFF FILTER. GOOD. INSTALLED NEW CH48108-1 OIL FILTER AND SECURED. SERVICED OIL WITH 20W50 XC AS PER OWNER. RAN ENGINE, LEAK CHECK GOOD. CLOSED COWLING.

DAVID GENTRY *DAVID GENTRY*
A&P 3401606

Airframe Maintenance Entry July 7, 2010

N5634Q Beech

L/H

Madison Air Center, 7450 Old Canton Rd., Madison, MS 39110

RAN AIRCRAFT AND PERFORMED A COMPRESSION CHECK. OWNER IN THE #1, #4, #3, #5, #6, #2, #7, #4, #2, #6, #7, #2. ALSO BORESCOPED ENGINE, CYLINDERS LOGGING. BORESCOPE AND FOUND OIL PUDDLED IN #3, #5, #6. INFORMED OWNER. SECURED AND CLOSED COWLINGS.

DAVID GENTRY *DAVID GENTRY*
A&P 3401606

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward

Engine Service and Maintenance Entry SEPT 10, 2010

N5634Q Beech 58

Aircraft HOBBS:991.5

1663.8 SFRM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

RAN ENGINE TO CHECK OIL PRESSURE. OIL PRESSURE IS 40 PSI AT IDLE. REMOVED AND CUT OIL FILTER TO CHECK FOR METAL, NONE FOUND. REMOVED OIL PRESSURE REGULATOR AND CHECKED, CHECKED OK. REINSTALLED PRESSURE REGULATOR AND SECURED. INSTALLED A NEW AA48108-2 OIL FILTER AND SECURED. RAN ENGINE, OIL PRESSURE CHECKED GOOD AT THIS TIME. CLOSED COWLINGS AND SECURED.

Wip/ht
3401006

LEFT ENGINE Maintenance Entry OCT 19, 2010

N5634Q Beech 58

Aircraft HOBBS:0929.5

1701.8 SFRM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

RAN ENGINE TO CHECK OIL PRESSURE. OIL PRESSURE IS 40 PSI AT IDLE. REMOVED AND CUT OIL FILTER TO CHECK FOR METAL, NONE FOUND. REMOVED OIL PRESSURE REGULATOR AND CHECKED, CHECKED OK. REINSTALLED PRESSURE REGULATOR AND SECURED. INSTALLED A NEW AA48108-2 OIL FILTER AND SECURED. RAN ENGINE, OIL PRESSURE CHECKED GOOD AT THIS TIME. CLOSED COWLINGS AND SECURED.

JIM TRIGG

A&P 2226484

LEFT ENGINE Maintenance Entry OCT 28, 2010

N5634Q Beech 58

Aircraft HOBBS:941.6

1713.9 SFRM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

RAN ENGINE AND WARMED. DRAINED OIL AND REMOVED AND CUT OIL FILTER. FILTER CHECK GOOD. INSTALLED NEW AA48108-2 OIL FILTER AND SECURED. SERVICED OIL WITH 11 QTS OF PHILLIPS 20W50 XC AS PER OWNER. RAN ENGINE, LEAK CHECK GOOD, CLOSED COWLINGS AND SECURED.

DAVID GENTRY

A&P 3401006

LEFT ENGINE Maintenance Entry NOV 22, 2010

N5634Q Beech 58

Aircraft HOBBS:990.5

1762.5 SFRM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

RAN ENGINE AND WARMED. DRAINED OIL AND REMOVED AND CUT OIL FILTER. FILTER CHECK GOOD. INSTALLED NEW AA48108-2 OIL FILTER AND SECURED. SERVICED OIL WITH 11 QTS OF PHILLIPS 20W50 XC AS PER OWNER. RAN ENGINE, LEAK CHECK GOOD, CLOSED COWLINGS AND SECURED.

DAVID GENTRY

A&P 3401006

Left Engine Maintenance Entry Nov. 26, 2010

N5634Q Beech 58

Aircraft HM:1004.3

1776.3 SFRM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Performed differential compression check. MOT registered 46/80. 1) 77/80 2) 74/80 3) 46/80 4) 72/80 5) 54/80 6) 68/80, all leakage at rings. David C Entekin A&P 3398557

David C Entekin
340330

REMOVED AND REPLACED LEFT ENGINE VACUUM PUMP. INSTALLED A NEW VACUUM PUMP PN# 442CW-2 AND SECURED. ALSO INSTALLED A NEW FILTER PN# AA2Y47 AND SECURED. RAN AIRCRAFT AND OPERATIONAL CHECK GOOD. REINSTALLED COWLINGS AND PANELS AND SECURED. ALL I.A.W. MAINTENANCE MANUAL
DAVID GENTRY
W&P 3401006

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

N5634Q Beech 58
Aircraft HM 912.8

Airframe Maintenance Entry OCT 1, 2010

Left Engine Maintenance Entry Dec. 3, 2010
N5634Q Beech 58
Aircraft HM:1014.3 *1786.3 SFRM*
Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Removed cylinder number 3 and installed customer furnished serviceable FAA PMA ECI Titan cylinder (see above entry dated 11-29-2010) along with new 630046 wrist pin and ECI AEC520-T1 FAA PMA gasket and seal set.
 Drained engine oil, serviced sump with 10 qts. AS100 mineral oil. Washed engine, ground ran and performed functional and leak checks, no leaks or abnormalities noted.

David C Entekin A&P 3398557 *[Signature]*

LEFT ENGINE Maintenance Entry FEB 1, 2011
N5634Q Beech 58
Aircraft HOBBS:1041.5 *1813.5 SFRM*
Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

RAN ENGINE AND WARMED, DRAINED OIL AND REMOVED AND CUT OIL FILTER, FILTER CHECK GOOD. INSTALLED NEW AA48108-2 OIL FILTER AND SECURED. SERVICED OIL WITH 11 QTS OF PHILLIPS 20W50 XC AS PER OWNER RAN ENGINE. LEAK CHECK GOOD, CLOSED COWLINGS AND SECURED.

DAVID GENTRY *[Signature]*
 A&P 3401006

Jewell Aviation Inc.

418 Airport Rd.
 P.O. Box 623
 Kennett, MO 63857
 573-888-5846
 www.jewellaviation.com

Make:	Continental(Left)
Model:	IO-550C8B
Serial#	824290-R
Date:	5/17/2011
Hobbs Time:	1065.6
SMOH:	000.0

On this date removed engine for overhaul. Disassembled and Inspected in accordance with Continental Manual X30568A. Visually and dimensionally inspected all parts. All steel parts were magnafluxed and all non-ferrous parts were dye penetrant inspected. The crankshaft was sent out for ultrasonic inspection and certified, see tag in engine log. The engine was reassembled using the following new parts I/A/W TCM SB97-6B: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, Crankshaft seal, Crankshaft and Camshaft gear bolts, Crankcase Through Bolts, Fuel Pump Drive Coupling, Alternator Face Gear Bolts and Plates, Crankshaft Counterweight Bushings, Rollers, Plates and Snap Rings. Installed Certified Camshaft and Lifters, see tag attached. Replaced all gaskets, seals, o-rings, hardware, etc... Installed ECI Titan Cylinder Assemblies Part# AEC631397 TISN71.4CCA. See from 8130-3 dated 4/11/2011 for cylinder serial #'s. Not included in cylinder kits but installed were new piston pins and cylinders hold down nuts. Fuel Injection System was sent out for overhaul to D&G Supply, see tags attached. Prop Governor was sent to SW Aero for overhaul, see tag. Alternator and Starter were sent to Aerotech for Overhaul, see tags. Installed Slick Upgrade Kit Part# K-6320 see tag for details. Installed engine using new Lord Mounts and replaced all engine compartment hoses with new assemblies from PHT Inc. TCM fuel nozzles were replaced this date with General Aviation Modifications, Inc. GAMinjectors Kit No. GAD13AA Serial# 20851, STC No. SE09217SC PMA No. PQ821SW per GAMinjector Installation Procedure No. IP-96-001 (Rev 004) dated 9/25/1996. Airframe was modified this date by Installation of JPI EDM-760 with fuel flow per STC's SA00432E, SA00861SE, &SA00729SE. Filled engine with 12 qts Aeroshell SAE50 and installed new Oil Filter. Donaldson Air Filters were replaced this date. Test ran engine in accordance with Continental Service Bulletin: M89-7R1 and Overhaul Manual X30568A, all systems checked normal. Test flew for 2 hours, all systems checked normal. For information on AD Compliance, see AD Compliance Record listing in Back of Log. Use non detergent Aeroshell oil during break-in period.

ADP 2012489
[Signature]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Left Engine
Make: TCM
Model: IO550C8
Serial#: 824290-R
Date: 5/15/2011
Hobbs Time: 1065.6
SMOH: 00.0

This date performed an annual inspection on this engine. Engine was overhauled this date and reinstalled using new Lord Mounts and fluid carrying hoses, see previous entry. For complete list of AD's see list in Maintenance Log. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. *DA 201344*

AIRCRAFT TIME: 1071.0

LEFT ENGINE Maintenance Entry May 23, 2011

N5634Q BEECH58 Serial # TH1598

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

- 1.) LEFT ENGINE WILL NOT IDLE WITHOUT LOW BOOST ON. REMOVED ACCESS PANEL & INSTALLED FUEL METERING HARNESS. CHECK UNMETERED FUEL PRESSURE FOUND LOW. SET TO LIMITS OF SID 97-3E. ADJUSTED IDLE SPEED & MIXTURE. LEAK CHECKED, NO LEAKS NOTED.
- 2.) LEFT PROP SYNC INOPERATIVE. CHECK WIRING. INSPECTED WIRING, GOVERNOR AND NO ANOMALIES NOTED
- 3.) INTAKE LEAK ON LEFT ENGINE. TIGHTENED CLAMPS, LEAK CHECK GOOD RECOILED ENGINE

David C Entrekin
A&P 3398557

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: Continental(Left)
Model: IO-550C8B
Serial#: 824290-R
Date: 6/7/2011
Hobbs Time: 1091
SMOH: 25.4

This date drained oil and removed filter from engine. Cut open and inspected oil filter, no metal was found. Performed compression test: 1. 79 2. 78 3. 78 4. 78 5. 78 6. 79. Filled engine with 11 quarts of Phillips XC20W50 Oil. Repaired Fuel Servo attach bracket. Test ran engine and checked for leaks, all systems checked normal.

Left Engine Maintenance Entry July 12, 2011

N5634Q Beech 58

Hour Meter 1124.6

59 SMOH

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil, inspected filter, no metal was noted. Installed a new CH48108-1 oil filter and secured with lock-wire. Serviced sump with 11 quarts Philips XC, 20W50. Washed Engine, ground ran and leak checked.

David C Entrekin
A&P 3398557

Left Engine Maintenance Entry October 18, 2011

N5634Q Beech 58

Hour Meter 1175.9

110.3 SMOH

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil, inspected filter, no metal was noted. Installed a new CH48108-1 oil filter and secured with lock-wire. Serviced sump with 11 quarts Philips XC, 20W50. Washed Engine, ground ran and leak checked.



Charles R. Hopper
A&P 3564582

Left Engine Maintenance Entry December 13, 2011

N5634Q Beech 58

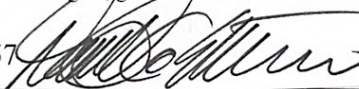
Hour Meter 1198.3

132.7 SMOH

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Installed an overhauled dry air pump (See AFM this date), installed a new 631832 wishbone support. Repaired the metering unit air blast shroud. Replaced the air body support bracket with a new 652314 unit. Installed new studs in the air body and the tach drive and reassembled the air body support system with a new 649290 spacer. Reinstalled the left propeller following repair by First Flight Propeller, see prop log and airframe logs for details. Washed engine, ground ran and leak checked, no leaks noted.

David C Entrekin A&P 3398557



JACOBS AIRCRAFT COMPANY/ JACKSON, MS

531 TERMINAL DRIVE 39209 / 601-948-1601

N5634Q 1-19-12 LEFT ENGINE LOGBOOK ENTRY HOUR METER 1227.6

Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 11qts. Phillips 20w50 oil. Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578



Left Engine Maintenance Entry April 10, 2012

N5634Q Beech 58

Hour Meter 1276.0

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil, inspected filter, no metal was noted. Installed a new CH48109-1 oil filter and secured with lock-wire. Serviced sump with 11 quarts Philips XC, 20W50. Washed Engine, ground ran and leak checked.



Michael L. Brown
A&P 3626283

Date

JACOBS AIRCRAFT COMPANY / JACKSON, MS.
530 TERMINAL DRIVE 39209 / 601 948 1601

ance Record

es, Special Inspections,

Brought Forw

N5634Q LEFT ENGINE LOGBOOK ENTRY 5-21-12 HOUR METER 1294.7
ENGINE TOTAL TIME 2067.1 ENGINE TOTAL TIME SINCE O/H 228.9

Oil filter inspected, no metal found. New oil filter installed. Checked compression:
(1) 72/80 (2) 70/80 (3) 72/80 (4) 72/80 (5) 74/80 (6) 70/80. Serviced engine with
11qts. Phillips 20W50 oil. Air filter inspected and cleaned. Cleaned fuel injector
nozzles. Cleaned and gapped spark plugs. Set mag timing. Replaced throttle body
inlet duct. Replaced broken tailpipe bracket. Engine washed and ground run,
operational check OK, no leaks noted.

I certify that this ENGINE has been inspected in accordance with an ANNUAL
INSPECTION and found to be in airworthy condition.

David Townes Cox IA 2679578

David Townes Cox

JACOBS AIRCRAFT COMPANY/ JACKSON, MS
531 TERMINAL DRIVE 39209 / 601-948-1601

N5634Q 8-1-12 LEFT ENGINE LOGBOOK ENTRY HOUR METER 1343.6

Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No
metal found. New oil filter installed. Serviced with 11qts. Phillips 20 A 50 oil.
Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578

David Townes Cox

Left Engine Maintenance Entry October 24, 2012

N5634Q Beech 58
Hour Meter 1394.6

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil, inspected filter, no metal was noted. Installed a new
CH48109-1 oil filter and secured with lock-wire. Serviced sump with 11
quarts Philips XC, 20W50. Removed and cleaned oil pressure relief valve.
Reinstalled with new crush gasket and saftied. Washed Engine, ground ran
and leak checked. No leaks noted.

CR Hopper

Charles R. Hopper
3564582

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Left Engine Maintenance Entry N5634Q 7 January 2013
Bechcraft 58 S/N: TH-1598 Hour Meter: 1444.2

Drained engine oil and removed filter. Cut open and inspected filter. No metal noted at this
time. Captured mid-stream oil sample (AVLAB). Serviced with 1 ea CH48109-1 filter and
11 qts Phillips XC 20W50 oil. Replaced scat hose for alternate air. Performed ground run
and operational check/No defects noted at this time. END.

R. G. Sheridan
Richard G. Sheridan A&P 3405349

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Left Engine Maintenance Entry N5634Q April 10, 2013
Beechcraft 58 S/N: TH-1598 Hour Meter: 1494.7

Drained engine oil and removed filter. Cut open and inspected filter. No metal noted at this time. Captured mid-stream oil sample (AVLAB). Serviced with 1 ea CH48109-1 filter and 11 qts Phillips XC 20W50 oil. Saftied filter and performed ground run and operational check. No defects noted at this time. END.

429.7 Small

Joshua Bradley Miley

Joshua Bradley Miley
AP # 3608512

N5634Q LEFT ENGINE LOGBOOK ENTRY 6-12-13 HOUR METER 1522.7
ENGINE TOTAL TIME 2295.1 ENGINE TOTAL TIME SINCE O/H 456.9

Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1) 70/80 (2) 70/80 (3) 72/80 (4) 75/80 (5) 74/80 (6) 72/80. Serviced engine with 11qts. Phillips 20-50 XC oil. Replaced paper air induction filter per AD 84-26-02. Replaced #1 EGT probe, P/N M-111. Cleaned and gapped spark plugs. Engine washed and ground run, operational check OK, no leaks noted.

I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.

David Townes Cox IA 2679578

David Townes Cox

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Left Engine Maintenance Entry N5634Q August 20, 2013
Beechcraft 58 S/N: TH-1598 Hour Meter: 1572.6

Drained engine oil and removed filter. Cut open and inspected filter. No metal noted at this time. Captured mid-stream oil sample (AVLAB). Serviced with 1 ea CH48109-1 filter and 11 qts Phillips XC 20W50 oil. Saftied filter and performed ground run and operational check. No defects noted at this time. END.

Michael L. Brown
Michael L. Brown
AP 3606263

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Left Engine Maintenance Entry N5634Q February 7, 2014
Beechcraft 58 S/N: TH-1598 Hour Meter: 1621.8

Drained engine oil and removed filter. Cut open and inspected filter. No metal noted. Captured mid-stream oil sample (AVLAB). Installed new CH48109-1 filter and 11 qts Phillips XC 20W50 oil. Saftied filter and performed ground run. No leaks noted. END.

Charles R. Hopper

Charles R. Hopper
AP 3564582

N5634Q LEFT ENGINE LOGBOOK ENTRY 4-17-2015 HOUR METER 1831.0

Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 11qts. Phillips 20 W 50 XC oil. Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578

David Townes Cox

Maintenance Record

Business Directives, Special Inspections,

N5634Q LEFT ENGINE LOGBOOK ENTRY 7-8-2015 HOUR METER 1855.9
ENGINE TOTAL TIME 2639.3 ENGINE TOTAL TIME SINCE O/H 801.1

Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1) 76/80 (2) 74/80 (3) 78/80 (4) 76/80 (5) 76/80 (6) 78/80. Serviced engine with 11qts. Phillips 20-50 XC oil, Replaced all spark plugs with new. Replaced missing bolt in exhaust pipe hanger. Engine washed and ground run, operational check OK, no leaks noted.

I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.

David Townes Cox IA 2679578

David Townes Cox

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

LEFT ENGINE Maintenance Entry October 28, 2015

N5634Q Beech 58

Aircraft HOBBS:1915.3

Drained engine oil. Removed filter and inspected, no metal noted. Installed new CH48108-1 filter and saftied. Installed new S6250 drain valve and saftied. Serviced with 11 quarts Phillips X/C 20W50 oil. Removed propeller. Reinstalled propeller Model #3AF32C512-C sn 941457 after repair by First Flight Propeller, LLC CRS FG7R54X on work order 1035 dated 15 October 2015. Removed intake crossover pipe due to alternator power wire chaffing hole in tube. weld repaired damage, applied insulation to alternator wires and rerouted using Adel clamps. Installed and shimmed new deice brush modules pn RAC40256-1 and RAC40256-2. Washed engine. Ground ran, oil leaking from crankcase due to fretting. Owner notified.

David C. Entrekin AP 3398557

David C. Entrekin

MAA DBA DEAN AIRCRAFT SERVICE

2913 Highway 11 South - Meridian, MS 39307

Phone (601) 485-7304 - Fax (601) 485-7889

N5634Q, Beech Baron 58, SN TH-1598
Hobbs 1955.4
L/H Engine IO-550, SN 824290-R

April 22, 2016

Changed engine oil and oil filter. Cut removed filter and inspected with no metal noted. Installed new Champion oil filter PN CH48109-1. Serviced engine with 11 quarts of Phillips 66 X/C 20W50 oil. Washed engine and performed aircraft ground run. Engine operational and leak checked satisfactory. I certify the above work was repaired and inspected in accordance with current FAR's and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order # 2380. (END)

Signature

Kevin Boudloche

(Kevin Boudloche A&P 3115034)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: Continental
Model: IO-550C
Serial#: 824290-R
Date: 1/27/2016
Hobbs Time: 1915.8
SMOH: _____

Received engine for teardown inspection at customer's request. Disassembled and inspected in accordance with Continental Manual M-16. Visually and dimensionally inspected all parts. Crankshaft was sent out for Ultrasonic Inspection I/AW CMI MSB 96-10B, see form 8130-3. Crankcase was sent out for inspection for surface area and alignment and no issues found, see form 8130-3. All steel parts were magnafluxed and all non-ferrous parts were dye penetrant inspected. The engine was reassembled using the following new parts I/AW TCM SB97-6B: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, Crankshaft seal. New piston rings were installed on pistons. Engine was reassembled in accordance with Continental Manual M-16. Ignition system was reinstalled on engine as well as starter adapter, alternator, fuel pump and flow divider. The other accessories are to be installed by facility reinstalling the engine on the aircraft.

David Jewell AP3036572

08-07-16 Hobbs 2006.1 TSMOH 940.3 LH

Annual Inspection Completed: Inspect oil filter, ok. Change oil and filter, refill with Aeroshell 15w50 oil and 2 cans Avblend. Check diff. comp. (1)71/80(2)70/80(3)75/80(4)75/80(5)57/80(6)76/80. Clean and gap all spark plugs. Clean fuel nozzles and leak check ok. Check magneto timing and adjust L&R to spec. Clean fuel strainers and clear vents. Inspect inlet and exhaust system. Aircraft ground run ok. All work performed IAW Beech 58 maintenance schedule in service manual

I Certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

James M. Chrestensen III
AP 3507385 IA

James M. Chrestensen III

10-08-17 Hobbs 2142 TSMOH 1076.2 LH

Annual Inspection Completed: Inspect oil filter, ok. Change oil and filter, refill with Phillips 66 20w50 (mineral oil). Replace cylinder assemblies with new Superior p/n SA 52006-A23P #1 s/n 526-G17-30467, #2 s/n 526-G17-30468, #3 s/n 526-G17-30469, #4 s/n 526-G17-30470, #5 s/n 526-G17-30471, #6 s/n 526-G17-30472. Replace all piston pins with new, replace all lifters with new. Replace all spark plugs. Clean fuel nozzles and leak check ok. Check magneto timing and adjust L&R to spec. Clean fuel strainers and clear vents. Inspect inlet and exhaust system. Aircraft ground run ok. All work performed IAW Beech 58 maintenance schedule in service manual

I Certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

James M. Chrestensen III
AP 3507385 IA

James M. Chrestensen III

11-04-17

Hobb 2149.1

Set up fuel unmetered + metered fuel pressures. All work performed IAW SID 97-36 + AMM Chapter 73-10-00 page 207-210. All found to be satisfactory for flight

James M. Chrestensen III
AP 3507385

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

MIDSOUTHJET
418 Airport Road
Greenwood Mississippi 38930
662-392-9899

Left Engine: Continental IO-550C, sn 824290R, N5634Q.

11/03/2018. Hobbs: 2212.7. TSMOH: 1146.9. Engine inspection completed using Inspection Forms, Section 16, BE 58 Shop Manual. Oil change not due at this inspection. Compression checked: #1- 74/80, #2- 70/80, #3- 74/80, #4- 72/80. #5- 74/80, #6- 74/80. Spark Plugs were cleaned, inspected and regapped as required. Fuel nozzles were cleaned, inspected and flow checked. Magnetos inspected and timing adjusted as required. Replaced all rocker cover gaskets. All other items of inspection and routine maintenance completed. See **Airworthiness Directive Compliance Record** for history, current status and due times of recurring AD's. Engine cleaned and ground run for proper performance. N5634Q-18-LE1.

I certify this Engine has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition.

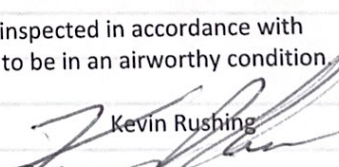

Harold N Dickey - A&P 1634955JA

N5634Q
Left Engine
Hobbs: 2269.2
TSMOH: 1203.4
11/25/19

Performed Annual inspection. Comp 80/ 1/78 2/74 3/75 4/77 5/75 6/70
Changed oil & filter Phillips XC20W50 & CH48109-1. Cut open filter no discrepancies found.
Checked timing, Cleaned fuel injectors. Cleaned & gapped spark plugs.
Replaced Intake air filter BA 7705. Run up no leaks noted. All Ad's C/W.

I certify that this Engine has been inspected in accordance with
An Annual Inspection and was determined to be in an airworthy condition.

Rushing Aviation
703 Airport Rd.
Marks, MS 38646


Kevin Rushing
IA3412822