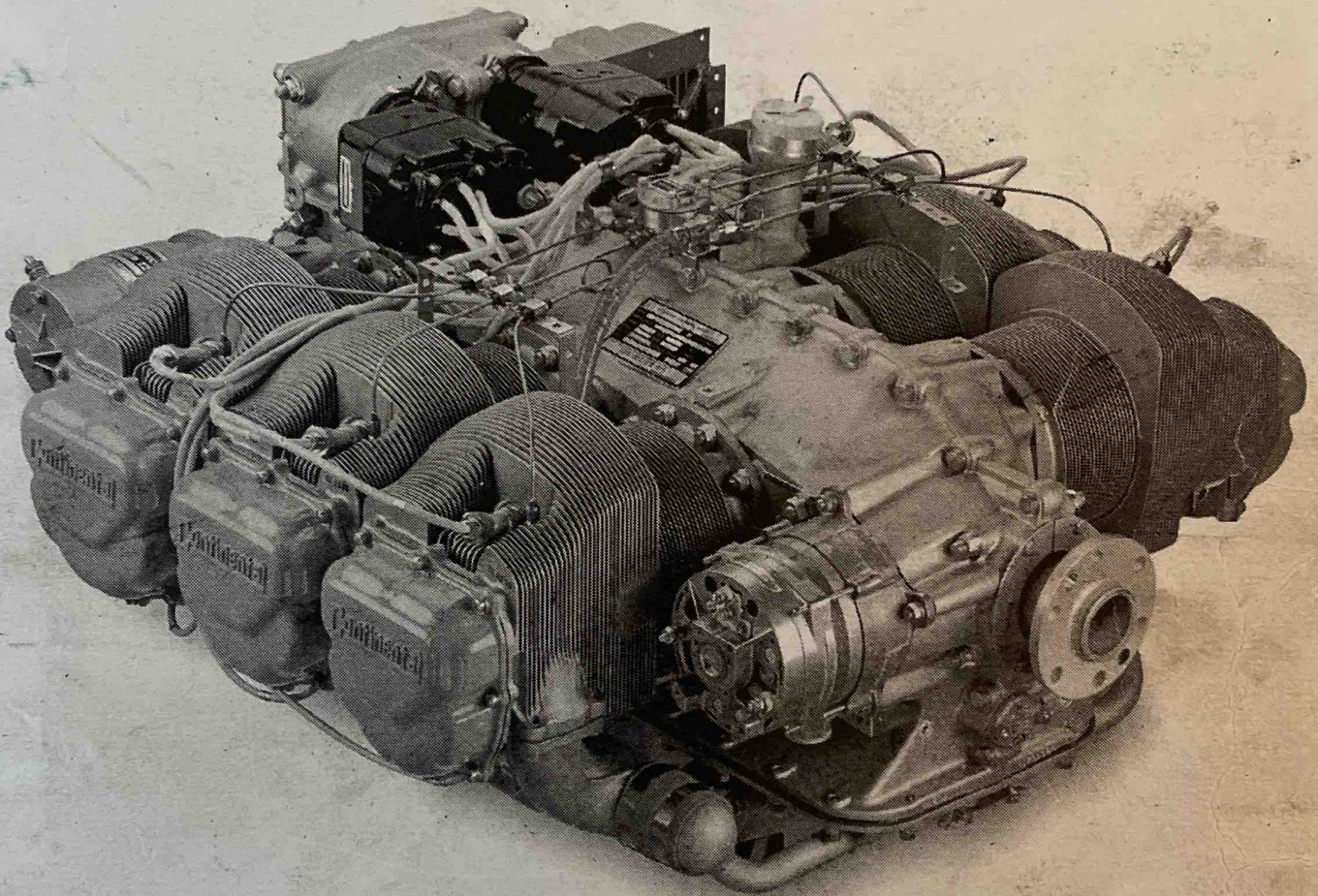


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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

was manufactured on

Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Motors in accordance with approved

Printed: 01/16/2003

applicable requirements of

Part 21 of the Federal Aviation Regulations. This engine was rebuilt for this engine model I0520BB10

, serial no. 825893-R was rebuilt/zero timed on 01/15/2003

by Teledyne Continental Motors, Inc. 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 incorporates the Service

Bulletins and Airworthiness Directives listed in Appendix 1.

Records reflecting this rebuilding are on file at: Teledyne Continental Motors, Inc.

P. O. Box 90

Mobile, Alabama 36601

TELEDYNE CONTINENTAL MOTORS, INC.

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.	

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date	2/18/2003	Logbook Entry for	N5623K
Tach Time	0	Aircraft Serial Number	CD-748
Aircraft Total Time	4436 hours	Engine Total Time	0 Since Factory Rebuild
Prop SOH	824 hours		

Engine installation and annual inspection. Installed this Zero Timed engine (IO520BB10, s/n 825893-R) in N5623K, a Beech 35-B33 serial number CD-748 in accordance with D' Shannon products STC SA 2200SW. Engine mounts, engine controls, and flexible fluid lines were replaced at this time – see airframe logbook entry. Added 12 quarts Aeroshell non-detergent W65 oil. Installed McCauley 2A36C23 -P-G propeller after model and pitch stop change by Maxwell Aircraft – see yellow tag for work order # 107875. Accomplished fuel system setup in accordance with TCM SID97-3A. Checked all applicable AD's on engine and propeller – see list in aircraft records. I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in an airworthy condition.

Shane Vande Voort Shane Vande Voort A&P 485945654 IA

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date	2-26-03	Logbook Entry for	N5623K
Tach Time	9.55	Aircraft Total Time	4445.55

Changed oil and filter with Aeroshell non-detergent W80 and Champion 48109. Checked old filter for contaminants. Ran-up and checked for leaks.

Shane Vande Voort Shane L. Vande Voort A&P 485945654 IA

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date:	3/21/2003	Logbook Entry for:	N5623K
Tach Time:	37.00		

Changed oil and filter with Aeroshell 15/50 and CH48109 filter. Ran up checked for leaks. Installed new fuel control unit p/n 629904-2A11 (see FAA Form 8130-3 in acft records). Performed fuel system set up in accordance with SID97-3A.

Doug Cash *Doug Cash* A&P 484960270

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date	04-03-2003	Logbook Entry for	N5623K
Tach Time	53.9	Aircraft Total Time	4489.9

Removed six TCM fuel nozzles P/N 627335D13-A and installed General Aviation Modifications, Inc. GAMInjectors kit No. GAD13A S/N 10944 STC No. SE09217SC PMA No. PQ821SW per GAMInjector installation Procedure No. IP-96-001 (Rev 004) dated September 25, 1996 – See FAA form 337 this date. No change in weight and balance. Accomplished fuel system setup in accordance with TCM SID97-3A.

Shane Vande Voort Shane L. Vande Voort A&P 485945654 IA

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 \longrightarrow

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date: 5/19/2003 Logbook Entry for: N5623K
Tach Time: 87.72
Total Time: 4523.72

Changed oil and filter with 12 quarts Aeroshell 15/50 and CH48109 filter, ran up and checked for leaks, found none.
Doug Cash Doug Cash A&P 484960270

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date: 07-18-03 Logbook Entry for: N5623K
Tach Time: 134.93 Aircraft Serial Number: CD-748
SMOH: 134.93

Changed oil and filter with 12 quarts Aeroshell 15/50 and CH48109 filter. Ran up and checked for leaks, found none.
Doug Cash Doug Cash A&P 484960270

DATE 9-18-03 TACH READS 188.07, CHANGED OIL & FILTER WITH 12 QUARTS AEROSHELL 15/50 & CH48109 FILTER. RAN UP CHECKED FOR LEAKS, FOUND NONE. *Doug Cash* A&P 484960270

DATE 9-22-03 TACH READS 196.45 REMOVED FILTER CUT OPEN & CHECKED FOR CONTAMINANTS, FOUND NONE, INSTALLED NEW CH48109 ELEMENT. CHECKED STARTER OPERATION, FOUND OK. *Doug Cash* A&P 484960270

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date: 10-15-03 Logbook Entry for: N5623K
Tach Time: 232.29
Total Time: 4668.29

Changed oil and filter with 12 quarts Aeroshell 15/50 and CH48109 filter, ran up checked for leaks, found ok.
Doug Cash Doug Cash A&P 484960270

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date: 11-19-2003 Logbook Entry for: N5623K
Tach Time: 285
Total Time: 4721

Changed oil and filter with 12 quarts Aeroshell 15/50 and CH48109 filter, ran up and checked for leaks, found none.
Doug Cash Doug Cash A&P 484960270

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 →					
DATE 01-02-2004	TACH READS 329.7		CHANGED OIL + FILTER WITH 12 QTS AEROSHELL 15/50 + CH48109 FILTER, RAN UP CHECKED FOR LEAKS, FOUND NONE. <i>Doug Cash</i> A&P 484960270		

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date	3/5/2004	Logbook Entry for	N5623K
Tach Time	380.76	Aircraft Serial Number	CD-748
Aircraft Total Time	4816.76	Engine Serial Number	825893-R
Prop SOH	1204.76	Engine Total Time	380.76

100-Hour Inspection. Compression Check #1 74/80, #2 70/80, #3 76/80, #4 70/80, #5 77/80, #6 72/80. Changed oil and filter with 12 quarts Aeroshell 15/50 and CH48109 filter. Removed magnetos and inspected impulse couplings I.A.W. MSB-645 found ok, reinstalled and set magneto to engine timing. Inspected intake and exhaust systems, removed right exhaust muffler inspected and reinstalled. Inspected engine I.A.W. TCM SID97-2A. Replaced 12 spark plugs with new Champion RHB-32E. Cleaned fuel injector nozzles. Checked all applicable AD's on engine and propeller - see list in aircraft records. I certify that this engine and propeller have been inspected in accordance with a 100-Hour Inspection and were determined to be in an airworthy condition.

Doug Cash
Doug Cash A&P 484960270

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date	3/5/2004	Logbook Entry for	N5623K
Tach Time	380.76	Aircraft Serial Number	CD-748
Aircraft Total Time	4816.76	Engine Total Time	380.76
Prop SOH	1204.76		

Annual Inspection. All times same as previous entry. Checked all applicable AD's - see list in aircraft records. I certify that this engine and propeller have been inspected in accordance with an Annual inspection and were determined to be in an airworthy condition.

Shane L. Vande Voort
Shane L. Vande Voort A&P 485945654 IA

DATE 8-14-04	TACH TIME 415.07	CHANGED OIL + FILTER w/12 QTS AEROSHELL + CP48109 FILTER	<i>Doug Cash</i> A&P 2643951
DATE 11-23-04	TACH TIME 451.99	CHANGED OIL + FILTER w/12 QTS AEROSHELL + CP48109 FILTER	<i>Doug Cash</i> A&P 2643951

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 →

DATE	<u>3/28/05</u>	TACH/	<u>480</u>	3/28/05 TACH & TOTAL TIME: 480. DIFFERENTIAL COMPRESSION TEST: Cyl #1 67/80, #2 66/80, #3 68/80, #4 70/80, #5 74/80, #6 70/80. CLEAN & REGAP 12 SPARK PLUGS. C/W AD 96-12-07, AMDT. 39-9649 ON LEFT MAGNETO SURN-1225, P/N BL 349350-4,
TOTAL TIME	<u>480</u>	SMOH		
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>				
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND				
APPROVED FOR RETURN TO SERVICE W.O. # <u>5347</u>				
SIGNED <u>W. Kyle Chief Insp.</u>				
FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA FAA APPROVED REPAIR STA. #CQVR964C				

S/N F03AA62R (X VALUES .032 & .035) AND ON RIGHT MAGNETO SURN-1225, P/N BL 349350-5, S/N F03AA034R (X VALUES .030) REINSTA MAGS AND TIME TO ENGINE. TEST RUN AND CHECK FOR LEAKS AND PROPER OPERATION - OK. W. Kyle for C/Aero CRS CQVR964C

4-30-05 485.2 CHANGED OIL & FILTER w/12 1/2 15w-50 + CP4108 FILTER D/MILL ATP 2643951

7-11-05 529.2 CHANGED OIL & FILTER w/12 1/2 15w-50 + CP4108 FILTER D/MILL ATP 2643951

2-2-06 580.1 CHANGED OIL & FILTER w/12 1/2 15w-50 + CP4108 FILTER D/MILL ATP 2643951

DATE	<u>4/20/06</u>	TACH/	<u>592</u>	4/20/06 TACH & TOTAL TIME: 592 DIFFERENTIAL COMPRESSION TEST: Cyl #1 70/80 #2 69/80, #3 70/80, #4 73/80, #5 71/80, #6 69/80 CLEAN & REGAP 12 SPARK PLUGS. TEST RUN & CHECK FOR LEAKS & PROPER OPERATION - OK. W. Kyle Chief Inspector
TOTAL TIME	<u>592</u>	SMOH		
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>				
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND				
APPROVED FOR RETURN TO SERVICE W.O. # <u>5347</u>				
SIGNED <u>W. Kyle Chief Insp.</u>				
FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA FAA APPROVED REPAIR STA. #CQVR964C				

FOR CHARLES CITY AERONAUTICS, INC. CHARLES CITY, IOWA
 FAA APPROVED REPAIR STATION # CQVR 964C X

9-15-06 639.0 CHANGED OIL & FILTER 11 1/2 15w-50 + CP4108 FILTER D/MILL ATP-2643951

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	→				

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N5623K Beech 35-B33 S/N: CD-748 Continental Engine Log Entry
 8 January 2007 Tach: 685.97
 Changed engine oil and filter (Shell 15W50). Cut oil filter open and inspected, no contaminants noted.
 Compression test #1) 70/80, 2) 70/80, 3) 70/80, 4) 65/80, 5) 65/80, 6) 67/80. Engine run up and leak check good. *[Signature]*
 Scott L. Utz A&P523021803 w/o 24389

3-28-07 Tach 698.0 Check Compression, Clean, Gap & Botato
 Total time 698.0 Spark plug, Check, install fuel Dist, Drain
 Hose, New Induction Air filter installed.
~~whf Rch~~ → Replace Alternator with Overhauled Exchange.

certify this Engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition.

Signed *[Signature]*
ROBERT D. BRUNGARD
 IA 1480679

BRUNGARD AVIATION BOULDER, COLORADO

4-24-2008 731.2 TACH & TT N5623K ENGINE LOG ENTRY

COMPLETED ANNUAL INSPECTION; CHANGE OIL AND OIL FILTER; REFILL WITH AEROSHELL 15W50. COMP CK; 68-62-70-72-66-72/80. CLEAN GAP AND TEST PLUGS. LEFT MUFFLE REPLACED WITH REBUILT PART FROM DAWLEY AVIATION. INSTALL NEW AIRFILTER ELEMENT.

COMPLETED ANNUAL INSPECTION AS PER SCOPE AND DETAIL OF FAR 43 APP. D. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH APPUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. REF. LISTING OF AD'S IN AIRCRAFT RECORDS FOR DETAILS.

[Signature]
BRUNGARD AVIATION LLC
 BOULDER, CO

9/19/08 746.0 TACH, REMOVE 2 BOLTS MCLAWLEY Prop & INSTALL 3 BOLTS HARTZEL PHC-LBYE-18P
 GROUND RUN OK *[Signature]* 51566462

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	→				
5-7-09	763	4			Change Oil & Air filter, Clean Air filter Clean Cap & Rotate Plugs, Check mag timing Replace All Rocker Cover Gaskets, Repair Left Baffleing. Lube Engine Controls.
					I certify this <u>Eng</u> has been inspected in accordance with an <u>Annual</u> inspection and determined to be in airworthy condition.
					Signed <u>Robert D Brungard</u> ROBERT D. BRUNGARD IA 1480679

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N5623K Beech 35B33 Continental Engine Log Entry
 29 January 2010 Tach: 782.69
 Troubleshoot rough left magneto drop during magneto check. Removed The lower #5 spark plug, cleaned, gapped, tested and reinstalled. Operational check good. Out
 w/o 28905 Scott L. Utz A&P3442269

5-7-10	789	4			Change Oil & filter, Clean Air filter, check Compressor, Check mag Timing, Clean Cap & Rotate Plugs. Aero Shell 15-50.
					I certify this <u>Eng</u> has been inspected in accordance with an <u>Annual</u> inspection and determined to be in airworthy condition.
					Signed <u>Robert D Brungard</u> ROBERT D. BRUNGARD IA 1480679
6-4-11	812	38			Change Oil & filter - Clean Air filter, check Compressor, Check mag timing, Clean fuel screen, Install new spark plug. Aero Shell 15W50
					I certify this <u>Eng</u> has been inspected in accordance with an <u>Annual</u> inspection and determined to be in airworthy condition.
					Signed <u>Robert D Brungard</u> ROBERT D. BRUNGARD IA 1480679

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 →					

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLWOOD, COLORADO 80112 (303) 799-8386
 N5623K Continental IO-520-BB S/N: 825893-R Total Time: 825.17
 29 October 2011 Tach: 825.17
 Compression test #1) 70/80, 2) 60/80, 3) 68/80, 4) 66/80, 5) 70/80, 6) 72/80. Changed engine oil and filter (Shell 15W50). Cut oil filter open and inspected, no contaminants noted. Secured throttle cable in clamp on right side of engine. Added one washer to the lower outboard baffle at oil cooler. **Removed the alternator and inspected the drive end bearing and drive coupling, no defects noted. Reinstalled alternator with a new gasket.** Ground run up and leak check good.
 Scott L. Utz A&P3442269 w/o 31183

2-29-12
 CLEAN INJECTOR NOZZLES, COMP # 1 77/80
 #2 76/80 #3 78/80 #4 75/80 #5 75/80 #6 75/80
 INCREASE FUEL FLOW TEST RAN OK
 APPROVAL RETURN TO SERVICE

7-6-2012 TSN=860.17
 DATE 7-6-2012 TACH READS 860.27 N 5623K
 I CERTIFY THAT THIS Engine ANNUAL HAS BEEN INSPECTED IN ACCORDANCE WITH A ~~100 HOUR~~ INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. AND DISCREPANCIES FOUND WERE CORRECTED AS NOTED BELOW.
 APPROVED
 LANCE YOMTOB TSN=860.17 HRS 1A57286837A

CHG OIL + FILTER - OPEN FILTER + INSP OK - SERVICE WITH 100W PLUS OIL
 CLEAN PLUGS #1 76/80 #2 75/80 #3 78/80 #4 76/80 #5 73/80 #6 76/80. SEE AD LIST FOR COMPLIANCES.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				

LOGBOOK ENTRY

Make/Model	POS/REG	Serial No.	Tach.	HOBBS	Date	TSMO
35-B33	N5623K	CD-748	881.61		11/14/12	

COMPLIED WITH THE FOLLOWING MAINTENANCE:

- Adjusted Fuel Flow.
- Changed Out Injector # 4 & #5.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for Return to service with respect to the work performed.

Invoice# 2779



BAYMARK AVIATION
 VAN NUYS AIRPORT
 VAN NUYS, CALIFORNIA
 818-461-2180

Signed _____

Arthur Larrobis,
 A&P 3192922

LOGBOOK ENTRY

Make/Model	POS/REG	Serial No.	Tach.	HOBBS	Date	TSMO
35-B33	N5623K	CD-748	883.62		1/4/13	

COMPLIED WITH THE FOLLOWING MAINTENANCE:

- Removed and Replaced Battery P/N RG35AXC, S/N 40536171.
- Changed Oil with W100 11qrts.
- Removed and Replaced Oil Filter P/N CH48109-1.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for Return to service with respect to the work performed.

Invoice# 2805



BAYMARK AVIATION
 VAN NUYS AIRPORT
 VAN NUYS, CALIFORNIA
 818-461-2180

Signed _____

Arthur Larrobis,
 A&P 3192922

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 →

5/23/13

Tach 901.6

Retr magnetos for 500 hr inspection + repairs see 2 entries below. Retune magnetos to engine, run-up, functional test + return to service.

Ulin Schluff AWP 2747003

Date 05/23/2013 Total time and application to validated by installer
Hummingbird Rotorwing Services, Inc
12653 Osborne St Pacoima CA 91331

L+

Complied with 500 hour TCM magneto SN: F03AA062R, PN: 10-349350-4 IAW TCM master manual X40000 Replaced the following parts with new:
(1) 10-349237 gear, (1) KA10-400615 Capacitor, (1) 10-400561AC bearing, (1) 10-400567AC bearing, (1) 10-50752 felt washer, (1) 10-163374 felt strip,
(1) 10-349263 packing, (1) AB-92815-62 ring, (1) AB-160644 brush, (1) AB-92815-37 ring, (1) AB-391309 washer, (3) 10-349652 screw, (3) 10-53397
washer, (1) 10-382584 contact. (2) 10-349219 wedge, (1) 10-400009 ID plate, (1) 10-51324 spring. (1) 10-400166-5 impulse cam
APPROVED FOR RETURN TO SERVICE John S Balkin A&P566396320

END

Date 05/23/2013 Total time and application to validated by installer
Hummingbird Rotorwing Services, Inc
12653 Osborne St Pacoima CA 91331

R+

Complied with 500 hour TCM magneto SN: F03AA034R, PN: 10-349350-5 IAW TCM master manual X40000 Replaced the following parts with new:
(1) 10-349237 gear, (1) KA10-400615 Capacitor, (1) 10-400561AC bearing, (1) 10-400567AC bearing, (1) 10-50752 felt washer, (1) 10-163374 felt strip,
(1) 10-349263 packing, (1) 10-92815-62 ring, (1) AB-160644 brush, (1) AB-92815-37 ring, (1) AB-391309 washer, (3) 10-349652 screw, (3) 10-53397
washer, (1) 10-382584 contact. (2) 10-349219 wedge, (1) 10-400009 ID plate, (1) 10-51324 spring.
APPROVED FOR RETURN TO SERVICE John S Balkin A&P566396320

END

7-24-13 TACH READS 913.75 - 5623K

I CERTIFY THAT THIS Engine ANNUAL HAS BEEN INSPECTED IN ACCORDANCE WITH A 100% INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. AND DISCREPANCIES FOUND WERE CORRECTED AS NOTED BELOW RETURN TO SERVICE.

CHG OIL + FILTER
open FILTER
Insp "OK"

TSN = 913.65
CLEAN PLUGS
#1 74/80 #2 71/80
#3 73/80 #4 72/80 #5 75/80 #6 75/80

REPLACE EXH FLANGE BOLTS, see AD LIST FOR COMPLIANCE TEST PLAN ALL OK AT THIS TIME.

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 →					

LOGBOOK ENTRY

Make/Model	POS/REG	Serial No.	Tach.	HOBBS	Date
35-B33	N5623K	CD-748	931.18	-	11/15/13

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Removed and Replaced Throttle Cable P/N 36-380061-1
2. Compression Check: 1. 76/80 2. 74/80 3. 74/80 4. 72/80 5. 72/80 6. 74/80

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for Return to service with respect to the work performed.

Invoice# 2981



Signed _____

Arthur Larrobis,
A&P 3192922

LOGBOOK ENTRY

Make/Model	POS/REG	Serial No.	Tach. time	HOBBS	Date
IO-520BB	N5623K	825893-R	938.89	-	1/17/14

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Changed Oil w/ Aeroshell W100 12 qts
2. Changed Oil Filter CH48408-1

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



Signed _____

Arthur Larrobis,
A&P 3192922

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	→				
					DATE 8-8-14 TACH READS 957.45 - 5623K
					I CERTIFY THAT THIS <u>Engine Annual</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION AND DISCREPANCIES FOUND WERE CORRECTED AS NOTED BELOW RETURN TO SERVICE. TSMOH = 957.45
					<u>LANCE YOMTOB</u> LA57286837
					CHG OIL & FILTER - OPEN FILTER & INSPO OK. CLEAN PLUGS - #1 74/80 #2 73/80 #3 74/80 #4 77/80 #5 76/80 #6 74/80 TEST RAN OK - SEE AD LIST FOR COMPLIANCE.

LOGBOOK ENTRY

Make/Model	POS/REG	Serial No.	Tach.	HOBBS	Date
35-B33	N5623K	CD-748	977.92	-	1/9/2015

COMPLIED WITH THE FOLLOWING MAINTENANCE:

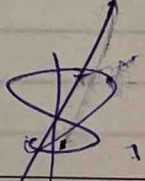
1. Changed Oil w/ 12 qts Aeroshell W100 and Oil Filter w/ CH48108-1
2. Serviced L/H Strut with Nitrogen
3. Ran Engine. No Leaks.
4. Cut Filter: no contaminants found.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for Return to service with respect to the work performed.

Invoice# 3317



BAYMARK AVIATION
VAN NUYS AIRPORT
VAN NUYS, CALIFORNIA
818-461-2180

Signed 
Arthur Larrobis,
A&P 3192922

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 →					

LOGBOOK ENTRY

MAKE/MODEL	POS/REG	SERIAL NO.	TACH TIME	HOBBS	DATE	TSMO
IO-520-BB10	N5623K	825893-R	1022.37	-	09/01/15	1022.37

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Complied 100hrs. Inspection IAW Beechcraft 35-B33MM.
2. Complied compression check #1 74/80, #2 72/80, #3 75/80, #4 70/80, #5 78/80, #6 72/80.
3. Serviced oil with 11 QRTS. Of Aeroshell W100.
4. Replace with new oil filter with P/N CH48108-1.
5. Cut Oil Filter for Inspection, Negative Metal Contamination.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



BAYMARK AVIATION
VAN NUYS AIRPORT
VAN NUYS, CALIFORNIA
818-461-2180

Signed _____

Arthur Larrobis
Arthur Larrobis
AP3192922

LOGBOOK ENTRY

MAKE/MODEL	POS/REG	SERIAL NO.	TACH TIME	HOBBS	DATE	TSMO
IO-520-BB10	N5623K	825893-R	1022.37	-	09/01/15	1022.37

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Complied Annual inspection IAW Beechcraft 35-B33MM.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



BAYMARK AVIATION
VAN NUYS AIRPORT
VAN NUYS, CALIFORNIA
818-461-2180

Signed _____

Edward Cervantes
Edward Cervantes,
AP2749289IA

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 →					

LOGBOOK ENTRY

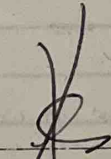
MAKE/MODEL	POS/REG	SERIAL NO.	TACH TIME	HOBBS	DATE	TSMO
IO-520-BB10	N5623K	825893-R	1036.0	-	1/11/16	1036.0

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Complied maintenance in accordance with Beechcraft 35-B33 maintenance manual.
2. Cleaned sparkplugs.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



Signed 
Arthur Larrobis
AP3192922

LOGBOOK ENTRY

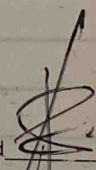
MAKE/MODEL	POS/REG	SERIAL NO.	TACH TIME	HOBBS	DATE	TSMO
IO-520-BB10	N5623K	825893-R	1038.12		2/2/16	1038.12

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Removed 12 (twelve) spark plugs to be reconditioned, part number RHB-32E.
2. 3 (three) spark plugs were rejected and replaced with reconditioned, part number RHB-32E.
3. Installed 12 (twelve) spark plugs, reconditioned by Aircraft Spark Plug Service of Van Nuys, CA, part number RHB-32E.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



Signed 
Arthur Larrobis
AP3192922

Brough

LOGBOOK ENTRY

Make/Model	Registration/Position	Serial Number	Tachometer	HOBBS	Date	Time Since Major Overhaul
IO-520-BB10	N5623K	825893-R	1085.05	-	8/1/16	1085.05

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Serviced with 12 (twelve) quarts Aeroshell W100 Plus.
2. Replaced with new Champion Oil Filter, part number CH48108-1.
3. Filter cut open and no metal noted.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



BAYMARK AVIATION
 VAN NUYS, CALIFORNIA
 (818) 461-2180
 BERMUDA DUNES, CALIFORNIA
 (442) 777-3359

Signed _____
 Arthur Larobis,
 A&P 3192922

Oct 13, 2016
 Tach 1066.0
 TSMOH 1066.0

CAMARILLO AIRCRAFT SERVICE

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

Signature R. N. J. J. 3521570 IA

Compression test: #1=68, #2=70, #3=65, #4=64, #5=71, #6=70. All over 80psi. Cleaned and gapped all spark plugs and installed with new M674 gaskets. Adjusted magneto timing to 22° BTDC. Borescoped all cylinders. All valves + cylinder walls appear normal. Adjusted high metered fuel pressure to specs. Replaced alternator gasket P/N 653981. Installed new throttle spring on throttle arm P/N 628371. Washed engine with solvent.

AD 2014-05-29 Does not apply to TCM cylinders.
 AD 2016-16-12 Does not apply to TCM cylinders. No further action needed

≡ END ≡

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

4-17-2017 tach-1082.9 N5623K

Compression test : #1 72/80 #2 74/80 #3 74/80
 #4 67/80 #5 74/80 #6 74/80 all okay at this time
 approved return to service.

Lance Yomtob
 Lance Yomtob AP572868374

Make/Model	Registration/Position	Serial Number	Tachometer	HOBBS	Date	Time Since Major Overhaul
IO-520-BB10	N5623K	825893-R	1084.52	-	4/24/17	1084.52

COMPLIED WITH THE FOLLOWING MAINTENANCE:

- Serviced with 11 quarts Aeroshell W100 Plus.
- Replaced with new Champion Oil Filter, part number CH48108-1.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



BAYMARK AVIATION
 VAN NUYS, CALIFORNIA
 (818) 461-2180
 BERMUDA DUNES, CALIFORNIA
 (442) 777-3359

Signed *Walyberth Ivan Cazares*
 Walyberth Ivan Cazares
 A&P2729194

11/28/17 tach= 1109.06 smoh= 1109.06 N5623K
 change oil and filter, open filter and inspect ok,
 service with 15-50w oil, clean plugs, exhaust ok at
 this time, comp:#1-75/80,#2-70/80,#3-74/80,#4-68/70
 #5-74/80,#6-72/80, mag timing ok, test ran, all ok at
 this time, see AD list for compliances, I certify that
 this ENGINE has been inspected IAW an ANNUAL
 inspection and found to be in airworthy condition,
 approved return to service.

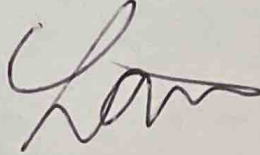
Lance Yomtob AP572868374 IA
Lance Yomtob

8/19/18 tach= 1137.8 N5623K
 change oil and filter, open filter and inspect ok,
 comp:#1-73/80,#2-68/80,#3-72/80,#4-72/80,
 #5-74/80,#6-70/80, test ran ok, approved
 return to service.

Lance Yomtob AP572868374
Lance Yomtob

2/6/2020 tach=1189.56 tsoh=1189.56 N5623K
change oil and filter,open filter and inspect ok,
service with 15-50W oil,clean plugs,check timing ok,
inspect exhaust system ok,comp:#1-75/80#2-67/80,
#3-73/80,#4-71/80,#5-74/80,#6-71/80,bore scope the
cylinders and found to be normal, test ran all ok at this
time,see AD list for compliances, I certify that this
ENGINE has been inspected IAW an ANNUAL
inspection and found to be in airworthy condition,
approved return to service,

Lance Yomtob AP572868374 IA



Service and Maintenance Record

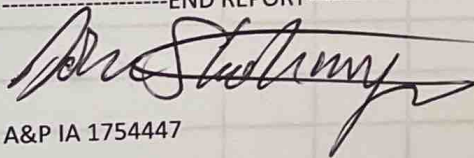
Inspections, Airworthiness Directives, Special Inspections,
Service Bulletins

Continental Tach: 1198.29 TSFRM: 1198.29 01/15/2021
Model# IO-520BB S/N: 825893-R

Performed Annual Inspection. Checked magneto to engine timing and inspected ignition harness. Performed cylinder differential compression test; 1: 66/80 2: 60/80 3: 74/80 4: 60/80 5: 71/80 6: 73/80. Removed and replaced with new; 12 spark plugs Tempest URHB32E with new M674 gaskets. Removed, cleaned, inspected and re-installed fuel finger screen. Performed engine run-up and leak check; all satisfactory. AD's current as of the above date. Above work performed IAW Continental Manual M-0, Continental IO-520 maintenance and parts manuals and AC43.13-1B.

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and is determined to be in an AIRWORTHY condition.

-----END REPORT-----

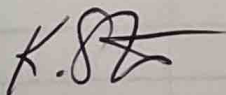


A&P IA 1754447

Continental Tach: 1204.91 TMOH: 1204.91 02/18/2021
Model# IO-520BB S/N: 825893-R

Removed starter and starter adapter. Installed replacement starter adapter P/N: 642083A12 (see FAA form 8130-3 Ly-Con W/O 63917 dated 19JUL18). Installed new HET C12ST5 starter (see FAA form 8130-3 HET W/O M091830 dated 26JAN21). Above work performed IAW Continental IO520 series maintenance and parts manuals, Manual M-0, Beechcraft Model 33 shop and parts manuals and AC43.13-1B.

-----END REPORT-----



A&P 3557881

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 MODEL: IO520BB
ENGINE S/N: 825893-R
REG. NO: 5623K
WORK ORDER: 8701-04-2021

Cruiseair Aviation, Inc.
2428 Montecito Road
Ramona, CA 92065
Phone: (760)789-8020

DATE: 4/2/2021
A/C TSN: 5676.49
ENG TT: 1240.49
TSMOH:
TACH: 1240.49

Engine Entries

Oil and filter changed. Removed filter inspected with normal indications. Serviced with 10QT AS 15W50. Ground run leak check normal.

Maintenance Release: The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service only with respect to the work performed. Pertinent details of the repair are on file at this agency on Work Order shown above.


DATE: 4/2/2021

SIGNED: 

Work Order: 8701-04-2021

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wo: 5519 Engine - page 1 of 1

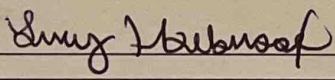
WAYPOINT AVIATION SERVICES 

Waypoint Aviation Services - 6873 Flight Rd. - Riverside, CA 92504 - 951-977-8361


N5623K **June 23, 2021**
TTAF: 5713.9 Tach: 1277.9

Drained oil, took oil analysis, removed and inspected oil filter. Serviced engine with (10) qts of Aeroshell 15W-50. Installed oil filter P/N: CH48109-1. Performed engine run-up, leak check, results satisfactory.

This engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details of work performed are on file with Waypoint Aviation Services under work order: 5519.

Lucy Holbrook A&P IA 3741763 

wo: 5547 Engine - page 1 of 1

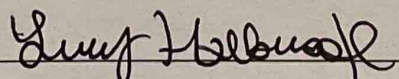
WAYPOINT AVIATION SERVICES 

Waypoint Aviation Services - 6873 Flight Rd. - Riverside, CA 92504 - 951-977-8361

N5623K **August 26, 2021**
TTAF: 5761.67 Tach: 1325.67

Drained oil, took oil analysis, removed and inspected oil filter. Serviced engine with (10) qts of Aeroshell 15W-50. Installed oil filter P/N: CH48109-1. Performed engine run-up, leak check, results satisfactory.

This engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details of work performed are on file with Waypoint Aviation Services under work order: 5547.

Lucy Holbrook A&P IA 3741763 

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	→				

Ramona Avionics, Inc.
 2450 Montecito Rd , Ramona CA 92065
 Date: 01-12-2022 Logbook: Engine 1 Tail Number: N5623K
 Tach= 1359.62 Model: IO-520 SERIES Serial: WO:20263

Repairs / Maintenance

- Removed alternator and installed customer supplied serviceable alternator for preventative maintenance purposes. Alternator good on check flight.

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is APPROVED FOR RETURN to service.

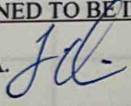
Certificate: 3489091AP David Hairline

Sign:  | Date: 01-04-2022

N5623K IO520-BB SN 825893-R
TACH 1374.1 TSMOH 1374.1
Jan, 2022

100 HOUR INSPECTION PER BEECH/TCM SERVICE MANUAL. AD'S C/W THRU 2022-01.
 Compression checks over 80= 1.61 2.60 3.64 4.62 5.66 6.64. Borescope accomplished no defects noted.
 Drained oil removed filter. Serviced with 10 qts AS15W50 installed AA48109 filter. Filter cut open and inspected. Magnetos removed for 500-hour inspection. Ref form 8130 aero accessories van nuys California. Magnetos re installed and timing set. Spark plug gap checked, cleaned, rotated on re installation. Ground run and leak check accomplished.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100/ANNUAL INSPECTION (ref to far 43 appendix D). WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND WAS RETURNED TO SERVICE.

Timothy J Kline
 A&P 2670751 I.A. 

wo: 5685

Engine - page 1 of 1



Waypoint Aviation Services · 6873 Flight Rd. · Riverside, CA 92504 · 951-977-8361

N5623K

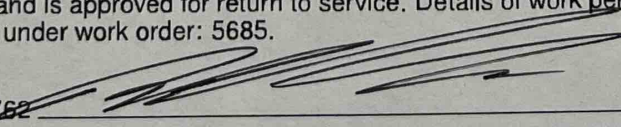
July 11, 2022

TTAF: 5863.5

Tach: 1427.5

Drained and replaced oil and filter with Aeroshell 15w-50 10qts and oil filter AA48109. Adjusted prop gov RPMs to 2680. ops check satisfactory.

This engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details of work performed are on file with Waypoint Aviation Services under work order: 5685.

Matthew LaPrade A&P IA 3741782 

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins

Engine - page 1 of 1

wo: 5686



Waypoint Aviation Services · 6873 Flight Rd. · Riverside, CA 92504 · 951-977-8361

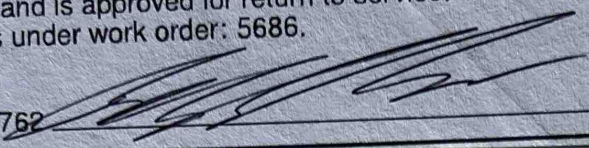
N5623K
TTAF: 5888.7

Continental, IO-520-BB, S/N: 825893-R
Tach: 1452.7

September 01, 2022

Removed and replaced starter adaptor. ops check satisfactory Installed P/N 642083A12 - starter adaptor (OVERHAULED) S/N: CAM21-286.

This engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details of work performed are on file with Waypoint Aviation Services under work order: 5686.

Matthew LaPrade A&P IA 3741762 

N5623K

October 19, 2022

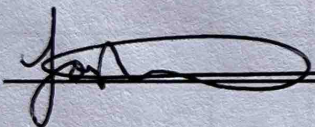
Continental IO-520-BB

SN: 825893-R

TTAF: 5916.8

Tach: 1480.8

- Drained oil
- Removed oil filter
- Installed new oil filter, CH48109-1
- Added 10 Quarts AeroShell 15W-50
- Leak checked



Joshua Pava, 2654281

N5623K IO520-BB SN 825893-R

TACH 1508.9 TSMOH 1508.9

Jan 2023

100 HOUR INSPECTION PER BEECH/TCM SERVICE MANUAL. AD'S C/W THRU 2023-01.

Compression checks over 80= 1.62 2.58 3.66 4.60 5.63 6.67. Borescope accomplished no defects noted.

Drained oil removed filter. Serviced with 10 qts AS15W50 installed AA48109 filter. Filter cut open and inspected. Spark plug gap checked, cleaned, rotated on re installation. Ground run and leak check accomplished.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100/ANNUAL INSPECTION (ref to far 43 appendix D). WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND WAS RETURNED TO SERVICE.

Timothy J Kline
A&P 2670751 I.A. 