

RIH

Millennium Engine™

Engine Maintenance History

SUPERIOR
AIR PARTS, INC.

621 South Royal Lane, Suite 100
Coppell, Texas 75019-3805
972 - 829 - 4600

Millennium Engine

ENGINE MAINTENANCE RECORDS

Log No. _____
Aircraft Registration No. N112SE
Engine Manufacturer CONT
Model IO-520-CB (8W)
Serial No. 298725-R
Date installed on aircraft 6-11-03
Time Between Overhauls (TBO) 1700

If used on multi-engine aircraft:

RIGHT

LEFT

FRONT

REAR

DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE
TACH OR RECORDING METER TIME



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

SMOH: 554.0

HOBBS: 1864.7

DATE: 07/01/20
REG: N112SF
MODEL: IO-520-CB
S/N: 298725-R

- 1 OIL SAMPLE TAKEN
- 2 REPLACED ENGINE OIL FILTER P/N: CH48108-1
- 3 SERVICE ENGINE WITH 12 QUARTS OF PHILLIPS 20W50 X/C OIL.

Raphael Lopez
RAPHAEL LOPEZ - A&P 2709706

Christian Mungoz
CHRISTIAN MUNGOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 112070120

ENGINE MODEL: IO-520-CB
ENGINE S/N (R): 298725-R
REG. NO: 112SF
WORK ORDER: 10889-10-2020



Honeycutt Aviation, Inc.

1489 Sky Harbor Dr.
Olivehurst, CA 95961
Phone (530) 741-1345

DATE: 11/17/2020
A/C TSN: 6033
ENG TT (R): 3478
TSMOH (R): 588
HOBBS: 1899

Right Engine Entries

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

Performed oil & filter change. Drained oil, cut and inspected oil filter, no defects noted. Installed new CH48108-1 oil filter. Serviced with 10 qts Phillips 20/50XC and added 1 pint of CamGuard. No leaks noted after run-up.

Slick Magneto SB2-19 not applicable on this aircraft.

Installed new ring terminals and shielding wire for p-lead.

Right engine throttle plate was going beyond center with control in full throttle position. Adjusted full throttle stop screw to stop throttle plate at wide open throttle and secured stop screw.

Installed new full throttle stop screw and jam nut on the right engine.

SIGNED:

Kale Goodman
Kale Goodman, IA: 2678030

DATE: 11/17/2020

Work Order: 10889-10-20

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9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

SMOH: 429.3

HOBBS: 1740.0

DATE: 09/01/17
REG: N112SF
MODEL: IO-520-CB
S/N: 298725-R

- 1 SERVICE ENGINE WITH 12 QUARTS OF PHILLIPS 20W50 XC OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48108-1.
- 3 OIL SAMPLE TAKEN.
- 4 COMPRESSION TEST: 1/72, 2/62, 3/68, 4/68, 5/68, 6/72.

Stephen Stewart
STEPHEN STEWART - A&P 2129169

PERTINENT DETAILS ON FILE: W.O. 112090117

MODEL	58	B.C.H. AVIATION CENTER	DATE	11-1-18
S/N	TH-1038	920 W. CHANDLER	W.O. #	2926
REG. NO.	N112SF	FRESNO, CA 93706	HOBBS	1785.3 hrs.
ENG. MOD.	IO520CB	(559) 441-0991	TACH	n/a
ENG. S/N	298725-R	ENGINE LOGBOOK INSERT	CYCLES	

100 hr. inspection completed this date in accordance with FAR 43 appendix D. Changed oil and filter. Serviced with Phillips 20W-50 X/C and CamGuard. Cleaned and gapped spark plugs. Checked magneto to engine timing. Checked intake and exhaust systems. C/W TCM MSB94-8D by inspection of magneto timing to engine. C/W TCM SB95-2 by inspection of engine controls for proper attachment and lubrication. C/W TCM SB95-7 by inspection of fuel manifold valve. C/W TCM SB653 by inspection for "hot mags." Comparator check: #1-77/80, #2-66/80, #3-73/80, #4-72/80, #5-72/80, #6-76/80. ACPLL was 44 psig. Washed engine and ground ran. No leaks found. Engine total time in service is 3364.8 hrs. Engine time since overhaul is 474.6 hrs.

Donald E. Williams

A & P 2021725



DATE: 11/12/19 MODEL: IO-520-CB SMOH: 512.3 HOBBS: 1823.0
 REG: N112SF S/N: 298725-R

- SERVICE ENGINE WITH 12 QUARTS OF PHILLIPS 20W50 PHILLIPS XC OIL AND 1 OZ OF CAMGUARD.
- INSTALL NEW OIL FILTER P/N: CH48108-1.
- OIL SAMPLE TAKEN.
- COMPRESSION TEST: 1/72, 2/70, 3/70, 4/70, 5/70, 6/75.
- INSTALL NEW ENGINE AIR FILTER ELEMENT P/N: BA7705.

Stephen Stewart

STEPHEN STEWART - A&P 2129169

PERTINENT DETAILS ON FILE: W.O. 112111219



DATE: 11/12/19 MODEL: IO-520-CB SMOH: 512.3 HOBBS: 1823.0
 REG: N112SF S/N: 298725-R

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

Stephen Stewart

STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 112111219



DATE: 04/09/20 MODEL: IO-520-CB SMOH: 550.3 HOBBS: 1861.0
 REG: N112SF S/N: 298725-R

- REMOVE & REPLACE VACUUM PUMP P/N: A442CW-12 S/N: 0A2D04 OVERHAULED BY AERO ACCESSORIES, LLC UNDER WORK ORDER # 10A2D-000 DATED 10/25/19

Christian Munoz

CHRISTIAN MUNOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 112040920

DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Right Engine

Reg: N112SF
Model: IO-520-CB
S/N: 298725-R

Date	1/22/2017
Tach	1695.2
TTAF	5829.7
SMOH	384.5

Drained oil, replaced oil filter with CH48108-1, added 11 Qts Phillips XC 20W50 & 1 pint Camguard.

Authorized Signature


Pilot's License # 3391569



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 09/01/17 MODEL: IO-520-CB SMOH: 429.3 HOBBS: 1740.0
REG: N112SF S/N: 298725-R

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND CW OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.


STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 112090117



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 09/01/17 MODEL: IO-520-CB SMOH: 429.3 HOBBS: 1740.0
REG: N112SF S/N: 298725-R

- 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48108-1.
- 3 OIL SAMPLE TAKEN.
- 4 COMPRESSION TEST: 1/72, 2/62, 3/68, 4/68, 5/68, 6/72.


STEPHEN STEWART - A&P 2129169


PERTINENT DETAILS ON FILE: W.O. 112090117

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Right Engine

Reg: N112SF	Date: 1/12/2016
Model: IO-520-CB	Tach: 1605.2
S/N: 298725-R	TTAF: 5739.7
	SMOH: 294.5


Drained oil, replaced oil filter with CH48108-1, added 11 Qts Phillips XC 20W50 & 1 Qt Camguard.

Authorized Signature 
Pilots License # 3391569

Right Engine

Reg: N112SF	Date: 5/2/2016
Model: IO-520-CB	Tach: 1647.5
S/N: 298725-R	TTAF: 5782
	SMOH: 336.8

Drained oil, replaced oil filter with CH48108-1, added 11 Qts Phillips XC 20W50 & 1 Qt Camguard.

Authorized Signature 
Pilots License # 3391569

ENGINE MODEL: IO-520-CB
ENGINE S/N (R): 298725-R
REG. NO: 112SF
WORK ORDER: 7019-07-2016



Cruiseair Aviation, Inc.
Repair Station No. LF3R655L
2428 Montecito Road
Ramona, CA 92065
Phone: (760)789-8020

DATE: 8/16/2016
A/C TSN: 5798.7
ENG TT (R): 3243.7
TSMOH (R): 353.5
HOBBS: 1664.2

Right Engine Entries

Completed Annual Inspection this date. Compression test 1.68/80 2.70/80 3.76/80 4.72/80 5.72/80 6.74/80. Clean spark plugs and fuel injectors. Wash engine and run up, ok.... Adjusted idle mixture.... Tightened propeller deice canon plug back shell.... Adjusted propeller deice brush block.... Replaced left rear engine baffle support.... Replace alternate air duct.... Replaced fuel control cooling shroud.... Replaced breather tube clamp at intake.... Replaced clamp on breather tube at exhaust clamp.... Repositioned right exhaust hanger clamp and tightened bolts.... Repositioned cylinder heater probes.... Adjusted full throttle fuel flow in accordance with M-11.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. 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. Pertinent details of the repair are on file at this agency on Work Order shown above.

DATE: 8/16/2016

SIGNED:

Jason Bowen
Certified Repair Station No. LF3R655L

Work Order: 7019-07-2016

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DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE _____
TACH OR RECORDING METER TIME _____

Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85309
623-414-4930

Registration: **N112SF**
Date: 12/11/2014
Model: BE-58
S/N: TH-1038

RIGHT ENGINE LOG
W/O: 6001082
Hobbs: 1450.7

Replaced existing Gami injectors for cylinders #1 with new p/n GA173 injector from General Aviation Modifications Inc., reference Certificate of Conformance under s/n 10999 dated 11/19/2014 under Kit No. GAD13A s/n 10999 previously installed under STC SE09217SC. Torqued injector to specified limits, leak checks normal. Installation IAW CMi SB 96-7C.

SIGNATURE: John Fisher *[Signature]*

FAA AUTHORIZATION: 2734397 A&P/IA

2-15	1470.	DRAINED OIL / REMOVED + REPLACED OIL FILTER (CH48108-1)
<i>[Signature]</i>	3074308	CUT / INSPECTED FILTERS → NO ISSUES
		SERVICED 10 QTS PHILLIPS XC2050 + CAMGUARD
4-15	1521.8	DRAINED OIL / REMOVED + REPLACED OIL FILTER (CH48108-1)
<i>[Signature]</i>	3074308	SERVICED 10 QTS PHILLIPS XC2050 + CAMGUARD

Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N112SF**
Date: 6/1/2015
Model: IO-520-CB
S/N: 298725-R

RIGHT ENGINE LOG
W/O: 6001242
Hobbs: 1545.4
TSN: 3124.5
SMOH: 234.7

Complied with an Annual inspection in accordance with 14 CFR 43 Appendix D using Glendale Aero Services Annual / 100-Hour Inspection Checklist. AD's researched thru T-Data content revision 2014-09, see AD compliance list for details.
AD 14-05-29 Superior Air Parts cylinder assemblies is not applicable by cylinder part number and serial numbers installed. Cylinders installed are p/n SA52006-A20P. No further action is required.
 Complied with **Continental CSB08-3C** by installation of new throttle lever Continental p/n 656209-2 and new throttle rod end with Beechcraft p/n 131765-1 on RH engine IAW SB instructions. Adjusted and performed operational check, operation normal.
 Compressions checked IAW CMi **SB 03-3 Section B**; 1-70, 2-72, 3-71, 4-73, 5-73, 6-71 / 80 warmed. Performed a borescope inspection of all cylinders IAW CMi **SB 03-3 Section C**, found all cylinders serviceable at this time.
 Removed, cleaned, gapped and tested all spark plugs. Re-installed using new M-674 gaskets and torque to specified limits.
 Replaced RH engine #6 cylinder spark plug lead end spring p/n M2929.
 Removed RH magneto p/n 10-349350-5 s/n AE1400709 to send out for repair. Re-installed same RH magneto in repaired condition, reference FFA Form 8130-3 from Aircraft Engine Specialists, CRS # ZF7R728Y under w/o WM1975-15-05 dated 5/20/2015 for details. Adjusted timing to specified limits. Ground run-up and operational checks normal with no defects or leaks noted. Maintenance performed IAW Beech 58 MM.
 Magneto to engine timing checked and found within specified limits and no adjustments required.
 Removed existing RH engine motor mounts and replaced with 4 each new LORD mounts p/n J-10778-16. Installed with existing bolts and new locking hardware. Torqued to specified limits in accordance with Beechcraft 55 / 58 AMM Chapter 72-30-00.
 Removed and cleaned main fuel inlet strainer assembly and re-installed with new gasket and safety wire.
 Engine driven fuel system set-up checked IAW SID 97-3F, all pressures found within specified limits and no adjustments required.
 Post inspection full power ground run-up performed with all indications and operations normal and no leaks or defects noted.

I certify this engine has been inspected in accordance with an annual / 100Hr inspection and was determined to be in airworthy condition

SIGNATURE: John Fisher *[Signature]*

FAA AUTHORIZATION: 2734397 IA

Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N112SF**
Date: 8/24/2015
Model: IO-520-CB
S/N: 298725-R

RIGHT ENGINE LOG
W/O: 6001338
Hobbs: 1567.0

Drained engine oil from RH engine, took AOA oil sample to send for analysis. Removed oil filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 11 quarts Phillips XC 20W50 oil. Performed static ground run, leak and operational check normal.

SIGNATURE: Ron Scarborough *[Signature]*

FAA AUTHORIZATION: 3546789 A&P

DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

ATTACH OR
RECORDING
METER TIME

Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: N112SF		RIGHT ENGINE LOG
Date: 7/25/2014	W/O: 6000929	
Model: IO-520-CB	Hobbs: 1316 9	
S/N: 298725-R	TSMOH: 6 2	

Drained engine oil, removed filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 11 quarts Phillips 20W-50 Type M oil. Post maintenance ground run-up and leak check performed with no leaks or defects noted.

SIGNATURE: John Fisher *John Fisher* FAA AUTHORIZATION: 2734397 A&P / IA

Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: N112SF		RIGHT ENGINE LOG
Date: 8/4/2014	W/O: 6000929	
Model: IO-520-CB	Hobbs: 1336.1	
S/N: 298725-R	TSMOH: 25.4	

Drained engine oil, removed filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 11 quarts Phillips 20W-50 Type M oil. Post maintenance ground run-up and leak check performed with no leaks or defects noted.

SIGNATURE: John Fisher *John Fisher* FAA AUTHORIZATION: 2734397 A&P / IA



Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: N112SF		RIGHT ENGINE LOG
Date: 8/26/2014	W/O: 6000986	
Model: IO-520-CB	Hobbs: 1362.1	
S/N: 298725-R	TSMOH: 51.4	

Drained engine oil, collected AOA sample for analysis. Removed filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 11 quarts Phillips XC20W-50 oil. Removed existing engine oil fill tube assembly. Installed serviceable oil fill tube assembly in overhauled condition supplied by Aircraft Engine Specialists using new flange gasket and adapter o-rings. Re-installed existing cap assembly. Removed oil pressure relief valve assembly from engine. Inspected seat and plunger for contamination and defects with no defects noted. Installed serviceable oil pressure relief valve housing using existing serviceable spring, plunger and seat using annular gasket. Torqued to specified limits IAW CMI SB 96-7C and safety wired. Purged RH engine oil cooler of air by disconnecting oil pressure line at engine firewall and motoring engine 6 times with upper plugs removed. No air noted in oil cooler. Re-installed and torque oil pressure line at firewall. Post maintenance ground run-up and operational check performed with all indications normal and no leaks or defects noted.

SIGNATURE: John Fisher *John Fisher* FAA AUTHORIZATION: 2734397 A&P / IA



Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: N112SF		RIGHT ENGINE LOG
Date: 9/3/2014	Hobbs: 1368.1	
Model: 58		
S/N: TH-1038		

Accessed RH engine vacuum pump. Removed pump p/n AA442CW-12 s/n N37438. Installed pump p/n 442CW-12 s/n 821146 in overhauled condition, reference FAA Form 8130-3 from Airpower Accessories under w/o 006620 dated 8/21/14 for details. Pump installed with new flange gasket. Cleared intake and discharge lines of debris. Replaced intake filter with new AAD9-14-5 and in-line filter p/n AA2J4-7. Ground run-up and ops-check normal. MX performed IAW CMI SB96-7C and model 58 Series AMM CH 36-10-00.

SIGNATURE: John Fisher *John Fisher* FAA AUTHORIZATION: 2734397 A&P



Glendale Aero Services
6841 N. Glen Harbor Blvd
Glendale, AZ 85309
623-414-4930

Registration: N112SF		RIGHT ENGINE LOG
Date: 11/11/2014	W/O: 6001021	
Model: BE-58	Hobbs: 1422.0	
S/N: TH-1038		

Drained engine oil, collected AOA sample for analysis. Removed oil filter assembly, cut and inspected filter for metal contamination, filter found normal. Installed new CH48108-1 filter and serviced engine with 10 Quarts Phillips XC 20W-50 oil and 1 pint ASL Camguard. Ground run-up, operational checks normal with no leaks noted. Removed fuel flow divider p/n 631427-2A22 s/n C03DA003R. Installed fuel flow divider p/n 631427-2A22 s/n K199620CR in overhauled condition from Great Planes Fuel Metering, reference FAA Form 8130-3 under w/o 14-548 dated 10/28/2014 for details. Operational check IAW CMI SID 97-3F normal, no leaks were noted. Installation performed IAW CMI SB 96-7C.

SIGNATURE: John Fisher *John Fisher* FAA AUTHORIZATION: 2734397 A&P / IA

DATE TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK Page No.

AUTHORIZED RELEASE CERTIFICATE
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority Country: FAA/United States

2. Form Tracking Number: E5089-14-06

3. Organization Name and Address: Aircraft Engine Specialists, LLC 2330 S. Airport Blvd., Ste. 5, Chandler, AZ 85286

4. Item: 1 TCM Engine

5. Part Number: IO-520-CB

6. Quantity: 1

7. CRS: ZF7R728Y

8. Serial Number: 298725-R

9. Remarks: Disassembled engine, cleaned, inspected, non destructive tested wo N1065-14-06, overhauled, assembled and test run in accordance with TCM Overhaul Manual X30039 and appropriate service bulletins. Following items were replaced with serviceable, repaired or overhauled parts, camshaft wo 214255, lifters wo 225501, oil pump housing, crankshaft pn 642396, sn N415920H, wo 222722, connecting rods. Oil cooler pn 635996, sn L 02-33854-1 overhauled wo 101846 Magneto, 38A3, sn B03DA197R, fuel controller pn 653377-A3, sn A03DA010R and fuel flow divider pn 631427-2A22P, sn C03DA003R overhauled wo 14-371 New Superior cylinders SA52006-A20P, SA52006W, sn's #1-E-14-1484, #2-E14-14185, #3-14-14178, #4-E14-14180, #5-E14-14187, #6-E14-14183. All new seals, gaskets, bearings, bushing, connecting rod bolts, nuts. AD's were checked for compliance, see AD sheet. Engine test run and was found in airworthy. Further details of this engine overhaul may be found at this facility under work order E5089-14-06.

10. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.
 Non-approved design data specified in Block 12.

11. Certifies that unless otherwise specified in block 12, the work identified in Block 11 and Regulations, part 43 and in respect to that work, the items are approved for return to service.
 14 CFR 43.9 Return to Service
 Other regulation specified in Block 12

12. Authorized Signature: [Signature]

13. Approval/Authorization No.: [Blank]

14. Authorized Signature: [Signature]

15. Approval/Certificate No.: ZF7R728Y

16. Name (Typed or Printed): James Volkel

17. Date (dd/mm/yyyy): 16 / JUL / 2014

18. User/Installer Responsibilities: Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

7-16-14
 MODEL: IO-520-CB
 S/N: 298725-R
 TACH READING:
 TTE:
 TSMO: 0.0

Page 1 of 1

AIRCRAFT ENGINE SPECIALISTS, LLC
 2330 SOUTH AIRPORT BOULEVARD, SUITE #5
 CHANDLER, ARIZONA 85286
 (480) 516-0390 CRS # ZF7R728Y

Disassembled engine, cleaned, inspected, non-destructive tested wo N1065-14-06, overhauled, assembled and test run in accordance with TCM Overhaul Manual X30039 and appropriate service bulletins. Following items were replaced with serviceable, repaired or overhauled parts, camshaft wo 214255, lifters wo 225501, oil pump housing, crankshaft pn 642396, sn N415920H, wo 222722, connecting rods. Oil cooler pn 635996, sn L 02-33854-1 overhauled wo 101846 Magneto, 38A3, sn B03DA197R, fuel controller pn 653377-A3, sn A03DA010R and fuel flow divider pn 631427-2A22P, sn C03DA003R overhauled wo 14-371. New Superior cylinders SA52006-A20P, SA52006W, sn's #1-E-14-1484, #2-E14-14185, #3-14-14178, #4-E14-14180, #5-E14-14187, #6-E14-14183. All new seals, gaskets, bearings, bushing, connecting rod bolts, nuts. AD's were checked for compliance, see AD sheet. Engine test run and was found in airworthy. Further details of this engine overhaul may be found at this facility under work order E5089-14-06.

[Signature] James Volkel

Parts Used on WO# E5089-14-06

1	501867	WASHER	1	MS29561-242	O-RING	4	SA649205	SCREW
1	534685	BEARING	1	SA539800M15	SPRING	6	21007	SCREW
1	630680	BEARING	1	SA629163-5	CLAMP	6	656990	SCREW
1	630899	BEARING	1	SA646550-A1	GASKET SET	6	652436-1	CLAMP
1	633845	SCREW	1	SA646592-A1	BEARING SET	6	SA534857-S	GASKET
1	641368	BEARING	1	TC48108	OIL FILTER	6	SA630046	PIN
1	10-349350-4 OHC	MAGNETO (2-4-6 SIDE)	1	X13041	BEARING	8	AEC641931-10.75	THRU BOLT
1	10-349350-5 OHC	MAGNETO OHC	2	1102	PLUG	8	SA350998	BUSHING
1	521649-3	RING	2	641909	PLATE	10	SA642917-1	HOSE
1	539805 U/S	GEAR U/S	2	MS35756-8	KEY	12	654490	NUT
1	629518-1H	PLUG	2	SA632443A-4	NUT, SELF-LOCK	12	655961	CON ROD BOLT
1	629680M10	COLLAR	2	SA643626-103	PIN	12	RHB32S	SPARK PLUG
1	630568 U/S	GEAR U/S	2	SA643626-104	PIN	12	SA642398 M10	BEARING
1	630895 U/S	GEAR SHAFT U/S	3	401752	PLUG	15	653188	WASHER
1	652887-5.31	BOLT	4	402941	PLUG	15	QS100M-36H	CLAMP
1	652887-6.19	STUD	4	655269	BUSHING	16	SA629104	SNAP RING
1	CH48108-1	FILTER	4	654587-.44	BOLT	16	SA639193	BUSHING
1	M1740	HARNES	4	SA643626-105	PIN	16	SA643629	PLATE

-END-

DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TACH OR
RECORDING
METER TIME**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N112SF**

Date: 5/16/2014

Model: IO-520-CB

S/N: 298725-R

W/O: 6000876

Hobbs: 1290.6

TSN: 2869.7

RIGHT ENGINE LOG

SMOH: 801.8

Complied with an Annual Inspection in accordance with 14 CFR 43 Appendix D using Glendale Aero Services Annual / 100-Hour Inspection Checklist. AD's researched thru T-Data content revision 2014-09, see AD compliance list for details.

AD 12-03-06 ASF Fuel servo diaphragm is N/A by no ASF fuel servo diaphragm installed. No further action is required.

Complied with **AD 14-05-29** Superior Air Parts cylinder assemblies by visual inspection and pressure test IAW accomplishment instructions paragraph G(1) thru (3) with no defects noted at this time. Recurring visual inspection and pressure test is next due 1340.6 Hobbs. Cylinders 1 thru 6 are to be removed from service by 5/16/2015.

Drained engine oil, removed oil filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 11 quarts Aeroshell 15W-50 oil.

Compressions checked IAW CMi SB 03-3 Section B; 1-69, 2-67, 3-68, 4-68, 5-64, 6-65 / 80 warmed. Soaped cylinder heads and checked for cracks per AD 14-05-29 accomplishment instructions with no crack indications noted. Performed a borescope inspection of all cylinders IAW CMi SB 03-3 Section C, found all cylinders serviceable at this time.

Magneto to engine timing checked and found within specified limits and no adjustments required.

Replaced all spark plugs with new Tempest URHB32E. Installed using new M-674 gaskets and torque to specified limits.

Removed, cleaned and re-installed all fuel injector nozzles. Re-installed and torqued to specified limits IAW SB 96-7C

Removed and cleaned main fuel inlet strainer assembly and re-installed with new gasket and safety wire.

Installed new vacuum pump cooling shroud assembly p/n 1199-2. Secured existing SCAT hose with Breeze clamps.

Engine driven fuel system set-up checked IAW SID 97-3F, performed adjustment to high end fuel flow to specified limits.

Post inspection full power ground run-up performed with all indications and operations normal and no leaks or defects noted.

I certify this engine has been inspected in accordance with an annual / 100Hr inspection and was determined to be in airworthy condition

SIGNATURE: John Fisher

FAA AUTHORIZATION:

2734397 IA

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N112SF**

Date: 6/18/2014

Model: IO-520-CB

S/N: 298725-R

W/O: 6000929

Hobbs: 1310.7

TSMOH: 821.9

RIGHT ENGINE LOG

Removed engine IO-520-CB s/n 298725-R from RH position of N112SF this date and sent to Aircraft Engine Specialists for repair.

SIGNATURE: John Fisher

FAA AUTHORIZATION:

2734397 A&P / IA

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N112SF**

Date: 7/21/2014

Model: IO-520-CB

S/N: 298725-R

W/O: 6000929

Hobbs: 1310.7

TTE: 2889.8 TSMOH: 0.0

RIGHT ENGINE LOG

Installed engine IO-520-CB s/n 298725-R after major overhaul by Aircraft Engine Specialists CRS No. ZF7R728Y, reference FAA Form 8130-3 under W/O E5089-14-06 dated 7/16/2014 for details. Engine installed with existing serviceable isolator mounts and attaching hardware. Installed new alternator gear / clutch assembly p/n AEC646655 s/n 103815-04, reference FAA Form 8130-3 from Airmotive Engineering Corporation CRS No. PQ0003SW under W/O 142171 dated 6/24/2014 for details. Installed clutch assembly using new p/n 630691 thrust washer, p/n 8X4075 castellated nut and new cotter pin p/n MS24665-302, reference Certificate of Conformance documents under S/O S133022 dated 7/15/2014 from RAM Aircraft for details. Torqued drive coupling with spanner wrench to specified limits and secured IAW TCM SB11-3. Verified zero clutch run-out using calibrated dial caliper. Maintenance performed IAW Model 55/58 Series AMM CH 24-32-00. Re-installed alternator, vacuum pump, propeller governor engine baffling and exhaust system in existing serviceable condition using new flange gaskets and locking hardware where required. Installed starter motor p/n 646275-1 s/n H-O070181 in overhauled condition using new o-ring MS9021-038, reference FAA Form 8130-3 from Hartzell Engine Technologies under w/o M387520 dated 7/8/2014 for details, Re-installed propeller in existing serviceable condition using new o-ring p/n C3317-228 and 6 each new attaching locknuts p/n A2044. Torqued propeller attaching hardware to specified limits, checked blade track and found within specified limits. Maintenance performed IAW Model 55/58 Series AMM Chapter 61-10-00 and Hartzell manual 115N. Rigged engine controls for proper stop to stop operations and secured with new locking hardware. Serviced engine with 12 quarts Phillips 20W-50 Type M oil. Motored engine 6 times for 30 seconds each, with lower spark plugs removed until positive oil pressure indication observed. Installed spark plugs and torqued to specified limits using new M-674 gaskets. Performed initial ground run-up procedures IAW AES recommended break-in sheet. Performed fuel system adjustment procedures IAW CMi SID 97-3F using calibrated gages. Adjusted idle speed, idle mixture and high end fuel flow as required. Full-power run-up performed with all indications and operations normal. No leaks or defects were noted. Maintenance performed in accordance with Continental Motors Inc. IO-520 Series OHL manual, CMi SIL 99-2B, SB 96-7C and Beechcraft model 55/58 Series AMM CH 72-30-00.

SIGNATURE: John Fisher

FAA AUTHORIZATION:

2734397 A&P / IA

DESCRIPTION OF WORK PERFORMED

DATE

TACH OR
RECORDED
MI

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

12/23/2011
Hobbs time 1221.8
A/F Total time 5356.3
TSMOH 733.4

1. Annual inspection completed per FAR 43 and Beech inspection form and maint Manual.
2. Log research completed A.D. notes checked thru 11-25.
3. C/W AD 2009-16-03 inspection of cylinders for cracks is due at 1321.8 hobbs time.
4. Differential compression check reads, 1)72/80 2)69/80 3)66/80 4)65/80 5)66/80 6)62/80.
5. Drained the oil sump, serviced with 11 qts Aeroshell 15W50. Changed the oil filter.
6. Dressed nicks from the propeller blades.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total

Subtract 488.4 from
Hobbs for TSMOH

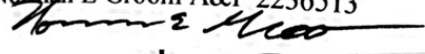
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 12/23/2011.

Norman E. Groom A&P 2236513 IA



Engine Log Entry

Date 6-21-12 TT 1244.4
Drained the oil sump, serviced with 11 qts.
Aeroshell 15W50 oil. Changed the oil filter.
Norman E Groom A&P 2236513



Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

1/30/2013
Hobbs time 1261.2
A/F Total time 5395.7
TSMOH 772.8

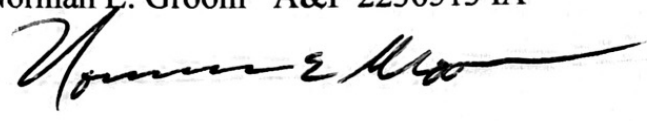
1. Annual inspection completed per FAR 43 and Beech inspection form and maint Manual.
2. Log research completed A.D. notes checked thru 13-02.
3. C/W AD 2009-16-03 inspection of cylinders for cracks is due at 1361.8 hobbs time.
4. Differential compression check reads, 1)76/80 2)72/80 3)65/80 4)68/80 5)66/80 6)64/80.
5. Drained the oil sump, serviced with 11 qts Aeroshell 15W50. Changed the oil filter.
6. Dressed nicks from the propeller blades.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total

Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 1/30/2013.

Norman E. Groom A&P 2236513 IA



DAT

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

10/01/2009
Hobbs time 1098.9
A/F Total time 5233.4
TSMOH 610.5

WORK

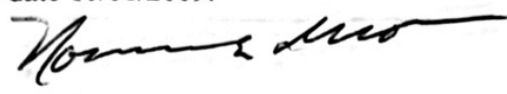
1. Annual inspection completed per Beech inspection form and maint. Manual.
2. Log research completed A.D. notes checked thru 09-20.
3. Differential compression check reads, 1)74/80 2)68/80 3)71/80 4)70/80 5)66/80 6)74/80
4. Drained the oil sump, serviced with 11 qts Aeroshell 15W50. Changed the oil filter.
5. Dressed nicks from the propeller blades.
6. Serviced the propeller-unfeathering accumulator.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total

Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 10/01/2009.

Norman E. Groom A&P 2236513 IA



Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

11/1/2010
Hobbs time 1172.5
A/F Total time 5307.4
TSMOH 684.1

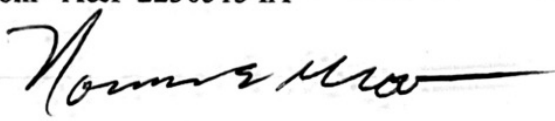
1. Annual inspection completed per FAR 43 and Beech inspection form and maint Manual.
2. Log research completed A.D. notes checked thru 10-21.
3. C/W AD 2009-16-03 inspection of cylinders for cracks is due at 1238.4 hobbs time.
4. Differential compression check reads, 1)71/80 2)69/80 3)75/80 4)74/80 5)65/80 6)68/80.
5. Drained the oil sump, serviced with 11 qts Aeroshell 15W50. Changed the oil filter.
6. Dressed nicks from the propeller blades.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total

Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 11/1/2010.

Norman E. Groom A&P 2236513 IA



DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE TACH OR RECORDING METER TIME

Engine Log Entry
Date _____ TT _____
Drained the oil sump, serviced with 11 qts.
Aeroshell 15W50 oil. ~~Changed the oil filter.~~
Norman E Groom A&P 2236513

Engine Log Entry
Date 6/22/08 TT 1011.0 14065
Drained the oil sump, serviced with 11 qts.
Aeroshell 15W50 oil. Changed the oil filter.
Norman E Groom A&P 2236513
Norman E Groom

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

9/29/2008
Hobbs time 1037.2
A/F Total time 5171.7
TSMOH 476.7

1. Annual inspection completed per Beech inspection form and maint. Manual.
2. Log research completed A.D. notes checked thru 08-19.
3. Differential compression check reads, 1)73/80 2)66/80 3)72/80 4)68/80 5)66/80 6)71/80
4. Drained the oil sump, serviced with 11 qts Aeroshell 15W50. Changed the oil filter.
5. Dressed nicks from the propeller blades.
6. Serviced the propeller-unfeathering accumulator.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To Hobbs for total
Subtract 488.4 from Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 9/29/2008.
Norman E. Groom A&P 2236513 IA

Norman E Groom

Engine Log Entry
Date 5-26-09 TT 1062.0
Drained the oil sump, serviced with 11 qts.
Aeroshell 15W50 oil. Changed the oil filter.
Norman E Groom A&P 2236513
Norman E Groom

1037.4
6/25/09
Oil in sump
oil/dred 1550 Aeroshell 11 qts no filter or air

DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE TACH OR RECORDING METER TIME

-19-04 858.5 : HOBBS 410.1 : TSMOH 2478.0 : ENG. T.T.

INSPECTION PERFORMED ON ENGINE IN W
BEECHERAST MAINT. MANUAL AND SAR PART 43.

Oil changed	<u>X</u>	Screens checked	<u>X</u>
Sparkplugs cleaned/gapped	<u>X</u>	Compression	<u>X</u>
Mag - Points & Timing	<u>X</u>	Filter checked/changed	<u>X</u>
Fuel System Checked/draind	<u>X</u>	Engine washed	<u>X</u>
Prop and Spinner	<u>X</u>	Engine operated	<u>X</u>
Baffling and Cowling	<u>X</u>	Engine mount	<u>X</u>
Loose Hardware checked	<u>X</u>	AD notes	<u>X</u>
		Exhaust system	<u>X</u>

Additions SEE A.D. LIST FOR COMPLIANCE DATED THIS INSPECTION
OIL & FILTER CHANGED WITH AEROSHELL 15-50

I certify that this engine has been inspected in accordance with a/an ANNUAL inspection and determined to be in an airworthy condition.

COMPRESSION TEST

1	2	3	4	5	6
70/80	70/80	69/80	72/80	68/80	72/80

Norman E. Groom A&P 2236513 IA

918.1 oil change 15-50 Aeroshell 12 qts 9/9

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

9/9/2007
Hobbs time 965.1
A/F Total time 5099.6
TSMOH 476.7

1. Annual inspection completed per Beech inspection form and maint. Manual.
2. Log research completed A.D. notes checked thru 07-19.
3. Differential compression check reads, *1)40/80 2)68/80 3)70/80 4)70/80 5)66/80 *6)321/80
4. Drained the oil sump, serviced with 12 qts Aeroshell 15W5. Changed the oil filter.
5. Dressed nicks from the propeller blades.
6. Serviced the propeller-unfeathering accumulator.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. *Removed the # 1 & 6 cylinders, Sent to Poplar Grove Airmotive for repair reinstalled cylinders with new gaskets and seals.
12. Sent mags out for 500 hr inspection, reinstalled and timed.
13. Sent the alternator out for 500 hour bearing inspection, reinstalled after work was completed.
14. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total
Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 9/9/2007.

Norman E. Groom A&P 2236513 IA

Norman E. Groom

DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE TACH OR RECORDING METER TIME

Engine Log Entry
Date 12-21-05 T.T. 868.3
Drained the oil sump, serviced with 11 Qts
Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

2/2/2006
Hobbs time 869.0
A/F Total time 5003.5
TSMOH 380.6

1. Annual inspection completed per Beech inspection form and maint. Manual.
2. Log research completed A.D. notes checked thru 06-02
3. Differential compression check reads, *1)20/80 2)69/80 3)74/80 4)74/80 5)72/80 6)71/80
4. Drained the oil sump, serviced with 12 qts Aeroshell 65 30 wt oil, changed the oil filter.
5. Dressed nicks from the propeller blades.
6. Serviced the propeller unfeathering accumulator.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705.
11. *Removed the # 1 cylinder Sent to Poplar Grove Airmotive for repair reinstalled cylinder with new gaskets and seals.
12. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To Hobbs for total
Subtract 488.4 from Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 2/2/2006.

Norman E. Groom A&P 2236513 IA

Norman E. Groom

Engine Log Book Entry A/F.T. 5003.5

Date: 2-2-06

Engine Time: 380.6

Installed the TAS100 preheater system, S/N 39114 in accordance with Tanis Aircraft Services instructions and drawing NO. 100C REV 1

This replaces old existing TANIS HEATER SYSTEM

Name: *Norman E. Groom*

A & P#: 2236513

DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

REMOVED THE PROP GOV AND SENT TO AIRCRAFT SYSTEMS FOR REPAIR. REINSTALLED GOV OPS CHECK GOOD A&P 2236513 Norman E Groom

Engine Log Entry

Date 9-13-04 T.T. 682.0
Drained the oil sump, serviced with 11 Qts Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

Engine Log Entry

Date 10-14-04 T.T. 708.5
Drained the oil sump, serviced with 11 Qts Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W
S/N 298725R

Right Engine Log Entry

1/5/2005
Hobbs time 730.1
A/F Total time 4864.6
TSMOH 241.7

- Annual inspection completed per Beech inspection form and maint. Manual.
- Log research completed A.D. notes checked thru 05-02
- Differential compression check reads, 1)74/80 2)72/80 3)74/80 4)74/80 5)72/80 6)72/80
- Drained the oil sump, serviced with 11 qts Aeroshell 15W50 oil, changed the oil filter.
- Dressed nicks from the propeller blades.
- Serviced the propeller unfeathering accumulator.
- Cleaned the fuel injector screen.
- Cleaned gapped and tested the spark plugs.
- Cleaned the fuel injector nozzles.
- Installed a new induction air filter P/N BA-7705
- Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total

Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 1/5/2005.

Norman E. Groom A&P 2236513 IA

Norman E Groom

Engine Log Entry

Date 3-9-05 T.T. 760.9
Drained the oil sump, serviced with 10 Qts Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

Engine Log Entry

Date _____ T.T. 7
Drained the oil sump, serviced with 12 Qts Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

Engine Log Entry

Date 8-2-05 T.T. 810.9
Drained the oil sump, serviced with 11 Qts Aeroshell 15W50 oil. Changed the oil filter
Norman E Groom A&P 2236513

9/26/05 T.T. 836.

61A1M Sump
11 Pts oil / 1550 Qts shell
Sample sent for analysis

Beech 58
N112SF
S/N TH-1038

Right Engine Log Entry

07/27/2003
Hobbs time 488.4
A/F Total time 4623.3
TSMOH 00.0

Page No.

1000

1. Removed the existing right hand engine IO-520-CB S/N 282241R and installed A Western Skyways overhauled Superior Millennium engine model IO-520-CB (8W) S/N 298725R. Ran the engine and made all necessary adjustments.
2. Sent the engine mount out for overhaul. Installed the mount with new bolts and nuts.
3. Installed new engine mount vibration isolators.
4. Installed new fuel and oil hoses.
5. The Propeller, Prop governor, and tach generator where overhauled.
6. Installed new De-icer brushes.
7. Installed D'Shannon Products engine baffling kit per STC SA09220SC and supplied Drawings and installation manual.
8. Sent the exhaust system out for overhaul.
9. Installed a new capacitor on the alternator.
- 10 Installed General Aviation Modification, Inc. GAMInjectors Kit No. GAD13A S/N 10999 Per STC No. SE09217SC
11. Washed the engine with solvent test ran and flew, checked for oil leaks.

This aircraft is approved for return to service.

Norman E. Groom A&P 2236513 IA

Norman E. Groom

Date 7-2-03 Total Time 512.2 HOBBS Date 8-1-03 Total Time 537.7 HOBBS

Drained the oil sump, serviced with 11 Qts. Aeroshell 15W50 oil and changed the oil filter.

Norman E. Groom
A&P 2236513

Drained the oil sump, serviced with 11 Qts. Aeroshell 15W50 oil and changed the oil filter.

Norman E. Groom
A&P 2236513

Beech 58
N112SF S/N TH-1038
Cont IO-520-CB-8W Right Engine Log Entry
S/N 298725R

12-08-03
Hobbs time 587.8
A/F Total time 4722.30
TSMOH 99.4

1. Annual inspection completed per Beech inspection form and maint. manual.
2. Log research completed A.D. notes checked thru 03-24
3. Differential compression check reads, 1)74/80 2)72/80 3)74/80 4)74/80 5)72/80 6)72/80
4. Drained the oil sump, serviced with 11 qts Aeroshell 15W50 oil, changed the oil filter.
5. Dressed nicks from the propeller blades.
6. Serviced the propeller unfeathering accumulator.
7. Cleaned the fuel injector screen.
8. Cleaned gapped and tested the spark plugs.
9. Cleaned the fuel injector nozzles.
10. Installed a new induction air filter P/N BA-7705
11. Washed the engine with solvent and checked for oil leaks.

Add 4134.5 To
Hobbs for total
Subtract 488.4 from
Hobbs for TSMOH

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition this date 12-08-03.

Norman E. Groom A&P 2236513 IA

Norman E. Groom

Date 4-1-07 Total Time 634.1 HOBBS Date 6-11-04 Total Time 658.0

Drained the oil sump, serviced with 11 Qts. Aeroshell 15W50 oil and changed the oil filter.

Norman E. Groom
A&P 2236513

Drained the oil sump, serviced with 11 Qts. Aeroshell 15W50 oil and changed the oil filter.

Norman E. Groom
A&P 2236513

DATE

TACH OR
RECORDING
METER TIMEDESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**WESTERN**
Skyways
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com(800) 675-8829
(970) 249-0292
FAX: (970) 249-4196

Engine Make: CONTINENTAL Model: IO-520-CB
 Serial Number: 298725-R W/O No: S2405 Date: 05/16/03
 Warranty Number: 1635 Warranty Start Date: 06/03
 Crankshaft Serial No: N03AA037 Cylinder Part Number: SA52000-A20P

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: X30039A See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 2067.9 Hrs.

This engine meets requirements of CONTINENTAL SIL98-9 for 1700.0 Hour TBO.

The accessories listed below were overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	BL-349350-4	F03DA072R	Vac Pump:	N/A	N/A
R/H Mag:	BL-349350-5	F03DA160R	Wastegate:	N/A	N/A
Fuel Pump:	646212-38A3	B03DA197R	Alt/Gen:	N/A	N/A
Inj/Carb:	653377-A3	A03DA010	Pop Off.:	N/A	N/A
Man Valve:	631427-2A22	C03DA003R	Controller:	N/A	N/A
Starter:	ES646275-1	C091985	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Fuel Limiter:	N/A	N/A
			Tach Gen-	N/A	N/A
			Hyd Pump:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature

Repair Station No. WS9R575J