

N5765M

1969 Cessna T310P

Right Engine Logbooks (1981-Current)



RidgeAir
WORLDWIDE
aviation specialists

MSN: 310P0065

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

THIS ENGINE REQUIRES THE USE OF ASHLESS
DISPERSANT OIL IN ACCORDANCE WITH MIL-L-22851
RECOMMENDED OIL GRADES:
ABOVE 60°F - USE SAE 50 OR 60 WT.
BELOW 30°F - USE SAE 40 WT.
EXTREME COLD-PREHEATING OF ENGINE OIL
WILL BE REQUIRED REGARDLESS OF GRADE USED

The Standard



ENGINE LOG

RH Engine Logbook #2
N5765M AF S/N 310P0065
Engine M/N TSIO-520-B
Engine SN 145681-8-B
11/10/1981 - _____

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER CONTINENTAL MODEL T510-520-B

SERIAL 145681-8-B TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N5705M

MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

The Standard

 **ENGINE LOG**

NOTES

Mc CAULEY 3AF33087 N
PROP. HUB SERIAL # 727232

MAKE Continental MODEL TSIO-520-B
S/N 145681-8-B DATE 10 November 1981



Schneck Aviation, Inc. certifies that this engine has been disassembled, inspected, overhauled, reassembled and tested in accordance with current recommended procedures and all clearances and tolerances are within the new limits for parts as manufactured. Procedures and limits used are as contained in the F.A.A. Approved Major Overhaul Manual supplied by Continental.

A listing of applicable Airworthiness Directives, factory service bulletins, letters and instructions complied with is attached and a part of this release.

A comprehensive performance inspection and run-in was conducted in a precision test cell and engine meets design criteria.

Schneck certifies the engine identified below was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the overhaul are on file at this Repair Station under work order number 20539.

SIGNED: *W. L. Lutz*

C.R.S. # 2150

PREVIOUS ENGINE HOURS: 1458.6

FOR:

SCHNECK AVIATION, INC.

1222 99th St.

San Antonio, Texas 78214

F.A.A. Approved Repair Station No. 2150

Continental TSI0-520-B
S/N 145681-8-B

SCHNECK AVIATION, INC.
1222 99th AVENUE
STINSON MUNICIPAL AIRPORT
SAN ANTONIO, TEXAS 78214

10 November 1981
W. O. 20539
T. T. 1458.6
TSMOH 00:00

A. D. NOTE STATUS

71-9-3 Fuel injection pump inspection. C/W
72-24-3 Oil filter adapter and filter replacement. C/W
73-7-4 Replacement ignition coil and rotating magnets. C/W
74-26-9 Inspection magneto for solid steel driveshaft bushing. N/A
77-13-22 Crankcase inspection for cracks. N/A
78-06-01 Replacement of #2 cylinder intake tube (-J & -N). N/A
78-09-07 Inspection of S-20, S-1200, and D-2000 series magnetos. N/A
79-05-09 Oil pressure relief valve plunger and screw. C/W

MANUFACTURER SERVICE BULLETIN STATUS

SB M80-27 Magneto timing. C/W
SB M81-2 Crankshaft ultrasonic inspection. C/W
SB M74-12 Crankshaft counterweight location. C/W
SB M74-8 Discontinuance of lockwashers. C/W
SB M73-5 Crankshaft counterweight inspection. C/W
SB M72-8 New design splined scavenge pump shaft and gear assembly. C/W
SB M70-7 Increasing size of oil feed hole to starter adapter. P/C/W
SB M80-13 100% replacement parts at overhaul. C/W
SB M76-4 Installation instruction for propeller shaft seal. C/W
SB M76-20 Oil filter change. C/W
SB M77-9 Thru-bolt change. C/W
SB M77-14 Crankcase identification, inspection, and replacement. C/W
SB M77-2 Exhaust rocker arm inspection. C/W
SB M78-3 Governor oil transfer collar sleeve. N/A
SB M80-15 Crankcase cylinder deck studs. C/W

SCHNECK AVIATION, INC.
1222 99th AVENUE
STINSON MUNICIPAL AIRPORT
SAN ANTONIO, TEXAS 78214

S. R. Install and bore rocker arm bushings. C/W
S. R. Install and bore connecting rod bushings. C/W

ACCESSORIES

Ignition Harness: Skytronics, New.
Magneto: Bendix, S/N A41029 Overhauled and bench tested.
Magneto: Bendix, S/N A38489 Overhauled and bench tested.
Fuel Injection: Continental, S/N M19512 Overhauled and bench tested.

THIS ENGINE EQUIPPED WITH STANDARD CHROME CYLINDERS

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Date <u>2-1-83</u> Tach <u>1526.9 W/0 10311</u></p>
				<p>I Certify That This <u>ENGINE</u> Has Been Inspected in Accordance With a <u>100 HR</u> Inspection Form and was Approved For Return To Service.</p>
				<p>Schneck Aviation, Inc. Repair Station #408-96</p>
				<p><u>B. J. Engel</u> Authorized Signature</p>
				<p>Date <u>9-14-83</u> Tach <u>1552.9 W/0 10529</u></p>
				<p>I Certify That This <u>ENGINE</u> Has Been Inspected in Accordance With a <u>25 HR</u> Inspection Form and was Approved For Return To Service.</p>
				<p>Schneck Aviation, Inc. Repair Station #408-96</p>
				<p><u>B. J. Engel</u> Authorized Signature</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/15/87	HOBBS	1666.6	T. 1666.-	<p>smoth 208 - Performed ANNUAL inspection in accordance with CESSNA Inspection Form, CHANGED OIL + FILTER serviced with AEROSHELL 50 WT. CLEANED + GAPPED SPARK PLUGS, COMPRESSION TEST ① ⁷⁴80 ② ⁷⁸80 ③ ⁷²80 ④ ⁷⁶80 ⑤ ⁷⁶80 ⑥ ⁷⁴80</p> <p>Reinstalled LH exhaust BANK #2 CYLINDER AFTER repair by ADVANCED WELDING W.O. 1951, 7-14-87 see ATTACHED MAINTENANCE release TAG, CW AD 75-23-08 by inspection of exhaust PART I, OK</p>
<p>COMES GATES ARAPAHOE 7605 S. PEORIA W.O.# 52912 ENGLEWOOD, CO 80112</p>				<p>I hereby certify that the ENG has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Date: 7/15/87 1666.6 1666.6 170422335</p> <p><i>Thomas C. Fullon</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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8/29/88	HOBBS	1709.- Th 1709.-	TSMOH 251.-	Performed ANNUAL inspection in accordance with CESSNA inspection form, cleaned & GAPPED SPARK PLUGS, cleaned Breather screen, cleaned fuel control screen, compression TEST 1 28 28, 2 28 28, 3 28 28, 4 28 28, 5 28 28, 6 28 28, Replaced Exhaust Slip Joint Bolts.
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COMBS GATES AIRPANEL
7505 S. PEORIA W. O. #61871
ENGLEWOOD, CO 80112

I hereby certify that the **ENG** inspected in accordance with a **ANNUAL** inspection and was determined to be in airworthy condition. Date **8/29/88**
Tach Reading **1709** hrs
Total Time A/C - **251** hrs

Thomas C. Sutton 170422335

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-25-89	TACH	1739.4	WD.# 1547	<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSP. I.A.W. A 2.5 HR. INSP. & WAS APPROVED FOR RETURN TO SERVICE.</p> <p>B2 Angel A+P 1329900 AVIATION CENTER, INC. PAWEE SPRINGS, CAL.</p>
11/8/89	Hertz	1738.2	100 hours	<p>Annual inspection performed I.A.W. inspection form and Cessna guidelines. Compression check over 80 PSI is ① 70 ② 70 ③ 74 ④ 72 ⑤ 74 ⑥ 71. Oil changed and 11 qts Pennell 100W installed. Oil filter inspected and new CH 48108 filter installed. Installed new fuel line between metering unit & fuel pressure switch using MIL 8497-4 hose. Cleaned & inspected spark plugs. Complied with AD 75-23-08R5 visual inspection of exhaust system, AD 72-14-08R1 flex hoses by visual inspection, 70-03-04R1 DNA due to heat shield previously installed, AD 84-26-02 ind. Air filter by visual inspection change due at 1883 hrs. AD's checked</p>

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 1989	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
11/8/89	Cont.	AD	89-21	and no others apply this engine and prop. installed one new MVT 64832 clamp for AD 75-23-08R5 part II clamp change every 400 hours, now due at 2138.2. Approved for return to service this date. Robert C. Harrell for Redlands Aviation Corp R.S. 408-89
6/15/90	HO	335	175%	- CHANGED OIL & FILTER, SERVICED WITH 50 WT. AeroShell. Thomas P. Fulton ATP170422335
	COMBS GATES	ARAPAHOE		
	7806 S. PEORIA			
	ENGLEWOOD, CO	80112		

DATE 12-17-90	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-17	TACH: 1779.1		330.5 HRS	OIL & FILTER CHANGED 119TS Aero-Snell 100W. Comp. @ 80 PSI. #1-70 #2-76 #3-75 #4-70 #5-71 #6-72 C/W A.D. 75-23-08 B5 PART I By VISUAL INSPECTION. C/W A.D. 72-14-08 B1 By VISUAL INSPECTION. (PROP. 320.5 HRS / 12-18-81)
				DATE: 12-17-90 I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>A 100 HR / ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN SERVICE. PERTINENT DETAILS ON FILE UNDER ORDER NUMBER <u>1588</u> HOUR METER/ENGINE TACH. <u>1779.1</u> TOTAL TIME <u>330.5 S.M.O.W.</u> A.D. NOTES THROUGH ISSUE NUMBER <u>90-22</u> COMPLIANCE RECORDED: <u>25 269</u> AUTHORIZED SIGNATURE: <u>Richard J. Dwyer</u>
				REDLANDS AVIATION FAA REPAIR STATION R008 497H 1795 Sassums Drive Redlands, California 92374

DATE 19 <u>90</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-21-90				
				DYNAMIC BALANCED PROPELLER IN ACCORDANCE WITH CHADWICK HELMUTH FAA APPROVAL MANUAL AW-9511-2
				ADDED <u>6.8</u> GRAMS TO <u>3</u> O'CLOCK POSITION.
				TACH <u>1780</u> HRS; DATE <u>12-21-90</u> IPS BEFORE <u>3</u>
				IPS FINAL <u>05</u>
				DONALD F. ALLISON & P - I.A. 1481667 • 1-800-562-SPIN

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N5765M S/N0065 RIGHT ENGINE
 JULY 1, 1996 HOBBS 1886.9 SMOH 428.3 PSMOH 00:00
 CHANGE OIL & FILTER, 11QTS AERO-SHELL 100W
 COMP. #1-70/80, #2-72/80, #3-74/80, #4-74/80, #5-70/80, #6-70/80
 SEE AIRFRAME FOR A.D. COMPLIANCE.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. A 100 HR. INSP. AND WAS
 FOUND TO BE IN AIRWORTHY CONDITION. DETAILS UNDER W.O. #1571.

SIGNED Richard L. Dye FOR DESERT AIRLINES
 A&P 1329900 79-880 AVENUE 42
 BERMUDA DUNES, CA 92201

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION
 AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

SIGNED H. E. Harrison FOR DESERT AIRLINES
 A&P 1554777 IA 79-880 AVENUE 42
 BERMUDA DUNES, CA 92201

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-21-97	1891.7			Replaced Following Fuel & Oil Hoses, made up by "Herber A/c"
				OIL COOLER TO W.G.
				OIL COOLER TO TURBO.
				CONTROLLER TO CASE
				FUEL SUPPLY LINE.
				VAPOR RETURN LINE.
				UN-METERED FUEL LINE FROM PUMP
				METERED RETURN LINE TO PUMP.
				#3 FUEL FLOW LINE
				SCAVENGE PUMP SUCTION LINE
				FUEL PRESSURE SWITCH LINE.
				ALL LINES ARE "TEFLON"
				<p style="text-align: center;">DESERT AIRLINES</p> <p>WO# <u>1696</u></p> <p>X <u>R2 Rungal</u> Av P <u>132 9900</u></p>

DATE 19-97	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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8-8	1893.2		434.6	<p>Compression test: #1) 73 #2) 75 #3) 75 #4) 72 #5) 70 #6) 76 over 80 PSI Changed oil + filter services with AERO Shell 100 w 50 oil. Cleaned regapped and tested all Spark plugs. Pressure tested fuel system found no leaks. (AD72-14-08R1)</p>
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TACH TIME 1893.2 TOTAL TIME 434.65 MOH

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
 WAS FOUND TO BE IN AN AIRWORTHY CONDITION.
 ALL DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY
 UNDER WORK ORDER # 1661

DATE 8-8-97 SIG [Signature]
 IA 467336414

DATE 1998 **RECORDING TACH TIME** **TODAYS FLIGHT** **TOTAL TIME IN SERVICE** **DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS**
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

1900.3 441.7 SMOH
 Compression test: #1) 74 #2) 74 #3) 76
 #4) 72 #5) 72 #6) 74 over 80 PSI
 - changed oil & further serviced with
 APPROX 100 WSO oil
 cleaned and tested spark plugs -
 supplied with AD 72-14-OR, pressure
 test fuel pipes.

TACH TIME 1900.3 TOTAL TIME 441.7 SMOH

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH AIAN ANNUAL INSPECTION AND
 WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

ALL DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY
 UNDER WORK ORDER # 2074

DATE 9-1-98 SIG. [Signature]

I 046 2326914

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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L-08 AIRCRAFT MAINTENANCE
424 N. Civic Dr. Palm Springs, CA. 92262

Date 04/02/2003
MODEL T310P
S/N 310P-0065
N 5765M

POSITION Right
HOBBS 1911.7
TTAF 1911.7
TSMOH 453.1

I certify that this engine was inspected in accordance with an 100hr/annual inspection as per FAR43 appendix D & Cessna Service Manual. Compression test done #1 70/80, #2 66/80, #3 75/80, #4 68/80, #5 71/80, #6 74/80. Drained oil, cut filter. No metal found. Serviced with 12qts Aeroshell 100W & CH48108 filter. Engine controls checked and lubed. Checked magneto timing. Cleaned, gapped and tested spark plugs. Adjusted fuel flow settings to specifications. Installed new gasket in oil separator. Cleaned all fuel injectors using the ultrasonic method. Wash down engine. Ground run and leak check Ok. Checked AD compliance through this date, see attached signed compliance record with aircraft records. See W/O# 4178 on file at this facility for further details. All work completed in accordance with Cessna Service Manual. I certify that this engine is airworthy and approved for return to service.

Sign. *Rodney L. Hamley* A&P 135388626
--END--

L-08 AIRCRAFT MAINTENANCE
424 N. Civic Dr. Palm Springs, CA. 92262

Date 04/02/2003	POSITION Right
MODEL T310P	HOBBS 1911.7
S/N 310P-0065	TTAF 1911.7
N 5765M	TSMOH 453.1

I certify that this engine was inspected in accordance with an 100hr/annual inspection as per FAR43 appendix D & Cessna Service Manual. Compression test done #1 70/80, #2 66/80, #3 75/80, #4 68/80, #5 71/80, #6 74/80. Drained oil, cut filter. No metal found. Serviced with 12qts Aeroshell 100W & CH48108 filter. Engine controls checked and lubed. Checked magneto timing. Cleaned, gapped and tested spark plugs. Adjusted fuel flow settings to specifications. Installed new gasket in oil separator. Cleaned all fuel injectors using the ultrasonic method. Wash down engine. Ground run and leak check Ok. Checked AD compliance through this date, see attached signed compliance record with aircraft records. See W/O# 4178 on file at this facility for further details. All work completed in accordance with Cessna Service Manual. I certify that this engine is airworthy and approved for return to service.

Sign.
--END--

A&P 135388626

Tom's Aircraft Maintenance Inc

Phone 1-562-426-5331

FAX 1-562-426 1052

2641 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806

N5765M DATE 11/11/2003 HOBBS 1916.5 SO# 03-13117
RH ENGINE

CHANGED THE OIL AND THE FILTER. ADDED 10 QTS
AERO SHELL 100W OIL. INSTALLED ALL NEW SPRAK
PLUGS. WASHED AND RAN THE ENGINE. NO LEAKS.
THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

FRANCIS SALISBURY FAA REPAIR STATION VTMR569K

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

Vertical lines for recording data in the table.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**N5765M (Right Engine Logs)
TSIO520-B S/N 145681-8-B**

Removed left/right mags and completed 500 hr. Inspection
 (Disassembled inspected, cleaned, reset E gaps, Reassembled and retimed to engine
 CW AD94-01-03R2 eff. 6/28/95 Bendix mag coil and rotors left/right. Found rotors OK and replaced mag coils with new units #10-357165-1.
 Removed leaking fuel air control and installed serviceable #632916-8 s/n J258427R8. fuel/air controller and reset fuel system per
 TCM SID97-3 Fuel flow injection system adjustment.
 Removed right wastegate and installed serviceable wastegate assembly #470908.
 CW TCM SID97-3 Fuel flow injection system adjustment.

DATE 3/15/2004 TACH/HOBBS 1929.6 Engine TT 1929.6 TSMOVH 471.0

ANTHONY R. SAXTON AP270560767IA *Anthony R. Saxton*

RONIG AIR SERVICE AFTT : 2012.4 TSMOH: 553.0
115A AIRPORT RD HOBBS: 2012.4 Date: 02/10/06
NEWNAN GA 30263 REGISTRATION: N5765M RT

1. Performed Annual Inspection IAW Cessna T310P Inspection Guide.
2. Comp Check #1 75/ 80, #2 76/80, #3 75/80, #473/80, #5 78/80, #6 77/80
3. Changed oil and filter serviced with Aeroshell 100 plus.

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

RICKY RONIG AP3187147IA *Ricky Ronig*

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19__				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

RONIG AIR SERVICE
115A AIRPORT RD
NEWNAN GA 30263

AFTT : 2094.4 TSMOH: 635.8
HOBBS: 2094.4 Date: 05/10/07
REGISTRATION: N5765M RT

1. Performed Annual Inspection IAW Cessna T310P Inspection Guide.
2. Comp Check #1 77/ 80, #2 77/80, #3 75/80, #4 73/80, #5 77/80, #6 74/80
3. Changed oil and filter serviced with Aeroshell 100 plus.

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

RICKY RONIG AP3187147IA




2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 11933 31-August-2009 WO# 9361
 N5765M S/N 65 PIPER 310P
 HOBBS 2170.8

*** RIGHT ENGINE LOG ENTRY ***

REPLACED RIGHT ALTERNATOR WITH OVERHAULED UNIT BY AEROTECH OF LOUISVILLE, INC. WO#94282 DATED 04-27-2009 AND REPLACED RIGHT ALTERNATOR NOISE FILTER P/N S1915-1. RAN ENGINE - ALL CHECKS NORMAL.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#9361 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


 Signed DK7R795J FOR DLK AVIATION, INC.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 12158 16-December-2009 WO# 9374
 N5765M S/N 65 PIPER 310P
 HOBBS 2179.3
 TTRTENG 2179.3 TTSMOH 720.7

*** RIGHT ENGINE LOG ENTRY ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: FUEL INJECTION LINE CLAMP P/N 652463-1, #3 CHT PROBE P/N M-113, ONE CLAMP, TWO EXHAUST COUPLINGS, TWO EXHAUST SPRINGS P/N 1298119-4. REATTACHED PROPELLER ACTUATOR SYNCHRONIZER CABLE. RETORQUED ROCKER BOX COVER SCREWS. ROTATED SEVERAL PUSH ROD TUBES TO SEAT SEALS. REPAIRED AIR BOX. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS. PERFORMED COMPRESSION CHECK: #1 70/80 #2 68/80 #3 65/80 #4 72/80 #5 67/80 #6 72/80. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3D. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#9374 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donal L Kendall

Signed DK7R795J FOR DLK AVIATION, INC.

DATE

19__



AIRCRAFT REG: N5765M

MFG: TCM (Right)

MODEL: TSIO-520-B

SERIAL: 145681-8-B

HOUR METER: 2218.1

DATE: 3/7/12

WORK PACKAGE: P3505

TACH TIME: n/a

TOTAL TIME: 2259.1

TSMOH: 800.5

IS
ER OF
TRIES.)

Performed 100 hour service and inspection. Drained engine oil. Cut open and inspected old oil filter; no metal noted in old filter. Installed new oil filter and serviced with Phillips 20W50 X/C oil. Cleaned fuel control unit inlet fuel screen and reinstalled with new gasket. Cleaned, inspected, regapped and rotated spark plugs. Performed cylinder differential compression test referencing TCM SB3-03; #1- 79/80, #2- 79/80, #3- 78/80, #4 -79/80, #5 -76/80, #6- 78/80. Inspected cylinders per part 1 of TCM Service Bulletin 96-12. Checked magneto to engine timing per TCM MSB94-8D. Adjusted engine driven fuel pump pressures referencing SID 97-3E. AD 39-24-01 R1 amendment 39-666, dated August 10, 1990, prevention of possible failure of Scavenge Oil Pump Gears is due.

I certify that this aircraft has been inspected in accordance with a 100 Hour Inspection and a list of discrepancies and unairworthy items dated 3/7/2012 has been provided for the aircraft owner or operator.

Signed:

Steven Morgan

for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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GARDNER AVIATION SPECIALIST, INC. D/B/A GARDNER AVIATION SERVICES 500 AVIATION WAY, B-5
 LOG ID# 7979 02-August-2012 WO# 29059/1 REF# 29059 HOBBS 2218.9 Pg 1 / 1
 N5765M S/N 310P0065 CESSNA T-310P

REMOVED COWLINGS COMPRESSION CHECK ON CYL2. CLEANED, GAPPED, RECHECKED SPARK PLUGS FOR CYL 2. TEST
 COMPRESSION IN #2 CYLINDER 80 PSI. CHANGED UPPER AND LOWER SPARK PLUGS I/A/W TCM TS10-520-B MM.
 REINSTALLED REMOVED COWLINGS IN REVERSE ORDER I/A/W T-310P AMM. PERFORMED HIGH POWER RUNS OPS
 CHECKED GOOD AT THIS TIME. ADJUSTED RIGHT ENG FUEL AIR MIXTURE AND IDLE CONTROL ALL I/A/W TCM
 TS10-520-B MM. PERFORMED HIGH POWER RUNS OPS CHECKED GOOD AT THIS TIME.

MAINTENANCE RELEASE/RETURN TO SERVICE CRS# G3SR222J/EASA.145.6335
 THE AIRCRAFT, AIRFRAME, ENGINE, OR APPLIANCE IDENTIFIED AND INSPECTED IN ACCORDANCE WITH CURRENT
 REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.


 AUTHORIZED SIGNATURE

8-2-12
 DATE

GUNNISON VALLEY AVIATION, LLC


1 Airport Road, Gunnison, Co. 81230. (970) 641-0526 FAX (970) 641-4089

12/13/2012 N5765M Tach 2253.0

Installed reman starter , P/N 64275-1R ,S/N H-M082988 per TCM manual, opps checked
 satisfactory.

-----END-----

Jerold R. Jones


 AP 3374860

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AIRCRAFT REG: N576EM

DATE: 4/16/13

MFG: TCM (Light)

WORK PACKAGE: P4285

MODEL: TSIO-520-B

TACH TIME:

SERIAL: 14681-8

TOTAL TIME:

HOUR METER: 2281.0

TSMOH:

Ran up engine, drained oil, and removed filter. Cut open and inspected oil filter. No contaminants found. Installed new AA48108 oil filter and new MS35769-11 crush gasket on the oil drain plug. Safety wired both drain plug and filter. Serviced with 11 qts of Phillips 20W-50 oil. Washed down engine. Performed ground run up, leak and operational check ok.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no.

P4285

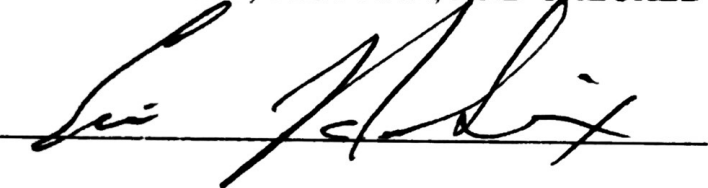
Signed:  Eddie S. Taylor

for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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S & S AVIATION CO (R) MODEL: TCM TSIO-520-B DATE: 09-18-2013
CHEROKEE COUNTY AIRPORT A/C REG: N5765M TACH: 2305.5
1800 AIRPORT DRIVE A/C S/N: 310P0065 TOTAL: 2305.5
BALL GROUND, GA. ENG S/N: 145681-8-B SMOH: 0846.9

OIL DRAINED, FILTER REMOVED AND CHECKED. INSTALLED CH48108-1 OIL FILTER AND SERVICED WITH PHILLIPS 20W50M OIL. COMPRESSIONS: #1-78; #2-60; #3-77; #4-76; #5-XX; #6-78. REPLACED #5 CYLINDER WITH OVERHAULED UNIT P/N ECC71.2 C/N S/N 46127-5. SPARK PLUGS CLEANED, GAPPED, AND ROTATED. IGNITION TIMING CHECKED. FUEL SCREEN CHECKED. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE.

SIGNED: 

CERT#: 3191860 A&P IA

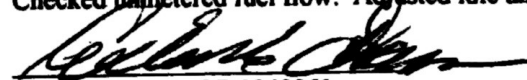


**ARLIN'S AIRCRAFT
SERVICE, INC.**

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
 (406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE (R)	SERIAL#	HOBBS
12 DEC 2013	N5765M	TS10520-B	145681-8-B	2337.6

Removed both mags. Replaced points, condensers, oil seals and bushings. Timed mags to engine.
 Checked unmetered fuel flow. Adjusted idle and idle mixture.


 Arlin C. Wass A&P 1340061

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZT)
(406) 388-1351, FAX (406) 388-7417, www.arlins.com, arlin@arlins.com

DATE	REGISTRATION	ENGINE (R)	SERIAL#	HOBBS	SMOH
10 OCT 2014	N5765M	TS10-520-B	145681-8-B	2358.2	899.6

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Cleaned fuel screen. Pressure checked exhaust system to comply with AD 2000-01-16, Par (b) (c) (d) and (e). Replaced the left outboard exhaust bellows with a serviceable unit. Replaced broken exhaust stud on #1 cylinder. Cleaned oil from deice brushes. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass
Arlin C. Wass A&P 1340061



ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZT)
(406) 388-1351, FAX (406) 388-7417, www.arlins.com, arlin@arlins.com

DATE	REGISTRATION	ENGINE (R)	SERIAL#	HOBBS	SMOH
13 OCT 2015	N5765M	TS10-520-B	145681-S-13	2401.7	943.1

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Cleaned fuel screen. Installed overhauled exhaust system with tail pipe. See form 8130-3. Compiled with exhaust, AD 2000-01-16 par (B) (C) (D) and (G). AD 75-23-08 exhaust clamps due at 2679.3 HR. Replaced exhaust studs on cylinder 1, 2 and 3. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass
Arlin C. Wass A&P 1340061

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				



Mountain Side Aviation, Inc: N5765M, RH Engine:

04/21/16 Tach: 2441.7

Changed oil and filter, cut filter and inspected, serviced with Aeroshell 15W50. Performed run-up/leak check.

Comm MATA

A&P 2609877



Mountain Side Aviation, Inc: N5765M, RH Engine:

08/15/16 Tach: 2473.3

Removed starter and replace with factory overhauled starter P/N 646275-1, S/N H-Q061393.

Comm MATA

A&P 2609877

11/9/16	2498.0 Hobbs 995.9 TSMOH			Changed oil & filter, cut filter & insp, serviced w/ Aeroshell 15W50. cleaned/gapped/rotated plugs. Changed air filter. Performed Compess: #1-77, #2-68, #3-75, #4-73, #5-77, #6-76/80psi. Checked mag timing. AD 2014-05-29 & AD 2016-16-12 both N/A by cylinders not installed.
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Cont →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Cont →				<p>Cleaned Eng & performed Run-up/leak Check.</p> <p>I certify that this <u>Engine</u> has been inspected I/AW an Annual Inspection and was determined to be in airworthy condition</p> <p><i>Sammy Math</i> IA 2609877</p>



Mountain Side Aviation, Inc: N5765M, RH Engine:

01/03/17 Tach: 2506.6

Replaced all spark plugs with new RHB32E plugs..

Sammy Math

A&P 2609877



Mountain Side Aviation, Inc: N5765M, RH Engine:

04/13/17 Tach: 2522.2

Removed vacuum pump and replaced with new pump RAP216CW, S/N B35749.

Sammy Math

A&P 2609877

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Mountain Side Aviation, Inc: N5765M, RH Engine:

06/01/17 Tach: 2536.3

Changed oil and filter, cut filter and inspected, serviced with Aeroshell 15W50.

Performed run up/leak check

Cummins A&P 2609877

12/1/17	2558.0	Hobby		<p>Changed oil & filter, cut filter & insp, 1055.9 TSMH Serviced w/ Aeroshell 15W50. Performed Compression: #1-78, #2-64, #3-75, #4-72, #5-75, #6-75/80 psi. Cleaned/gapped/rotated plugs, changed Air filter, checked mag timing. Replaced #6 & #3 EGT Probes. Lubed all Turbo/wastegate components. cleaned Eng & performed run-up/leak check.</p>
				<p>I certify that this <u>Engine</u> has been inspected I/AW an Annual Inspection and was determined to be in airworthy condition</p>
				<p><i>Cummins</i> IA 2609877</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Mountain Side Aviation, Inc: N5765M, RH Engine:


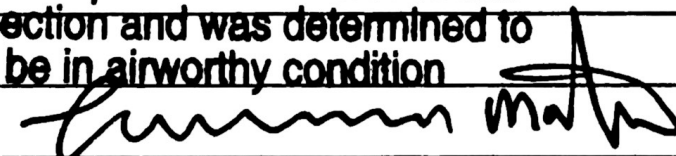
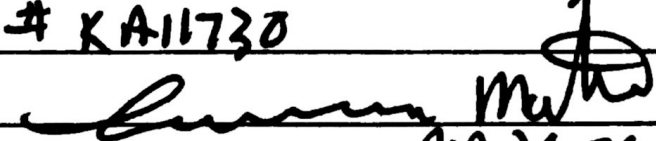
10/19/18 Hobbs: 28.2
 Changed oil and filter, cut filter and inspected, serviced with Aeroshell 15W50.
 Performed run-up/leak check

Mountain Side Aviation
 A&P 2609877

12/27/18	28.2	Hobbs	Performed compression: #1-70, #2-20, #3-74, #4-68, #5-48, #6-60/80 psi. Cleaned/gapped/rotated plugs, checked mag timing, changed air filter. Removed #2 & #5 cylinders & sent to both Engineering. #5 cylinder was rebuilt w/ new Ex & int valves, new springs & rocker shafts, new Ex valve guide, seats cut & new rings installed. #2 cylinder was condemned for EX area cracks & replaced w/ overhauled cylinder - standard Nickel Chrome - see yellow tag. Cylinders re-installed & Torqued per Macat Manual. Changed oil to Phillips XC mineral oil. Performed engine leak &
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cont →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Cont →			Break-in Runs.	I certify that this <u>Engine</u> has been inspected I/AW an Annual inspection and was determined to be in airworthy condition <i>Lynn MW</i> IA 260987
12/2/19		53.6 1132	Hubbs 3TSMH	Changed oil & filter, cut filter & insp serviced w/ Acrosnell 15W50. Performed Compression: #1-73, #2-77, #3-78, #4-73, #5-79, #6-72/80psi. Cleaned/gapped/rotated plugs. Installed Donaldson Am102735 EA air filter. Checked mag timing. Replaced one Turbo V band clamp per AD 2000-01-16 (see A/F log). Replaced Elect Intl oil Temp probe w/ new. Performed Run-up/leak check I certify that this <u>Engine</u> has been inspected I/AW an Annual inspection and was determined to be in airworthy condition <i>Lynn MW</i> IA 260987

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
09/22/20		64.4	HOBBS	Removed and replaced all spark plugs w/ PMA URH.B32.S.  ATP 3054239
12/22/20		68.1	Hubbs	<p>Changed oil & filter, cut filter & 1146.8 Tsmolt inspected Performed Compression: #1-78 #2-78 #3-78 #4-77 #5-78 #6-77/80 PS. cleaned plugs, checked mag timing. Serviced w/ Aeroshell 15w50. Cleaned air filter. Performed Run-up/leak check</p> <p>I certify that this <u>Engine</u> has been inspected I/AW an Annual Inspection and was determined to be in airworthy condition</p> <p> IA 2609877</p>
3/24/21		69.1	Hubbs	<p>Installed new complete mag harness Kit Kelly Aero # KA11730</p> <p> ATP 2609877</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
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S & S AVIATION CO (R) CHEROKEE COUNTY AIRPORT 1351 BISHOP RD. BALL GROUND, GA.	MODEL: TCM TSIO-520-B A/C REG: N5765M A/C S/N: 310P0065 ENG S/N: 145681-8-B	DATE: 01-01-2022 TACH: 0087.5 TOTAL: 2668.4 SMOH: 1209.8
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OIL DRAINED, FILTER REMOVED AND CHECKED. INSTALLED CH48108-1 OIL FILTER AND SERVICED WITH AEROSHELL 15W50 OIL. COMPRESSIONS: #1: 72, #2: 78, #3: 72, #4: 71, #5: 78, #6: 60. REMOVED AND REPLACED RIGHT ENGINE WASTEGATE AND ACTUATOR ASSEMBLY P/N 470780-13, S/N GKR0189 WITH FACTORY REMANUFACTURED P/N 470780-13, S/N HRJ0108 UNIT REMANUFACTURED BY GARRETT CORP., FAA CRS # 4113 UNDER WORK ORDER NUMBER 0045878. SPARK PLUGS CLEANED, GAPPED, AND ROTATED. IGNITION TIMING CHECKED. REPLACED PUSH ROD TUBE SEALS ON CYLINDER NUMBER ONE AND FOUR INTAKE, CYLINDER NUMBER THREE EXHAUST, AND CYLINDER NUMBER TWO ROCKER COVER GASKET WITH NEW P/N'S 534610 AND 534857. MEASURED, TRACED, CUT OUT, AND INSTALLED NEW BAFFLE SEAL MEATERIAL AS REQUIRED. REPLACED CRANKSHAFT SEAL WITH NEW P/N 641250. FUEL SCREEN CHECKED. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE.

SIGNED: 

CERT#: 3191860 A&P IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Registration # N5765M
 AF Serial # 310P0065
 Eng Make TCM
 Eng Model TSIO-520-B
 Eng Serial # 145681-8-B
 Work Order # 14615

Hobbs 101.1
 Tach -
 AFTT 2682
 Eng TT 2682
 Eng TSOH 1223.4

RIGHT ENGINE

abAVIATION LLC
 GEORGIA AVIONICS
 829 Ronald Wood Road, Winder, GA 30680
 Beechcraft

1 OIL / FILTER CHANGE. Removed cowlings. Drained oil. Collected and sent oil sample for analysis. Removed oil filter. Cut open filter and inspected for contaminants. None noted at this time. Installed new oil filter P/N CH48108-1. Serviced engine with 11 quarts Aeroshell 15W50 oil. Ground run / leak check OK. Reinstalled cowlings.

*****END*****

All work has been performed in accordance with current FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed.

Thomas Richard Wood II AP 3492599

20-Jul-22
 Date

Registration # N5765M
 AF Serial # 310P0065
 Eng Make Continental
 Eng Model TSIO-520-B
 Eng Serial # 145681-8B
 Work Order # 14788

Hobbs 115.2
 Tach -
 AFTT 2696.1
 Eng TT 2696.1
 Eng TSOH 1237.5

RIGHT ENGINE LOG

abAVIATION LLC
 GEORGIA AVIONICS
 829 Ronald Wood Road, Winder, GA 30680
 Beechcraft

- 1 Performed a 100-Hour Inspection in accordance with FAR 43 Appendix D.
- 2 Cleaned, inspected, gapped, rotated, reinstalled spark plugs. Cleaned ignition leads.
- 3 Performed magneto timing check

4 Performed compression check.

#1	#2	#3	#4	#5	#6
70	74	62	67	70	5 see below

5 OIL / FILTER CHANGE: Complied with Continental SB 07-01 Rev A - Drained oil through 1,000 micron screen. No debris noted. . Removed oil filter. Cut open filter and inspected for contaminants. None noted. Installed new oil filter and serviced engine with oil.
 Oil Filter installed AA48108-2 Oil Qty: 11 quarts Oil Aeroshell 15/50 Oil

CONTINUED NEXT PAGE

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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- 6 Made serviceable repair to fuel flow transducer wiring.
- 7 Fabricated and installed new flexible T8071 baffling between oil cooler and case.
- 8 Replaced cylinder #6 with repaired cylinder PN 658552A2 SN 49913-6. Installed 2 new exhaust studs P/N 657985-1.38. Ground run OK
- 9 Adjusted idle setting. Ground run OK.

Researched new and recurring Airworthiness Directives using Avant Tdata.


Tdata Rev # 2023-05

Complied with ADs listed below:

- 1 AD 70-03-04 R1 Turbosupercharger Turbine. This aircraft has improved stainless steel turbocharger shrouds installed. Repetitive inspections terminated per paragraph C. No further action required.
- 2 AD 72-14-08 Flexible Hose Assemblies. This aircraft has improved Aeroquip AE701 series hoses installed. Repetitive inspections terminated per paragraph E.
- 3 AD 84-26-02 Paper Induction Air Filter - Removed, cleaned, inspected, reinstalled induction air filter. Next replacement due 553.6 Hobbs. Next inspection due March 2024.
- 4 AD 2000-01-16 Exhaust System paragraphs b, c, e. Found fore and aft inboard slip joint springs out of tolerance. Removed, cleaned, lubricated slip joint with anti-seize. Found 1 spring failed specification check. Installed new spring P/N 186-218. Reinstalled slip joint springs at correct tolerance.
NEXT Due: Para b: 165.2 Hobbs / 2746.1 AFTT; Para c: Mar 2024; Para d: 587.5 Hobbs / 3168.4 AFTT; Para e: Mar 2024;
Para f: 553.6 Hobbs / 3134.5 AFTT; Para g: Oct 2027 or 4901.7 Hobbs / 4901.7 AFTT
- 5 AD 2012-03-06 Prevent In-Flight Shutdown due to Failed Fuel Servo - AD not applicable per manufacturer and part number

*****END*****

I certify that this engine has been inspected in accordance with a 100-Hour Inspection per FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed..

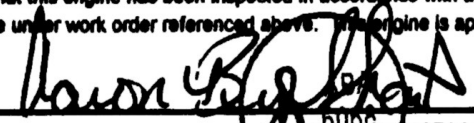

Nathan Coyell AP 4041231

30-Mar-23
Date

Performed an Annual Inspection in accordance with FAR 43 Appendix D.

*****END*****

I certify that this engine has been inspected in accordance with an Annual Inspection per FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed..


Aaron Burkhardt AP 2887269 IA

30-Mar-23
Date

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AIRFRAME

Registration	5765M	Tach	N/A
Make	Cessna	Hobbs	124.4
Model	T310P		
Serial	310P0065		



Troubleshoot inoperative RH alternator. reset circuit breaker. normal operation restored. Cleaned corrosion from all alternator terminals and replaced terminals for field wires with proper size terminals. Replaced wire on noise suppressor with new wire and terminal. Function checked in no load and full load conditions, single and both engines operating no faults noted. Cleared insect nest from RH Low Thrust pitot tube. I certify this aircraft is approved for return to service with respect to work accomplished. ****END****

Signature *Joseph A. Chiamonte* Date **9/8/2023**
 Joseph A. Chiamonte AP3458679

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AUGUSTA AVIATION, INC.

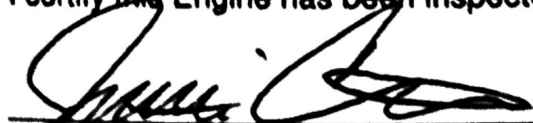
DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

"Excellence Since 1940"

Date: 3/21/2024; Aircraft: N5765M; Type: 310; S/N: 310P0065; Hobbs: 146.70; Total Time: 2776.20; Work performed on Engine # 2; Engine 2, Type: TSIO-520-B, S/N: 145681-8B, Time: . Last MOH: 1271.00- / /, SMOH: 1271.00

Performed Annual/100hr engine inspection IAW AC43 Appx D and manufacturers maintenance manuals. Checked mag to engine timing. Removed, cleaned, gapped, tested, inspected and reinstalled spark plugs with new M674 gaskets. Took Blackstone oil sample. Drained engine oil and removed oil sample. Cut open oil filter and inspected. no defects found at this time. Installed new AA48108-2 oil filter and added 11qts Phillips Victory 100AW engine oil and Camgard Right engine compression results: #1- 73/80, #2- 76/80, #3- 53/80, #4- 78/80, #5- 79/80, #6-70/80, M.O.-44/80. 500 mag check on both mags on RH engine due at 256.7hrs hobbs. Replaced Cyl #2 rigid fuel injector line, P/N: 1686-3. Found RH turbo rubbing and requiring overhaul. Removed Right turbo and sent out for overhaul. Installed overhauled Hartzell Turbocharger (P/N:406610-9025 S/N KFR0399) and installed Hartzell Pressure Relief Valve (P/N: 470930-9001 S/S: DJO10937) IAW manufacturers installation instructions and maintenance manuals. Removed, Cleaned, and reinstalled all fuel nozzles with new washers, gaskets and o rings. All leak and ops checks good. return to service.

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



Justin R. Curtis
A&P 3083483 IA

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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DATE
19__

Registration # N5765M
 AF Serial # 310P0065
 Eng Make Continental
 Eng Model TSIO-520-B
 Eng Serial # 145681-8-B
 Work Order # 15243

Hobbs 174.3
 Tach -
 AFTT 2755.2
 Eng TT 2755.2
 Eng TSOH 1296.6

RIGHT ENGINE



- 1 Lubricated and freed stuck wastegate valve
- 2 Repaired and adjusted flexible baffling for improved seal.
- 3 Checked magneto timing. Removed magnetos. Reinstalled with new gaskets and lock washers and timed to engine.

All work has been performed in accordance with current FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed.

[Signature]
 Nathan Coryell AP 4041231

20-Aug-24
 Date

- 4 Installed customer supplied #3 bayonet CHT probe. Removed, cleaned, and reinstalled #6 cylinder fuel injection line and fuel injector. Made minor adjustment to fuel pump aneroid.

All work has been performed in accordance with current FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed.

[Signature]
 Thomas R Wood II AP 3492599

20-Aug-24
 Date

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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19__

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Registration #	N5765M	Hobbs	188
AF Serial #	310P0065	Tach	-
Eng Make	Continental	AFTT	2768.9
Eng Model	TSIO-520-B	Eng TT	2768.9
Eng Serial #	145681-8B	Eng TSOH	1310.3
Work Order #	15308		

RIGHT ENGINE



abAVIATION LLC
GEORGIA AVIONICS
820 Ronald Wood Road, Windor, GA 30080

Beechcraft

1 OIL / FILTER CHANGE:

Ran up engine. Removed cowlings.
 Drained oil through 1000 micron filter in accordance with Continental CSB 07-01 Rev A - No debris noted.
 Collected and sent oil sample for analysis.
 Removed oil filter. Cut open filter and inspected for contaminants - None noted.
 Installed new oil filter P/N AA48108-2.
 Serviced engine with 11 quarts Aeroshell 15W50 oil and Camguard oil additive
 Ground run / leak check OK. Reinstalled cowlings.

2 Complied with AD 2000-01-16 Exhaust System, Left Engine, paragraph b.
 Performed visual inspection of exhaust system. No faults noted at this time.
 Paragraph b next due 22 NOV 2024 or 238.0 Hobbs / 2818.9 AFTT, whichever later.

3 Inspected LH magneto. Found ground wire broken and noise suppressor disconnected. Made serviceable repair to ground wire and reconnected noise suppressor.

*****END*****

All work has been performed in accordance with current FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above.
 This engine is approved for return to service with respect to work performed.

Thomas Richard Wood II
 Thomas Richard Wood II AP 3492599

23-Oct-24
 Date

Registration # N5765M **Hobbs** 200.6
AF Serial # 310P0065
Eng Make Continental **AFTT** 2781.5
Eng Model TSIO-520-B **Eng TT** 2781.5
Eng Serial # 145681-8-B **Eng TSOH** 1322.9
Work Order # 15379

RIGHT ENGINE LOG



829 Ronald Wood Road, Winder, GA 30680

TIONS
 NUMBER OF
 C ENTRIES.)

- 1 Performed a **100-Hour Inspection** in accordance with FAR 43 Appendix D.
- 2 Cleaned, inspected, gapped, rotated, reinstalled spark plugs. Cleaned ignition leads.
- 3 Performed compression check.

#1	#2	#3	#4	#5	#6
68	65	74	74	70	62

4 OIL / FILTER CHANGE: Ran up engine. Removed cowlings. Drained oil through 1000 micron filter in accordance with Continental CSB 07-01 Rev A. No debris noted. Collected and sent oil sample for analysis. Removed oil filter. Cut open filter and inspected for contaminants. No debris noted. Installed new oil filter. Serviced engine with oil. Ground run / leak check OK. Reinstalled cowlings.

Oil Filter Installed AA48108-2 Oil Qty: 11 quarts Oil: Aeroshell 15/50 Oil


- 5 Performed borescope of RH engine. No faults noted at this time.
- 6 Adjusted LH and RH pressure controllers accordingly to match.
- 7 Installed new alternator noise filter P/N 11-08060.
- 8 **500-Hour Magneto Inspection.** Removed, disassembled, cleaned, and inspected LH and RH magnetos. Found LH magneto primary and retard points worn. Installed new points P/N 10-382584 and 10-382585 in LH magneto. Installed new primary points in RH magneto. Reassembled magnetos, set internal timing. Reinstalled magnetos on engine with new gaskets and lock washers. Set timing to 20 degrees BTDC.
- 9 Made adjustment to RH engine idle stop screw and control cable rod end. RH engine idle checks OK.
- 10 Cleaned intake airbox.
- 11 Secured fuel line to baffle on RH engine to prevent chaffing.
- 12 Installed new #1 EGT probe P/N M-111.

Researched new and recurring **Airworthiness Directives** using Avant Tdata. Tdata Rev # 2025-12
 Complied with ADs listed below:

- 1 **AD 84-26-02 Paper Induction Air Filter.** Installed new induction filter P/N AM102735EA. Next replacement due Hobbs 700.6 / 3281.5 AFTT. Next inspection due Jul 2026.
- 2 **AD 2000-01-16 Exhaust System Paragraphs b, c, e.** Performed a visual inspection of the exhaust system iaw para b. No faults noted. Para b next due 250.6 Hobbs / 2831.5 AFTT or Aug 2025. Removed and inspected tailpipe iaw para c. Reinstalled tailpipe with new clamp P/N 2274-40. Para c next due Jul 2026. Pressurized exhaust system iaw para e. No faults noted at this time. Para e next due Jul 2026.

*****END*****

I certify that this engine has been inspected in accordance with a 100-Hour Inspection per FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed..


 Thomas Richard Wood II AP 3492599

11-Jul-25
 Date

1 Performed an Annual Inspection in accordance with FAR 43 Appendix D.

*****END*****

ATIONS
NUMBER OF
C ENTRIES.)

I certify that this engine has been inspected in accordance with an Annual Inspection per FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed..

Arnon Burlnart
Arnon Burlnart AP 2887269 IA

11-Jul-25

Date

Registration #	N5765M	Hobbs	2866.0
AF Serial #	310P0065	Tach	N / A
Eng Make	Continental	AFTT	2794.4
Eng Model	TSIO-520-B	Eng TT	2794.4
Eng Serial #	145681-8-B	Eng TSOH	1335.8
Work Order #	15671		

RIGHT ENGINE LOG



1 **PERFORMED OIL / FILTER CHANGE:** Ran up engine. Removed cowlings. Drained oil through 1000 micron filter in accordance with Continental CSB 07-01 Rev A. No debris noted. Collected and sent oil sample for analysis. Removed oil filter. Cut open filter and inspected for contaminants. No debris noted. Installed new oil filter P/N AA48108-2. Serviced engine with 11 quarts A/S 15W50 oil. Ground run / leak check OK. Reinstalled cowlings.

*****END*****

All work has been performed in accordance with current FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed.

Thomas Richard Wood II
Thomas Richard Wood II AP 3492599

17-Nov-25

Date

