



Millennium Engine

ENGINE MAINTENANCE RECORDS

Log No. 1
Aircraft Registration No. C-206 N878AH
Engine Manufacturer Cont.
Model T510520M
Serial No. 191569-8-R
Date installed on aircraft Sept-04
Time Between Overhauls (TBO) _____

If used on multi-engine aircraft:

☐ RIGHT

☐ LEFT

☐ FRONT

☐ REAR

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



GOLD SEAL AIRCRAFT ENGINES

Engine Make: CONTINENTAL
Serial Number: 291532-R
Warranty Number: 1944
Crankshaft Serial No: N004EA095

Model: TSIO-520-M
W/O No: S2562
Warranty Start Date: 09/04
Cylinder Part Number: SA52000-A22P

Date: 08/27/04

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No. X30575A. See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 909.0 hrs.

This engine meets requirements of CONTINENTAL SIL98-9 for 1600.0 Hour TBO.

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

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L.H. Mag	BL-349350-4	F04GA17GR	Vac Pump	N/A	N/A
R.H. Mag	BL-349350-5	F04FA261R	Winggate	N/A	N/A
Fuel Pump	646768-1A1A	A139410BR	Alt/Osc	N/A	N/A
Ign/Carb	629703-11A2	A129421AR	Pop Off	N/A	N/A
Man Valve	634326-12A1	A129420CR	Relief Val	N/A	N/A
Starter	646275-1	E041815	VAPC	N/A	N/A
Turbo	406610-9005	HER00088	Gov Prop	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: [Redacted]

9-04 328410 Install Eng, New mts, ovhd prop. Leaf
Run & fly off. [Redacted]

Eng TSIO520M Sept 291532R.
Completed 10/18/04 [Redacted]

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
04 12-10	3309	Change oil + Filter - CK. Eng. Resque truck Roll Shell 40wtw

05 5-15	3367	Changed oil + Filter CK for leaks Shell 100
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October 6, 2005 N878AH Tach: 3409.4 TT: 3409.4 TSMOH: 125.4

Completed 100 hour inspection at this time. Checked all compression. All cylinders were as follows: #1-68/80, #3-70/80, #5-70/80, #2-70/80, #4-70/80, #6-62/80. Cleaned gapped and rotated spark plugs. Cleaned both fuel controller and fuel both screens. Drained oil and changed oil filter using CH48109 oil filter and 10 qts Aeroshell 100W oil. Washed down engine. Pressure tested exhaust and checked for any cracks, leaks, or deterioration; none found. Pressurized intake system. Checked for manifold leaks, none were found at this time. Resealed #5 rocker cover gasket which was leaking. Reseal oil filler neck with new gasket and sealer. Test ran engine. Pressurized fuel and oil lines. Checked for any leaks; none were found at this time. Run up ops were okay. Ran AD search. See applicable ADs dated October 2005. I certify that this engine was inspected in accordance with an 100 hour inspection and determined airworthy.

January 4, 2007 N878AH Tach: 3523.7

Inspected engine in accordance with FAR 43-D, checked compression all cylinders were 72/80 or above, checked timing of magnetos, installed new Mixture cable, installed twelve new spark plugs RHB 32-E pressurized exhaust and intake system no leaks or defects noted. Installed new induction air filter BA-2405, cleaned down engine and performed run ops all were good no fuel or oil leaks were found. Ran AD search see applicable ADs in A/C files. I certify that this engine was inspected in accordance with an 100 hr/annual inspection

SHIPPING ONLY



WESTERN Skyways
GOLD SEAL AIRCRAFT ENGINES

Date: 16 April 2007
Tach time: 3591
Total time:
Aircraft Model: Cessna TU206G
#1 Engine Model: TCM TSIO-520-M

Reg. Number: N878AH
Work Order Number:
Serial Number: 1720604520
Serial Number: 291532-8

Repaired oil leak at #2 cylinder 7th stud by removing stud, sealing threads and reinstalling stud. Corrected throttle linkage binding. Cleaned engine compartment. Ground run, leak checks good.
The aircraft, airframe, and engine for compliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration.
Signature: _____
Repair Station Number: _____

Airworthiness Directives

Page No. _____

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			
1/31/2005	3679.5	SMOH 395.5 This ENGINE inspected 100 CESSNA check list. compression - 1.70/80 2.65/80 3.65/80 4.71/80 5.74/80 6.6/80. Replaced missing #1 Exhaust deflect heat shield. Removed propeller, cleaned crank hub, cleaned prop. Replaced crankshaft front hub seal MS16132-2025 100 Cont. Service Manual. Replaced 1, 3, 5 Rock cover gaskets Replaced #3 EGT probe. 712-2DWK. Replaced loose pins ON #5 and #6 cyl. Replaced Buell air filter BA 2405. Replaced Hot this cleaned injectors, cleaned & gap spark plugs. I certify that this aircraft engine has been inspected 100 100 h inspect and is in airworthy condition at this time. also Service oil filter No debris, with CH48109 and 12gts Amshell 50W			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"> Model: Cessna TU-206G S/N: 04570 Reg #: N878AH </td> <td style="width: 30%; text-align: center;">  A Maintenance Layton, UT 84041 </td> <td style="width: 40%;"> W/OV: 2289 Tach: 3780.8 TTE: 1405.8 TSMOH: 496.8 </td> </tr> </table> C/W 100 IIR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Overhaul Manual & Single Engine Inspection Guide. Performed differential compression test, as follows: 1.70/80 2.71/80 3.69/80 4.68/80 5.70/80 6.72/80 Removed wastegate and replaced inner seal, reinstalled all components that were removed, run up and leak check good. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 IIR inspection and found to be airworthy this date. The aircraft, airplane, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the above regulations and is approved for return to service. Particular details of the repair(s) are on file at this Facility under the above. Date: February 11, 2009 Inspect: _____			Model: Cessna TU-206G S/N: 04570 Reg #: N878AH	 A Maintenance Layton, UT 84041	W/OV: 2289 Tach: 3780.8 TTE: 1405.8 TSMOH: 496.8
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH	 A Maintenance Layton, UT 84041	W/OV: 2289 Tach: 3780.8 TTE: 1405.8 TSMOH: 496.8			
2/11/09	3780.8	not an 100 IIR 3878.8 EIE clw AD 2005-12-06 by inspection & measurement of left mag impulse coupling & stop pins. No defects noted.			
3-25-10	3890.8	Vacuum Pump Replaced - Clunker note 1601. Inspected Post Install			

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH		IA Maintenance Layton, UT 84041	W/O#: 2372 Tach: 3876.5 TTE: 1501.5 TSMOH: 592.5
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Overhaul Manual & Single Engine Inspection Guide. Performed differential compression test, as follows: 1 56/80 2 67/80 3 59/80 4 66/80 5 72/80 6 67/80. Changed oil and filter, work done by owner. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.			
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above registration number.			
Date: March 2, 2010		Inspector: [REDACTED]	

9/30/10 3926.8 Removed & replaced crankshaft seal w/12 new. Installed prop & torqued to 55 Ft. Lbs.
Replaced prop oring - EMD - [REDACTED]

Model: Cessna TU-206G S/N: 04570 Reg #: N878AH		IA Maintenance Layton, UT 84041	W/O#: 3990.7 Tach: 1615.7 TTE: 706.7
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Overhaul Manual & Single Engine Inspection Guide. Performed differential compression test, as follows: 1 72/80 2 71/80 3 67/80 4 70/80 5 70/80 6 71/80. Removed #5 push tube housing, replaced seals, reinstalled. Installed new #5 induction gasket. Replaced oil line from wastegate controller. Replaced turbo wastegate controller aluminum gaskets with new. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.			
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above registration number.			
Date: April 3, 2011		Inspector: [REDACTED]	

1-2612 4048.4 Oil & filter changed.
O₂ bottle removed, hydro tested & reinstalled [REDACTED]

Model: Cessna TU-206G S/N: 04570 Reg #: N878AH		IA Maintenance Layton, UT 84041	W/O#: 4078.5 Tach: 1703.5 TSMOH: 794.5
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Overhaul Manual & Single Engine Inspection Guide. Performed differential compression test, as follows: 1 72/80 2 55/80 3 71/80 4 70/80 5 72/80 6 72/80. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.			
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above registration number.			
Date: May 6, 2012		Inspector: [REDACTED]	

DATE		TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		W/O#	Tach	TTE	TSMOH
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH			Woods Cross, UT 84087		4141.2	1768.2		859.2
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Overhaul Manual & Single Engine Inspection Guide. Owner changed oil and filter. Performed cold differential compression test, as follows: 1 63/80 2 54/80 3 61/80 4 56/80 5 56/80 6 59/80. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above reference. Date: May 20, 2013 Inspector: [Redacted]								
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH			Woods Cross, UT 84087		4200.0	1825.0		916.0
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Single Engine Inspection Guide. Owner changed oil and filter. Performed cold differential compression test, as follows: 1 65/80 2 61/80 3 59/80 4 63/80 5 61/80 6 60/80. Cleaned, gapped and tested spark plugs. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above reference. Date: June 1, 2014 Inspector: [Redacted]								
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH			Woods Cross, UT 84087		1117	4243.5	1868.5	959.5
ENGINE LOG ENTRY C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Single Engine Inspection Guide. Owner changed oil and filter. Performed cold differential compression test, as follows: 1 528/80 2 61/80 3 62/80 4 58/80 5 63/80 6 64/80. C/W AD 2014405-29 by compression test and visual inspection, no defects, next due 4293.5. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above reference. Date: July 1, 2015 Inspector: [Redacted]								
Model: Cessna TU-206G S/N: 04570 Reg #: N878AH			Woods Cross, UT 84087		4287.9	1912.9		1003.9
ENGINE LOG ENTRY C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Single Engine Inspection Guide. Owner changed oil and filter. Performed cold differential compression test, as follows: 1 53/80 2 63/80 3 54/80 4 60/80 5 56/80 6 56/80. C/W AD 2014405-29 by compression test and visual insp, no defects, next due 4337.9. Checked AD 2016-16-12, N/A not installed, no further action required. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above reference. Date: September 1, 2016 Inspector: [Redacted]								

419-17 4339 Installed rebuilt alternator - Owner installed inspected ok.
S/N ON A-R022637

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-31-17	4366	Vacuum Pump Replaced - FAR by owner - inspected S/N ON 175829 OK - [REDACTED]

Model: Cessna TU-206G
S/N: 04570
Reg #: N878AH



AA Maintenance
[REDACTED]
Woods Cross, UT 84087

W/O#: 4376.1
Tach: 2001.1
TSMOH: 1092.1

ENGINE LOG ENTRY

C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Single Engine Inspection Guide. Changed oil and filter. Serviced with 9 quarts oil. Performed differential compression test, as follows: 1 59/80 2 62/80 3 60/80 4 62/80 5 61/80 6 62/80. AD 2014-05-29 C/W by inspection and compression test, no defects noted, next due 4426.1. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Date: October 10, 2017

Inspector: [REDACTED]

Model: Cessna TU-206G
S/N: 04570
Reg #: N878AH



AA Maintenance
[REDACTED]
Woods Cross, UT 84087

W/O#: 4436.0
Tach: 2061.0
TSMOH: 1152.0

ENGINE LOG ENTRY

C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Scope and Detail of FAR 43, App D. Changed oil and filter. Serviced with 9 quarts A/S 80 W oil. Performed differential compression test, as follows: 1 62/80 2 64/80 3 60/80 4 64/80 5 61/80 6 59/80. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Date: October 21, 2018

Inspector: [REDACTED]

Model: Cessna TU-206G
S/N: 04570
Reg #: N878AH



AA Maintenance
[REDACTED]
Woods Cross, UT 84087

W/O#: 4481.8
Tach: 2106.8
TSMOH: 1197.8

ENGINE LOG ENTRY

C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Scope and Detail of FAR 43, App D. Changed oil and filter. Serviced with 9 quarts A/S 80 W oil. Performed differential compression test, as follows: 1 62/80 2 64/80 3 60/80 4 64/80 5 61/80 6 59/80. C/W AD 2014-05-29 by compression test and inspection, no defects, next due 4531.8. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Date: November 1, 2019

Inspector: [REDACTED]

DATE _____

TACH OR
RECORDING
METER TIME

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

Model: Cessna TU-206G
S/N: 04570
Reg #: N878AH



Woods Cross, UT 84087

W/O#:	
Tach:	4555.1
TTE:	2180.1
TSMOH:	1271.1

ENGINE LOG ENTRY

ENGINE LOG ENTRY
C/W 100 HR inspection in accordance with Cessna TU-206 Maintenance Manual, Teledyne Continental Service Data & Scope and Detail of FAR 43, App D. Changed oil and filter. Serviced with 9 quarts oil. Performed differential compression test, as follows: 1.62/80 2.64/80 3.59/80 4.64/80 5. 61/80 6. 59/80. C/W AD 2014-05-29 by compression test and inspection, no defects, next due 6605.1. Cleaned, gapped and tested spark plugs. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the applicable FAA-approved repair manual and is approved for return to service.

Date: November 1, 2020

Inspector.