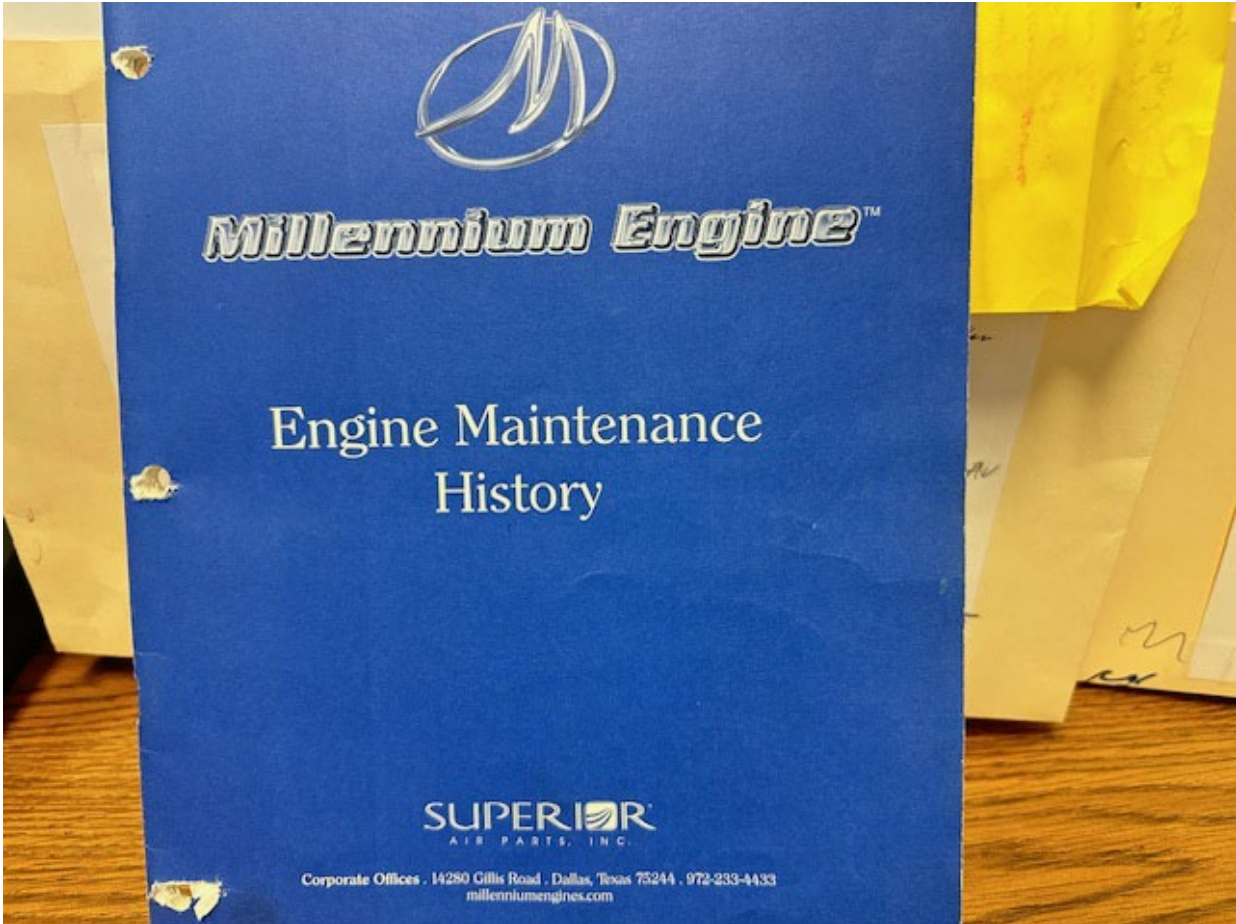


From: [Dan Jay](#)
To: [Dan Jay](#)
Subject: N3UB Log Engine
Date: Wednesday, May 22, 2024 1:30:48 PM



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

Name

WESTERN SKYWAYS, INC.

2855 Aviation Way - Grand Junction, Colorado 81501

Engine Make: CONTINENTAL Model: TSIO-520-McR
 Serial Number: 511699 W/O No. S2049 Date: 07/05/00
 Warranty Number: 1071 Warranty Start Date: 07/00
 Gold Seal aircraft engine per CONTINENTAL Manual No. X30575A

This engine & accessories were remanufactured to "Factory NEW Tolerances". See back section for Airworthiness Directive & Service Bulletin compliances. This engine was run in a test cell. Total Previous Time: 2422.2 Hrs.


This engine meets the requirements of Continental Service Bulletin SIL98-9 for 1600.0 Hr. TBO.

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

	Part No.	Serial No.	Part No.	Serial No.
L/H Mag:	6320	00022661	Prop Gov:	N/A
R/H Mag:	6320	00030321	Alt/Gen:	N/A
Fuel Pump:	646768-1A1	B00EA324R	Wastegate:	N/A
Inj/Carb:	629703-11A2	A00FA007R	Controller:	N/A
Man Valve:	634326-12A2	C00EA239R	Controller:	N/A
Starter:	646275	A-151715	Relief Valve:	N/A
Turbo:	406610-9005	DCN00052	Vac Pump:	N/A
			Fuel Limiter:	N/A
			Tach Gen:	N/A

MAINTENANCE RELEASE

The engine and accessories identified 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 

Signature

[Handwritten Signature]

Repair Station No. WS9D575J

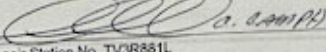
AIR WEST AIRCRAFT ENGINES ① ENGINE INSTALLED IN N7UB T210M S/N 2061593
 FAA APPROVED REPAIR STATION TV3R881L ② SERVICED W/ AEROSHELL 100 MINERAL OIL.
 THE COMPONENT(S) AND/OR DISCREPANCY (IES) IDENTIFIED ON ③ FUEL SET-UP PER TCM STD 97-3.
 THIS WORK ORDER # 5652 TO ABOVE MENTIONED AIRCRAFT
 WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
 FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR
 RETURN TO SERVICE TACH 430.0 SMOH 0
 SIGNED *[Signature]* DATE 9/8/00

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
AIR WEST AIRCRAFT ENGINES FAA APPROVED REPAIR STATION TV3R881L		<p>① CHANGED OIL & FILTER. FILTER INSPECTED O.K. SERVICED W/ AEROSHELL 100 W OIL.</p> <p>THE COMPONENT(S) AND/OR DISCREPANCY (IES) IDENTIFIED ON THIS WORK ORDER # 6100 TO ABOVE MENTIONED AIRCRAFT WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR RETURN TO SERVICE. TACH 456.1</p>
SIGNED		<p><i>[Signature]</i> DATE 12/1/00</p>
<p>ENGINE MODEL: TSIO-520-B ENGINE SN: 511899 REG. NO. 7UB WORK ORDER: 6660</p>		<p>AIR WEST AIRCRAFT ENGINES 670 AIRPORT BLVD. SAN CARLOS, CA 94070 F.A.A. Certified Repair Station #TV3R881L LOGBOOK INSERT</p> <p>DATE 5/3/01 TTE: 2490 TSMCH: 67.5 TACH: 497.3 TTA: 2802.3</p> <p>The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.</p> <p>Engine Entries Completed Annual Inspection IAW Air West Aircraft Engines scope & detail... Changed oil & filter, filter insp.ok. Serviced with Aeroshell 100w oil... AD 2000-23-21 Crankshaft n/s by crankshaft n/s</p> <p>DATE: 5/3/01 SIGNED: <i>[Signature]</i> WORK ORDER: 6660 Certified Repair Station No. TV3R881L</p>
<p>ENGINE MODEL: TSIO-520-R ENGINE SN: 511899 REG. NO. 7UB WORK ORDER: 7022</p>		<p>Air West Aircraft Engines 670 Airport Blvd San Carlos, CA 94070 Repair Station No. TV3R881L</p> <p>DATE: 6/7/2001 TTE: 2,548.10 TSMCH: 135.90 TACH: 556.80</p>

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

Engine Entries

Completed Annual Inspection IAW Air West Aircraft Engines scope & detail... Changed oil & filter, filter insp.ok; Serviced with Aeroshell 100w oil... AD 2000-23-21 Crankshaft r/a by crankshaft s/n

DATE: 5/3/01 SIGNED:  WORK ORDER: 6660
Certified Repair Station No. TV3R881L

ENGINE MODEL: TS10-520-R
ENGINE SN: 511699
REG. NO: 7UB
WORK ORDER: 7022

Air West Aircraft Engines

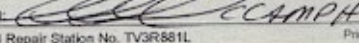
670 Airport Blvd.
San Carlos, CA 94070
Repair Station No. TV3R881L

DATE: 6/7/2001
TTE: 2,548.10
TSMCH: 125.00
TACH: 555.00

Engine Entries

Changed oil & filter. Filter insp.ok. Serviced with Aeroshell 100w oil... Cleaned #5 cylinder injector nozzle...

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 6/7/2001 SIGNED:  WORK ORDER: 7022
Certified Repair Station No. TV3R881L Printed by EBis (<http://www.datamedia.com>)

ENGINE MODEL: TS10-520-R
ENGINE SN: 511699
REG. NO: 7UB
WORK ORDER: 7461

Air West Aircraft Engines


670 Airport Blvd.
San Carlos, CA 94070
Repair Station No. TV3R881L


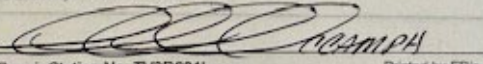
DATE: 12/18/2001
TTE: 2,508.20
TSMCH: 158.00
TACH: 399.00

Engine Entries

Changed oil & filter. Filter insp.ok. Serviced with Aeroshell 15w50 oil...

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 12/18/2001 SIGNED:  WORK ORDER: 7461
Certified Repair Station No. TV3R881L Printed by EBis (<http://www.datamedia.com>)

TE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	ENGINE MODEL: TSIO-520-R ENGINE SN: 511699 REG. NO: 7UB WORK ORDER: 7972	Air West Aircraft Engines 670 Airport Blvd. San Carlos, CA 94070 Repair Station No. TV3R881L	DATE: 5/22/2002 TTA: 2,937.00 TTE: 2,624.00 TSMOH: 202.00 TACH: 632.00
	Engine Entries Completed ANNUAL Inspection IAW Air West Aircraft Engines scope & detail... Changed oil & filter. Filter insp.ok. Serviced with Aeroshell 15w50 oil... Compression as follows; 1-73, 2-72, 3-72, 4-70, 5-72, 6-72/80 psi...		
	The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.		
	DATE: 5/22/2002	SIGNED:  Certified Repair Station No. TV3R881L	WORK ORDER: 7972 Printed by EBis (http://www.datcomedia.com)
	ENGINE MODEL: TSIO-520-R ENGINE SN: 511699 REG. NO: 7UB WORK ORDER: 8250	Air West Aircraft Engines 670 Airport Blvd. San Carlos, CA 94070 Repair Station No. TV3R881L	DATE: 7/31/2002 TTA: 2,954.10 TTE: 2,641.30 TSMOH: 219.00 TACH: 649.10
	Engine Entries Pressurized intake & upper deck systems...Installed new upper deck hose from Controller to upper deck manifold...Resealed manual primer fittings @ firewall... Oil Sample Taken...		
	The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.		
	DATE: 7/31/2002	SIGNED:  Certified Repair Station No. TV3R881L	WORK ORDER: 8250 Printed by EBis (http://www.datcomedia.com)
	ENGINE MODEL: TSIO-520-R ENGINE SN: 511699 REG. NO: 7UB WORK ORDER: 8651	Air West Aircraft Engines 670 Airport Blvd. San Carlos, CA 94070 Repair Station No. TV3R881L	DATE: 11/22/2002 TTA: 2,990.00 TTE: 2,677.20 TSMOH: 254.90 TACH: 685.00

manual primer fittings @ firewall... Oil Sample Taken...

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 7/31/2002

SIGNED:



WORK ORDER: 8250

Certified Repair Station No. TV3R881L

Printed by EBis (<http://www.datcomedia.com>)

ENGINE MODEL: TS10-520-R
ENGINE SN: 511699
REG. NO: 7UB
WORK ORDER: 8651

Air West Aircraft Engines

670 Airport Blvd
San Carlos, CA 94070
Repair Station No. TV3R881L

DATE: 11/22/2002
TTA: 2,990.00
TTE: 2,877.20
TSMOH: 254.90
TACH: 665.00

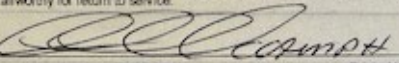
Engine Entries

Changed oil & filter. Filter inspected ,ok. Serviced with Aeroshell 15w50 oil...

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 11/22/2002

SIGNED:



WORK ORDER: 8651

Certified Repair Station No. TV3R881L

Printed by EBis (<http://www.datcomedia.com>)

ENGINE MODEL: TS10-520-R
ENGINE SN: 511699
REG. NO: 7UB
WORK ORDER: 8730

Air West Aircraft Engines

670 Airport Blvd
San Carlos, CA 94070
Repair Station No. TV3R881L

DATE: 6/4/2003
TTA: 3,027.10
TTE: 2,714.30
TSMOH: 262.00
TACH: 722.10

Engine Entries

Completed ANNUAL Inspection IAW Air West Aircraft Engines Scope & Detail.... Changed oil & filter. Filter inspected ,ok. Serviced with Aeroshell 15w50 oil... Compression as follows: 1-63, 2-60, 3-63, 4-60, 5-65, 6-65/80 psi. All leakage by rings. Master Orifice recalibrated per TCM M84-15, new low limit 38 psi... Repaired broken P-lead at RH mag...

The component(s) and/or discrepancy (ies) identified on this work order, to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 6/4/2003

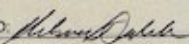
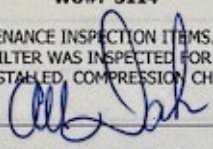
SIGNED:



WORK ORDER: 8730

Chris Camph
Certified Repair Station No. TV3R881L

Printed by EBis (<http://www.datcomedia.com>)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	ENGINE MODEL: TSIO-520-R ENGINE SN: 511699 REG NO: 7UB WORK ORDER: 9656	Air West Aircraft Engines 670 Airport Blvd. San Carlos, CA 94070 Repair Station No. TV3R881L	DATE: 9/12/2003 TTA: 3,080.50 TTE: 2,787.70 TSMOH: 345.40 TACH: 775.50
Engine Entries Changed oil & filter. Filter inspected ;ok. Serviced with Aeroshell 15w50 oil...			
<small>The component(s) and/or discrepancy (ies) identified on this work order , to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.</small>			
DATE: 9/12/2003		SIGNED:  Nelson Andrade Certified Repair Station No. TV3R881L	WORK ORDER: 9656 <small>Printed by EBis (http://www.datamedia.com)</small>
<div style="border: 1px solid black; padding: 5px;"> <p> DATE: 8/19/2004 REG#: 7UB ENG. TYPE: TSIO-520-McR ENGINE S/N 511699 TSO 392.2 TACH: 822.3 INSPECTION: ANNUAL WO#: 3114 ENGINE TOTAL TIME: 2814.5 </p> <p> C/W ALL ROUTINE MAINTENANCE INSPECTION ITEMS. CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100+. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED. COMPRESSION CHECK AS FOLLOWS, 1) 62 2) 52 3) 60 4) 59 5) 69 6)68. </p> <p> Authorized Signature  Allen Dake A&P 561084999 IA TURBINE AIR 20511 Skywest Blvd. Hayward, CA 94541 (510) 785-5631 END </p> </div>			

S.
C.
No.
Aci

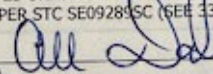
TURBINE AIR 20511 Skywest Blvd. Hayward, CA 94541 (510) 785-5631
-----END-----

DATE: 10/20/2005
ENGINE S/N: 511699
INSPECTION: 100HR

REG#: 7UB
TSO: 476.0
WO#: 3340

ENG. TYPE: TS10-520-McR
TACH: 906.1
ENGINE TOTAL TIME: 2698.3

C/W ALL ROUTINE MAINTENANCE INSPECTION ITEMS. ALL CYLINDERS WERE REMOVED, O/H BY AIRWEST AND REINSTALLED PER MAINTENANCE MANUAL. SERVICED WITH 10 QRTS AEROSHELL 100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED. INSTALLED GAMI INJECTORS PER STC SE092895C (SEE 337 THIS DATE).

Authorized Signature: 
Allen Dake: A&P 561084999 IA
TURBINE AIR 20511 Skywest Blvd. Hayward, CA 94541 (510) 785-5631
-----END-----

DATE
TACH OR
RECORDING
METER TIME

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



TURBINE AIR
20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785 - 5631

DATE: 12/12/2005 AIRCRAFT: 7UB ENGINE TOTAL TIME: 2915.3
ENGINE TYPE: TIS0-520-MCR ENGINE S/N: 511699 ENGINE TSO: 493.0
REPAIR W/O #: 3588 TACH: 923.1

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL 100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK.

I certify that this aircraft/component has been inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed. All work has been performed in accordance with CFR Title 14 §43.13(a) & (b).

AUTHORIZED SIGNATURE: _____

Allen Dake A&P 561084999 IA

END





TURBINE AIR

20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785 - 5631

DATE: 5/5/2006 AIRCRAFT: 7UB ENGINE TOTAL TIME: 2943.8
ENGINE TYPE: TIS0-520-MCR ENGINE S/N: 511699 ENGINE TSO: 521.5
REPAIR W/O #: 3588 TACH: 951.6

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100+.
THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK.

I certify that this aircraft/component has been inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed. All work has been performed in accordance with CFR Title 14 §43.13(a) & (b).

AUTHORIZED SIGNATURE: _____

Allen Dake A&P 661084999 IA

END

DATE

TACH OR
RECORDING
METER TIME

DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



TURBINE AIR

20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785 - 5631

DATE: 11/1/2006	AIRCRAFT: 7UB	ENGINE TOTAL TIME: 2980.6
ENGINE TYPE: TIS0-520-MCR	ENGINE S/N: 511699	ENGINE TSO: 558.3
100 HOUR INSPECTION	W/O #: 3589	TACH: 988.4

CW ALL ROUTINE MAINTENANCE INSPECTION ITEMS. CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100+. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED. INSTALLED A NEW ALTERNATOR BELT.

I certify that this aircraft/component has been inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed. All work has been performed in accordance with CFR Title 14 §43.13(a) & (b).

AUTHORIZED SIGNATURE: _____

Allen Dake A&P 561084999 IA

END



TURBINE AIR
20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631

DATE: 8/8/2007 AIRCRAFT: N7UB ENGINE TOTAL TIME: 3032.6
ENGINE TYPE: TS10-520-MCR ENGINE S/N: 511699 ENGINE TSO: 610.3
REPAIR TACH: 1040.4

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QTS AEROSHELL W100+.
THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK.

I certify that this component has been inspected in accordance with current
regulations of the FAA and is approved for return to service for the work performed.

AUTHORIZED SIGNATURE: _____


Allen Dake ACP 561084999 IA

END

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<div data-bbox="576 283 852 346" data-label="Image"> </div> <div data-bbox="430 346 1015 409" data-label="Text"> <p>TURBINE AIR 20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631</p> </div> <div data-bbox="365 388 1088 483" data-label="Text"> <p>DATE: 1/3/2008 AIRCRAFT: 7UB ENGINE TOTAL TIME: 3057.8 ENGINE TYPE: TS10-520-R ENGINE S/N: 511699 ENGINE TSO: 635.5 100 HOUR INSPECTION TACH: 1065.5</p> </div> <div data-bbox="470 472 974 535" data-label="Text"> <p>100 hour inspection completed in accordance with all applicable items required by CFR Title 14, Part 43 Appendix D.</p> </div> <div data-bbox="373 525 1047 609" data-label="Text"> <p>CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100+. THE OIL FILTER WAS INSPECTED FOR CONTAMIANTES OK, THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED</p> </div> <div data-bbox="462 598 990 661" data-label="Text"> <p>I certify that this component has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition.</p> </div> <div data-bbox="381 693 600 724" data-label="Text"> <p>AUTHORIZED SIGNATURE: _____</p> </div> <div data-bbox="600 588 941 766" data-label="Text"> <p><i>[Handwritten Signature]</i> Allen Dake, A&P 65108499-1A END</p> </div>

TACH OR
RECORDING
METER TIME

DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



TURBINE AIR

20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631

DATE: 2/10/2009 AIRCRAFT: 7UB ENGINE TOTAL TIME: 3133.5
ENGINE TYPE: TIS0-520-R ENGINE S/N: 511699 ENGINE TSO: 711.2
100 HOUR INSPECTION TACH: 1141.3

100 hour inspection completed in accordance with all applicable items required by CFR Title 14, Part 43 Appendix D.

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL 100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. INSTALLED SIX NEW SPARK PLUGS. THE MAGNETOS WERE REMOVED, C/W 500HR INSPECTION BY A/C ELECTRICAL CPMPONETS, INC AND REINSTALLED.

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

AUTHORIZED SIGNATURE

[Handwritten Signature] A+P# 2760126

August 29, 2009
Tach: 1192.0

N7UB

Drained oil and removed oil filter from the engine. Took oil sample at this time for lab analysis. Inspection of the filter & screen revealed no contamination at this time. Replaced oil sump drain plug with a new plug. Serviced the engine with 9 qts of Aeroshell W100PLUS oil

N7UB

August 29, 2009
Tach: 1192.0

Drained oil and removed oil filter from the engine. Too oil sample at this time for lab analysis. Inspection of the filter & screen revealed no contamination at this time. Replaced oil sump drain plug with a new plug assembly and secured in place accordingly. Serviced the engine with 9 qts of Aeroshell W100PLUS oil and installed a new filter.

A&P Aviation Services
www.apaviation.net
805/348-9581

ABZP
AP564987072



TURBINE AIR
20511 Skywest Drive • Hayward, CA 94541 • (510) 785-5631

DATE: 3/1/2010 AIRCRAFT: 7UB ENGINE TOTAL TIME: 3217.5
ENGINE TYPE: TS10-520-R ENGINE S/N: 511699 ENGINE TSO: 795.2
100 HOUR INSPECTION TACH: 1225.3

100 hour inspection completed in accordance with all applicable items required by CFR Title 14, Part 43 Appendix D.

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QTS AEROSHELL W100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK, INSTALLED 6 NEW SPARK PLUGS. C/W AD 2009-16-03 COMPRESSION CHECK WITH LEAK DETECTION, NO DEFECTS FOUND.

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

AUTHORIZED SIGNATURE: _____

[Handwritten Signature]

Allen Dale ACP 664084999

END

TACH OR
RECORDING
METER TIME

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



TURBINE AIR

20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631

DATE: 4/12/2011 AIRCRAFT: N7UB ENGINE TOTAL TIME: 3246.8
ENGINE TYPE: TSI0-520-R ENGINE S/N: 511699 ENGINE TSO: 824.5
100 HOUR INSPECTION TACH: 1254.6

100 hour inspection completed in accordance with all applicable items required by CFR Title 14, Part 43 Appendix D.

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED. C/WA D 2009-16-03, PERFORMED COMPRESSION CHECK WITH LEAK DETECTION, NO DEFECTS FOUND.

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

AUTHORIZED SIGNATURE: _____

Allen Dake A&P 681084999 IA

END



TURBINE AIR

20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631

DATE: 10/16/2011 AIRCRAFT: 7JB ENGINE TOTAL TIME: 3302.1
ENGINE TYPE: TSI0-520-R ENGINE S/N: 511699 ENGINE TSO: 879.8
REPAIR TACH: 1309.9

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROSHELL W100, C/W
AD 2009-16-03 COMPRESSION CHECK WITH LEAK DETECTION, NO DEFECTS
FOUND.

I certify that this component has been inspected in accordance with current
regulations of the FAA and is approved for return to service for the work performed.

AUTHORIZED SIGNATURE: _____

Allen Dake ACP-56108-1999 IA

END

DATE TACH OR RECORDING METER TIME

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



TURBINE AIR
20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785 - 5631

DATE: 5/14/2012 AIRCRAFT: 7UB ENGINE TOTAL TIME: 3343.2
ENGINE TYPE: TSI0-520-R ENGINE S/N: 511699 ENGINE TSO: 920.9
100 HOUR INSPECTION TACH: 1351.0

100 hour inspection completed in accordance with all applicable items required by CFR Title 14, Part 43 Appendix D.

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QTRS AEROSHELL W100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK. THE SPARK PLUGS WERE REMOVED, CLEANED, ROTATED AND REINSTALLED. C/M AD 2009-16-03 PERFORMED COMPRESSION CHECK WITH LEAK DETECTION AND NO DEFECTS FOUND.

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

AUTHORIZED SIGNATURE:

Allen Dake A&R 561084999 IA

END



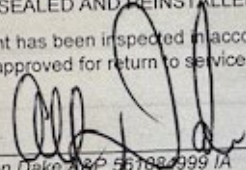
TURBINE AIR
20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785-5631

DATE: 11/15/2012 AIRCRAFT: 7UB ENGINE TOTAL TIME: 3395.2
ENGINE TYPE: TS10-520-R ENGINE S/N: 511699 ENGINE TSO: 972.9
REPAIR TACH: 1403

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROHELL 100. CW AD 2009-16-03, PERFORMED COMPRESSION CHECK WITH LEAK DETECTION, CYLINDERS #2, #4, & #6 WERE REMOVED, INSTALLED NEW ECI CYLINDERS, P/N AEC631397, S/N 81255-16, 81255-17 & 81255-21. ALL FUEL INJECTION NOZZLES WERE REMOVED, CLEANED, RESEALED AND REINSTALLED.

I certify that this component has been inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed.

AUTHORIZED SIGNATURE: _____


Allen Dake P 51087999 IA
END

HOUR
RECORDING
AFTER TIME

DESCRIPTION
SIGNATURE & CERTIFICATE

PERFORMED
FORMING WORK



TURBINE AIR
20511 SKYWEST DRIVE • HAYWARD, CA 94541 • (510) 785 - 5631

DATE: 2/22/2013	AIRCRAFT: 7UB	ENGINE TOTAL TIME: 3408.8
ENGINE TYPE: TSIO-520-R	ENGINE S/N: 511699	ENGINE TSO: 986.5
REPAIR		TACH: 1416.6

CHANGED THE OIL AND FILTER, SERVICED WITH 10 QRTS AEROHELL W100. THE OIL FILTER WAS INSPECTED FOR CONTAMINATES OK.

I certify that this component has been inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed.

AUTHORIZED SIGNATURE: _____

Allen Dake A&P/561984999 IA

END

7UB
M TSIO-520-McR
ed No: 511699



West Valley Aircraft Services, LLC.
Embarcadero Rd. Hangar B, Palo Alto, CA 94303
Tel. (650) 565-0063

5/8/2013
Tach: 1432.1
TSO: 1000.1

N7UB
TCM TSIO-520-McR
Serial No. 511699



West Valley Aircraft Services, LLC.
Embarcadero Rd. Hangar B, Palo Alto, CA 94303
Tel. (650) 565-0063

5/8/2013
Tach: 1432.1
TSOH: 1002.1
TTE: 3424.3
TTA: 3737.1

Engine Entry:

Performed inspection of the aircraft using the Cessna T210 maintenance manual 100 hour checklist as guide. Drained the oil and serviced the engine with 10 quarts Aeroshell 15W50. Replaced filter p/n 148108-1. Removed spark plugs, cleaned and inspected. Compression Results [Master Orifice 46/80] 1) 56/80 2) 78/80 3) 50/80 4) 75/80 5) 56/80 6) 74/80. Reinstalled spark plugs with new gaskets. Cut open old filter and inspected, no abnormal contaminants found. Inspected teh sump screen and reinstalled/secured. Inspected fuel lines, intake and exhaust headers. Inspected the alternator and starter connections and mounting. Inspected the heat exchanger in accordance with **AD71-09-07R1** by vacuum pressure leak check, no leaks detected. NID Tach 1532. Performed engine run up, leak and power check, all parameters appear normal.

Kevin R. Pinger A&P LA 3236526

N7UB
TCM TSIO-520-McR
Serial No. 511699



West Valley Aircraft Services, LLC.
Embarcadero Rd. Hangar B, Palo Alto, CA 94303
Tel. (650) 565-0063

5/8/2013
Tach: 1432.1
TSOH: 1002.1
TTE: 3424.3
TTA: 3737.1

Engine Entry:

I certify that this engine has been inspected in accordance with an Annual Inspection and a list of discrepancies and unairworthiness items dated 05/08/2013 has been provided to the owner or operator. The following are a list of UNAIRWORTHY ITEMS:

1. Right fuel gage inoperative.
2. **AD2009-16-03** SAP cylinder replacement due to potential head separation applies to cylinders #1 #3 and #5 due at TBO. TBO due first of 1600 hours time in service or 12 years per Continental Motors SIL98-9B (in service date was 09/08/2000 per logbook).

Kevin R. Pinger A&P LA 3236526

METER TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

AIRFRAME LOG BOOK ENTRY

11/7/2013 Tach: 1469.9 SMOH: 1039.9 TCM TSIO-520-R s/n 511699 N7UB

Removed engine from Cessna T210M s/n 21061593 for inspection/repair.

Kenneth D. Terry for Lake Aviation Center
Kenneth D. Terry A&P453909832 20 Airport Dr., Camdenton, MO 65020



WESTERN Skyways
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 - CRS # WS9R575J

Engine Model: TSIO-520-R

Serial Number: 511699

Time: 3462.1 TTE

Work Order: W050217

Tach 1469-?

Date: 01/31/2014

This engine was disassembled and inspected for a prop strike inspection per TCM SB96-11B. Installed serviceable crankcase M/N: L159306RS. Crankshaft S/N: B0346 was visual, dimensional, magnetic particle and ultrasonic inspected per AD97-26-17, CSB96-8 and MSB96-10A. Installed serviceable camshaft P/N: 653052 certified by Aircraft Specialties Services, Inc. under their W/O# 222479, and lifters P/N: SA628488 & SA646277 certified by Aircraft Specialties Services, Inc. under their W/O# 222811. Overhauled 4ea. connecting rods and 12ea. rocker arms. Installed serviceable crank gear P/N: 536421, shaft gear P/N: 539568M.030, drive impeller P/N: 629263, oil pump housing P/N: 655119, and 2ea. connecting rods P/N: 655004 installed in position #1 & 2. Installed serviceable oil cooler P/N: 20617A certified by Turnair, LLC under their W/O# Z4UR1822. Installed new cylinders S/N: 526M1313186, 526M1313195, 526M1313196 and pistons P/N: AEC648044 in position #1,3,5. Honed remaining cylinders and gapped new ring set P/N: SA5000-SC5. Installed new piston pins P/N: SA630046. Installed new magnetos P/N: 6320 S/N: 13111364 & 13111365. Prop governor S/N: 762686 overhauled by Southwest Aero, Inc. under their W/O# 28822. Installed S539800M30 starter adapter spring in accordance with Aircraft Specialties Inc. STC SE09846SC and Aircraft Specialties Services service bulletin No.: S-2008-01, Rev. 0, or later FAA approved revision. Starter Adapter was repaired in accordance with Continental Motors Overhaul Manual X30575 and applicable Service information. Engine was reassembled using new rod and main bearings, new rod bolts and nuts, new crankshaft & counterweight bushings, pins, plates, and snap rings, new gaskets and seals as necessary. Engine was run in a test cell for leak and operations check. Assembled I/A/W Western Skyways, Inc. Repair Specification WS-100 "Use and Application of Hylomar Sealant" dated 11/10/2010, Continental Motors, Inc. Overhaul Manual X30575 and applicable service publications.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.

Signed:

Nathaniel Ware

Nathaniel Ware
CRS# WS9R575J

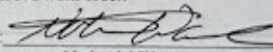
Form 201

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Manual X30575 and applicable service information. Engine was reassembled using new 100 and main bearings, new 100 bolts and nuts, new crankshaft & counterweight bushings, pins, plates, and snap rings, new gaskets and seals as necessary. Engine was run in a test cell for leak and operations check. Assembled I/A/W Western Skyways, Inc. Repair Specification WS-100 "Use and Application of Hylomar Sealant" dated 11/10/2010, Continental Motors, Inc. Overhaul Manual X30575 and applicable service publications.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.

Signed:



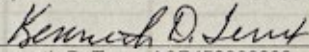
Nathaniel Ware
CRS# WS9R575J

Form 201

ENGINE LOG BOOK ENTRY

4/3/2014 Tach: 1469.9 SMOH: 1039.9 TCM TSIO-520-R s/n 511699 N7UB

Installed repaired engine on Cessna T210M s/n 21061593 N7UB at 3774.9 hrs aircraft total time. Serviced with 12 qts Aeroshell 100 mineral oil. AD 2014-05-29 (superseded AD 2009-16-03) SAP cylinders was satisfied by replacement with new SAP cylinders p/n SA52006-A22P during engine repair, this is terminating action for recurring inspections. Ground run & leak check performed. I certify that this engine has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition.



for Lake Aviation Center
Kenneth D. Terry A&P453909832 20 Airport Dr., Camdenton, MO 65020

06/02/2015 TACH TIME: 1487.20 DESCRIP SMOH: 1057.2 WORK PERFORMED N7UB
 Performed 100 hour inspection this date per manufacture guide. Compressions 75/80 and above. Cleaned, gapped and tested all spark plugs. Inspection of all fuel lines and exhaust system found to be okay at this time. Run up check found to be okay at this time, no leaks found. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition. Paul E. Rush A&P 492669013. *Paul E. Rush*

06/02/2015 TACH: 1487.2 HRS SMOH 1057.2 N7UB
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.
Philip D. Chaffee PHILIP D. CHAFFEE A&P 1990828 IA

08/10/2015 TACH TIME: 1497.8 SMOH: 1067.8 N7UB
 Changed oil and serviced with 11 quarts of 15W50 Aeroshell, changed filter serviced with CH48-108 no contaminants noted at this time. Run-up and leak checked found to be okay at this time. Paul E. Rush A&P 492669013. *Paul E. Rush*

05/07/2016 TACH TIME: 1509.4 HRS SMOH: 1079.4 HRS N7UB
 Performed 100 hour inspection this date per manufactures guide. Compressions found to be 71/80 and above. Inspection of all fuel lines and exhaust system found to be okay at this time. Run up and leak checked found to be okay at this time. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition. Paul E. Rush A&P 492669013. *Paul E. Rush*

05/07/2016 TACH: 1509.4 HRS SMOH: 1079.4 HRS N7UB
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.
Philip D. Chaffee PHILIP D. CHAFFEE A&P 1990828 IA

Performed 100 hour inspection and found to be okay at this time. Run up and leak checked found to be okay at this time. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition. Paul E. Rush A&P 492669013. *Paul E. Rush*

05/07/2016 TACH: 1509.4 HRS SMOH: 1079.4 HRS N7UB
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

Philip D. Chaffee PHILIP D. CHAFFEE A&P 1990828 IA



ABSOLUTE AERO

MAINTENANCE

2205 Skywest Drive, Hayward, CA 94541 - 510 782-6591

ENGINE ENTRY

WORK ORDER: 1387 AIRCRAFT: N7UB TACH: 1534.5 TSOH: 1104.5 TTE: 3526.7

DATE: 05/18/2017

MODEL: Continental TSIO-520- R S/N: 511699

Cylinder compression results: #1: 74/80, #2: 72/80, #3: 76/80, #4: 77/80, #5: 66/80, #6: 76/80, M.O. 44/80. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 11 quarts of Aeroshell 15W50 oil and 1 pint of ASL Camguard. Cleaned, gapped and tested spark plugs. Replaced three spark plugs with new (P/N: URHB32E). Rotated and re-installed spark plugs with new gaskets (P/N: M674). Set fuel pressures in accordance with TCM SID97-3G and Riley Intercooler instructions. Solvent washed engine and lubricated controls. Ground ran engine, leak and ops check good. No defects noted at this time. Verified AD's current through FAA AD Biweekly 2017-10. All work completed in accordance with Cessna 210 and Continental TSIO-520 Service Manuals. -END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Peter E McClure A&P / IA 3657837

Peter E McClure

DATE: 6/1/2018
 A/C TSN: 4035.4
 ENG TT: 3722.6
 TSMOH: 1300.4
 TACH: 1730.4

Benton Air Center
 2600 Gold Street
 Redding, Ca 96001
 Phone: 530-241-4204

Engine Entries
 (2) PERFORMED ANNUAL INSPECTION AND SERVICE OF THIS ENGINE IN ACCORDANCE WITH CESSNA AND TCM SERVICE MANUALS. CHECK/REVIEW/ COMPLY WITH ALL APPLICABLE AD'S. UPDATE LOGBOOKS. DRAINED OIL. CUT AND INSPECTED OLD FILTER ELEMENT AND WAS FOUND TO BE WITHIN MANUFACTURES LIMITATIONS. INSTALLED NEW OIL FILTER P/N: AA48108-2 AND SERVICED ENGINE WITH 11 QUARTS AEROSHELL 15W50. PERFORMED MAGNETO TO ENGINE TIMING CHECK. INSPECTED AND CLEANED GASCOLATOR FILTER AND REINSTALL. INSPECTED/TESTED AND INSTALLED ALL NEW SPARK PLUGS P/N URHB32E. REINSTALL COWLING. LEAK AND OPERATIONAL CHECKS GOOD AT THIS TIME. COMPRESSIONS CHECK: #1 69, #2 75, #3 72, #4 72, #5 75, #6 69... (23) AD 16-16-12 ECI CYLINDERS ARE EXEMPT FROM AD BY S/N'S OF CYLINDERS INSTALLED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

DATE: 6/1/2018 SIGNED: [Signature] Work Order: 17411
 John Bethea, IA: AP3726183 Printed by EBis 3 (datamedia.com)

2-27-2019 Tach 1886.8
 SA50(2NM) ~~SA50(2NM)~~ Supervised Owner assist Turbo sys. and new Knisley Welding Inc. Exhaust sys (IAW STC + gaskets, Exhaust sys tested IAW AD 77-09 next due tach 1986.8 See 337 this date.

2-27-2018

Tach 1886.8

Supervised Owner assist Turbo sys and new Knisley Welding Inc. Exhaust sys (IAWSTC SA5012NM) ~~SA5009NM~~. New stainless hardware + clamps + gaskets, Exhaust sys tested IAW AD 71-0908 next due tach 1986.8 See 337 this date. No change Wt + Bal.

Mini Turbo Sys Inc 8130 SN ZB004386 W/P # 56506

Knisley WD # 161637 10-08-2018

Alternator R+R AEC

Starter R+R AEC 8130 WD # 38177 ^{Truck # 82525}

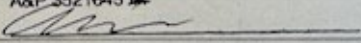
R+R Load Mts Air Power Inc, Inv. 317998 5-24-2018

Comp test #1 70/60 #2 74/60 #3 68/60 #4 76/60 #5 70/60 #6 76/60 Timing OK

OK. Oil Filter cut open, No Ferrous Metal

I certify this ~~Auto~~ Engine has been inspected IAW an 100 hr/Annual inspection and was determined to be in an Airworthy Condition.
Eric O. Sawyer
A&P 3521645-9

owner oil change + filter 8/ TT 1886.8

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5-28-21	2068.4	<p>Comp #1 70/80 #2 71/80 #3 63/80 #4 74/80 #5 72/80 #6 74/80 Oil filter cut open no Metal, Timing OK Clean gap & Rotated plugs Run up & Leak ck OK</p> <p>I certify this Aircraft/Engine has been Inspected IAW an 100 hr/Annual inspection and was determined to be in an Airworthy Condition. Eric O. Sawyer A&P 3521645 </p>
2110.0	TTA 4912.8	<p>Comp #1 79/80, #2 72/80, #3 79/80, #4 71/80, #5 78/80, #6 70/80 gear swing, oil + filter, off tank cert, wing spar inspect, Pac West 5-17-2021, 74/0 NPT 1340 - Ed-57-08 inspector Cert</p>

10-20-20 2091

ATI reman L+A Magneto Champion / 8812-871131365
AEC 8042386

New Plug wires, Polish exhaust valves #1, 3, 5, New plugs
S *Steve Gregory*

2021
May 17 2110

Comp #1 $\frac{72}{80}$ #2 $\frac{72}{80}$ #3 $\frac{74}{80}$ #4 $\frac{71}{80}$ #5 $\frac{74}{80}$
#6 $\frac{70}{80}$ Timing OK

Wash down + Run up k-k OK

I certify this Aircraft Engine has been
inspected IAW an 100 hr/Annual
inspection and was determined
Airworthy Condition
E. C. *[Signature]*
A 8374645 IA

		DESCRIPTION OF WORK PERFORMED	
DATE	TACH OR RECORDING METER TIME	SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
6-7-22	22041	<p>clean mag system, #1-60, #2-70, #3-72, #4-70, #5-68, #6-72 pack wheel bearings, new tire 8.75, new brake pads, air bleed Cut open filter no metal Drain + fill w 100+ Acrosshell install & safety 48/08-2 Wash down + Run up</p>	
<p>I certify this Auto Engine has been inspected IAW 501 100 hr/Annual Inspection and was determined to be in an Airworthy Condition. Eric O. Sawyer A&P 3521645A</p>			
5-7-29	2238	<p>annual inspection per CPA 210, #155/80, #260/80, #78/80 #4 70/80, #5 78/80, #6 78/80, new check valve bottom turbo drain, oil filter clean 9 quarts</p>	
5-9-29	2236	<p>Run up + Leak ck OK Return to Service E.O.S. 3521645A & P</p>	

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