

Book #2

From: 02/01/94



PREHEAT
SYSTEMS

TANIS AIRCRAFT SERVICES

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The Standard



- ENGINE LOG

ASA-SE-1

END-8-31-06

WESTERN CYLINDER OVERHAUL, INC.

F.A.A. Repair Station #VA3R912L

15942 Arminta Street
Van Nuys, California 91406

Make Lycoming Model TIO-540-S1AD
Serial # L-7449-61A Date February 1, 1994

Engine major overhauled this date. Pertinent details of this overhaul are on file at this Agency under Work Order # E1792. Work has been performed according to current F.A.A. regulations. All applicable Airworthiness Directives received were complied with through this date. This engine has been approved for return to service. Fits and clearances are at Factory "Zero Time" specifications. TSMOH 00.0 hrs.

All ADs complied with
through this date.

WESTERN CYLINDER OVERHAUL, INC.

By M. A. [Signature], C.I.
Chief Inspector

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.)
4/9/94	TACH=1349.58 Hrs.			SMOHA = 0.01 Hrs. INSTALLED ENGINE ON N8305W, S/N = 32-8124007 USING NEW VIBRATION ISOLATORS, REPLACED ALL FLUID & AIR HOSES, ALL RAFFCE SEAL MATERIAL, NEW OIL COOLER INSTALLED, IN- STALLED TURBO-PLUS INTER-COOLER SYSTEM PER STC # BA2935NM & MANUFACTURERS INST. INSTRUCTIONS # PA32-18000. ENGINE GROUND & FLIGHT BREAK-IN COMPLETED. OIL DRAINED, FILTER OUT OPEN - NO DEBRIS NOTED, RE-SERVICED 12 QTS. AEROSHELL 100- MINERAL OIL WITH NEW FILTER. LEAK CHECKED OK. TURBO- CHARGER, VACUUM PUMP NOT OVERHAULED AT THIS TIME, EITHER WERE THE PROPELLER OR PROPELLER GOVERNOR. AIRCRAFT RETURNED TO SERVICE, END ENTRY

1391300957A

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.)
6/1	5/25/94			TACH = 1372.9 Hrs. CHANGED OIL AND FILTER, CUT OPEN FILTER NO DEBRIS NOTED, RE-SERVICED 12 QTS. AEROSHELL 100 MINERAL OIL. GROUND RUN FOR OPS & LEAK CHECK-OK. RETURNED AIRCRAFT TO SERVICE. Michael Remy 569130095 AEP
7/30/94				TACH = 1402.9 Hrs. CHANGED OIL & FILTER, CUT OPEN FILTER NO DEBRIS NOTED, RE-SERVICED 12 QTS. AEROSHELL 15W-50 OIL. GROUND RUN FOR OPS & LEAK CHECK, OK RETURNED AIRCRAFT TO SERVICE. END ENTRY Michael Remy 569130095 AEP

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.)
	11/21/84			
Date: 5/26/95	Tach/Hobbs: 1448.76			
T.T:				
I certify that this aircraft / engine has been				5MO T.T: 136.98
inspected in accordance with an 25/50 hrs.				I certify that this aircraft / engine has been
inspection and was determined to be in air				inspected in accordance with an Annual
worthy condition per applicable Lycoming				inspection and was determined to be in air
service manual.				worthy condition per applicable Lycoming
Signed: Michael J. May 58913009SAAP				service manual.
SERVICED HQB. AEROSHELL 15W-50.				Signed: Michael J. May 58913009SAAP
				REPLACED AIR FILTER ELEMENT, SER-
				VICED HQB. 15W-50 AEROSHELL, INSTALL-
				ED NEW CHT PROBE. (AIRCRAFT)

DATE 19 <u>96</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.)
11 July	Tach = 1537.70		TSM/OH = 188.12	Drained Engine Oil & reserviced full w/ Aeroshell 15W-50 oil. Removed oil filter & installed new filter P/N CH48103. Removed, cleaned, gapped, tested, and installed all spark plugs. Removed, inspected, cleaned & reinstalled oil suction screen. Removed, cleaned & reinstalled all injectors w/new seals P/N 951391. Installed new induction air filter P/N BA 9005. Replaced oil dipstick tube w/new one P/N 77527. All A.P.'s checked thru 1 July 96. Engine Run Normal No leaks noted. END.
				Robert J. Jorgensen IA #1P15628415 A+P

[illegible]

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.)
Date: <u>8/23/99</u>	Tach/Hobbs: <u>1610.51</u>			
T.T. _____				
I certify that this aircraft / engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in air worthy condition per applicable <u>COMPANY</u> service manual.				
Signed: <u>[Signature]</u>				<u>5891300957A</u>

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.)
4/3/98	TACH=1643.76 Hrs.			CHANGED OIL & FILTER, SERVICED 11QTS. AEROSTHELL 15W-50. GROUND RAN FOR OPS & LEAK CHECK. AIRCRAFT RETURNED TO SERVICE. END ENTRY Michael Henry SB9130095AEP
8/11/98	TACH=1676.0 Hrs.			CHANGED OIL & FILTER, SERVICED 11QTS. AEROSTHELL 15W-50. GROUND RAN FOR OPS & LEAK CHECK. AIRCRAFT RETURNED TO SERVICE. END ENTRY Michael Henry SB9130095AEP

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.)
Date: <u>9/16/98</u>	Tach/Hobbs: <u>1680.75 Hrs.</u>			COMP V'S #1 = 78/80, #2 = 78/80, #3 = 77/80, #4 = 78/80, #5 = 78/80, #6 = 77/80. REPLACED AIR FILTER ELEMENT, CLEANED GAPPED & TESTED ALL SPARK PLUGS, CLEANED FUEL INJECTOR NOZZLES. C/W AD 91- 21-01 ON EXHAUST SYSTEM BY VISUAL INSPECTION - NO DISTORTION OF STACKS AND PROPER PENETRATION OF SLIP JOINTS, C/W AD 93-05-22 ON FUEL INJECTOR LINES - NO LEAKS, DENTS OR MIS-CLAMPING FOUND.
T.I: _____				
I certify that this aircraft (engine) has been inspected in accordance with an <u>100 Hrs.</u> inspection and was determined to be in air worthy condition per applicable <u>Lycoming</u> service manual.				
Signed: <u>William J. Long</u> 5791300757				

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.)
Date: <u>9/16/98</u>	Tach/Hobbs: <u>1680.75 Hrs</u>			
T.T: _____				
I certify that this aircraft / <u>Engine</u> has been				
inspected in accordance with an <u>ANNUAL</u>				
inspection and was determined to be in air				
worthy condition per applicable <u>LYCOMING</u>				
service manual.				
Signed: <u>M. J. Army SB91300751A</u>				

DATE

19__

Exodus Air Service

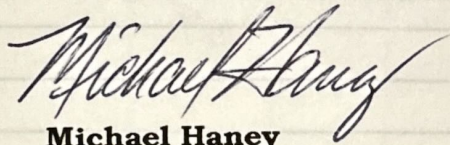
(661) 942-6489

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 10/10/99**TSMO****Tach** 1763.9 Hrs.**TSTO****Aircraft** N8305W

Compression checks #1=78/80, #2=78/80, #3=78/80, #4=79/80
#5=78/80, #6=78/80, serviced 12 Qts. Aeroshell 15W-50,
Removed and replaced waste gate/throttle cable and all spark
plugs with new parts. C/W AD91-21-01R1 on inspection of exhaust
system by visual inspection-no distortion or bulges found and
slip joints have proper penetration, C/W AD93-05-22 on fuel in-
jector lines by visual inspection-no dents or leaks noted and
all lines properly clamped. I certify that this engine has been
inspected IAW a 100 hour inspection and was determined to
be in airworthy condition.

**Michael Haney****569130095 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.)
Date: 10/10/99	Tach/Hobbs: 1763.9 Hr			
T.E.				
<p>I certify that this aircraft / engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in air worthy condition per applicable <u>COMING</u> service manual.</p>				
<p>Signed: <u>Michael Henry</u> 3291300987A</p>				

Exodus Air Service

4555 West Ave "G" (WJF)
Lancaster, California 93536

DATE

19__

Date 11/15/2000

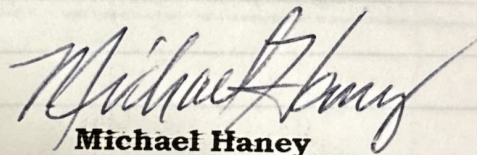
Tach 1807.06 Hrs.

Aircraft N8305W

TSMO 457.48 Hrs.

TSTO

Compression checks #1=74/80, #2=75/80, #3=72/80, #4=75/80, #5=72/80, #6=75/80. Serviced 12 Qts. Aeroshell 15W-50, C/W AD91-21-01R1 on exhaust system for cracking or distortion by visual inspection-no distortion found and proper penetration of slip joints verified, C/W AD93-05-22 on fuel injector lines by visual inspection-no leaks, dents or abnormalities found and all lines properly clamped and C/W AD2000-18-53E on complete loss of engine oil-N/A due to date in which engine was overhauled. I certify that this engine has been inspected IAW a 100 hours inspection and was determined to be in airworthy condition.



Michael Haney
569130095 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.)
Date: <u>11/13/00</u>	Tach/Hobbs: <u>1807.06 Hrs.</u>			
TT: <u>457.48 Hrs.</u>				
<p>I certify that this aircraft <u>engine</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in air worthy condition per applicable <u>LYCOMING</u> service manual.</p>				
<p>Signed: <u>Michael Henry 53913007JA</u></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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Exodus Air Service
(661) 942-6489

4555 West Ave "G" (WJF)
Lancaster, California 93536

Date 06/25/2001

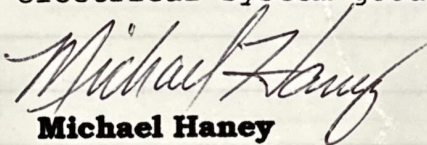
Tach 1838.39 Hrs.

Aircraft N8305W

TSMO

TSTO

Removed and replaced alternator with overhauled unit from "Electro Systems", p/n on ALY6421R, s/n on B052263. Serviced, charged and re-installed aircraft battery. Ops check electrical system-good. Aircraft returned to service.


Michael Haney
569130095 A&P/IA

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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Exodus Air Service

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 01/26/2002

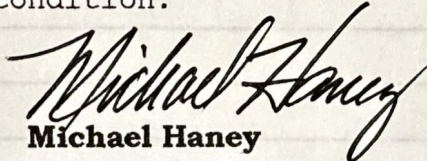
Tach 1858.2 Hrs.

Aircraft N8305W

TSMO 508.62 Hrs.

TSTO

Compression check #1=75/80, #2=75/80, #3=73/80, #4=74/80, #5=74/80, #6=70/80. Serviced 10 Qts. Aeroshell 15W-50. Complied with AD91-21-01R1 on exhaust system inspection by visual inspection-no distortion found and proper penetration of all slip joints verified, complied with AD 93-05-22 on fuel injectors lines by visual inspection-no leaks found and lines are properly clamped and AD96-12-07 on Bendix impulse couplings by visual inspection-within limits at this time. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition.


Michael Haney
569130095 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.)
19__				

Exodus Air Service

4555 West Ave "G" (WJF)
Lancaster, California 93536

Date 01/26/2002

Tach 1858.2 Hrs.

Aircraft N8305W

TSMO 508.62 Hrs.

TSTO

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition per applicable Lycoming service manual.

Michael Haney

Michael Haney
569130095 A&P/IA

Exodus Air Service

(661) 942-6489

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 01/25/2003

Tach 1877.23 Hrs.

Aircraft N8305W

TSMO 527.65 Hrs.

TSTO

ACTT

Compression checks #1=76/80, #2=78/80, #3=78/80, #4=76/80, #5=76/80, #6=78/80, removed and replaced #6 cylinder rocker cover gasket and removed magneto, set contactors, reinstalled with new gasket and set mag to engine timing. Complied with AD91-21-01R1 on preventing cracking or distortion of engine exhaust system by visual inspection-no distortion found and proper penetration of slip joints verified, complied with AD93-05-22 on to prevent the failure of the fuel injector fuel lines by visual inspection-no leaks, dents or abnormalities found, complied with AD2002-12-07 on to prevent the loss of engine oil by installation of oil filter adapter gasket p/n 06E23072 per SB543A and SI1453, complied with AD2002-20-51E on to prevent crankshaft failure by data research-N/A due to engine serial number, complied with AD2002-23-06 on to prevent loss of all engine power by data research-N/A due to the engine being a single magneto drive type and complied with AD2002-26-01 on to prevent failure of the fuel injector fuel lines by visual inspection per SB342D-no leaks found and clamping is proper. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Michael Henry 589130095 AEP

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.)
Date: <u>1/25/03</u>	Tach/Hobbs: <u>1877.23 Hrs.</u>			
T.I:				
I certify that this aircraft <u>engine</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in air worthy condition per applicable <u>LYCOMING</u> service manual.				
Signed: <u>Michael Henry 569130095TA</u>				

DATE

19__

DATE : 9/04/03 TIO-540-S1AD W/O: MT093012 Page of 1

OF
(IES.)

AC S/N: 8124002

L-7449-61A

TSO: 591.5

AC REG: N8305W

ENG

CSO:

HOBBS : 1941.3

Changed oil and filter - Oil sample taken - Filter cut and inspected
- Installed new filter p/n CH48103 and serviced with Aeroshell 15W50.
Operational leak check was satisfactory. I certify that this engine
and or appliance identified above was repaired and inspected in
accordance with current FAA Regulations under which the Operator is
approved and is approved for return to service.

Pertinent details of this repair are on file at this repair station
under work order # MT093012 dated 9/04/03

Authorized Signature

TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

19__

DATE : 12/09/03

TIO-540-S1AD

W/O: MT123016

Page of 1

OF
(IES.)

AC S/N: 8124002

L-7449-61A

TSO: 635.2

AC REG: N8305W

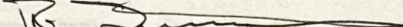
ENG

CSO:

HOBBS : 1985.0

Installed Tanis Preheater Model TAS100-7 with optional TAS104 elements. Kit s/n 36627. In accordance with installation instructions #102 and drawing #100F. Pertinent details of this are on file at this repair station under work order # MT123016 dated 12/09/03

Authorized Signature



TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

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DATE : 1/08/04 TIO-540-S1AD W/O: MT123016 Page of 1

OF
(ES.)

AC S/N: 8124002

L-7449-61A

TSO: 650.2

AC REG: N8305W

ENG

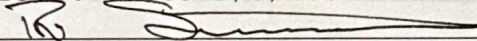
CSO:

HOBBS : 2000.0

Changed oil and filter - Oil sample taken - Filter cut and inspected
- Installed new filter p/n CH48103 and serviced with Aeroshell 15W50.
Operational leak check was satisfactory. I certify that this engine
and or appliance identified above was repaired and inspected in
accordance with current FAA Regulations under which the Operator is
approved and is approved for return to service.

Pertinent details of this repair are on file at this repair station
under work order # MT123016 dated 1/8/2004

Authorized Signature



TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

19__

DATE : 2/20/04 TIO-540-S1AD W/O: MT024017 Page of 1

AC S/N: 8124002 L-7449-61AD TSO: 653.1

AC REG: N8305W S ENG CSO: HOBBS : 2002.6

INSPECTED THIS ENGINE IAW A 100-HOUR / ANNUAL INSPECTION IAW THE
PIPER PA32-301T MAINTENANCE MANUAL CHAPTER 5-21-00 & THE LYCOMING
TIO-540 OPERATORS MANUAL SECTION 4. C/W AD2002-26-01 FUEL INJ LINE
INSP PER MSB NO. 342D W/ NO DEFECTS FOUND, DETERMINED AD2002-23-06
IS N/A BY ENG OVH DATE OF 2/01/94. C/W AD2003-14-03 FUEL PUMP SCREW
TQ INSP PER SB 529B (NOTE: SCREW RE-TQ NEXT DUE IN 50-HRS TIS, IF
SCREW RE-TQ MEETS SB SPECS THEN NO FURTHER ACTION IS REQUIRED). C/W
AD91-21-01 R1 EXH SYST INSP PER PAR a(2)i, ii & iii W/ NO DEFECTS
FOUND. DIFF CYL COMP TEST RESULTS: CYL #1 78/80, #2 78/80, #3
78/80, #4 76/80, #5 78/80 & #6 79/80. CLEANED, GAPPED & TESTED
SPARK PLUGS. CHECKED MAG TIMING, CLEANED & INSP FUEL STRAINERS &
SCREENS. NOTE: OIL CHANGE NOT YET DUE WILL INSP FLTR @ NEXT SCHED
OIL CHNG. ALL OPERATIONAL, LEAK AND GROUND PERFORMANCE CHECKS WERE
SATISFACTORY. C/W ANNUAL/100 HOUR INSPECTION IAW FAR 43, APENDIX D.
THIS ENGINE WAS FOUND AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.
AIRWORTHINESS DIRECTIVES HAVE BEEN VERIFIED FOR COMPLIANCE.

AUTHORIZED SIGNATURE

TURBO AIR INC CRS #FZRR132E / 4000 S. ORCHARD, BOISE ID 83705

OF
ES.)

DATE

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DATE

AC S/N

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DATE : 1/21/05 TIO-540-A1AD W/O: MT015023 Page of 1

AC S/N: 8124002 L-7449-61AD TSO: 729.2

AC REG: N8305W ENG CSO: HOBBS : 2078.7

Inspected this engine IAW a 100-HR inspection per FAR 43 Appendix D and the Piper PA32-301T maintenance manual chapter 5-21-00. Cylinder compressions #1 78/80 #2 78/80 #3 78/80 #4 79/80 #5 79/80 #6 79/80 C/W AD 2003-14-03 per Par (3)(ii) and Lycoming Service Bulletin 529B torque check was satisfactory, no further action required. C/W AD 2002-26-01 by inspection per Par (c) and Lycoming MSB 342D. C/W AD 95-26-13 by inspection of oil cooler hoses per Par (a)(1)(2)(i)(ii) C/W AD 91-21-01 by inspection of the exhaust system per Par (a)(2)(i)(ii)(iii). Oil sample taken. Filter cut and inspected. New filter p/n CH48103-1 installed. Serviced with Aeroshell 15W50. Clean and gaped plugs. Operational and leak checks were satisfactory.

I certify that this engine has been inspected in accordance with inspections and procedures for an inspection program required by FAR 43 Appendix D and was found to be in airworthy condition and is approved for return to service. Pertinent details are on file at this repair station under work order # MT015023 dated 1/21/05

Authorized Signature

TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

19__

DATE : 2/04/05

TIO-540-S1AD

W/O: MT025014

Page

of 1

OF
(IES.)

AC S/N: 8124002

L-7449-61A

TSO: 743.4

AC REG: N8305W

ENG

CSO:

HOBBS : 2092.9

Installed new alternator p/n ALY-6521 s/n E114117 Operational and load check was satisfactory. I certify that this engine and or appliance identified above was repaired and inspected in accordance with current FAA Regulations under which the Operator is approved and is approved for return to service.

Pertinent details of this repair are on file at this repair station under work order # MT025014 dated 2/28/05

Authorized Signature

TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

19__

DATE

: 2/28/05

TIO-540-S1AD

W/O: MT025014

Page

of 1

OF
ES.)

AC S/N: 8124002

L-7449-61A

TSO: 767.0

AC REG: N8305W

ENG

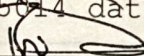
CSO:

HOBBS : 2116.5

Changed oil and filter - Oil sample taken - Filter cut & inspected.
Installed new filter p/n CH48103-1 and serviced with Aeroshell W100.
Operational leak check was satisfactory. I certify that this engine
and or appliance identified above was repaired and inspected in
accordance with current FAA Regulations under which the Operator is
approved and is approved for return to service.

Pertinent details of this repair are on file at this repair station
under work order # MT025014 dated 2/28/05

Authorized Signature


TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

DATE

DATE : 4/29/05 TIO-540-S1AD W/O: MT045020 Page of 1

19

AC S/N: 8124002

L-7449-61A

TSO: 813.8

AC REG: N8305W

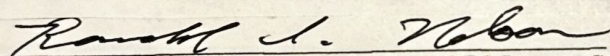
S ENG

CSO:

HOBBS : 2163.3

Complied with a 100-HR/Annual inspection IAW the Piper PA-32-301T Maintenance manual chapter 5-21. Lubed & serviced per chap 12. C/W AD 2002-26-01 fuel injection line insp per par C. Sampled, drained & serviced oil w/ Aeroshell W100. Cut & insp oil filter then inst new CH48103-1 & safetied. Insp induction air filter for condition. Cleaned, gapped & tested spark plugs. Diff cylinder compression test: cyl #1 79/80, #2 78/80, #3 78/80, #4 76/80, #5 79/80 & #6 79/80. Cleaned & insp fuel filters & screens. Insp exh syst per AD 91-21-01 R1 per par 2i, ii & iii. Checked magneto to engine timing. Inst repaired prop gov S/N D572UJ. Inst repaired wastegate P/N LW16858. Adj prop gov, throttle & wastegate rigging IAW the Piper PA-32-301T Maintenance manual requirements. All ops leak and ground performance checks were satisfactory. PERFORMED AND COMPLETED ANNUAL/100 HOUR INSPECTION IAW FAR 43, APENDIX D. THIS ENGINE HAS BEEN FOUND AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. AIRWORTHINESS DIRECTIVES HAVE BEEN VERIFIED FOR COMPLIANCE.

AUTHORIZED SIGNATURE



TURBO AIR INC 4000 S ORCHARD ST BOISE IDAHO 83705 CRS# FZRR132E

OF
(ES.)

DATE

19

DATE : 6/29/05

TIO-540-S1AD

W/O: MT065044

Page

of 1

OF
IES.)

AC S/N: 8124002

L-7449-61A

TSO: 853.0

AC REG: N8305W

ENG

CSO:

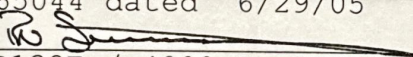
HOBBS : 2202.5

Changed oil and filter - Oil sample taken - Filter cut and inspected.
Installed new CH48103-1 filter and serviced with Aeroshell W100.

Operational leak checks were satisfactory. I certify that this
engine and or appliance identified above was repaired and inspected
in accordance with current FAA Regulations under which the Operator
is approved and is approved for return to service.

Pertinent details of this repair are on file at this repair station
under work order # MT065044 dated 6/29/05

Authorized Signature



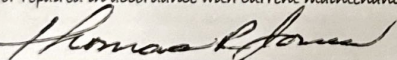
TURBO AIR INC CRS# FZRR132E / 4000 S. ORCHARD ST, BOISE ID 83705

Engine Logbook Entry

N 8305W Tach Time: 2252.3 Date: 08/17/2005

Replaced vacuum Pump with a New Tempest vacuum Pump M/N: AA3215CC vacuum Pump S/N: N33446
Blew out all Lines and Replaced Central vacuum Filter with a D9-18-1 Filter and Replaced the vacuum Relief
Filter with a B3-5-1 Filter. Ops Tested OK.

I certify this engine has been inspected and/or repaired in accordance with current maintenance manuals to F.A.A. airworthiness standards and is approved for return to service.

JETSTREAM AVIATION, INC.**Thomas R. Jones A&P507704574 I.A.**

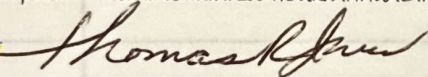
Engine Logbook Entry

N 8305W Tach Time: 0000.0 Old Tach: 2273.56 SMOH: 924.1 Date: 09/18/2005

Performed a 100 HOUR/ANNUAL INSPECTION using the Piper PA32-301T Maintenance Manual Inspection Checklist. Cleaned Engine as Necessary. Drained Oil and Replaced Filter with a CH48103-1 Filter. Opened and Inspected Filter - No Excessive Contamination Noted. Added 11 Qts. Aeroshell 100W Oil. Cylinder Compressions Tested as Follows: #1-78/80, #2-76/80, #3-77/80, #4-76/80, #5-80/80, #6-76/80. Cleaned, Gapped and Inspected Spark Plugs. Checked and Adjusted Magneto Timing as Necessary. Inspected Exhaust Pipes and Mufflers. Inspected all Hoses, Wiring and Tubes. Inspected and/or lubricated All Engine Controls. Inspected, Dressed and Painted Propeller as Needed. Checked for Compliance with Applicable AD's in Effect on This Date. C/W AD 91-21-01 R1 on Exhaust System by Inspection per Para. a(2)i, ii, & iii. No Defects Noted. Due Each 100 Hours at 100.0 Tach Time. C/W AD 95-26-13 on Oil Cooler Hoses by Inspection per Paragraph A(1). Determined to be Airworthy. Due Each 100 Hours at 100.0 Tach Time. C/W AD 2002-26-01 on Fuel Injector Lines by Inspection per Para. "c" and Lycoming MSB 342D. Due Each 100 Hours at 100.0 Tach Time. Performed a Routine Inspection and Miscellaneous Maintenance. Post Inspection Engine Runup, Leak Check and Control Functions were Normal.

I certify that this engine has been inspected in accordance with a 100 HOUR/ANNUAL INSPECTION and was determined to be in an airworthy condition.

JETSTREAM
AVIATION, INC.



Thomas R. Jones A&P507704574 I.A.