

The Standard
ENGINE LOG

ASA-SE-2

BJ3R39L

AD No: 82-20-01

Eff. Date: 06-14-83

TO PREVENT FAILURE OF IMPULSE COUPLING DUE TO IMPROPERLY

HEAVY IRRADIATED (SOF) FLYWEIGHTS RESULTING IN CHANGING CHARACTERISTICS. AUTH. SIGNATURE & NUMBER:

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:Comp.Date: Hrs : Next Due :Method of Compliance: Rating:
:10/19/95 : 00/H : : NO MAGS SUPPLIED : BJ3R399L

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1630

AD No: 88-03-06

Eff. Date: 04-15-88

9-43-06
CITY DATE: 07-10-08
TO PREVENT POSSIBLE LOSS OF ENGINE OIL AND SUBSEQUENT ENGINE FAILURE

ENGINE FAILURE

:Comp. Date: Hrs : Next Due :Method of Compliance: Auth. Signature & Number:
:12/18/95 :@N/H :N/A :N/A BY MANUFACTURE :: BJ3R399L

AD No: 91-19-03

二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。

TO PREVENT OPERATION WITH COLLAPSED OIL FILTER ELEMENTS, WHICH CAN RESULT IN LOSS OF OIL PRESSURE, CONTD.

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Comp. Date: Hrs: Next Due: Method of Compliance: Auth. Signature & Number:
12/18/95: 00/H: N/A: N/A BY DATE CODE: BJ3R399L

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AD No: 92-04-09

44-38861-93

TO PREVENT ENGINE FAILURE
ROCKER SHAFT HOLD DOWN STUD

:Comp. Date: Hrs : Next Due : Method of Compliance: Auth. Signature & Number: :
 :12/18/95 : @/H : N/A : C/W S.B. M92-4 : BJ3R399L :

AD No: 93-10-02

En date = 08-12-93

TO PREVENT AN ENGINE FAILURE DUE TO A MISSING CYLINDER VALVE RETAINER KEY

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:Comp. Date: Hrs : Next Due :Method of Compliance: Auth. Signature & Number:
:12/18/95 :00/H : N/A :ALL KEYS INSTALLED : BJ3R399L

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AD No: 94-96-99

Eff. Date: 05-20-94

TO PREVENT INJURY OR DEATH
TO GROUND PERSONNEL DUE TO
A NON-GROUNDED MAGNETO

:Comp. Date: Hrs : Next Due : Method of Compliance: Auth. Signature & Number: :
 :12/18/95 :00/H : :NO MAGS SUPPLIED : BJ3R399L :

AD No: 95-08-10

Eff. Date: 07-10-95

TO PREVENT ENGINE FAILURE DUE TO INCORRECTLY ASSEMBLED TURBOCHARGER OIL OUTLET CHECK VALVE, WHICH COULD CONT.

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:Comp.Date: Hrs : Next Due :Method of Compliance: Auth. Signature & Number:
:12/18/95 :@0/H : : NO CHECK VALVE : : BJ3R399L

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SUPPLIED @ O/H

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 Technician or Repair Facility. (See back pages for other specific entries.)



VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(415) 856-7616

F.A.A. CERTIFIED
REPAIR STATION #BJ3R399L

A/C Reg. # _____ A/C Ser. # _____ W.O. # 9860
Engine Make T.C.M. Model TS10360-FB
Serial # 310911 Eng. T.T. 1479.0 S.M.O.H. 0
A/F T.T. _____ Hobbs Time _____ Tach Time _____

1. Engine major overhauled in accordance with the manufactures current manual for this model.
2. Ignition harness by Skytronics.
3. Fuel injection system by T.C.M.
4. Crankcase repaired and certified by Nickson's Machine Shop, Inc.
5. Alternator overhauled by Aero Electric Inc.
6. See front of log book for AD listing, see rear for maintenance releases.
7. The engine identified above was repaired and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service for the work performed. Pertinent details of the repair are on file at this agency under work order # 9860 dated 1/19/95.
8. Nothing follows.

Inspector R. E. [Signature] Date 12/18/95
For repair station of Victor Aviation Services, Inc.

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DATE 2-23-96

TACH 1310.0

INSTALLED ENGINE FROM VICTOR AVIATION IN N5790V.
 INSTALLED NEW WAATE GATE CONTROLLER FROM MERLYN.
 INSTALLED NEW VACCUMM PUMP, INSTALLED NEW OIL AND
 FUEL HOSES IN ENGINE COMPARTMENT. INSTALLED REMAN
 MAGNETO ON RT. INSTALLED NEW STARTER, AND OVERHAULED
 TURBO CHARGER. INSTALLED NEW TURBO OIL CHECK VALVE.
 ENGINE WAS RUN UP AND LEAK CHECKED. NO LEAKS FOUND.
 ADJUSTED FUEL FLOW AND PRESSURE IN ACCORDANCE WITH
 CONTINENTAL SPECS. I CERTIFY THIS ENGINE WAS INSPECTED
 IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS
 APPROVED FOR RETURN TO SERVICE.

Wendell Hall

A&P 247988027

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N5790V ENGINE LOG

AMR COMBS-BHM

TACH 1348.2 HOURS

1. REPLACED THE RIGHT MAGNETO, P/N 10-79020-18, ON S/N A249602DR, OFF S/N J029509DR
2. GROUND OPS RUN CHECKED NORMAL

THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.12525**DATE 06/01/96**SIG

BRYAN GARUS
A&P 276487985

Date

09-02-1996

Tach

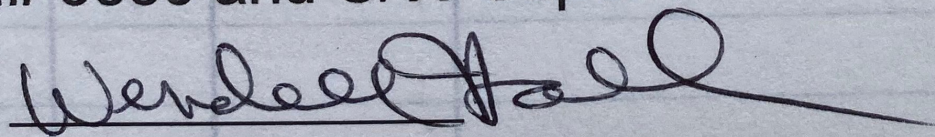
1398.3

SMOH

88.3

Checked piston pin part numbers installed by Victor Aviation
W.O.# 9860 and C/W Superior Air Parts (SB) 96-001.

A&P



247988027

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 Technician or Repair Facility. (See back pages for other specific entries)
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Date 01/17/97 Tach 1466.0 SMOH 156.0

Performed 100 hour inspection per Piper Arrow III Service Manual inspection report. Changed engine oil and sent for analysis by AOA - Results - "All values Normal". Opened oil filter and sent to Victor Aviation and found normal. Replaced Left magneto with new TCM P/N 10-79020-18, SN 1129607DR Cleaned and rotated plugs.

I certify that a 100 Hour inspection was performed in accordance with current FAA regulations and approved for return to service.

IA Wendell Hall
247988027

DATE

19

RECORDING
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DATE 1-10-98

TACH 1648.0

SMOH 338.0

PERFORMED 100 HOUR INSPECTION PER ARROW 111 SERVICE
MANUAL INSPECTION REPORT. CHANGED OIL & FILTER WITH
AEROSHELL 100W. PERFORMED COMPRESSION TEST ALL CYL.
74 AND ABOVE. CLEANED AND GAPPED SPARK PLUGS. AD
97-26-17 N/A ENGINE OVERHAULED. I CERTIFY THIS ENGINE
WAS INSPECTED I.A.W. A 100 HOUR INSPECTION AND IS
APPROVED FOR RETURN TO SERVICE.

----- *Wendell Hall* -----

A&P 247988027

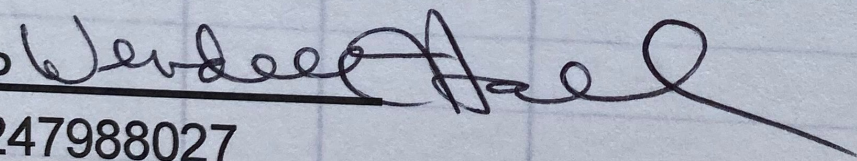
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Date Tach Time SMOH
02-02-1999 1802.0 492.0

Performed 100 hour inspection per Piper Arrow III Service Manual inspection report. Changed engine oil.

Cleaned and rotated plugs. AD 98-19-02 PCW per SB-96-001 (09-02-1996).

I certify that a 100 Hour inspection was performed in accordance with current FAA regulations and approved for return to service.

A&P 
247988027

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 Technician or Repair Facility. (See back pages for other specific entries.)

Date	Tach Time	SMOH
02-22-2000	1934.0	624.0

Performed all inspections and operations per Piper Arrow III Service Manual 100 Hour inspection report. Replaced all engine oil flexible hoses. Replaced Merlin waste gate flexible hoses. I certify that this engine has been inspected in accordance with a 100-hour inspection under current FAA regulations and has been approved for return to service.

IA Wendell Hall
247988027

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date	Tach Time	SMOH
03-01-2001	2042.3	732.3

Performed all inspections and operations per Piper Arrow III Service Manual 100 Hour inspection report. CW AD 00-11-51 (NA-Bendix Mags). CW 00-23-21 (NA-Major overhaul date). I certify that this engine has been inspected in accordance with a 100 hour inspection under current FAA regulations and has been approved for return to service.

IA Wendell Hall
247988027

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entr
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Date Tach Time SMOH
04-05-2002 2190.0 880.0

Performed all inspections and operations per Piper Arrow III Service Manual .100 Hour inspection report. CW AD 00-11-51 (NA-Bendix Mags). CW 00-23-21 (NA-Major overhaul date). I certify that this engine has been inspected in accordance with a 100 hour inspection under current FAA regulations and has been approved for return to service.

IA Wendell Hall
247988027

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Date	Tach Time	SMOH
07-20-2005	2340.04	1030.04

Performed all inspections and operations per Piper Arrow III Service Manual 100 hour inspection report. I certify that this Engine has been inspected in accordance with a 100 Hour inspection under current FAA regulations and has been approved for return to service.

IA Wendell Hall
247988027

DATE

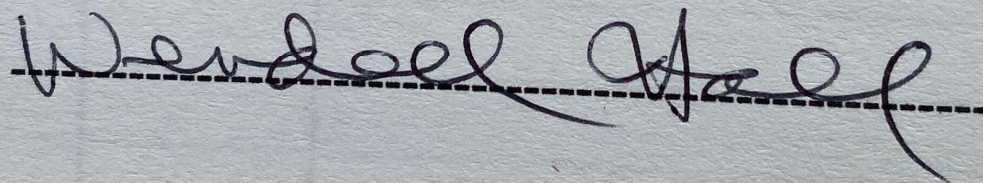
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19 _____

DATE 10-4-06

TACH 2385.8

CHANGE OIL AND FILTER . WITH AEROSHELL W100 . REMOVED SPARK PLUGS CLEANED AND GAPPED . PERFORMED COMPRESSION TEST ALL CYLINDERS 70 AND ABOVE . INSTALLED NEW MAGNETO RTR.SIDE . INSTALLED NEW VACCUM PUMP . CHECKED ALL Ads TO DATE . INSPECTED EXHAUST SYSTEM . INSPECTED ENGINE CONTROLS . I CERTIFY THIS ENGINE WEAS INSPECTED IN ACOORRDANCE WITH A 100 HOUR/ ANNUAL INSPECTION AND FOUND AIRWORTHY AT THIS TIME .



IA 247988027

**RECORDING
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FLIGHT**

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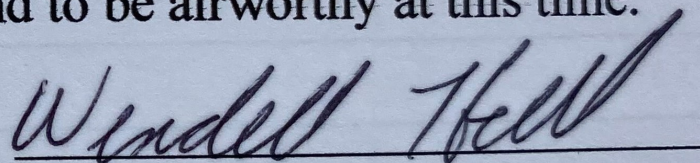
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 9/21/07

Tach: 2423.8

Change oil and filter using w100. Removed spark plugs, cleaned
And gapped. Pulled a compression test, all cylinders were 70 and
Above. Inspected and lubed all engine controls and linkages.

Checked all ads to date. I certify that this engine was inspected i/a/w
A 100 hour/annual inspection and found to be airworthy at this time.



Wendell hall

IA 247988027

TE	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 Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 9-25-08

TACH 2479.1

CHANGED OIL AND FILTER WITH AEROSHELL W100 . REMOVED SPARK PLUGS CLEANED AND GAPPED . PERFORMED COMPRESSION TEST ALL CYLINDERS 68 AND ABOVE . INSPECTED EXHAUST SYSTEM AND AIR FILTER . CHECKED ALL ADs TO DATE . I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR/ ANNUAL INSPECTION AND FOUND AIRWORTHY AT THIS TIME .

Wendee Hall

I.A. 247988027

	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 Technician or Repair Facility. (See back pages for other specific entries.)

Date 10-23-09

Tach 2511.9

Changed oil and filter with aeroshell w100 .Removed all spark
plugs ,cleaned and gapped . Checked all ADs to date . Lubed all
engine controls . I ceretify this engine was inspected in accordance
with a 100 hour / annual inspection and found airworthy at this
time .

Wendell Hoef

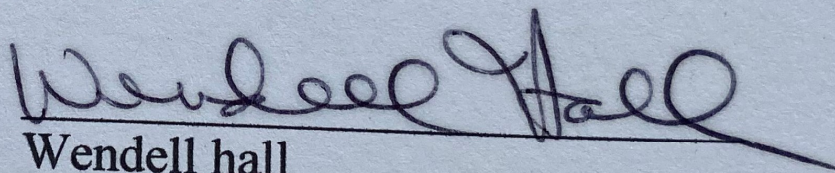
I.A. 247988027

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 Technician or Repair Facility. (See back pages for other specific entries.)

Date: 10/4/10

Tach: 2528.5

Drained and change oil with aeroshell w100. Removed all spark plugs, cleaned and gapped. Performed a compression test and all cylinders were 70 and above. Checked and lubed all engine controls and cables. Checked air filter and replaced oil drain. Checked all ads to date. I certify that this engine was inspected i/a/w a 100 hour/annual inspection and found to be in airworthy condition at this time.



Wendell hall

IA 247988027

	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 Technician or Repair Facility. (See back pages for other specific entries)

Date 11-1-11

Tach 2558.5

SMOH 1248.5

Changed oil and filter with aeroshell w100. Removed all spark plugs, cleaned and gapped. performed compression test #1 75 #2 72 #3 71 #4 78 #5 74 #6 72. Installed test gauges and set up fuel system unmetered and metered fuel pressures in accordance with service bulletin. Checked and lubed engine controls. Checked all ADS to date. I certify this engine was inspected in accordance with a 100 hour/annual inspection and found airworthy at this time.

Wendee Hall

I.A. 247988027

RECORDING
TACH
TIME

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Untitled

January 27 2012

Tach: 2570.46

Removed throttle body and send out for overhual by approved aircraft acc., reinstalled throttle body and set up fuel system according to sb and is approved for return to service.



Scotty hall
AP 2722407

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Altera Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific en
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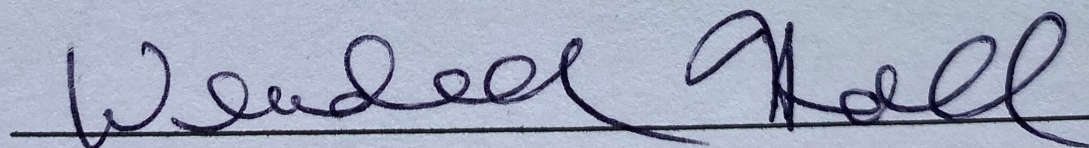
December 19, 2012

Tach: 2577.2

SMOH: 1267.2

Change oil using aeroshell w100 and champion filter. Removed all spark plugs, cleaned and gapped, and performed a compression test. Checked and lubed all engine controls. Ran up and leak checked. Checked all ads to date. I certify that this engine was inspected I/A/W a 100hr/annual inspection and found to be in airworthy condition at this time.

1)76 2)72 3)76 4)74 5)74 6)74



Wendell hall

IA 247988027

RECORDING
TACH
TIME

TODAYS
FLIGHT

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TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alteration
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

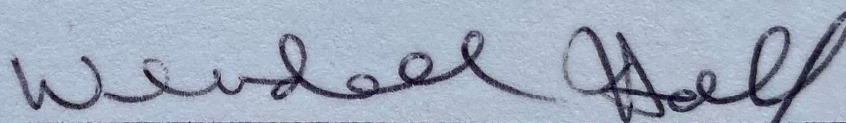
December 30, 2013

Tach: 25⁸7.6

SMOH: 1277.6

Drained and change oil using aeroshell w100 and champion . Removed all spark plugs cleaned and gapped, performed a compression test. Checked and lubed all engine controls. Checked all ads to date. I certify that this engine was inspected I/A/W a 100 hr/annual inspection and found to be in airworthy condition at this time.

1)72 2)70 3)72 4)72 5)72 6)70



Wendell hall

IA 3678314

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 Technician or Repair Facility. (See back pages for other specific entries.)

January 30, 2015

Tach: 2589.8

TT: ^{1279.8}~~1290.2~~

N5790V

Drained and change oil using aeroshell W100 and a champion filter. Removed all spark plugs cleaned and gapped and performed a compression test. Checked and lubed all engine controls. Sent off upper deck pressure controller, y pipe, and right reat exhaust pipe for overhaul. Checked all ads to date. I certify that this engine was inspected I/A/W a piper annual inspection guide and found to be in airworthy condition at this time.

1)72 2)70 3)72 4)72 5)70 6)70

Wendell Hall

Wendell hall
IA 3678314

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 Technician or Repair Facility. (See back pages for other specific entries.)

February 29, 2016

Tach: 2592.8

Drained and change oil using Aeroshell W100 and champion filter. Removed all spark plugs, cleaned and gapped, and performed a compression test. Replaced the upper turbo clamp with new one, all new exhaust gaskets, and a CHT probe. Checked all ads to date. I certify that this engine was inspected I/A/W a 100 hr/annual inspection and is determined to be in airworthy condition at this time.

1)70 2)70 3)68 4)74 5)68 6)72

Wendell Hall

IA 3678314

RECORDING
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Hall Aviation

Date: 2/14/17 **N#** N5790V **Tach:** 2599.1

Drained and change oil using Aeroshell W100 and a Champion filter. Removed all plugs, cleaned and gapped, and performed a compression test. Checked all turbo clamps and exhaust clamps.

Checked all ads to date. I certify that this aircraft has been inspected for annual I/A/W 14CFR Part 43 Appendix D and found to be in airworthy condition.

1)74 2)76 3)72 4)76 5)72 6)76

Wendell Hall Wendell Hall IA 3678314

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 Technician or Repair Facility. (See back pages for other specific entries)
19 _____				

Date: 2/16/18

Hall Aviation

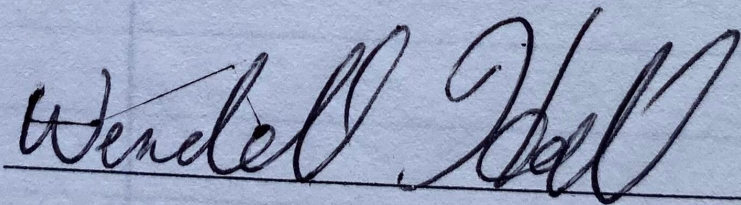
N# N5790V

Tach: 2605.0

Drained and changed oil using Aeroshell W100 and a Champion filter. Removed all spark plugs cleaned and gapped and performed a compression test. Inspected exhaust and turbo pipes and clamps. Ran up and leaked checked. Checked all ads to date. I certify that this aircraft has been inspected I/A/W a annual inspection and found to be in airworthy condition.

1)72 2)70 3)76 4)76 5)72 6)76

Wendell Hall



IA 3678314

RECORDING
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Hall Aviation

Date: 2/7/19

N# N5790V

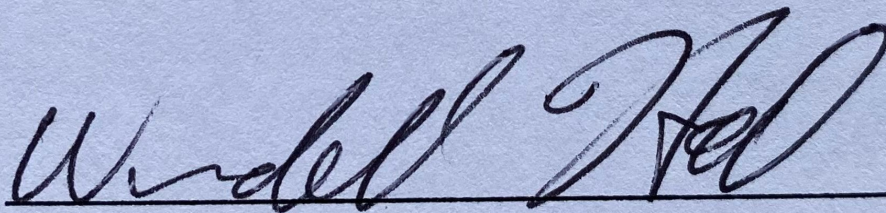
Tach: 2610.7

Drained and changed oil using Aeroshell W100 and a Champion filter.

Removed all spark plugs cleaned and gapped and performed a
compression test. Inspected exhaust system, turbo, pipes and clamps.
Cleaned engine bay ran up and leaked checked. Checked all ads to date. I
certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual
inspection and found to be in a condition for safe flight.

1)68 2)74 3)76 4)74 5)72 6)72

Wendell Hall



IA 3678314

RECORDING TACH TIME

TODAYS FLIGHT

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Hall Aviation 6

Date: 3-27-20 **N#** N5790V **Tach:** 2717.5 **SMOH:** 1307.5

Drained and changed oil using Aeroshell W100 and a Champion filter.

Removed all spark plugs cleaned and gapped and performed a compression test. Checked and lubed all engine control. Removed engine driven fuel pump and sent to Triad for overhaul. Checked and complied with all ad's to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a condition for safe flight.

1)70 2)78 3)74 4)74 5)74 6)74

Wendell Hall

Wendell Hall

IA 3678314

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 Technician or Repair Facility. (See back pages for other specific entries.)
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wo: Vertex 20182

Engine - page 1 of 1 En



Vertex Aviation Services, LLC · 15426 Airport Dr, Unit C · Burlington, WA 98233 · (360) 757-4876

N5790V
TACH: 2649.0

Teledyne Continental, TSIO-360-FB, S/N: 310911
TTE: 2818.0

November 25, 2020

SMOH: 1339.0

Oil and filter changed, oil sampled for analysis. Engine serviced with 7 quarts of Phillips 20W50 X/C oil. Engine run up performed. Returned to service.

Christina Pinasco A&P 3880177



Powerplant
Registration#
N5790V

Date: 12-08-2020

Engine Model:
TSIO-360 series

Tach: 2656.79

Installed new alternator base gasket Continental pn 649984 & Continental PN 640834 oil filter adapter gasket. Installed new intake port gaskets for all six cylinders PN SA629925. Performed ground run. Runup ok regarding work performed. Post runup oil leak check: no leaks regarding work performed.

Note: tachometer drive cable base adapter appears to have an oil seep, and may require future repair of oil leak.

Paul Lloyd - AP2833813

DATE

TACH
TIME

FLIGHT

TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

19 _____

wo: vertex 21037

Engine - page 1 of 1



Vertex Aviation Services, LLC · 15426 Airport Dr, Unit C · Burlington, WA 98233 · (360) 757-4876

N5790V
TACH: 2702.69Teledyne Continental, TSIO-360-FB, S/N: 310911
TTE: 2871.69 SMOH: 1392.69

April 28, 2021

Performed **Annual Inspection** in accordance with manf. checklist and FAR 43 appx D. Compression test results: #1: 68/80 PSI, #2: 70/80 PSI, #3: 72/80 PSI, #4: 75/80 PSI, #5: 68/80 PSI, #6: 62/80 PSI. All spark plugs replaced with new Tempest URHM38E. Magneto to engine timing checked. Oil and filter changed, oil sampled for analysis. Engine serviced with 7 quarts of Phillips 20W50 X/C oil. Performed **AD Compliance Check**. Replaced all exhaust gaskets with new. Removed cylinder #5, replaced 1 exhaust stud, reinstalled cylinder with new seals, gaskets and locking hardware. Replaced oil drain with new p/n: BJ-107. Replaced oil filler cap gasket with new p/n: 642892. All fuel injector nozzles removed, cleaned, and reinstalled with new seals, gaskets and o-rings. Replaced ignition harness kit with new, p/n: KA12015. Removed and reinstalled magnetos after **500 hour inspection** performed by Aircraft Magneto Service, p/n:S6LN-25P, s/n: 1129607DR, WO#28240, p/n:S6LN-25P, s/n: 6112796, WO# 28241; magnetos were reinstalled using new cushions, nuts, lock washers and new pressure hoses. Engine run-up performed. Return to service. **I certify this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.**

Lin Holdeman II A&P / IA 2927433

2-14-22 TACH 2809.1 TIS 2978.1 SMOH 1499.1 changed oil + filter
removed filter checked 7qts 20-50 X/C and Mag. Conquest, repaired
x leaks @ #6 riser by replacing missing flange nut + @ turbo

DATE 9	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 Technician or Repair Facility. (See back pages for other specific entries.)
				<p>inlet "Y" by installing a plug in an open + unused TIT boss probe mount, replaced missing hardware in baffling as noted, spark plugs cleaned, gapped + rotated, mag timing checked, governor screen checked, Comp #1 70/80 #2 70/80 #3 67/80 #4 71/80 #5 62/80 #6 62/80 I certify this eng/prop has been inspected IAW an annual insp per FAR 43 app. C and found airworthy this date. E/B 14336535</p>

wo: Vertex 22124

Engine - page 1 of 1



Vertex Aviation Services, LLC · 15426 Airport Dr, Unit C · Burlington, WA 98233 · (360) 757-4876

N5790V

Continental Aerospace Tech (TCM), TSIO-360-FB, S/N: 310911

July 14, 2022

Tach: 2880.62

TTE: 3049.62

SMOH: 1570.62

Changed and sampled oil. Changed and inspected oil filter, p/n AA48108-2. Serviced engine with 7qt Phillips 20W-50 XC. Ran up and leak checked.

I approve this engine for return to service for work performed.

Martin Moore A&P 4168321

Martin Moore

wo: Vertex 230033



Engine · page 1 of 1

Vertex Aviation Services, LLC · 15242 Flightline Rd. Unit B · Burlington, WA 98233 · (360) 757-4876

N5790V

Continental Aerospace Tech (TCM), TSIO-360-FB, S/N: 310911

March 15, 2023

Tach: 2937.94

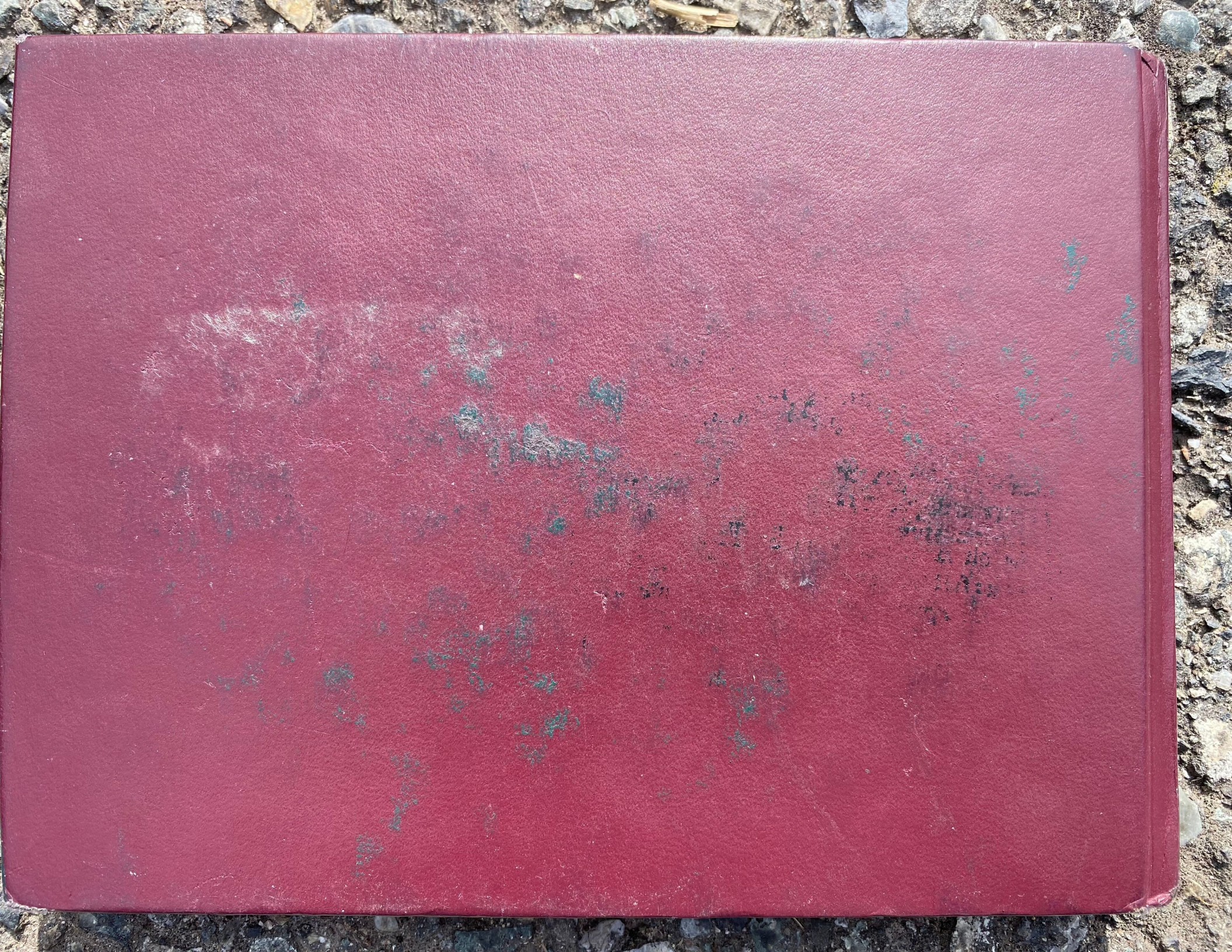
TTE: 3103.94

SMOH: 1624.94

Performed **Annual Inspection** in accordance with manf. checklist and FAR 43 Appx D. Compression test results: #1: 72/80 PSI, #2: 68/80 PSI, #3: 72/80 PSI, #4: 71/80, #5: 66/80, #6: 56/80 PSI (Exhaust). Spark plugs cleaned, gapped, resistance checked, and rotated. Magneto to engine timing checked and LH mag adjusted to 20° BTC. Oil and filter changed, oil sampled for analysis. Engine serviced with 7 quarts of Phillips 20W-50 Mineral oil. Performed **AD compliance check AD 2023-05-16 N/A S/N**. Replaced #6 cylinder and rockers with J&J Air Parts overhauled, Cylinder P/N: 654970, WO: JJI 81358, Rockers P/N: 639648IAW Continental overhaul manual with new seal and gaskets. Rigged fuel injection system per Continental M-0. Cleaned and reinstalled rocker cover gaskets on #1, #3, and #5. Performed engine ground break in and leak check. Returned to service. ***I certify this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.***

Lin Holdeman II A&P / IA 2927433

Brandon Holdeman A&P 4413101



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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

wo: vertex 2103/

Engine - page 1 of 1



Vertex Aviation Services, LLC · 15426 Airport Dr, Unit C · Burlington, WA 98233 · (360) 757-4876

N5790V
TACH: 2702.69

Teledyne Continental, TSIO-360-FB, S/N: 310911
TTE: 2871.69 SMOH: 1392.69

April 28, 2021

Performed **Annual Inspection** in accordance with manf. checklist and FAR 43 appx D. Compression test results: #1: 68/80 PSI, #2: 70/80 PSI, #3: 72/80 PSI, #4: 75/80 PSI, #5: 68/80 PSI, #6: 62/80 PSI. All spark plugs replaced with new Tempest URHM38E. Magneto to engine timing checked. Oil and filter changed, oil sampled for analysis. Engine serviced with 7 quarts of Phillips 20W50 X/C oil. Performed **AD Compliance Check**. Replaced all exhaust gaskets with new. Removed cylinder #5, replaced 1 exhaust stud, reinstalled cylinder with new seals, gaskets and locking hardware. Replaced oil drain with new p/n: BJ-107. Replaced oil filler cap gasket with new p/n: 642892. All fuel injector nozzles removed, cleaned, and reinstalled with new seals, gaskets and o-rings. Replaced ignition harness kit with new, p/n: KA12015. Removed and reinstalled magnetos after **500 hour inspection** performed by Aircraft Magneto Service, p/n:S6LN-25P, s/n: 1129607DR, WO#28240, p/n:S6LN-25P, s/n: 6112796, WO# 28241; magnetos were reinstalled using new cushions, nuts, lock washers and new pressure hoses. Engine run-up performed. Return to service. *I certify this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.*

Lin Holdeman II A&P / IA 2927433

2-14-22	TACH 2809.1	tis 2978.1	SMOH 1499.1	changed oil + filter removed filter checked 7qts 20-50 x/c and Mag. Vanguard, repaired ex leaks @ #6 riser by replacing missing flange nut + @ turbo
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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 Technician or Repair Facility. (See back pages for other specific entries.)
				inlet "Y" by installing a plug in an open + unused TIT boss probe mount, replaced missing hardware in baffling as noted, spark plugs cleaned, gapped + rotated, mag timing checked, governor screen checked Comp #1 70/80 #2 70/80 #3 62/80 #4 71/80 #5 62/80 #6 62/80 I certify this eng/prop has been inspected IAW an annual insp per FAR 43 app. C and found airworthy this date. E/B 14336535

wo: Vertex 22124

Engine - page 1 of 1



Vertex Aviation Services, LLC - 15426 Airport Dr, Unit C - Burlington, WA 98233 - (360) 757-4876

N5790V

Continental Aerospace Tech (TCM), TSIO-360-FB, S/N: 310911

July 14, 2022

Tach: 2880.62

TTE: 3049.62

SMOH: 1570.62

Changed and sampled oil. Changed and inspected oil filter, p/n AA48108-2. Serviced engine with 7qt Phillips 20W-50 XC. Ran up and leak checked.

I approve this engine for return to service for work performed.

Martin Moore A&P 4168321



Vertex Aviation Services, LLC · 15242 Flightline Rd. Unit B · Burlington, WA 98233 · (360) 757-4876

N5790V**Continental Aerospace Tech (TCM), TSIO-360-FB, S/N: 310911****March 15, 2023**

Tach: 2937.94

TTE: 3103.94

SMOH: 1624.94

Performed **Annual Inspection** in accordance with manf. checklist and FAR 43 Appx D. Compression test results: #1: 72/80 PSI, #2: 68/80 PSI, #3: 72/80 PSI, #4: 71/80, #5: 66/80, #6: 56/80 PSI (Exhaust). Spark plugs cleaned, gapped, resistance checked, and rotated. Magneto to engine timing checked and LH mag adjusted to 20°BTC. Oil and filter changed, oil sampled for analysis. Engine serviced with 7 quarts of Phillips 20W-50 Mineral oil. Performed **AD compliance check AD 2023-05-16 N/A S/N**. Replaced #6 cylinder and rockers with J&J Air Parts overhauled, Cylinder P/N: 654970, WO: JJI 81358, Rockers P/N: 639648IAW Continental overhaul manual with new seal and gaskets. Rigged fuel injection system per Continental M-0. Cleaned and reinstalled rocker cover gaskets on #1, #3, and #5. Performed engine ground break in and leak check. Returned to service. ***I certify this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.***

Lin Holdeman II A&P / IA 2927433

Brandon Holdeman A&P 4413101



Air America Aviation Services
28331 Lemoyne Rd
Millbury OH 43447
800-942-4723 (419) 837-2602

Make: PIPER
Model: PA-28R-201T
Tail: N5790V
S/N: 28R-7703153

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ries.)

Hours: Tach: 2961.7

Drained oil. Removed old oil filter. Cleaned oil screen. Installed new AA48108-2 oil filter and safety. Service engine with 8 qrts of Phillips 20W50 X/C oil. Remove, clean gap, tested, rotated and reinstalled all 12 spark plugs. Oil leak from #3 push rod tubes. replace all O-rings and gaskets on #3 cyl perRun up leak check and operational check completed and was determined to be in airworthy condition and returned to service on this date and total time.-----
END-----

Signed:

Name: James Miller

Cert: A & P 3558606 IA

Date: 12/01/2023



Air America Aviation Services
28331 Lemoyne Rd
Millbury OH 43447
800-942-4723 (419) 837-2602

Make: PIPER
Model: PA-28R-201T
Tail: N5790V
S/N: 28R-7703153

Hours: Tach: 2975.04

Oil leak on right side of engine. On cylinders #3 and #5. Removed rocker covers, Straightened, removed rocker shafts, rockers push rod tubes and tapets. Cleaned all parts. Reinstalled using new gasket and hardware. Installed Installed E-Z Heat pad to the oil pan of the engine block. In regards to the work described here in. Operational check completed and was determined to be in airworthy condition and returned to service on this date and total time.-----
END-----

Signed:

Name: James Miller

Cert: A & P 3558606 IA

Date: 12/27/2023

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Air America Aviation Services
28331 Lemoyne Rd
Millbury OH 43447
800-942-4723 (419) 837-2602

Make: PIPER
Model: PA-28R-201T
Tail: N5790V
S/N: 28R-7703153

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ies.)

Hours: Tach: 2986.01

Drained oil. Removed old oil filter. Cleaned oil screen. Installed new AA48108-2 oil filter and safety. Service engine with 7 qts of Phillips 20W50 X/C oil. Remove, clean, gap, tested, rotated and reinstalled all 12 spark plugs. Run up leak check and operational check completed. In regards to the work described with in. This aircraft was determined to be in airworthy condition and returned to service on this date and total time.-----END-----

Signed: _____

Name: James Miller

Cert: A & P 3558606 IA

Date: 02/06/2024

Date: 04/08/2024 Hours: Tach 3032.83 ETT: 3201.83 ETTS MOH: 1722.83

Tail#: N5790V

Make: PIPER

Model: PA-28R-201T

S/N: 28R-7703153

Inspected engine in accordance with FAR 43 appendix D scope and detail, along with Piper PA-28R-201T 100 hr / annual inspection sheet and Lycoming service manual. Lube all push pulls and engine controls. Compression check as follows. #1: 70/80, #2: 72/80, #3: 72/80, #4: 68/80 #5: 64/80 #6 72/80. Drained oil. Removed, Replaced oil filter with new PN AA48108-2. Serviced Engine with 12 pts of Philips XC 20w-50. Removed, Replaced spark plugs with 12 new Champion URHM38E. #1 exhaust bank threads worn beyond limits. Drilled, heli coiled, tapped new threads. Tested to proper torque specs. Completed AD check and compliance thru 24-04. All AD's are complied with at this time. I certify that this engine has been inspected in accordance with an 100 hr / annual inspection and was determined to be in airworthy condition and returned to service on this date and total time.-----END-----



James Miller
Air America Aviation Services

Cert: A & P 3558606 IA
Sign: [Signature]

Date: 05/20/2024 Hours: Tach: 3032.8

Tail#: N5790V

Make: PIPER

Model: PA-28R-201T

S/N: 28R-7703153

Drained oil. Removed old oil filter. Cleaned oil screen. Installed new AA48108-2 oil filter and safety. Service engine with 7 qrts of Phillips 20W50 X/C oil. Remove, clean, gap, tested, rotated and reinstalled all 12 spark plugs. Run up leak check and operational check completed. In regards to the work described with in. This aircraft was determined to be in airworthy condition and returned to service on this date and total time.-----END-----



James Miller

Air America Aviation Services

Cert: A & P 3558606 IA

Sign:

of Inspections, Tests, Repairs and Alterations

Endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)

Date: 03/19/2025 Hours: Tach: 3136.6 Hobbs: 112.6

Tail#: N5790V

Make: PIPER

Model: PA-28R-201T

S/N: 28R-7703153

Drained oil. Removed, installed and safety new oil filter AA48108-2. Serviced engine with 8 quarts of Phillips XC 20w-50. Removed, cleaned, gapped, tested, rotated, and reinstalled spark plugs. Compression check preformed #1 71/80 #2 68/80 #3 65/80 #4 68/80 #5 70/80 #6 60/80. - Adjusted fuel pressure to proper specifications. - #2 Exhaust stud missing, removed exhaust, installed new exhaust stub after Heli-coiled exhaust flange. Reinstalled exhaust and torqued to proper specifications. - Lower Cowling Chafe seal worn beyond limits. Replaced with new chafe tape. Run up, leak check and operational check completed. I certify that this Engine has been determined to be in airworthy condition and returned to service on this date and total time. -----END-----



James R. Miller

Air America Aviation Services

Cert: A & P 3558606 IA

Sign: