



ENGINE MAINTENANCE RECORDS

Aircraft Registration N54466

Engine Position LEFT

Engine Serial No. 145251-B



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 54466

Engine Manufacturer TCM

Model T510-570-NB

Serial No. 145251-B

Date installed on aircraft 8-22-2011

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

Right Left

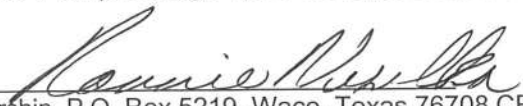
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
6-1-11	6666.2	0	



TCM TSIO-520-NB Series VI Left Engine S/N 145251-B

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30574A. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. K dated 2-08-2010. Above referenced engine modified to TSIO-520-NB 335 HP per STC SE4327SW-D Rev.4. Installed new RAM camshaft P/N 1058-1A, S/N XL10011 per STC SE4327SW-D. Installed lifters p/n 658088 int. p/n 658077 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 C/W per installation of overhauled VAR crankshaft P/N 649898 S/N A139805N per TCM CSB96-8. C/W ultrasonic inspection per MSB96-10A, due at next overhaul or when crankshaft removed. AD 99-19-01 P/C/W on 5/26/99. See TCM compliance tag. C/W TCM MSB99-3C per para C(1)(2). AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled TCM heavy style crankcase P/N 654128-1, S/N H169708R. Installed new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Installed new oil cooler P/N 8000440, S/N 4082125. C/W AD 89-24-01 R1 per installation of starter adapter P/N 642085A4 with current scavenge pump gears. Installed .030 inch undersize starter adapter spring P/N S539800M30 per STC SE09846SC. Installed new RAM/FAA/PMA fuel nozzles P/N 2562-14D. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Installed modified connecting rods P/N 1162 per STC SE4327SW-D as FAA/PMA approved replacement. Engine accessories exchanged for overhauled or new units with exception of the prop governor, vacuum pump, hydraulic pump and tach generator which were not installed per this work order. New Slick pressurized magnetos P/N 6320 installed per STC SE4651SW-D and pressurized. Service Bulletin SB3-08A N/A to magneto serial numbers installed. MSB94-8D on magneto timing procedure C/W per timing to STC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-NB per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM/FAA/PMA rocker arms P/N 1842-3 and 1842-4. AD 98-01-08 N/A per installation of RAM/FAA/PMA rocker arms. Installed RAM/FAA/PMA oil cooler baffle P/N 1253-1. Installed RAM/FAA/PMA rocker arm covers p/n 2766-1. Installed RAM/FAA/PMA rocker box cover gaskets P/N 1387-1. C/W AD 78-06-01 per installation of intake tube P/N 642590. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Above referenced engine was made eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A, Note 2. Aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-2. Engine ground run on test stand per RAM specifications for 4 hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under Project No 5649.


 RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

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				<p><u>Exec Air Montana Inc.</u> 2430 Airport Rd. Helena, MT (406)442-2190</p> <p>08/22/11 AFM:9466.4 SMOH:00.00 TTE:6666.2</p> <p>Installed this engine Model:TSIO-520-NB SN:516100 and applicable accessories in N5446G a Cessna 340A serial no:340A0685 in the left hand position. Engine was installed and rigged in accordance with the Cessna maintenance manual using all new Lord engine mounts part no J-9613-58. Installed all new teflon hoses with integral firesleeve. Serviced engine with 14 quarts of Phillips Type M</p> <p>The following items not included with the engine were installed:</p> <ul style="list-style-type: none"> 1ea.HWS340414-1 Tail pipe(new) 1ea.8226-11 Turbo Wye(overhauled) 1ea.K9910299-15 Elbow(new) 1ea.K9910299-16 Elbow(new) 1ea.K9910299-6 Wastegate Tailpipe(new) 1ea.470908-9D12 Wastegate assembly(overhauled) 2ea.1001-3 Slip Joint(new) 1ea.470836-9018 Controller(overhauled) 1ea.K9910299-10 Elbow Bypass(new) <p>Complied with AD# 2000-01-16 Part (b), (c), (d), (e) (f) & (g) by installing all new or overhauled exhaust components and clamps and visual inspection and pressure tests in accordance with AD note. Checked good. Part (b) due next @ 9516.4 hrs or 30days.</p> <p>Engine was ground run, leak checked and is approved for return to service.</p> <p>I certify that this engine was inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Signature <u>[Signature]</u> Date <u>8/22/11</u> Exec Air Montana Inc. Helena, MT CRS #EFUR-514D WO# 11-12937</p>
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				<p><u>Exec Air Montana Inc.</u> 2430 Airport RD Helena, MT (406)442-2190 09/29/11 FHM: 9490.9</p> <p>Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection part(b) by visual inspection in accordance with AD note.</p> <p>APPROVED FOR RETURN TO SERVICE By <u>[Signature]</u>, INSPECTOR CRS# EFUR-514D WO# 11-12981</p>
				<p><u>Exec Air Montana Inc.</u> 2430 Airport RD Helena, MT (406)442-2190 12/20/11 FHM: 9536.4</p> <p>Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection part(b) by visual inspection in accordance with AD note.</p> <p>APPROVED FOR RETURN TO SERVICE By <u>[Signature]</u>, INSPECTOR CRS# EFUR-514D WO# 11-13041</p>
				<p><u>Exec Air Montana Inc.</u> 2430 Airport RD Helena, MT (406)442-2190 03/27/12 FHM:9593.3</p> <p>Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked god. Complied with AD#2000-01-16 Exhaust system inspection part(b) by visual inspection in accordance with AD note. Checked good.</p> <p>APPROVED FOR RETURN TO SERVICE By <u>[Signature]</u>, INSPECTOR CRS# EFUR-514D WO# 12-13115</p>
				<p>SUB-TOTALS this page</p>
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				TOTALS brought forward from previous page
				<p><u>EXEC AIR MONTANA INC.</u> 2430 Airport Rd. Helena, MT (406)442-2190 05/16/12 AFM:9599.2</p> <p>Replaced starter with a warranty unit supplied by RAM Aircraft Starter PN:MHJ4003</p> <p>APPROVED FOR RETURN TO SERVICE By <i>[Signature]</i>, INSPECTOR CRS# EFUR-514D WO# 12-13141</p>
				<p><u>Exec Air Montana Inc.</u> 2430 Airport RD Helena, MT (406)442-2190 06/29/12 FHM:9643.1</p> <p>Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked god. Complied with AD#2000-01-16 Exhaust system inspection part(b) by visual inspection in accordance with AD note. Checked good. Replaced Tach Generator cannon plug with new plug PN:MS3106A10SL35</p> <p>APPROVED FOR RETURN TO SERVICE By <i>[Signature]</i>, INSPECTOR CRS# EFUR-514D WO# 12-13184</p>
				<p><u>Exec Air Montana Inc.</u> 2430 Airport Rd. Helena, MT (406)442-2190 07/13/12 A FM:9643.1 SMOH:0176.7</p> <p>Changed oil and filter. Added 12 quarts Phillips 20w50 oil. Cleaned gapped and tested spark plugs. Checked mag to engine timing. Checked compression. Results as follows: 1)78/80 2)79/80 3)76/80 4)79/80 5)79/80 6)78/80 Cleaned fuel inlet screen and resealed fuel injector nozzles. Inspected and lubed all engine controls. Washed engine and cowl, ground ran and leak checked. Complied with AD# 2000-01-16 Part (b), (d) and (e) by visual inspection and pressure tests in accordance with AD note. Checked good. Part (b) due next @ 9693.1 hrs or 30days.</p> <p>I certify that this engine was inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Signature <i>[Signature]</i> Date <i>7/13/12</i> Exec Air Montana Inc. Helena, MT CRS #EFUR-514D WO# 12-13189</p>
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
				Exec Air Montana Inc. 2430 Airport RD Helena, MT (406)442-2190 10/03/12 FHM:9689.7
				Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked god. Complied with AD#2000-01-16 Exhaust system inspection part(b) by visual inspection in accordance with AD note. Checked good.
				APPROVED FOR RETURN TO SERVICE By <u>[Signature]</u> , INSPECTOR CRS# EFUR-514D WO# 12-13261

02/27/2013 N5446G C-340A S/N 3400685 Hobbs 9719.4 SMOH 253.0

This engine was inspected with an 100 hour/Annual inspection per FAR's and applicable manuals. AD's researched thru T-Data 2013-02. Complied with AD 00-01-16 (b) no defects found, due each 50 hours. Changed engine oil and filter, cut open old filter no excess metal or contamination found. Serviced with Phillips 20W-50 X/C. Performed compression check all better than 70/80. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Inspected engine controls, exhaust, intake, fuel, accessories, cowling and overall engine conditions. Ran aircraft operational and leak checks normal. I certify that this engine has been inspected in accordance with a 100 Hour/Annual inspection and was determined to be in a airworthy condition at this time.

Scott E. Bruder AIP 32459631A

EDWARDS



1691 Aviation Place Billings, MT 59105
Certificated Repair Station HSRR811E


Date: 10/01/2013; Aircraft: N5446G; Type: CESSNA 340; S/N: 340A0685; Hobbs: 9746.00; Total Time: 9746.00
Engine 1: TCM TSIO-520-NB, S/N: 145251-B, TSN: 6945.8, TSO: 279.6

LH ENGINE LOG

Complied with AD2000-01-16 Paragraph (b) by visually inspecting the exhaust system. No defects noted.
Complied with AD2000-01-16 Paragraph (e) - by pressure testing and visually inspecting the exhaust system. No defects noted.
Pertinent details of work accomplished on this aircraft are on file at this agency under Work Order 17084.
The maintenance identified above has been inspected and the aircraft is approved for Return To Service.

For Edwards Jet Center:
Signed: [Signature]

TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
<i>AIC MAINTENANCE, INC.</i>				
N5446G LH ENGINE HOBBS: 9787.7 DATE: 1/10/2014				
INSTALLED REIFF PREHEAT SYSTEM ON LH MOTOR I/A/W REIFF INTALLATION INSTRUCTIONS DRAINED OIL, REMOVED, CUT AND INSPECTED OIL FILTER. NO DISCREPANCIES NOTED AT THIS TIME. SERVICED WITH 11 QTS 20W50 C/W 2000-01-16 PARA(b) BY VISUAL INSPECTION OF LH EXHAUST SYSTEM I/A/W AD. NOT DISCREPANCIES NOTED AT THIS TIME. CLEANED LH ENGINE BREATHER SEPARATES AS NEEDED INSTALLED VENT HOLES ON LH BREATHER OVER BOARD FITTINGS AS NEEDED TO PREVENT BREATHER ICE TROUBLE SHOT LH MP SYSTEM. RUN-UP AND ADJUST WASTEGATE AS NEEDED WASHED ENGINES AS NEEDED				
 TRENT TEETS A&P2886740				
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				TOTALS —Carry forward to next page

DA1



JET CENTER INC

3801 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone 701-235-3600

DRK

Date: 28 MARCH 2014 **LEFT ENGINE LOGBOOK INSERT** N NUMBER: N5446G

MAKE: CONTINENTAL MODEL: TS10-520- HOBBS: 9821.9

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time.
- 2) Oil sample collected and sent for analysis.

--END--

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 018039. Date: 28 MARCH 2014.

Signature of authorized Person Mike DeVries Mike DeVries
For FAA CERTIFIED REPAIR STATION NO. CTURO16D

5/13/2014 N5446G Cessna 340A (SN: 340A0685) Engine 1 Logbook

Hobbs Hours: 9851.4

Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 12 quarts of Phillips 20-50 XC Oil and CH48108-1 oil filter. Performed engine run up and checked for leaks.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed Dustin D. Fetzer
Dustin D. Fetzer A&P 3553176



JET CENTER INC

3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone 701-235-3600 Fax: 701-280-0300

Date: 08 AUGUST 2014 **LEFT ENGINE LOGBOOK INSERT** N NUMBER: N5446G

MAKE: CONTINENTAL MODEL: TS10-520- S/N: 145251-B HOBBS: 9894.9

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time.
- 2) Oil sample collected and sent for analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of I/H exhaust IAW AD no defects noted.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 018628. Date: 08 AUGUST 2014.

Signature of authorized Person Mike DeVries Mike DeVries
For FAA CERTIFIED REPAIR STATION NO. CTURO16D

AIC MAINTENANCE, INC.

N5446G LH ENGINE HOBBS: 9940.1 DATE: 12/16/2014

COMPRESSIONS OVER 80 PSI AS FOLLOWS: #1 = 75; #2 = 70; #3 = 75;
#4 = 72; #5 = 73; #6 = 76.

R&R SPARK PLUGS W/ NEW RHB32E

C/W AD 84-26-02 BY REPLACEMENT OF AIR FILTER PN P128156, NEXT DUE

TACH 10440.1

WASHED ENGINES AS NEEDED

I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W A 100 HOUR TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

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TRENT TEETS A&P2886740

TOTALS—Carry forward to next page

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FARGO
JET CENTER INC 3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone: 701-235-3600 Fax: 701-280-0300

LEFT ENGINE LOGBOOK INSERT

Date: 21 OCTOBER 2014 N NUMBER: N5446G
 MAKE: CONTINENTAL MODEL: TSIO-520- S/N: 145251-B HOBBS: 9922.7

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time.
- 2) Oil sample collected and sent for analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of L/H exhaust IAW AD no defects noted.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 018933 Date: 21 OCTOBER 2014

Signature of authorized Person Mike DeVries Mike DeVries
 For FAA CERTIFIED REPAIR STATION NO. CTURO16D

FARGO
JET CENTER INC 3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone: 701-235-3600 Fax: 701-280-0300

LEFT ENGINE LOGBOOK INSERT

Date: 31 MARCH 2015 N NUMBER: N5446G
 MAKE: CONTINENTAL MODEL: TSIO-520-NB S/N: 145251-B HOBBS: 9967.4

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time. Leak check ok.
- 2) Oil sample collected and sent for analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of L/H exhaust IAW AD no defects noted.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 019499 Date: 31 MARCH 2015

Signature of authorized Person Mike DeVries Mike DeVries
 For FAA CERTIFIED REPAIR STATION NO. CTURO16D

FARGO
JET CENTER INC 3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone: 701-235-3600 Fax: 701-280-0300

LEFT ENGINE LOGBOOK INSERT

Date: 19 JUNE 2015 N NUMBER: N5446G
 MAKE: CONTINENTAL MODEL: TSIO-520-NB S/N: 145251-B HOBBS: 9998.0

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time. Leak check ok.
- 2) Oil sample collected and sent for SOAP analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of L/H exhaust IAW AD no defects noted. Next due @ Hobbs: 10,048.0 or 19 JULY 2015 whichever occurs later.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 012803 Date: 19 JUNE 2015

Signature of authorized Person Mike DeVries Mike DeVries
 For FAA CERTIFIED REPAIR STATION NO. CTURO16D

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FARGO
JET CENTER INC 3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone: 701-235-3600 Fax: 701-280-0300

LEFT ENGINE LOGBOOK INSERT

Date: 12 AUGUST 2015 N NUMBER: N5446G
 MAKE: CONTINENTAL MODEL: TSIO-520-NB S/N: 145251-B HOBBS: 23.9

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time. Leak check ok.
- 2) Oil sample collected and sent for SOAP analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of L/H exhaust IAW AD no defects noted. Next due @ Hobbs: 73.9 or 12 AUGUST 2015 whichever occurs later.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 020046 Date: 12 AUGUST 2015.

Signature of authorized Person Mike DeVries Mike DeVries
 For FAA CERTIFIED REPAIR STATION NO. CTURO16D

FARGO
JET CENTER INC 3802 20th St. North, Fargo, North Dakota 58102 U.S.A. Phone: 701-235-3600 Fax: 701-280-0300

LEFT ENGINE LOGBOOK INSERT

Date: 30 OCTOBER 2015 N NUMBER: N5446G
 MAKE: CONTINENTAL MODEL: TSIO-520-NB S/N: 145251-B HOBBS: 47.7

Maintenance items addressed at this time

- 1) Changed oil on the LH engine as follows: Drained oil, replaced oil filter with a new CH48108-1, serviced engine with 11 Quarts Phillips X/C 20W50. Inspected old filter for metal contamination, none noted at this time. Leak check ok.
- 2) Oil sample collected and sent for SOAP analysis.

AD Notes and Service Bulletins Complied with at this time:

- 1) C/W AD 2000-01-16 Amendment 39-11514 par (b) visual inspection of L/H exhaust IAW AD no defects noted. Next due @ Hobbs: 97.7 or 30 NOV 2015 whichever occurs later.

~ END ~

MAINTENANCE RELEASE: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under Work Order No. 020349 Date: 30 OCTOBER 2015.

Signature of authorized Person Mike DeVries Mike DeVries
 For FAA CERTIFIED REPAIR STATION NO. CTURO16D

AIC MAINTENANCE, INC.
N5446G LH ENGINE HOBBS: 10051.3 TSOH:584.9 DATE: 2/1/2016

COMPRESSIONS OVER 80 PSI AS FOLLOWS: #1 = 72; #2 = 78; #3 = 75;
 #4 = 76; #5 = 74; #6 = 75.
 R&R #4 AND #5 CHT PROBES W/ NEW P/N 10-185100
 REPLACED #1 ENGINE FUEL LINE W/ NEW 636037-1
 REPLACED CRACKED ENGINE BAFFLE
 C/W 2000-01-16 PARAGRAPH (b), (c), (e) BY INSPECTION. NO
 DISCREPANCIES NOTED.
 WASHED ENGINES AS NEEDED

I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W A 100 HOUR
 TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION.

Trent Teets
 TRENT TEETS A&P2886740

DESCRIPTION OF WORK PERFORMED—
CERTIFICATE NO. OF PERSON PERFORMING WORK

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AIC MAINTENANCE, INC.

N5446G LH ENGINE HOBBS: 10051.3 TSOH:584.9 DATE: 2/1/2016

DRAINED OIL, REMOVED, CUT AND INSPECTED OIL FILTER. NO DISCREPANCIES NOTED. INSTALLED NEW CH48108-1 FILTER AND SERVICED W/ 12 QTS 20W50

I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W A 100 HOUR TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

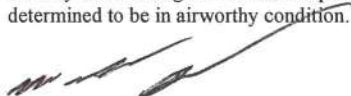

TRENT TEETS A&P2886740

N544G LH Engine SN: 145251-B, Hobbs: 10101.1 TSOH 634.7
Date 10/15/2017

Compressions over 80 PSI as follows #1 = 78; #2 = 78; #3 = 78; #4 = 76; #5 = 76; #6 = 76.

C/W AD 2000-01-16 (b)(c) (e), Engine Exhaust System, no defects noted. Next Inspection due per par (b) at ACTT 10151.1 or 11/14/2017. Per par (c) (e) inspection due 10/15/2018.

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

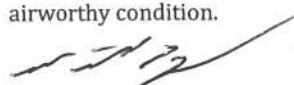

William L. Julian
513845237IA

N5446G LH Engine SN: 145251-B Hobbs: 10133.1 TSOH: 666.7
11/01/2018

Performed Annual Inspection I/A/W Cessna Service Manual checklist.
Compression over 80 PSI as follows #1 = 64 ; #2 = 78; #3 = 78; #4 = 64; #5 = 66; #6 68.
Checked Magneto to engine timing, cleaned, gapped and rotated spark plugs ran engine ops and leak check good.

C/W AD 2000-01-16 (b)(c)(e), Engine Exhaust System, on L/H engine. No Defects noted. Next inspection due per par (b) at ACTT 10183.1 or 11/30/2018. Per par (c) (e) inspection due 11/01/2019.

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



William L. Julian
513845237 IA

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2-6-2019		Hobbs 10157.1		Performed Compression Check 1-66 2-72 3-74 4-76 5-60 6-76 All over 90 Removed Both Magns Sent to Aircraft Accessories For 500hrs Inspection Left Mag. Sp 11030630 Rt Mag. Sp 11030633 Work Orders 31532 - 31531 Reinstalled Magns Bon Leak Checked OK for Service Thomas M Edwards 3683047 DP
2-6-2019		Hobbs 10157.1		Complied with AD 2000-01-16 by inspecting Side beams, Firewall, And bulkheads ok for Service Section D due 500hrs or 10657.1 Complied with Section F, by replacing Segmented band Clamps due 500 hrs or 10657.1

Date: 12/28/2018
Hobbs: 151.2



Horizon Avionics, Inc.
2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

LEFT ENGINE LOG ENTRY

Replaced PN: 642336 oil pressure relief valve plunger and set oil pressure. Ground run and leak check good.

MAINTENANCE RELEASE

The Engine Identified Above Was Repaired & Insp IAW Current Maintenance Rules Of The Federal Aviation Regulations And Is Approved For Return To Service with respect to the work performed. Pertinent Details Of This Repair Are On File Under Work Order No. M4930.

Signed: Chris Boyd Cert. No: AP3753461 Date: 12/28/2018
For Horizon Avionics, Inc.

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3-9-2019				Changed Oil & Filter CH48108 Serviced with 11Qts Aeroshell 100 Run & Leak Checked OK for Service Thomas M Edwards 3683097AD
Hobbs 10174				

DATE	HOBBS	DESCRIPTION OF WORK	SIGNATURE
22 Mar 19	177.0	Installed (1) overhauled governor m/n A210710 s/n 1816923T on left engine of Aircraft N5446G Cessna 340A. H & H PROPELLER SERVICE, INC. 3439 S. AVIATION DR. BURLINGTON, NC 27215 FAA REPAIR STATION PS4R451M 1-800-334-6437	

5-25-2019		Changed Oil Serviced with 11Qts Aeroshell 100W AND CH48108 Filter performed Compression Check 1- ⁷⁴ / ₈₀ 2- ⁷⁴ / ₈₀ 3- ⁷⁴ / ₈₀ 4- ⁷⁰ / ₈₀ 5- ⁷⁴ / ₈₀ 6- ⁷⁴ / ₈₀ Run & Leak Check OK For Service Thomas M Edwards 3683097AD	
Hobbs 10211			
8-24-2019		Removed Cowl performed Compression Check 1- ⁶⁴ / ₈₀ 2- ⁶⁴ / ₈₀ 3- ⁷⁴ / ₈₀ 4- ⁷⁴ / ₈₀ 5- ⁷⁴ / ₈₀ 6- ⁷⁴ / ₈₀ Cleaned and gapped plugs Checked Mag timing Cleaned Oil Screens Lubed Engine Controls Replaced donaldson Air Filters with Brackett BA104 ASSY See 337 Inspected Exhaust per AD 2000-01-16 part BCE I Certify this Engine has been inspected in accordance with Annual inspection And Found to be Airworthy	
Hobbs 217.6			
		SUB-TOTALS this page	Thomas M Edwards 3683097 IA
		TOTALS—Carry forward to next page	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4-3-20	10296		786.0	<p>TOTALS brought forward from previous page</p> <p>Changed Oil Serviced with 11Qts Aeroshell 100W and Ch 48108 Filter performed Compression Check 1-⁷⁰/₈₀ 2-⁷⁶/₈₀ 3-⁷⁹/₈₀ 4-⁷⁸/₈₀ 5-⁷⁴/₈₀ 6-⁷³/₈₀</p> <p>Removed Starter Adapter Installed overhauled Adapter From Aircraft Specialties P/N 642085 A17 S/N 8259766-1</p> <p>Removed Starter Installed overhauled From Aircraft Accessories P/MILT-4003 S/N H-1700922 W/P M768050</p> <p>Ran and leaks Checked OK for Service Thomas M Edwards AP 3683097</p>
5-31-2020	hobbs 322.4			<p>Removed Cowl Changed oil Serviced with 10Qts Aeroshell 100W And Timpest 48108-2 Filter Cleaned and gapped plugs Checked Mag timing Cleaned Oil Screens performed Compression Check 1-⁷⁸/₈₀ 2-⁷⁶/₈₀ 3-⁷⁶/₈₀ 4-⁷⁴/₈₀ 5-⁷⁰/₈₀ 6-⁷⁴/₈₀ CW 2000-1-16 By Section B by inspecting Exhaust I Certify this Engine has been inspected in accordance with 100hr inspection And Found to be in Airworthy Condition</p> <p>Thomas M Edwards 3683097 AP</p>
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-2-2020				TOTALS brought forward from previous page
Hobbs	398.7			Removed Cowl performed Compression
Redefer	1000.00			Check 1- ⁷⁰ / ₅₀ 2- ⁷³ / ₄₀ 3- ⁷⁵ / ₄₀ 4- ⁷⁵ / ₄₀
Smah	932.2			5- ⁷⁰ / ₅₀ 6- ⁷⁰ / ₅₀ Changed Oil Serviced with
				10 Qts Aeroshell 100W and Ch 48108-2 Filter
				Installed New Air Filter with new
				Bazze Filter Removed and Replaced #5
				Cylinder with Bam Nickel Cylinder
				JN 79858-17 Installed New Crankshaft
				Seal PN 50641250 Installed New Cylinder
				Add down nuts, New Exhaust Baskets
				on Rt Side. Reinstalled prop with New
				Hardware I Certify this Engine has
				been inspected in Accordance with Annual
				inspection and determined to be in
				Airworthy Condition
				Thomas M. Howard 3683097 JP
				Removed Cowl performed Compression Check,
2-21-21				1- ⁷⁰ / ₅₀ 2- ⁴⁶ / ₅₀ 3- ⁷⁴ / ₅₀ 4- ⁷¹ / ₅₀ 5- ⁷⁶ / ₅₀ 6- ⁷⁰ / ₅₀ Checked
Hobbs	494			Mag timing Changed O.I Serviced with 11 Qts
				Aeroshell 80W, Cleaned and gapped plugs
				Replaced #3 IGT probe Replaced #4 Cht
				probe I Certify this Engine has been inspected
				in Accordance with 100hr inspection and
				Found to be in Airworthy Condition
				Thomas M. Howard AT 3683097
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6-25-21				Removed oil pump replaced Shear pin P/W 535634 reinstalled oil pump and Tach drive per lyceming Manual Installed new Tach drive generator supplied by Owner
Tach 0623.7				Test run oil pressure good Tach Functions Release for return to Service
				Thomas M Edwards 3683097AP

DATE: 9-18-2021 **AIRFRAME:** N5446G **CESSNA** 340A **SER#** 340A0685 **HOBBS:** 0697.4 **TTIS:** 10697.4

Right Engine MFG: Continental Model: TSIO-520BcNcNB serial #145251-B

Performed an Annual inspection in accordance with Continental Motors section 5-20-03.

Compression test: 1) 68/80 2) 76/80 3) 70/80 4) 73/80 5) 74/80 6) 73/80 . Changed engine air filters. Removed spark plugs, clean, test, gap. Removed right mag, installed

Right Engine Slick: Right Mag Serial # 11030631 Model 6320 ROTR. Run-up engine and found no leaks.

I certify I have inspected this engine in accordance with an Annual inspection per FAR 43 appendix D and Continental service manual and found it airworthy at this time.

Mitch Edwards Thomas M Edwards 36983097 IA

OPT

606-499-3114

Left Engine

Middlesboro/Bell Airport 1A6

Middlesboro, KY 40965

DATE: 10/7/2021 **AIRFRAME:** N5446G **CESSNA** 340A **SER#** 340A0685 **HOBBS:** 0712.2 **TTIS:** 10712.2

Left Engine MFG: Continental Model: TSIO-520-NcNB serial # 514238-H

Repaired left Oil Cooler Scoop. Changed Oil with 11qts Aeroshell w 100 and customer provided oil filter.

Mitch Edwards Thomas M Edwards 36983097 IA

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				TOTALS brought forward from previous page
9-9-22			10946	Replaced Number 3 Cylinder with PIN 5A-50006-A1 Overhauled By Triad Work Order 27533 Serial Number 526-010-8623 Bon leak checked OK For Service Thomas M Edwards 3683097AP
11-1-2022				Removed Cowl performed Compression Check 1-68-80 2-74-80 3-74-80 4-70-80 5-70/80 6-65-80 Removed cleaned and gapped plugs checked timing cleaned injectors changed oil serviced with 10 Qts Aeroshell 80W and Ch48108 Filter Installed New Air Filter Complied with AD 200-1-16 Section B due 50hrs I certify this engine has been inspected in accordance with Annual inspection and determined to be in Airworthy Condition Thomas M Edwards 3683097IA
2-10-23			Hobbs 10930	C/W AD 200-1-16 Section B due 50hrs Changed oil serviced with 10Qts Aeroshell 80W and Ch48108 Filter Bon leak checked Thomas M Edwards 3683097AP
2-10-23			Hobbs 10930	Inspected Air Filter per SE 43275W 50hrs due Thomas M Edwards 3683097AP
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Left Engine

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3-19-23	Hobbs 10950			Replaced All Oil and Fuel Hoses From Ram 1-PNAR1168-8 4-PNAR1168-4 3-PNAR1168-6 1-PNAR1168-10 Ran leak Check OK For Service Thomas M Edwards 3683097AP
5-10-23	Hobbs 10967			Changed Oil and Serviced with 10QTs Aeroshell 100W And CH48108 Filter Inspected Air Filter per STC. SE 43275W due 50hrs Ran leak checked OK For Service Thomas M Edwards 3683097AP
4	3-6			
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