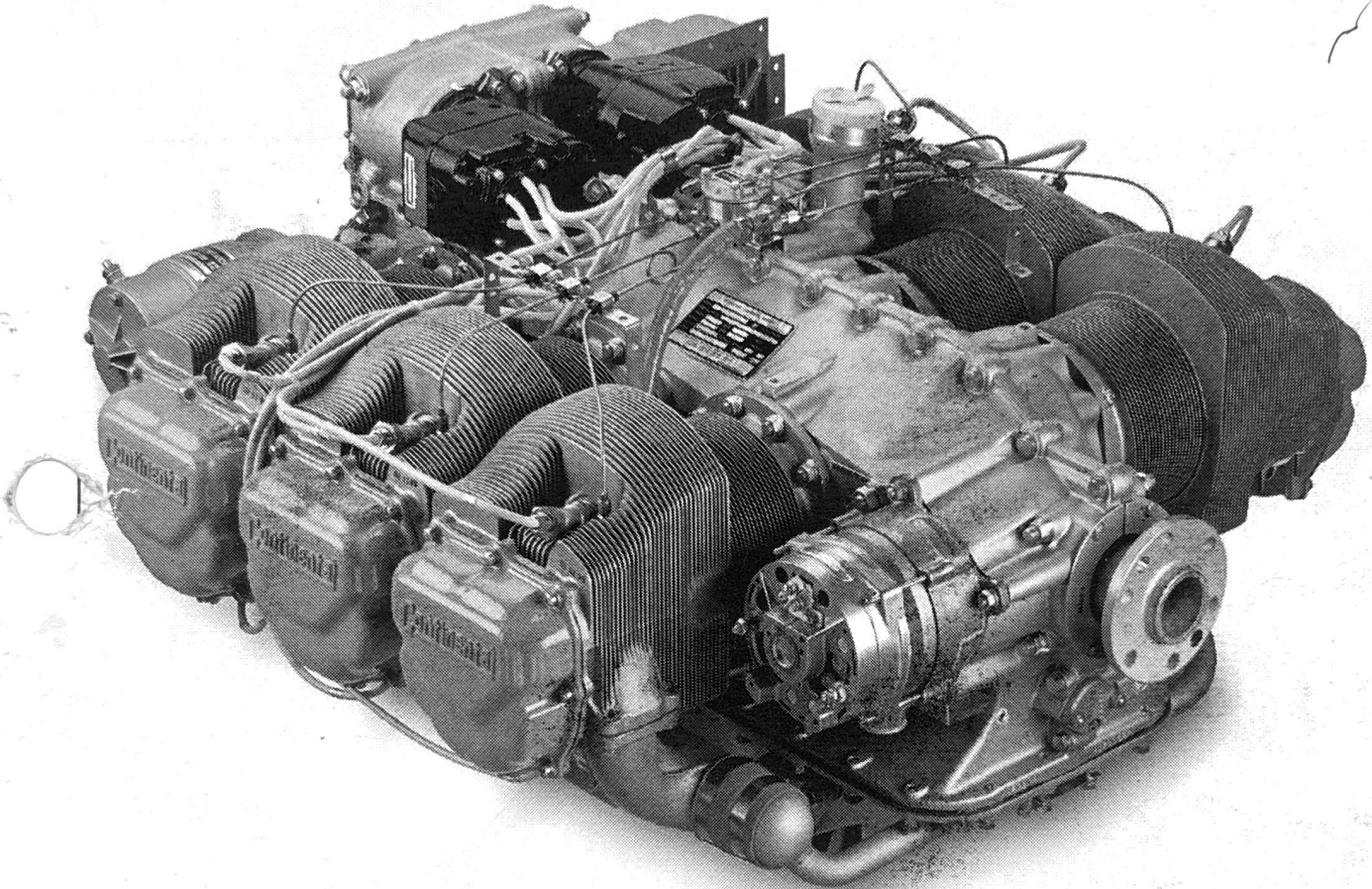


N468PR

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 04/19/2006

This engine model I0360ES6, Serial No. 360158 was manufactured on 04/19/2006 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE MODEL:
ENGINE S/N: 360158
REG NO: 468PR
WORK ORDER: 2820

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

DATE: 6/9/2006
A/C TSN: 20.5
ENG TT: 20.5
HOBBBS: 20.5

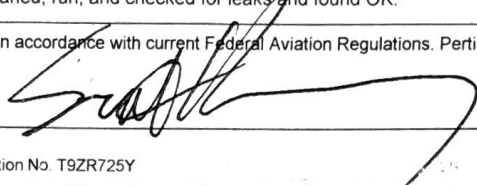
Engine Entries

1 Performed compression check. (77, 76, 76, 77, 75, 76.) Changed oil using 8 qts. Aeroshell 100 mineral. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was cleaned, run, and checked for leaks and found OK.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 6/9/2006

SIGNED:



Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 2820

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
ENGINE S/N: 360158
REG NO: 468PR
WORK ORDER: 2846

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

DATE: 6/28/2006
A/C TSN: 20.5
ENG TT: 20.5
HOBBBS: 20.5

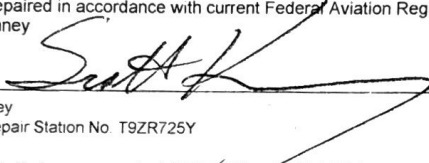
Engine Entries

1 Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and OK.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 6/28/2006

SIGNED:



Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 2846

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES6
ENGINE S/N: 360158
REG NO: 468PR
WORK ORDER: 3148

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

DATE: 5/3/2007
A/C TSN: 126.3
ENG TT: 126.3
TACH: 126.3

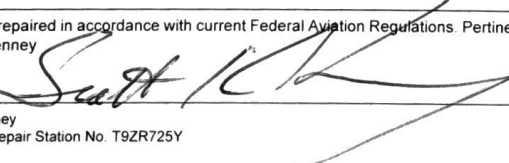
Engine Entries

- 2 I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using Aeroshell 100W. The filter was removed, inspected and OK. Installed new CH48108-1 oil filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: ENG A: Single A1:76 A2:75 A3:75 A4:75 A5:76 A6:74
- 4 TCM - C/W SID 97-3C dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.
- 5 TCM - C/W SID 05-7 Positioned tuned fuel injection nozzles Due each annual or 300 hours.
- 6 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.
- 7 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoos.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 5/3/2007

SIGNED:



Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3148

Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

MAKE Cirrus
MODEL SR20
S/N 1661
REG NO 468PR
WORK ORDER 2943

Troutdale Aircraft Services, Inc.
Repair Station No T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone 503-666-3838

DATE 9/8/2006
A/C TSN 71
HOBBS 71

Airframe Entries

- 3 Performed over heated brake inspection. Replaced Indicator, removed brake pistons and replaced o-rings. Serviced nose gear wheel and main gear wheel bearings IAW Cirrus AMM Chap.32-41.
- 4 Inspected logbooks and reviewed Service Bulletin applicability.
- 5 Installed cabin door strut modification IAW Cirrus Service bulletin 2X-52-04.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 9/8/2006

SIGNED:



Work Order: 2943

Scott Kenney
Certified Repair Station No T9ZR725Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL
ENGINE S/N 360158
REG NO 468PR
WORK ORDER 2943

Troutdale Aircraft Services, Inc.
Repair Station No T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone 503-666-3838

DATE 9/8/2006
A/C TSN: 71
ENG TT: 71
HOBBS: 71

Engine Entries

- 1 Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and OK.
- 2 Cleaned and inspected spark plugs IAW Cirrus AMM Chap.74-20.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 9/8/2006

SIGNED:



Work Order: 2943

Scott Kenney
Certified Repair Station No T9ZR725Y

Printed by EBis 3 (datcomedia.com)

Date

ENGINE MODEL IO-360-ES6
ENGINE S/N 360158
REG NO 468PR
WORK ORDER 3611

Troutdale Aircraft Services, Inc.

Repair Station No T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

Work Order Record

DATE 5/16/2008
A/C TSN 203
ENG TT: 203
TACH: 203

Brought Fo

Engine Entries

I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using eight qts Aeroshell 100w. The filter was removed, inspected and OK. Installed new CH48108-1 filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: A1=76, A2=78, A3=76, A4=79, A5=78, A6=78.

C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07.

C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders.

C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetos.

C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

C/W SID 05-7 Positioned tuned fuel injection nozzles. Due each annual or 300 hours.

C/W SID 97-3C dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

C/W SID 97-2B Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Cowling Inspection and cowl flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight test.

Checked and retorqued all engine valve covers as needed.

Replaced oil service port cap with new.

Applied RTV to fuel line going to engine driven pump at #5 induction tube to prevent further chafing.

Removed engine driven fuel pump PN 649368-46A4, SN B06CA248. Installed new engine driven fuel pump PN 649368-51A4 SN B07LA038. Ops & leak check ok.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 5/16/2008

SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3611

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-360-ES6
ENGINE S/N: 360158
REG. NO 468PR
WORK ORDER: 3660

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

DATE: 5/16/2008
A/C TSN: 203
ENG TT: 203
HOBBS: 203

Engine Entries

The following troubleshooting procedures were carried out to determine cause of rough running engine and LH mag drop after Annual Insp. 1. Spark plugs swapped with new 2. LH ignition harness swapped with serviceable unit. 3. Mags found to have oil seeping into case - removed and cleaned internally, reinstalled on A/C. 4. O ring on STBY Alt pad replaced - which was causing oil leaking onto mags. 5. Mags swapped LH to RH for troubleshooting - new mounting gaskets installed. 6. Fuel nozzles removed, cleaned, tested and reinstalled & C/W SID 05-7. 7. Engine driven fuel pump serial #B07LA038 previously installed at Annual - "0" time since new, removed from engine, known serviceable pump installed for troubleshooting - engine runs OK. 8. New fuel pump serial # B07JA177 installed on the aircraft - fuel flows adjusted IAW SID 97-3C. Aircraft ground run OK. All ignition parts re-installed to pre-troubleshooting configuration.

Installed new LH engine environmental fuel drain line with new.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 5/16/2008

SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3660

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-360-ES6
ENGINE S/N: 360158
REG. NO 468PR
WORK ORDER: 3876

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

DATE: 10/24/2008
A/C TSN: 277
ENG TT: 277
HOBBS: 277

Engine Entries

Changed oil using Aeroshell 100W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and OK.

TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

Removed, cleaned, inspected, gapped and reinstalled spark plugs, and OK.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 10/24/2008

SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3876

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES6
ENGINE S/N: 360158
REG. NO: 468PR
WORK ORDER: 4079

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 6/12/2009
A/C TSN: 314.2
ENG TT: 314.2
HOBBS: 314.2

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ions,

Br Engine Entries

100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAP: 43 appendix D and was found airworthy for return to service. Oil was changed using . The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and values are on file under this WO.

TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07.

TCM - C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders.

TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes.

TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains.

TCM - C/W SID 05-7 Positioned tuned fuel injection nozzles due each annual or 300 hours.

TCM - C/W SID 97-3E dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

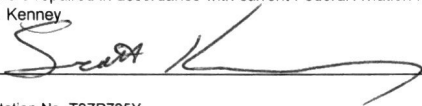
TCM - C/W SID 97-2B Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Cowling Inspection and cowl flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight test.

TCM - C/W SB 08-3 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 6/12/2009

SIGNED:



Work Order: 4079

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES6
ENGINE S/N: 360158
REG. NO: 468PR
WORK ORDER: 4520

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 4/27/2010
A/C TSN: 370.6
ENG TT: 370.6
HOBBS: 370.6

Engine Entries

2 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using Aero Shell 100 W50. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: 1) 76, 2) 77, 3) 76, 4) 77, 5) 77, 6) 77.

4 TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07. Checked magneto to engine timing and found to be 22° bt dc.

5 TCM - C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders. No defects noted.

6 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes dated 4-6-2005. Inspected magnetoes and ignition harnesses in accordance with above bulletin. No defects noted.

7 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

8 TCM - C/W SID 05-7 Positioned tuned fuel injection nozzles due each annual or 300 hours. Removed, cleaned, inspected and reinstalled fuel nozzles.

9 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains. No cracks or other defects noted.

10 TCM - C/W SID 97-3E dated 6-17-2008 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

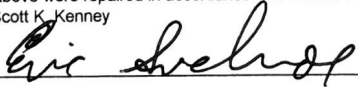
12 TCM - C/W SB 08-13 Induction system hose and clamp installation dated 9-30-2008. Torqued induction system hose clamps to 34 inlbs.

36 Installed twelve new spark plugs.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 4/27/2010

SIGNED:



Work Order: 4520

Eric Svelmoe
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

Brought Forward

ENGINE MODEL:
ENGINE S/N
REG. NO. N468PR
WORK ORDER:
4823-04-2011

Lone Star Aero

Repair Station No. LSZR252X
477 Sandau Rd Hangar F
San Antonio, Texas 78216 USA
Phone 210-979-6313

DATE 4/22/2011
A/C TSN: 524.2
ENG TT: 524.2
FLIGHTTIME: 524.2

Engine Entries

C/W an annual inspection I/AW Cirrus SR20 series maintenance manual. Change oil and filter. Install new CH48108-1 filter. Service engine with 8 QTS Aeroshell 15W-50. Cut and inspect old filter, no defects noted at this time. Check compression, #1 76/80 #2 77/80 #3 74/80 #4 76/80 #5 76/80 #6 74/80. Clean, gap and test spark plugs and reinstall with new gaskets Pn M-674. ADs checked thru biweekly 11-08. Ground run engine leak and ops check good. I certify that this engine has been inspected I/AW an annual inspection and was determined to be in an airworthy condition.

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under the referenced Work Order number."

DATE: 4/22/2011

SIGNED: *Scott O. Carney*

Work Order: 4823-04-2011

Scott O. Carney
Certified Repair Station No. LSZR252X

Printed by EBis 3 (datcomedia.com)

DATE	AFTT	TACH	FTSN	TSMOH	TSTOH
08-18-11	0575.5	0575.5			

CHANGED OIL AND FILTER NEW FILTER CH-48108-1 8 QTS 15W50 AEROSHELL GROUND RUN AND LEAK CHECKS WERE NORMAL APPROVED FOR RETURN TO SERVICE.

David A Trammel
David A Trammel AP3085222931A

Date 08-18-11

DATE	AFTT	TACH
09-07-11	588.9	588.9

REMOVED IO360ES6 S/N 360158 FROM N468PR S/N SR20-1661 FOR PROPELLER STRICK PROPELLER REMOVED FOR INSPECTION AND REPAIR HARTZELL PHC-J3YF-1RF/F7392-1 S/N FP467313

David A Trammel
David A Trammel AP3085222931A

Date 09-07-11

AIRWORTHINESS DIRECTIVE

repair

At date of engine ~~workbook~~ 10/27/2011

Engine Model: IO-360-ES

Authorized Signature: 

d
s,

Brou

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
88-03-06		88-4	X	
91-19-03		-----	X	
92-04-09		92-4	X	
93-10-02		93-12	X	
97-26-17		96-8		X
98-17-11		-----	X	
2000-23-21		00-5D	X	
2010-11-04		09-8A	X	
END				

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 68046

Engine Model IO-360-ES Serial Number: 360158

Date: 10/27/2011 Signed: 



for

F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

10/26/11 13:27:39 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAGE
REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
AA48108-2	FILTER OIL	1
AN737TW74	Clamp	6
MS16626-3078	Ring	1
MS35756-8	Key	** 1
RG-632310	VALVE COVER GASKET (4 HOLES)	12
X13041	Adapter Bearing	** 1
36025	Washer	** 4
501867	Washer Lock Tab	25
530917	Seal	** 1
629004	Crank Clips	** 8
629690	Piston Pins	6
629935	Crank Plug	1
6314	SLICK MAGS	1
6314	SLICK MAGS	1
631928	Hose	** 1
633958-2	Seal	** 3
636931	Nut	** 2
639198	Bushing	** 8
639580	Bushing	4
641368	Bearing	1
641533	Seal	** 1
642338	Bearing	12
643626-110	Pin	2
643626-111	Pin	** 2
646543A1	Gasket Set	** 1
646597A1	Bearing Set	1
653143	Plate	** 8
654487	Nut	12
654584	Screw	4
654587-.44	Cam bolt	** 4
655269	Bushing	4
655959	BOLT CON	12
658106	LIFTER	12

*** END OF REPORT ***

1. Approving National Aviation Authority/Country
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form tracking number:
7108

S/N
CRS MW;

4. Organization Name and Address:
Tiffin Air, Inc.
1778 West U.S. 224
Tiffin, Ohio 44883
FAA Certified Repair Station No.
DTXR341D

5. Work Order/Contract/Invoice Number:
W.O.#7108

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Sub-Item:
1	MCCAULEY PROPELLER GOVERNOR	C290D3R/T23	N/A	1	060262	OVERHAULED

13. Remarks:
OVERHAULED IN ACCORDANCE WITH MCCAULEY SERVICE MANUAL 780401, REV.8, 12/15/2002.
COMPLIED WITH SERVICE LETTERS:2000-10B,2001-1F,2003-5,2005-01,2007-11.
COMPLIED WITH SERVICE BULLETINS:137AD,249A.

at next &
END

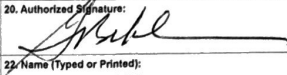
14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

20. Authorized Signature: 

21. Approval/Certificate No.: DTXR341D

17. Name (typed or Printed): _____

18. Date (m/d/y): _____

22. Name (Typed or Printed): Gary E. Bibler

23. Date (m/d/y): Sep/23/2011

D/
10-3
INST
HAR

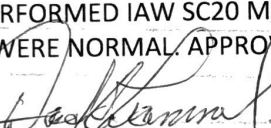
User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA FORM 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. MSN: 0052-00-012-9005

SERVICED ENGINE WITH 8 QTS. 200 V. MINIMUM OIL

OVERHAULED BY TIFFIN AIR WO.# 20559 INSTALLED PROPELLER AFTER OVERHAULED BY TIFFIN AIR WO# 7108 WORK PERFORMED IAW SC20 M/M 71-00 PAGE 23,22 GROUND RUN AND LEAK CHECKS WERE NORMAL APPROVED FOR RETURN TO SERVICE.

David A Trammel AP308522293IA  Date 10-31-11

DATE	AFTT	TACH	TTSN	TSMOH	TSTOH
04-16-12	669.1	669.1	669.1		

C/W ANNUAL INSPECTION IAW SR20 INSPECTION GUIDE 5-20 AND 5-30 AND FAR 43 APP. D. CHANGED OIL AND FILTER INSPECTED FILTER AND OIL SCREEN CLEAN NEW FILTER AA48108-2 8 QTS 15W50 AEROSHELL CHECKED MAG TIMING, NEW INDUCTION FILTER BA 24 INSPECTED INDUCTION, EXHAUST SYSTEM CLEANED AND GAP SPARK PLUGS, CLEANED FUEL NOZZLES AND FLOW CHECKED COMPRESSION CHECKS #1 62/80 #2 60/80 #3 60/80 #4 60/80 #5 60/80 #6 61/80 GROUND RUN AND LEAK CHECKS WERE NORMAL.

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


David A Trammel AP308522293IA Date 04-16-12

AIRWORTHINESS DIRECTIVE

repair

At date of engine ~~xxxxxx~~ 10/27/2011

Engine Model: IO-360-ES

Authorized Signature: 

d
s,

Brou

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
88-03-06		88-4	X	
91-19-03		-----	X	
92-04-09		92-4	X	
93-10-02		93-12	X	
97-26-17		96-8		X
98-17-11		-----	X	
2000-23-21		00-5D	X	
2010-11-04		09-8A	X	
END				

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 68046

Engine Model IO-360-ES Serial Number: 360158

Date: 10/27/2011 Signed: 



for

F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

10/26/11 13:27:39 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAGE
REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
AA48108-2	FILTER OIL	1
AN737TW74	Clamp	6
MS16626-3078	Ring	1
MS35756-8	Key	** 1
RG-632310	VALVE COVER GASKET (4 HOLES)	12
X13041	Adapter Bearing	** 1
36025	Washer	** 4
501867	Washer Lock Tab	25
530917	Seal	** 1
629004	Crank Clips	** 8
629690	Piston Pins	6
629935	Crank Plug	1
6314	SLICK MAGS	1
6314	SLICK MAGS	1
631928	Hose	** 1
633958-2	Seal	** 3
636931	Nut	** 2
639198	Bushing	** 8
639580	Bushing	4
641368	Bearing	1
641533	Seal	** 1
642338	Bearing	12
643626-110	Pin	2
643626-111	Pin	** 2
646543A1	Gasket Set	** 1
646597A1	Bearing Set	1
653143	Plate	** 8
654487	Nut	12
654584	Screw	4
654587-.44	Cam bolt	** 4
655269	Bushing	4
655959	BOLT CON	12
658106	LIFTER	12

*** END OF REPORT ***

S/N 360158 W/O 68046
 C/W complied with, P/C/W previously complied with, N/A not applicable
 CRS MW2R020L

[Signature]

Record
 inspections,

N/A by P/N
 N/A by code
 N/A by model & date
 C/W by insp.
 at next & every crank shaft removal C/W ultra sonic insp. crankshaft
 N/A by insp.
 N/A by S/N
 N/A by P/N
 END

DATE AFTT TACH
 10-31-11 588.9 588.9

INSTALLED ENGINE ON N468PR S/N SR20-1661 IO360ES6 S/N 360158 WITH NEW
 HARDWARE AND LORD MOUNTS P/N 94006-01 TORQUED BOLTS TO 41.6 FT LBS.
 SERVICED ENGINE WITH 8 QTS. 100 WT MINERAL OIL PROP. GROV. INSTALLED AFTER
 OVERHAULED BY TIFFIN AIR WO.# 20559 INSTALLED PROPELLER AFTER OVERHAULED
 BY TIFFIN AIR WO# 7108 WORK PERFORMED IAW SC20 M/M 71-00 PAGE 23,22
 GROUND RUN AND LEAK CHECKS WERE NORMAL. APPROVED FOR RETURN TO
 SERVICE.

David A Trammel AP308522293IA *[Signature]* Date 10-31-11

DATE AFTT TACH TTSN TSMOH TSTOH
 04-16-12 669.1 669.1 669.1

C/W ANNUAL INSPECTION IAW SR20 INSPECTION GUIDE 5-20 AND 5-30 AND FAR 43 APP. D.
 CHANGED OIL AND FILTER INSPECTED FILTER AND OIL SCREEN CLEAN NEW FILTER AA48108-2 8 QTS
 15W50 AEROSHELL CHECKED MAG TIMING, NEW INDUCTION FILTER BA 24 INSPECTED INDUCTION,
 EXHAUST SYSTEM CLEANED AND GAP SPARK PLUGS, CLEANED FUEL NOZZLES AND FLOW CHECKED
 COMPRESSION CHECKS #1 62/80 #2 60/80 #3 60/80 #4 60/80 #5 60/80 #6 61/80 GROUND RUN AND
 LEAK CHECKS WERE NORMAL.

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

[Signature]
 David A Trammel AP308522293IA

Date 04-16-12

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

<p>N468PR Maintenance Hobbs: 1024.6 ESMOH: Date: 5-7-13</p> <p>Completed an annual inspection on this engine. Compressions #1) 76/80, #2) 73/80, #3) 77/80, #4) 72/80, #5) 76/80, #6) 72/80. Drained the oil from the crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. Removed the sparkplugs and replaced with new sparkplugs. Removed the induction air filter and replaced with a new filter P/N BA24. Engine run normal, no leaks noted. I certify this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;">Joshua Groh A&P IA 3308388</p>	<p>Groh Aviation, LLC Greenwood, IN 46143 317-727-9881</p>
---	---

<p>N468PR Hobbs: 1034.0 TTSN: Date: 6-23-14</p> <p>-Completed an annual inspection on this engine in accordance with Cirrus 100hr/Annual inspection guide lines and current FARs. -Compressions #1) 76/80, #2) 73/80, #3) 77/80, #4) 72/80, #5) 76/80, #6) 72/80. -Drained the oil from the crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. -Removed, cleaned, gapped, tested and reinstalled the sparkplugs with new m674 gaskets. -. Removed the induction air filter and replaced with a new filter P/N BA24. -Engine run normal, no leaks noted. - I certify this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;">Joshua Groh A&P IA 3308388</p>	<p>Groh Aviation, LLC 799 East Co. Line Rd Greenwood, IN 46143 317-727-9881</p>
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Date	Total Tim	
	Hrs.	Mi

AIRCRAFT MAKE: Cirrus AIRCRAFT REGISTRATION: N468PR
 AIRCRAFT MODEL: SR20 Hobbs: 1246.9
 ETT: 1246.9 Date: 2/2/18

Record
 pections,

Brought Forward →


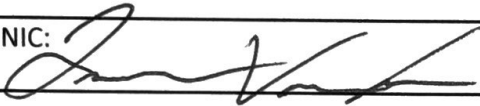

Completed an annual inspection on this engine in accordance with Cirrus SR20 100hr/Annual inspection guide lines and current FARs. Compressions #1)72/80, #2)74/80, #3)76/80, #4)68/80, #5)70/80, #6)68/80. Drained the oil from the crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. Cut the old oil filter open and inspected, no defects noted. Removed, cleaned, inspected and reinstalled the fuel injectors. Removed, cleaned, gapped, tested and reinstalled the spark plugs with new M674 gaskets. Check magneto to engine timing, no defects noted. Removed the number 2cylinder pushrod seals and replaced with new seals. Torqued the valve cover gaskets screws to spec. Engine run normal, no leaks noted. I certify this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.



Signature:  3624453 A&P IA

Aircraft Make: CIRRUS Aircraft Registration: N468PR
 Aircraft Model: SR20 Hobbs: 1307.1
 AFTT: 1307.1 Date: 4-6-19


Completed an annual inspection on this engine in accordance with Cirrus SR20 100hr/Annual Inspection guide lines and current FARs. Compressions #1)74/80, #2)73/80, #3)75/80, #4)70/80, #5)71/80, #6)68/80. Drained the oil from the crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. Cut the old oil filter open and inspected, no defects noted. Removed, cleaned, inspected the fuel injectors. Removed and replaced the spark plugs. Check magneto to engine timing, no defects noted. Engine run normal, no leaks noted. I certify this engine was inspected in accordance with an annual inspection and was determined to be airworthy condition.


Signature:  3624453 A&P IA

DATE: October 17, 2019	ENGINE MODEL: IO360ES6B	ENGINE S/N: 360158	ENGINE TT 1321
 CONTINENTAL SERVICES			
<p>This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled and inspected. The following serialized items were installed as replacements: magnetos (SN H-07659 and H-07660), crankshaft (R53067-1). Cylinders were repaired to serviceable condition. Engine assembled in accordance with Continental Overhaul Manual M-7 Revision Dated 09/2016 and Standard Practices Manual M-0 Revision Dated 09/2019 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable SBs and ADs have been complied with. This engine was tested in accordance with procedures listed in M-7 and has been accepted. I certify that this engine has been repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order SH-9091.</p>			
<p>Complied with: M87-23, M93-4, MSB94-8D, SB04-10, SB07-1, SB17-06, SB653, SID96-6, SIL15-8.</p>			
MECHANIC:		9CER853B	AUTHORIZATION:  9CER853B

DATE: October 30, 2019	ENGINE MODEL: IO360ES6B	ENGINE S/N: 360158	ENGINE TSMOH 1321
 CONTINENTAL SERVICES			
<p>Complied with Slick Service Bulletin SB2-19 by performing inspection of impulse coupling components for the following: 6314: 10090926 / H-07660 6314: 10090928 / H-07659 No defects noted.</p>			
MECHANIC:		9CER853B	

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				Date: 8/29/2019 Hobbs: 1321.0 TTE: 1321.0 Removed this engine, Continental IO-360 ES6 S/N 360158, from Cirrus N468PR for prop strike inspection. Signed: <i>[Signature]</i> A&P 2830402 IA For: Martin Aircraft Services, LLC

DATE: October 17, 2019	ENGINE MODEL: IO360ES6B	ENGINE S/N: 360158	ENGINE TT 1321
 CONTINENTAL SERVICES			
<p>This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled and inspected. The following serialized items were installed as replacements: magnetos (SN H-07659 and H-07660), crankshaft (R53067-1). Cylinders were repaired to serviceable condition. Engine assembled in accordance with Continental Overhaul Manual M-7 Revision Dated 09/2016 and Standard Practices Manual M-0 Revision Dated 09/2019 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable SBs and ADs have been complied with. This engine was tested in accordance with procedures listed in M-7 and has been accepted. I certify that this engine has been repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order SH-9091.</p>			
Complied with: M87-23, M93-4, MSB94-8D, SB04-10, SB07-1, SB17-06, SB653, SID96-6, SIL15-8.			
MECHANIC: <i>[Signature]</i>	9CER853B	AUTHORIZATION: <i>[Signature]</i>	9CER853B

DATE: October 30, 2019	ENGINE MODEL: IO360ES6B	ENGINE S/N: 360158	ENGINE TSMOH 1321
 CONTINENTAL SERVICES			
<p>Complied with Slick Service Bulletin SB2-19 by performing inspection of impulse coupling components for the following: 6314: 10090926 / H-07660 6314: 10090928 / H-07659 No defects noted.</p>			
MECHANIC: <i>[Signature]</i>	9CER853B		

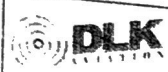
Brought Forward	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date: **12/19/2019** Hobbs: **1321.0** TTE: **1321.0**
 Reinstalled this Engine, Continental IO-360ES S/N 360158, on Cirrus N498PR S/N 1661 using new engine mounts, Barry Controls P/N 96355-01 and hardware. Reinstalled exhaust using new gaskets and hardware. Reinstalled propeller governor using new gasket and hardware after overhaul by Sensenich Propeller Service, Inc see WO#G25625. Reinstalled propeller after overhaul by Sensenich propeller Service, Inc, see WO#G25323. Work done in accordance with Cirrus SR20 M/M. Engine serviced with 8 qts of AeroShell 100 mineral oil. Performed run up and leak checked.

Signed: *[Signature]*
 A&P 2830402 IA
 Martin Aircraft Services, LLC



2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
 LOG ID# 21850 15-April-2020 WO# 20157-0
 N468PR S/N 1661 CIRRUS SR20
 HOBBS 1322.7 TACH 1026.6
 TTENG 1026.6

*** ENGINE LOG ENTRY ***


PERFORMED ANNUAL INSPECTION OF THIS ENGINE IN ACCORDANCE WITH CIRRUS AIRCRAFT SR20 AMM 05-20 AND CMI MM M0 INSPECTION CHECKLISTS. SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. PERFORMED PRE-MAINTENANCE ENGINE OPERATIONAL RUN. PERFORMED COMPRESSION CHECK: #1 - 68/80, #2 - 70/80, #3 - 72/80, #4 - 69/80, #5 - 72/80, #6 - 70/80, MASTER ORIFICE - 42. TIMED MAGNETOS. INSPECTED EXHAUST SYSTEM. SET FUEL PRESSURES IN ACCORDANCE WITH CMI MAINTENANCE MANUAL M0. ADJUSTED FUEL FLOW TO 17.8 GPH AND ENGINE IDLE TO 750 RPM IN ACCORDANCE WITH CMI MAINTENANCE MANUAL M0. INSTALLED NEW ENGINE INDUCTION ASSEMBLY P/N 12679-002. RETORQUED ENGINE MOUNT BOLTS AT FIREWALL. RAN ENGINE AND INSPECTED FOR #6 EGT PROBE P/N 16579-002. ALL CHECKS NORMAL. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER'S MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.


MAINTENANCE RELEASE.
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#20157 DATED 15 APRIL 2020.

Signed *[Signature]*
 DK7R795J FOR DLK AVIATION

DATE	AFTT	TACH	TTSN	TSMOH
05-19-21	1379.6	1379.6	1379.6	
C/W ANNUAL INSPECTION IAW CIRRUS SR20 INSPECTION GUIDE AND FAR 43APPD.				
CHANGED OIL AND FILTER INSPECTED FILTER AND OIL SCREEN CLEAN NEW FILTER 48108-2				
7 QTS 15W50 AERO SHELL CHECKED MAG TIMING, CLEANED AND GAP SPARK PLUGS				
COMPRESSION CHECKS # 1 72/80 # 2 70/80 # 3 71/80 # 4 71/80 # 5 76/80 # 6 72/80				
INSPECTED EXHAUST SYSTEM, INDUCTION, HOSES, TUBING, WIRING, CLEANED FUEL NOZZLES				
GROUND RUN AND LEAK CHECKS WERE NORMAL IAW CIRRUS SR20 M/M				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL				
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION				
David A Trammel AP3794010IA			Date 05-19-21 N468PR ENG	

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

wo: WO_34		Engine - page 1 of 1			
BOLDAviation					
<small>BOLDAviation - 965 Airport Access Dr. - Greenwood, IN 46143 - 317-745-4422</small>					
N468PR FLIGHT: 1130.5	CONT MOTOR, IO-360-ES, S/N: 360158 HOBBS: 1444.3			July 07, 2022	
C/W Annual Inspection I.A.W. Cirrus SR20 Inspection Guide and FAR 43 Appendix D.					
<ul style="list-style-type: none"> • Changed Oil and Filter. Inspected filter and oil screen. New filter 48108-2, 7 QTS 15W50 Aero Shell • Checked Mag Timing, cleaned and gap spark plugs. • Compression Checks #1 72/80 #2 75/80 #3 73/80 #4 72/80 #5 72/80 #6 71/80 • Inspected exhaust system, induction hoses, tubing, wiring, and cleaned fuel nozzles. • Ground run and leak checks were normal 					
I certify that this aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with an annual/100-hour inspection and determined to be in an airworthy condition and approved for return to service. Details of work performed are on file with BOLDAviation under work order: WO_34.					
Ray Hutcheson Inspection Authorization 377061269					

wo: WO_34		Engine - page 1 of 1			
BOLDAviation					
<small>BOLDAviation - 965 Airport Access Dr. - Greenwood, IN 46143 - 317-745-4422</small>					
N468PR	CONT MOTOR, IO-360-ES, S/N: ENGINE SN TBD			July 07, 2022	
C/W Annual Inspection IAW Cirrus SR20 inspection guide and FAR 43APPD. Changed Oil and Filter Inspected filter and oil screen clean new filter 48108-2 7 QTS 15W50 Aero Shell checked Mag Timing, cleaned and gap spark plugs. Compression Checks #1 72/80 #2 75/80 #3 73/80 #4 72/80 #5 72/80 #6 71/80 Inspected exhaust system, induction, hoses, tubing, wiring, cleaned fuel nozzles Ground run and leak checks were normal					
I certify that this aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with an annual/100-hour inspection and determined to be in an airworthy condition and approved for return to service. Details of work performed are on file with BOLDAviation under work order: WO_34.					
Ray Hutcheson Inspection Authorization 377061269					



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR

TACH: 1142.8

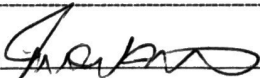
TSN: 1142.8

TSMO: 1142.8

DATE: 03-27-23

Changed engine oil and filter. Serviced with 7 quarts of Phillips 20W50 oil and new Tempest filter AA48108-2. Took oil sample and cut open old filter for inspection. Ops and leak check satisfactory.

Joseph Mourton A&P3682899



Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward



44050 Russia Road Elyria, Ohio 44035
440-323-7000 440-323-7098 (FAX)

N468PR TACH: 1142.8 TSN: 1142.8 TSMO: 1142.8 DATE: 03-27-23

Verified Engine Model: IO-360-ES, Engine S/N: 360158, Crankshaft S/N: R53067-1 not listed in Continental MSB 23-01A crankshaft counterweight inspection. AD 2023-05-16 crankshaft counterweight inspection does not apply. No further action required.

Joseph Mourton A&P3682899



44050 Russia Road Elyria, Ohio 44035
440-323-7000 440-323-7098 (FAX)

N468PR TACH: 1168 TTE: 1168 DATE: 05-30-23

Changed oil/filter. Serviced engine with 7 qts Phillips 20W-50.

Bernard Lyons 2671067 IA



44050 Russia Road Elyria, Ohio 44035
440-323-7000 440-323-7098 (FAX)

N468PR TACH: 1180.3 HOBBS: 1509.0 TSN: 1180.3 DATE: 07-14-23

Complied with ANNUAL INSPECTION in accordance with FAR 43 Appx. "D". AD researched through 2023-13, complied with AD 08-11-18 exhaust heat exchanger pressure test in accordance with SB 2X-78-07R1, next due 1280.3. AD 22-04-04 Stratus oil filter adapter is N/A not installed. Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Checked compression: #1 78/80, #2 72/80, #3 75/80, #4 75/80, #5 78/80, #6 77/80. Replaced left Magneto gasket P/N 649954. Installed Tanis engine pre-heat system P/N TSP6CYL-2927-115 in accordance with Tanis Aircraft Products STC # SE03309CH, FAA form 337 submitted. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

James R. Schall 3399344 IA



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1201.7 HOBBS: 1539.5 TSN: 1201.7 DATE: 09-26-23

Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Cleaned breather air / oil separator. Ran engine and leak checked.

James R. Schall 3399344 IA



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1219.6 HOBBS: 1562.6 TSN: 1219.6 DATE: 04-10-24

Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Engine run up and leak check satisfactory.

Benjamin Dougher A&P 4845863



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1226.0 HOBBS: 1570.5 TSN: 1226.0 DATE: 04-25-24

Cylinder #2 EGT probe not working properly. Removed cylinder #2 EGT probe and cleaned probe. Re-installed EGT probe and tied all wires back into place. Engine run up and probe function satisfactory.

Benjamin Dougher A&P 4845863



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1242.9 HOBBS: 1592.9 TSN: 1242.9 DATE: 07-03-24

Complied with ANNUAL INSPECTION in accordance with FAR 43 Appx. "D". AD researched through 2024-12, complied with AD 08-11-18 exhaust heat exchanger pressure test in accordance with SB 2X-78-07R1, next due 1342.9. Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Checked compression: #1 72/80, #2 74/80, #3 71/80, #4 74/80, #5 70/80, #6 66/80. Replaced oil filter adapter gasket P/N 653748. Replaced all 12 valve rocker gaskets P/N SA632310. Replaced induction air filter P/N BA-24. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

James R. Schall 3399344 IA

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1246.7 HOBBS: 1598.2 ACTT: 1248.2 DATE: 07-12-24

Cylinder #2 egt probe was giving erratic readings. Removed egt probe and replaced with new egt probe P/N (16579-002). Engine run up satisfactory.

Benjamin Dougher A&P 4845863



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1249.5 HOBBS: 1601.8 ACTT: 1249.5 DATE: 07-29-24

Troubleshoot #1 CHT still reaching 450* with the others below 400*. Removed and inspected spark plugs. Found plugs in #1 cylinder not firing correctly and fouled. Removed and replaced 2 each RHM38E spark plugs in #1 cylinder. Also checked and adjusted timing of RH mag. Removed #1 CHT probe and reinstalled original PN:16578-001 Ops check satisfactory. Temps normal.

Joseph Mourton A&P3682899



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR TACH: 1266.2 HOBBS: 1623.4 ACTT: 1266.2 DATE: 10-03-24

Customer complaint of no/erratic RPM indication. Troubleshoot tach system. Found drive shaft attached to oil pump and adapter tang for tach generator drive worn out and slipping. Removed and replaced driveshaft, tang, and gasket with new. Changed engine oil and filter. Took oil sample. Cut open filter and inspected. Serviced engine with 7 Qts. of Phillips 20W50 oil and new AA48108-2 filter. Ground run and leak check satisfactory.

Joseph Mourton A&P3682899