




Continental Motors, Inc.

ENGINE WARRANTY REGISTRATION

This is your **ENGINE WARRANTY/RUST and CORROSION AWARENESS PROGRAM REGISTRATION** form. It is essential that it be properly completed and returned to CMI Warranty Department immediately. This will expedite processing of the claim should your engine require repair or replacement as provided in the appropriate warranty policy. The engine owner can register on-line for free product and service information at <http://continentalmotors.aero> or contact a Factory Service Representative at 1-888-826-5465 or 1-251-436-8299.

PLEASE COMPLETE AND **RETAIN FOR OWNER'S RECORD**



Owner's Name Blackburn Manufacturing

Address P.O. Box 86

City Neligh

State/Province Ne

Country USA Postal Code 68756

Engine Model TSIO-360FB9 Serial # 1011472

Date Installed 3-1-2015 Tach Time 1181.0

Aircraft Model PA28R-201T Serial # 28R-7803132

Year Manufactured 1977 Aircraft Total Hours 1181.0

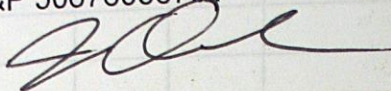
What engine is being replaced? TSIO-360 F

Serial # 305571 Model TSIO-360-F

Hours 1181.0

3-12-2015 Tach 1180.9 Remove fuel pump, p/n R-649368-63A1 s/n B14KA032R. Install fuel pump p/n R-649368-63A1 s/n B15A051R. Check for leaks. None noted.

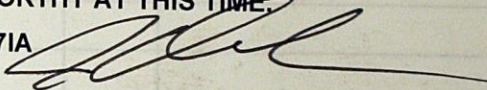
James Dvorak A&P 5067605671A



3-15-2015 TACH 1181.0 TSNEW 0.00 THIS ENGINE INSTALLED ON N2530M USING NEW ENGINE MOUNTS AS PER MANUFACTURES INSTRUCTIONS. SET UNMETERED AND METERED FUEL PRESSURE AND IDLE MIXTURE/ENGINE RPM ACCORDING TO CONTINENTAL SID 97-3F. INSTALL ALL NEW FLEXIBLE ENGINE BAFFLE. SERVICE ENGINE WITH AEROSHELL 50 WT. MINERAL OIL. REPLACE TANIS HEATER CYLINDER PROBES AND UPPER CRANKCASE HEATING PAD. EXHAUST INSTALLED USING NO BLO GASKETS. PROPELLOR GOVERNOR REMOVED, OVERHAULD BY AIRCRAFT ACCESSORIES AND REINSTALLED ON ENGINE. ENGINE GROUND RUN AND TEST FLOWN. ALL OPS NORMAL AND OKAY FOR RETURN TO SERVICE. SEE AD LIST FOR COMPLIANCE.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY AT THIS TIME.

JAMES DVORAK 5067605671A

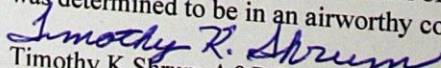


5935 S. 132nd St. Millard Airport ENGINE
Omaha, NE 68137

August 21, 2015 N2530M TCM TSIO-360-F^{B9B}S/N 1011472 TSN: 5.86
TACH: 1186.86

Completed Annual Inspection per the scope and detail of 14 CFR Part 43 (appendix D). Engine Compression 1-76/80, 2-77/80, 3-76-80, 4-79/80, 5-77/80, 6-75/80. Cleaned and gapped spark plugs. Made adjustments to Idle RPM and Fuel Pressure at High RPM. Performance run and leak check satisfactory.

I certify that this engine has been inspected in accordance with an annual inspection as per the scope and detail of 14 CFR Part 43 (appendix D) and was determined to be in an airworthy condition.


Timothy K Shrum A&P 3471627 IA

N2530M Changed Oil and Filter supplied by owner. Tach Time 1217.91. All work done IAW Piper Maintenance Manual and FAA accepted data. I certify that this repair has been done IAW approved data and determined to be in airworthy condition.

9-26-2015

James Kos A&P/IA 3548026

[Handwritten Signature]

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maintenance a
on and complian
Inspections, Mod

04/09/16

STICK RUDDER

N-Number	2530M	A/C Make	PIPER
Hobbs/Tach	1281.58	A/C Model	PA28R-201T
Engine TSOH	1281.58	A/C Year	1977
AF TT	1281.58	Prop TSOH	343.05

ENGINE LOG
CHANGE OIL AND FILTER AND REPLACE WITH
NEW FILTER CH48108-1 AND 7qts PHILLIPS
XC20 50. RUN UP FOR LEAK CHECK. OK FOR
RETURN TO SERVICE FOR WORK PERFORMED.
BARRY G EDWARDS AP30387251A

[Handwritten Signature]

06/24/2016

STICK RUDDER

N-Number	N2530M	A/C Make	Piper
Hobbs/Tach	1310.7	A/C Model	PA28R-201T
Engine TSOH		A/C Year	1977
AF TT		Prop TSOH	

Removed faulty TTT thermocouple, and installed new P/N P-110F. Verified installation of GAM injectors IAW STC #SE09401SC and filed paperwork, see 337 filed this date in aircraft records. Kyle Stoup A&P 3252238

[Handwritten Signature]



07/26/16

Service and Maintenance Record

N-Number	2530M	A/C Make	Piper
Hobbs/Tach	1330.1	A/C Model	PA-28R-201T
Engine TSOH	149.1	A/C Year	1977
AF TT	1330.1	Prop TSOH	391.57

Changed engine oil and filter, serviced with 8qts XC20w-50 and installed new champion CH48108-1 filter. Cut open and inspected old filter, no defects noted. Performed ground run, ops and leak check good.
 Nick Odom A&P 3560008

ance actions including engine part removal and compliance with inspections, Airworthiness Directives, ns, Modifications and Service Bulletins

Stick And Rudder LLC Elk City, OK					
MAKE	Lycoming	MODEL	TSIO-360-FB	SERIAL #	1011472
AIRCRAFT	N2530M	ENG TOT TIME	173.63	TACH TIME	1354.63
DATE	09/26/16	ACFT TOT TIME	1354.63	TSMOH	173.63
I certify that this ENGINE has been inspected IAW A 100 Hour inspection and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D using a Service Manual for reference. Cylinder compressions as follows: 1) 70/80 2) 74/80 3) 72/80 4) 76/80 5) 77/80 6) 75/80. Cleaned gaped and rotated spark plugs. Replaced #6 cylinder spark plugs w/new Tempest URHM38E. Reinstalled wastegate after rebuild by Merlyn Products inc. Changed engine oil and filter, serviced with 7qts XC20w-50, 1qt CamGuard. Installed new Tempest CH48108-2 filter, cut open and inspected old filter, no defects noted, took oil sample and sent to Blackstone for analysis Engine ground ran, no defects noted. See AD summary for compliances.					
Nick Odom			A&P/IA # 3560008		

Stick And Rudder LLC					
MAKE	Continental	MODEL	TSIO-360-FB	SERIAL #	1011472
AIRCRAFT	N2530M	ENG TOT TIME	221.69	TACH TIME	1402.69
DATE	3/21/17	ACFT TOT TIME	1402.69	TSMOH	221.69
Changed engine oil and filter, serviced with 7qts XC20w-50 Added Camguard. Installed new Tempest CH48108-2 filter. Cut open and inspected old filter. No defects noted. Performed ground run. Ops and leak check good.					
Nick Odom			A&P/IA # 3560008		

Carried forward →

Special Inspections, Modifications and Service Bulletins



SOUTHWEST AVIATION SPECIALTIES, LLC

918/298-4044 Fax 918/298-6930

LOGBOOK ENTRY

ENGINE Type: TSIO-360-F ESN: 1011472 TSO: 243.3
REG: N2530M S/N: 28R-7803132 TACH: 1424.32 DATE: 07-November-2017

1. I certify that this engine has been inspected in accordance with an annual inspection, found to be in an airworthy condition, and is approved for return to service.
2. Drained engine oil and removed oil filter. Opened filter and inspected for foreign contamination, no abnormalities were found. Installed new oil filter P/N- CH48108 and serviced engine with 7 qts of Phillips X/C 20W-50 oil. Ops and leak checked good

This engine was repaired/inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service, in regards to the work performed. Pertinent details of the repair/inspection are on file at this repair station under work order: 17-0269.

William Coppel
William Coppel

Southwest Aviation Specialties, LLC
CRS S30R818N

e-mail-hangersixllc@gmail.com		Hanger 6 Aircraft Maintenance LLC (405) 365-3032 Elk City, Oklahoma			
MAKE	Continental	MODEL	TSIO-360-F89	SERIAL #	1011472
AIRCRAFT	N2530M	HOBBS/TACH	1497.2 1478.9	ENGINE TT	440.5
DATE	3.19.18	ACFT TT TIME	1621.5 1478.9	L/E TSO	N/A

Changed oil with Phillips XC 20w50, 8qts. Replaced oil filter with Tempest CH48108-2. Performed leak check- no leaks noted.

James 3116360 AP

e-mail-hangersixllc@gmail.com		Hanger 6 Aircraft Maintenance LLC (405) 365-3032 Elk City, Oklahoma			
MAKE	Continental	MODEL	TSIO-360-F89	SERIAL #	1011472
AIRCRAFT	N2530M	HOBBS/TACH	1539.4	ENGINE TT	358.38
DATE	9.27.18	ACFT TT TIME	1539.4	Engine TSO	N/A

Changed oil with Phillips XC 20w50, 8qts. Replaced oil filter with Tempest CH48108-2. Performed leak check- no leaks noted.

James 3116360 AP

MAKE	Continental	MODEL	TSIO-360-F89	SERIAL #	1011472
AIRCRAFT	N2530M	ENG TOT TIME	392.90	TACH TIME	1573 90
DATE	12/14/2018	ACFT TOT TIME	1573.90	TSMOH	392'90

Inspected IAW the scope and detail of Part 43 Appendix D using a Piper Service Manual for reference. Cylinder compressions as follows: (1)74/80(2) 76/80(3)71/80(4)64/80(5)70/80(6)76/80. Cleaned gaped and rotated spark plugs. Drained engine oil and serviced engine with Phillips XC 20w50 8qts. Replaced oil filter with new Tempest 48108-2. Replaced upper deck seals. Cleaned injectors. Engine ground ran, no defects noted. See AD summary for compliances. I certify that this ENGINE has been inspected IAW A 100 Hour inspection and found to be in an AIRWORTHY condition

James 3116360 A&P/LA # 3116360

Hours Min Hours min Special Inspections, Modifications and Service Bulletins

Carried *hangersixllc@gmail.com* **Hangar 6 Maintenance LLC** (405) 365-3032

MAKE	Continental	MODEL	TSIO-360-FB9B	SERIAL #	1011472
AIRCRAFT	N2530M	Hobbs/Tach	1607.5	Engine TT	426.5
DATE	7/11/2019	Aircraft TT	1607.5	Engine TSO	N/A

Drained engine oil and serviced engine with Phillips XC 20w50, 8 qts. Replaced engine oil filter with new Tempest 48108-2. Ground operational check - No leaks noted.

James Hill A&P# 3116360

hangersixllc@gmail.com **Hangar 6 Maintenance LLC** (405) 365-3032

MAKE	Continental	MODEL	TSIO-360-FB9B	SERIAL #	1011472
AIRCRAFT	N2530M	Hobbs/Tach	1631.4	Engine TT	450.4
DATE	01/02/2020	Aircraft TT	1631.4	Engine TSO	N/A

Inspected engine per FAR 43 appendix D, with reference from Piper Inspection Guide. Compression: (1)70/80 (2)68/80 (3)74/80 (4)68/80 (5)71/80 (6)72/80. Drained engine oil and serviced engine with Phillips XC 20w50, 8 qts. Replaced engine oil filter with new CH48108-2. Removed, cleaned, inspected and checked all spark plugs. Cleaned all fuel screens. Inspected turbocharger system for leaks, cracks and security. Inspected induction and exhaust systems for leaks, cracks and security. Lubricated all engine controls. Ground operational check - No leaks noted. I certify this engine has been inspected in accordance with a 100-hour inspection and was determined to be airworthy.

James Hill A&P# 3116360

hangersixllc@gmail.com **Hangar 6 Maintenance LLC** (405) 365-3032

MAKE	Continental	MODEL	TSIO-360-FB9B	SERIAL #	1011472
AIRCRAFT	N2530M	Hobbs/Tach	1669.70	Engine TT	488.8
DATE	09-22-2020	Aircraft TT	1669.70	Engine TSO	N/A

Drained engine oil and serviced engine with Phillips XC 20w50, 8 qts. Replaced engine oil filter with new CH48108-1. Washed engine. Ground check, no leaks or faults noted.

James Hill A&P# 3116360

hangersixllc@gmail.com **Hangar 6 Aircraft Maintenance LLC** (405) 365-3032

Make	Continental	Model	TSIO-360-F	Serial Number	305571
Registration	N2530M	Tach/Hobbs	1672.6	Engine TIS:	
Date	10-6-2020	Aircraft TT:	1672.6	Engine TSO	453.3

Replaced #1-cylinder fuel injector line with new P/N: 641093. C/W CSB19-01A by removing optional fuel primer diverter per CSB instructions. Drained engine oil and serviced engine oil with Phillips XC 20w50, 8qts. Replaced engine oil filter with new CH48108-1. Operated aircraft on ground, no leaks or defects noted.

James Hill 3116360 AP

hangersixllc@gmail.com **Hangar 6 Aircraft Maintenance LLC** 405-365-3032

Make	Continental	Model	TSIO-360-FB9	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1694.0	Engine TIS:	513.0
Date	17 Mar 2021	Aircraft TT:	1694.0	Engine TSO	N/A

Inspected engine per FAR 43, Appendix D with guidance from Piper Inspection form. Compressions: (1)70/80(2)70/80(3)73/80(4)70/80(5)73/80(6)67/80. Changed Oil with Phillips 20w50 engine oil, 8qts. Replaced oil filter with CH48108-1 oil filter. Replaced all spark plugs with RHM38S. Replaced all valve cover gaskets with mag to engine. Lubed all engine and prop control cables and rod ends. I certify this engine has been inspected in accordance with a 100hr inspection as was determined to be airworthy

James Hill 3116360 AP

Hours Min Hours Min record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Carrie

hangsixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032

Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1717.4	Engine TIS:	536.4
Date	6-25-2021	Aircraft TT:	1717.4	Engine TSO	N/A

Removed and reinstalled magnetos after 500 inspections by Velocity Shoppe. Replaced mag harness cap seals with new gaskets P/N: 10-35171. Timed mags to engine. Performed ground operational check-no faults noted. *James Key*
3116360 AP

hangsixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032

Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1742.3	Engine TIS:	561.3
Date	9-13-2021	Aircraft TT:	1742.3	Engine TSO	N/A

Drained engine oil and replenished engine oil system with Phillips XC 20w50, 8qts. Replaced engine oil filter with new CH48108-1 filter. Performed ground operational check, no leaks or faults noted. *James Key*
3116360 AP

hangsixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032

Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1790.5	Engine TIS:	609.5
Date	12-14-2021	Aircraft TT:	1790.5	Engine TSO	N/A

Drained engine oil and replenished engine oil system with Phillips XC 20w50, 8qts. Replaced engine oil filter with new CH48108-1 filter. Performed ground operational check, no leaks or faults noted. *James Key*
3116360 AP

hangsixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032

Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1794.5	Engine TIS:	613.5
Date	04-05-2022	Aircraft TT:	1794.5	Engine TSO	N/A

Inspected Engine per FAR 43, Appendix D. Compression: (1)69/80 (2)68/80 (3)62/80 (4)63/80 (5)70/80 (6)72/80. Cleaned spark plugs. Cleaned all fuel screens. Inspected turbocharger for leaks and security during removal of exhaust system. Inspected induction system. Replaced drain seals with new 633958-2 on right side bank. Checked mag to engine timing. Cleaned and inspected Gammi fuel injectors and reinstalled with new 630979-9 O-rings and 640612 washers. Lubricated all engine control rod ends and cables. Performed ground operation checks, no leaks or discrepancies noted.
I certify this aircraft has been inspected in accordance with a100hr inspection and was determined to be airworthy. *James Key*
3116360 AP

hangsixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032

Make	Continental	Model	TSIO-360-F	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1798.3	Engine TIS:	617.3
Date	5-27-2022	Aircraft TT:	1798.3	Engine TSO	N/A

Replaced Alternator Drive Coupling with overhauled unit P/N: 635796, S/N: DRK118636. Performed ground check. No faults noted. System operated normally. *James Key*
3116360 AP

Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1828.5	Engine TIS:	647.5
Date	9-26-2022	Aircraft TT:	1828.5	Engine TSO	N/A

Drained engine oil and replenished oil system with 7qts. Phillips 20w50 engine oil. Replaced oil filter with new AA48103-2. Ground ran aircraft no leaks or defects noted. *James Key*
3116360 AP

hangersixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032					
Make	Continental	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1850.3	Engine TIS:	669.3
Date	4-21-2023	Aircraft TT:	1850.3	Engine TSO	N/A
Inspected Engine per FAR 43, Appendix D, Scope and Detail with guidance from Piper Inspection Report for PA-28R-201T. Compressions: (1)72/80 (2)72/80 (3)62/80 (4)72/80 (5)70/80 (6)66/80. Drained engine oil and serviced oil system with 7qts. Phillips 20w50 engine oil. Replaced oil filter with new AA48108-2. Cleaned, inspected and checked spark plugs. Replaced one spark plug P/N: RHM38S. Reinstalled upper deck pressure control assembly after repair by Nord Engineering Products. Cleaned and inspected fuel injectors, replaced O-rings and compression seals on injectors and upper deck lines. Checked mag to engine timing. Lubricated all engine control cables and rod ends. Ground ran aircraft no leaks or defects noted. I certify this engine has been inspected in accordance with a 100hr inspection and was determined to be airworthy.					
					James Tix 3116360 AP

Hangar 6 Aircraft Maintenance LLC					
Make	Lycoming	Model	TSIO-360-FB9B	Serial Number	1011472
Registration	N2530M	Tach/Hobbs	1899.8	Engine TSN	719.2
Date	11-8-2023	Aircraft TT:	1899.8	Prop TSN	1899.8
Drain oil and serviced oil system with Phillips 20w50, 8qts. Replaced oil filter with new AA48108-2. Performed ground operations and no leaks or faults noted.					
					James Tix 3116360 AP