

# ENGINE LOG BOOK



**N240R**  
**TSIO-360-RB5B**  
**1009969**  
*Left Engine Logbook*

## Service Information

Consult the Continental Motors web site at [continentalmotors.aero](http://continentalmotors.aero) for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:  
1-888-826-5465 Toll free in the United States or  
1-251-436-8299 International

## Engine Returns

Return engines for core credit with this log book to:

**Continental Motors, Inc.**  
2039 Broad Street  
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

**Continental Motors, Inc.**  
Factory Service Center  
8600 County Road 32  
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S  
MANUAL OR TYPE CERTIFICATE DATA SHEET  
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



## Continental Motors, Inc.

Production Certificate 508

Printed: 3/12/2014

Test Date: 3/11/2014

This engine model TS10360RB5B, serial number 1009969 was manufactured by 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 Continental Motors Service Bulletins.

*Thomas Howard*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
<b>→ AERO JACKSON →</b> JACKSON, MISSISSIPPI					
	N240R	Lt. eng.	Date 1-7-2015	Hourmeter 31.1	
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Aeroshell 100 oil. Washed and grd. ran engine. No leaks noted.					
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>					
<b>→ HAWKINS JET CENTER →</b> JACKSON, MISSISSIPPI					
	N240R	Lt. eng.	Date 7-8-2015	Hourmeter 121.5	
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips XC 20W50. Grd. ran engine. No leaks noted.					
Brian Goins Ap3738075 <i>Brian Goins</i>					
<b>→ HAWKINS JET CENTER →</b> JACKSON, MISSISSIPPI					
	N240R	Lt Eng.	Date 10-27-2015	Hourmeter 202.4	
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.					
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>					

ENGINE MODEL:  
TSIO-360-RB5B  
ENGINE S/N (L): 1009969  
REG. NO: 240R  
WORK ORDER:  
7917-01-2015



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 1/21/2015  
A/C TSN: 44.9  
ENG TT (L): 44.9  
TSMOH (L):  
HOBSBS: 44.9

**Left Engine Entries**

Adjusted LE alternator belt tension. Changed L/E oil and filler (8qts. Exxon 20W50 oil, CH48108-1 filter), cut open and inspected oil filter, no defects noted, inspected Engine air filter, wash and run engine, Ops.ck.good, no leaks. Installed Tanis Engine Preheat System Kit P/N TSP6CYL-2927-115 S/N 49261 on the left engine. Executed Form 337 and revised Weight and Balance data. Ref.: STC #SE03309CH and Tanis installation instructions Doc. No. TNP2927, Rev. D. Adjusted LE A/C compressor drive belt tension.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 1/21/2015

SIGNED: *Scott Koenig*  
Scott Koenig, A&P: 2839208

Work Order: 7917-01-2015  
Printed by EBIS 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	

# Engine Service and Maintenance Record

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

ENGINE MODEL: TSIO-360-RB5B  
 ENGINE S/N (L): 1009969  
 REG. NO: 240R  
 WORK ORDER: 8473-11-2015



**Flightline Group, Inc.**  
 3256 Capital Circle SW  
 Tallahassee, Florida 32310  
 Phone: 850-576-3515

DATE: 1/15/2016  
 A/C TSN: 237.2  
 ENG TT (L): 237.2  
 TSMOH (L):  
 HOBBS: 237.2

**Left Engine Entries**

C/W Left Engine Annual Inspection...L/E compression (80 psi applied):#1- 72, #2-71, #3-71, #4-72, #5-76, #6-72....Changed left oil and filter. (8 qts Phillips 20W-50, CH48108-1 filter). Opened old filter and visually inspected for metal; none detected at this time....Replaced L/E spark plugs, p/n RHM38E....Adjusted L/E prop control stop down 1/2 turn....Replaced both L/E magnetos, P/N: 653292, Left S/N: on 15010986, Right S/N: on 15010983. Left S/N: off 14020001, Right S/N: off 14020002. Timed left and right magneto to 22° per engine data plate, ops check good, no leaks....Tightened all valve cover screws....C/W Left Engine TCM SB 03-3 Differential pressure test and borescope inspection procedures for cylinders....C/W Left Engine TCM SB 95-2 Inspection and maintenance of engine control cables and linkage....C/W Left Engine TCM SB 95-7 Manifold valve cover inspection....Cleaned left engine. Operational and leak checks satisfactory.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 1/15/2016      SIGNED: *Fred Davis*      Work Order: 8473-11-2015  
 Fred Davis, IA: 2832998      Printed by EBIS 3 (datcomedia.com)

→ **Hawkins Jet center** →  
 JACKSON, MISSISSIPPI

N240R      Lt. eng.      Date 4-12-2016      Tac 366.2      Hobbs 286.7

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips XC 20W50. Ground. ran engine. No leaks noted.

Brian Goins AP3738075 *Brian Goins*

→ **Hawkins Jet center** →  
 JACKSON, MISSISSIPPI

N240R      Lt. eng.      Date 6-9-2016      Tac 425.7      Hobbs 335.4

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips XC 20W50. Ground. ran engine. No leaks noted.

Brian Goins AP3738075 *Brian Goins*

→ **HAWKINS JET CENTER** →  
 JACKSON, MISSISSIPPI

N240R      Lt. Engine      Date 8-22-2016      Hourmeter 398.2

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 oil. Washed and grd. ran engine. No leaks noted.

Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

→ **HAWKINS JET CENTER** →  
 JACKSON, MISSISSIPPI

N240R      Lt. Eng.      Date 11-4-2016      Hourmeter 448.4

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8qt. Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. Washed and grd. ran engine. No leaks noted.

Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward					
→ <b>HAWKINS JET CENTER</b> → <small>JACKSON, MISSISSIPPI</small>					
	N240R	Lt Engine	Date 1-12-2017	Hourmeter & Total Time 482.8	
Compression check (1) 72/80 (2) 68/80 (3) 72/80 (4) 74/80 (5) 76/80 (6) 72/80. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 8qts Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. Fuel strainer cleaned. C/W 500hr inspection on magnetos. Replaced contact points and carbon brushes. C/W AD84-26-02 Replaced paper air filter. Torqued rocker box cover screws. Engine washed and ground ran. Operational checks OK. No leaks noted.					
I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Sheldon A Burgess A&P 2159379 IA <i>Sheldon A Burgess</i>					
→ <b>HAWKINS JET CENTER</b> → <small>JACKSON, MISSISSIPPI</small>					
	N240R	Lt. Eng.	Date 4-10-2017	Hourmeter 547.9	
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.					
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>					
→ <b>HAWKINS JET CENTER</b> → <small>JACKSON, MISSISSIPPI</small>					
	N240R	Lt Engine	Date 05-17-17	Hm 602.6	
Drained oil, removed filter and cut oil filter open for inspection. No metal found at this time. Installed new oil filter and serviced engine with 8qts Phillips xc 20w50 oil. Ground run no leaks noted at this time.					
Joshua Speer P 3952535 <i>[Signature]</i>					
→ <b>HAWKINS JET CENTER</b> → <small>JACKSON, MISSISSIPPI</small>					
	N240R	Lt. Eng.	Date 7-28-2017	Hourmeter 651.1	
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.					
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>					
→ <b>HAWKINS JET CENTER</b> → <small>JACKSON, MISSISSIPPI</small>					
	N240R	Lt eng.	Date 9-19-2017	Tach. 864.4	Hourmeter 702.1
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.					
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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10/21/2017 Left Engine Log Book Entry 7 N240R Tach 728.9  
 Checked Left Engine for no spin. Removed cowling to gain access  
 To engine. Checked wiring to starter and all seemed to be airworthy.  
 Removed starter to inspect and check out. Starter was locked and  
 Would not turn. Disassembled start and inside burned up and wiring  
 Melted. Replaced Sky Tec Starter C24ST3 Ser 4C3-031411 with  
 Recommended Sky Tec C24ST4 Serial No H-R081898. Checked all  
 Wiring and ground ran to check all functions and all checked Airworthy.  
 This engine has been determined airworthy and has been returned to service.

*William H. Curtis*

William H. Curtis  
 AP426584444IA  
 One Airport Road  
 Oxford, Ms 38655

→ **Hawkins Jet center** →  
 JACKSON, MISSISSIPPI

N240R Lt. eng. Date 11-13-2017 Tac Hobbs 750.3

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt.  
 Phillips XC 20W50. Ground. ran engine. No leaks noted. *Josh Spaw # 3952535*

→ **HAWKINS JET CENTER** →  
 JACKSON, MISSISSIPPI

N240R Lt Eng. Date 12-19-2017 Hourmeter 789.8

Replaced #4 cyl. heat element. p/n TTP2771-115/50. Replaced lead 01, DWG3014 fused link.  
 Operational check OK.  
 Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

→ **HAWKINS JET CENTER** →  
 JACKSON, MISSISSIPPI

N240R Lt. Engine Date 2-1-2018 Hourmeter & Total Time 811.0

Compression check (1) 74/80 (2) 72/80 (3) 66/80 (4) 65/80 (5) 75/80 (6) 60/80. Changed oil and  
 filter. Inspected oil filter. No metal found. Serviced engine with 8 qts Phillips 20W50 X/C oil. Installed new  
 URHM 38E sparkplugs. Fuel strainer cleaned. Magneto timing checked and adjusted. Pressure tested  
 exhaust system. Engine washed and ground ran. Operational checks OK. No leaks noted.

I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined  
 to be in airworthy condition.  
 Sheldon A Burgess A&P 2159379 IA *Sheldon A Burgess*

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried forward →

→ **HAWKINS JET CENTER** →  
JACKSON, MISSISSIPPI

N240R Lt Engine Date 04-10-18 Hm 865.7

Drained oil, removed filter and cut oil filter open for inspection. No metal found at this time. Installed new oil filter and serviced engine with 8qts Phillips xc 20w50 oil. Ground run no leaks noted at this time.

Joshua Speer P 3952535

→ **HAWKINS JET CENTER** →  
JACKSON, MISSISSIPPI

N240R Engine LT Date 6-1-18 Tach, 909

Changed oil and filter. Inspected filter and found no metal at this time. Filled with 8QTs of phillips xc 20w-50. Ground ran with no leaks noted.

Joshua Speer P#3952535

→ **HAWKINS JET CENTER** →  
JACKSON, MISSISSIPPI

N240R Engine LT Date 8-17-18 Tach. 960.6

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8qts of phillips xc 20w-50. Ground ran ok with no leaks detected at this time.

Joshua Speer P#3952535

→ **HAWKINS JET CENTER** →  
JACKSON, MISSISSIPPI

N240R Engine LT Date 10-9-18 Tach. 1012.7

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8qts of phillips xc 20W-50. Ground ran with no leaks detected at this time.

Joshua Speer P#3952535

**AIRFRAME LOGBOOK ENTRY**

Date	Registration Number	Serial Number	Hours/Hobbs	Cycles
12/17/2018	N240R	3449496	1048.7	UNK

**ACCOMPLISHED THE FOLLOWING REPAIRS:**

- REMOVED AND REPLACED LEFT ENGINE STARTER WITH NEW UNIT, PN ON 646275-1 SN ON H-S112116. OPERATIONAL CHECK SATISFACTORY

I certify that this aircraft has been repaired in accordance with current Federal Aviation Administration Regulations 91.409 (f) (3) and approved for return to service with respect to the work performed.

Authorized Signature: Robert Vandrell Date: 12/17/18  
ROBERT VANDRELL A&P: 3521298

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

Date

N240R

Lt eng.

Date 1-18-2019

Hourmeter 1068.4

ance Record

ne part removal and  
irworthiness Directives,  
Bulletins

Removed magnetos model 6324 s/n 15010983 and 15010986. Installed magnetos model 6324 s/n 18090946 and s/n 18090947. Operational check Ok No leaks noted.

Carried for

Sheldon A Burgess A&P 2159379

*Sheldon A Burgess*

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R

Lt Engine

Date 3-6-2019

Hourmeter & Total Time 1087.8

Compression check (1) 70/80 (2) 68/80 (3) 50/80 (4) /80 (5) 73/80 (6) 58/80. Replaced #4 cylinder with new p/n 658601A2 loaded valve assy. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 8 qts Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. Fuel strainer cleaned. Fuel injector nozzles cleaned. Paper air filter replaced. p/n 638873. Inspected exhaust system. Engine washed and ground ran. Operational checks OK. No leaks noted.

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

Sheldon A Burgess A&P 2159379 IA

*Sheldon A Burgess*

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R

Engine LT

Date 6-4-19

Hobbs. 1160.0

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8Qts of phillips xc 20W-50. Ground ran ok.  
Joshua Speer A&P 3952535

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R

Date 8-19-19

Engine LT

Hobbs. 1215.7

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8QTS of phillips xc 20w-50. Ground ran with no leaks detected at this time.  
Joshua Speer A&P 3952535

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R

Date 10-7-19

Engine LT

Hobbs. 1263.8

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8QTS of phillips xc 20W-50. Ground ran with no leaks detected at this time.  
Joshua Speer A&P 3952535



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	Hours	Min	Hours	Min	

ENGINE MODEL: **Western Airways LFT**  
 ENGINE S/N (L):  
 REG. NO: N240R  
 WORK ORDER: LFT0388-10-2019  
 100 Jim Davidson Dr.  
 Sugar Land, TX 77498  
 Phone: 337-266-8991

DATE: 25 October, 2019  
 A/C TSN:  
 ENG TT (L):  
 HOBBS: 1273.5

**Log Entries**

No fuel flow left engine, won't start.... Removed Inop fuel pump p/n:2B6-88 s/n:11BJ47 and installed fuel pump p/n:2B6-88, s/n: 7AU22 IAW Piper PA-34-220T MM Chapter 28-00-00. Ops and leak check satisfactory.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 25 October, 2019

SIGNED:

Logan Romero, A&P: 4059331

Work Order: LFT0388-10-2019

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→ **HAWKINS JET CENTER** →

JACKSON, MISSISSIPPI

N240R      Date 11-26-19      Engine LT      Hobbs. 1325.7  
 Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8qts of phillips Xc 20W-50. Ground ran with leaks noted at this time.  
 Joshua Speer A&P 3952535

→ **HAWKINS JET CENTER** →

JACKSON, MISSISSIPPI

N240R      Lt. Eng.      Date 12-4-2019      Hourmeter 1331.5  
 Replaced top spark plugs. Installed p/n URHM38S spark plugs.  
 Sheldon A Burgess A&P 2159379

→ **HAWKINS JET CENTER** →

JACKSON, MISSISSIPPI

N240R      Lt. Eng.      Date 3-5-2020      Hourmeter 1380.0  
 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.  
 Sheldon A Burgess A&P 2159379

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

Date

N240R Lt Engine Date 4-7-2020 Hm 1387.1

Carried for

Compression check (1) 66/80 (2) 56/80 (3) /80 (4) 75/80 (5) 71/80 (6) 62/80. Cleaned and gapped spark plugs. Fuel gascolator cleaned. Magneto timing checked and adjusted. Replaced all rocker box cover gaskets. #1,3,& 5 intake drain line seals replaced. Replaced #3 cyl. with new p/n 658601A2 cyl. assy. Pressure tested fuel and exhaust system. Engine washed and ground ran. Operational checks OK. No leaks noted.

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

Sheldon A Burgess A&P 2159379 1A

*Sheldon A Burgess*

Finance Record

engine part removal and Airworthiness Directives, Bulletins

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R Lt. Eng. Date 7-1-2020 Hourmeter 1431.7

Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 8 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.

Sheldon A Burgess A&P 2159379

*Sheldon A Burgess*

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N240R Date 10-2-2020 Engine Left Hobbs. 1493.9

Changed oil and filter. Inspected old filter with no metal found at this time. Filled with 8Qts of phillips xc20W-50. Ground ran with no leaks detected at this time.

Joshua Speer A&P 3952535

*Joshua Speer*