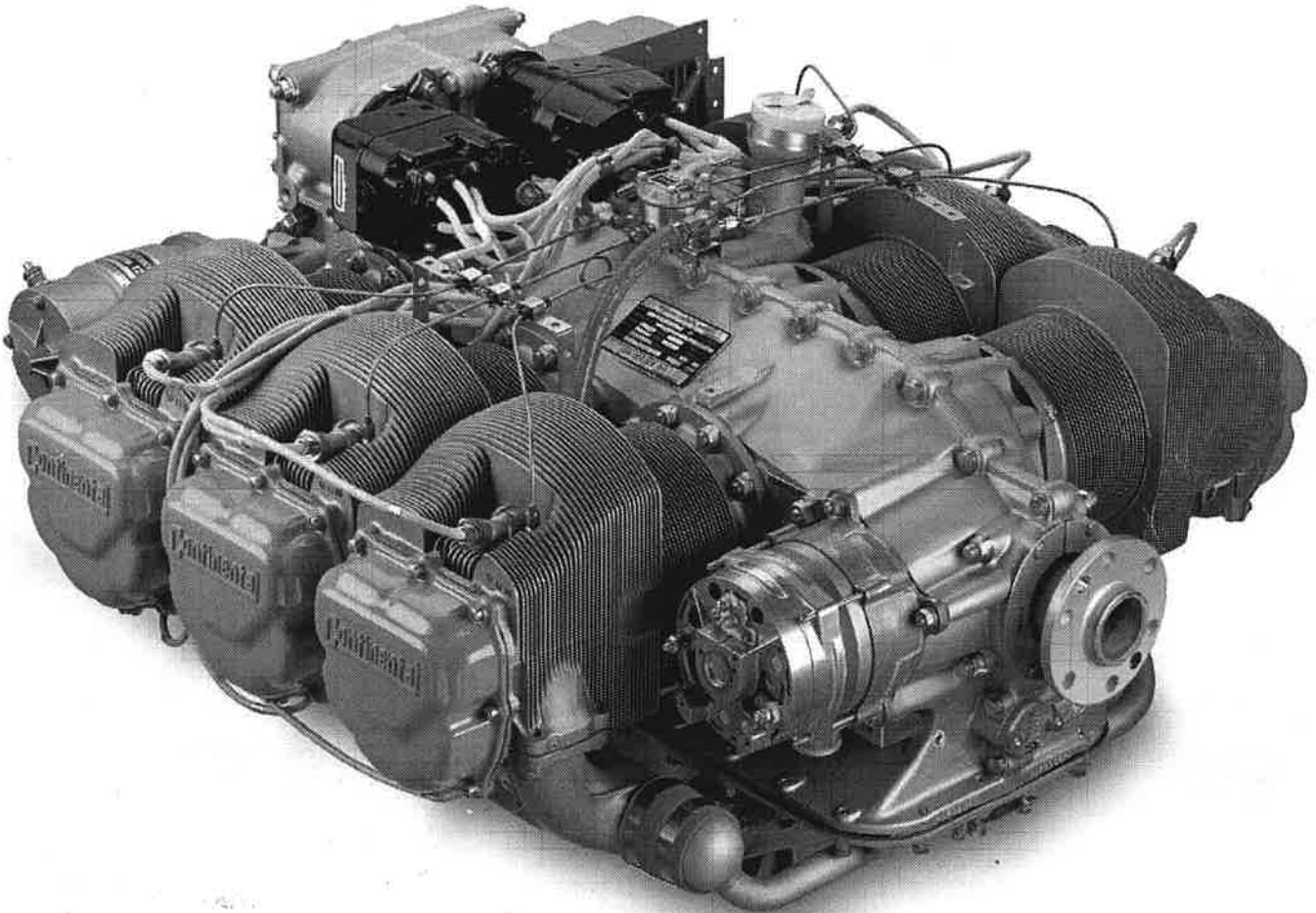


N71MK

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:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

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



Production Certificate 508

Printed: 08/17/2009

Test Date: 08/16/2009

This engine model TSI0520P6B, serial number 1000862 was manufactured 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.

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.	

Make: Teledyne Continental Motors
Model: TSI0520P6
Serial No.: 1000862



Date: 10/06/2009
Tach Time: 1035.2
Total Time: 00.0

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Installed this Factory New, Zero Time Engine in Cessna P210N, S/N P21000590, N71MK with new Lord mounts, bolts, nuts, washers and torqued to specifications. Installed turboGAMIjector kit No. GT14B, S/N 19441 in accordance with STC SE09289SC. Transferred propeller, alternator, turbocharger, over boost valve and controller. Installed an overhauled wastegate and vacuum pumps. Installed overhauled prop governor. Installed new teflon hoses and new air ducts, tubes and hoses as was needed. Cleaned, repaired and painted baffles. Cleaned and inspected exhaust system. Installed new engine air filter element. Serviced engine with 10 qts of Phillips 20W50 X/C oil. Completed ground adjustments and checks, leak check and flight checks. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Ginday
Details of the work performed is on file under Work Order No. 4293

--	--	--	--	--	--

Make: Teledyne Continental Motors
Model: TSI0520P6
Serial No.: 1000862



Date: 11/05/2009
Tach Time: 1039.3
Total Time: 4.1

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Complied with TCM MSB09-8 by removing all intake lifters and verifying P/N 653888 were installed. Reinstalled lifters. Completed ground operational checks and flight checks. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Ginday
Details of the work performed is on file under Work Order No. 4393

--	--	--	--	--	--

Make: Teledyne Continental Motors
Model: TSI0520P6
Serial No.: 1000862



Date: 04/21/2010
Tach Time: 1073.5
Total Time: 38.3

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

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

Work Performed: Completed an **ANNUAL** inspection in accordance with Cessna P210N Maintenance Manual 100-Hour and Annual Inspection checklist. Compression check / 80 psi. #1-76, #2-75, #3-75, #4-74, #5-77, #6-74. Cleaned fuel nozzles. Cleaned, gapped, tested and rotated spark plugs. Installed a new #6 EGT probe. Adjusted air conditioner compressor belt tension. Repaired heat shield behind #1 exhaust stack. Installed a new induction air filter. Changed oil and filter. Serviced engine with Aeroshell W100 oil. Completed ground operational checks and leak check. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Ginday
Details of the work performed is on file under Work Order No. 4511

--	--	--	--	--	--

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	→				

Make: Teledyne Continental Motors
Model: TSIO520P6
Serial No.: 1000862



TCM CUSTOMER SUPPORT CENTER

Date: 08/17/2010
Tach Time: 1097.6
Total Time: 62.4

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M
The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Changed oil and filter. Serviced engine with Aeroshell W100 oil. Lubed throttle and repositioned landing gear warning horn cable. Lubed wastegate with Mouse Milk. Completed ground run checks and leak check. ----END----

Authorized Signature For Repair Station ID4R254M: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4657

Make: Continental Motors
Model: TSIO520P6
Serial No.: 1000862



FACTORY SERVICE CENTER

Date: 05/18/2011
Tach Time: 1157.8
Total Time: 122.6

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Work Performed: Completed an ANNUAL inspection in accordance with Cessna P210N Maintenance Manual 100-Hour and Annual Inspection checklist. Compression check / 80 psi. #1-73, #2-70, #3-70, #4-60, #5-70, #6-70. Cleaned fuel nozzles. Cleaned, gapped, tested and rotated spark plugs. Installed a new exhaust stack assembly on #1 cylinder. Installed a new exhaust coupling on #6 exhaust. Installed new o-rings on wastegate fittings. Installed a new induction air filter. Changed oil and filter. Serviced engine with Aeroshell W100 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature For Repair Station 9CER853B: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4748

Make: Continental Motors
Model: TSIO520P6
Serial No.: 1000862



FACTORY SERVICE CENTER

Date: 6/6/2012
Tach Time: 1203.4
Total Time: 168.2

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Work Performed: Completed an Annual inspection in accordance with Cessna Aircraft Company P210 Series Service Manual 50/100/200/Special Item Inspection Checklist. Cleaned, gapped, tested and rotated spark plugs. Cleaned and painted turbo support brackets. Compression check / 80 psi. #1-68, #2-64, #3-64, #4-64, #5-70, #6-66. Properly seated oil dip-stick tube. Changed oil and filter. Serviced engine with 10 quarts of Aeroshell w100 oil. Completed ground operational and leak checks. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5210

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	→				

1-28-2013 METR Time 1226.7 serviced engine with aeroshell
Mark Bitchley W100 oil 10QT. oil FILTER AA48108-2

Make: Continental Motors
Model: TSIO520P6
Serial No.: 1000862



FACTORY SERVICE CENTER

Date: 8/1/2013
Tach Time: 1259.9
Total Time: 224.7

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Work Performed: Completed an Annual inspection in accordance with Cessna Aircraft Company P210 Series Service Manual 50/100/200/Special Item Inspection Checklist. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-68, #2-66, #3-62, #4-72, #5-68 and #6-74, with a Master Orifice value of 44 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per Table 1. Cleaned fuel nozzles. Cleaned, gapped, tested and rotated spark plugs. Changed oil and filter. Serviced engine with 10 quarts of Aeroshell W100 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5570


3-27-2014	TT 1294.0	serviced engine with 10QT. aeroshell w100 oil filter 48108 Mark Bitchley

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
LOG ID# 7264 10-September-2014 WO# 16541 AC TT 5597.9 HOBBS 3387.2
N71MK S/N P21000590 CESSNA P210N TACH 1325.3 TSNEW 290.1 Pg 1 / 1

Performed annual inspection per O&N Form005 & manufacture's maintenance manual. Performed compression check: Cyl#1- 68/80; Cyl#2- 75/80; Cyl#3- 62/80; Cyl#4- 68/80; Cyl#5- 62/80; Cyl#6- 65/80. Cleaned, gapped and tested all spark plugs and leads. Inspected intake and exhaust. Inspected and lubricated all engine controls. Change oil and filter. Cut open filter and inspect. Checks ok. Serviced with 10 QTS Aeroshell W100 and filter CH48108-1. Removed #2 cylinder assembly and installed new continental cylinder assembly with new pistons and new rings under warranty per TCM. Reassembled intake and exhaust using all new gaskets. Remove and replace engine air filter. C/W Cessna AD 81-23-03 R2 by visual inspection of exhaust system per AD and Cessna SIL SE82-3. No cracks, bulges or defects found at this time. Next inspection due in 50 hours TIS. Checked and complied with all engine ADS. See AD list for details. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Larry G. Kriner 9-10-2014
CRS: WFR798K LARRY G. KRINER Date

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.	



Airline Maintenance Service Inc.
120 Lemons Dr. Tupelo, MS 38801
www.airlinems.com

N71MK Cessna P210N S/N: P21000590 Tach: 1366.5 Hobbs: 3432.8 Date: 10/29/2015
CONTINENTAL TSIO 520P6 S/N: 1000862 AC TT 5639.1 TSNEW: 331.3
 Performed annual inspection IAW Cessna AMM. Performed compression check readings are #1 28/80 #2 64/80 #3 60/80 #4 60/80 #5 4/80. Drain oil removed filter inspected for media contamination none found borescoped engine. Cleaned gapped plugs and tested. Replaced #1 cylinder and #5 cylinder p/n J152873 P/N J152874 Cylinder complete assy overhauled from John Jewell aviation. Installed new filter p/n CH48108-1 added 10 quarts aeroshell 100 mineral oil. Reassembled intake and exhaust with all new gaskets. replaced engine air filter. Cleaned fuel injector reinstalled with new Orings. Visual inspected exhaust no cracks found at this time. Performed engine run and leak check. No discrepancies noted at this time. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be airworthy.

Nicklas Garrett
Nicklas Garrett A&P IA 3108485

1-2-2017					1- complied with Annual inspection IAW Cessna AMM guidelines.
1412.9 Tach					2- complied with AD research with ATP Navigator V revision dated 12-30-2016.
376.7 Snew					3- Checked compression. 1- 70/80, 2- 44/80, 3- 42/80, 4- 42/80, 5- 42/80, 6- 44/80. Per surface test tool lower limit 38/80.
					4- Cleaned, gapped, tested, and rotated sparkplugs.
					5- Changed oil & filter. Serviced with Aeroshell 100W oil and Champion CH48108-1 filter. Inspected removed filter.
					6- C/w A.D. 81-23-03R2 eff date 3-15-82 per para (B)(1)(2). NOT required by type material, Inconel.
					7- new P/n 2361-1 TISBA oil returns check valve.
					8 new P/n BA-8705 induction

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 →

Air filter element installed.

9- De-greased & ground run. No leaks noted.

I certify This engine has been inspected IAW an Annual inspection and is found to be Airworthy. Ret W/D # 2041. RTS 1-2-2017
M Terry 2745381 AP/IA

Gilmer Aviation LLC
 9/5/2017
 N71MK
 9/5/2017
 Serviced Ac and took compression.
 Rickey Gilmer A&P 1955732
Rickey Gilmer

2/26/2018	5712	7			
-----------	------	---	--	--	--

HOBBS
3519.1

GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258
 154 A. Q. GREER DR.
 HOLLY SPRINGS, MS 38635

TACH
1440.1


Cessna P210N N71MK s/n P21000590 Tach: 1440.1 Hobbs: 3519.1 Total Time: 5712.7
 Continental TSIO-520-P6 s/n 1000862 TT ENG: 404.9

Complied with an 100 Hour Inspection this date in accordance with the checklist in section 2 of the Cessna P210 Maintenance manual p/n ML-C-200-80 Rev 1 dated Aug 31, 2017 sub section p/n D2058 Rev 2 dated Jun 3, 1996. Drained oil and changed filter p/n CH48108-1. Refilled oil sump with 10 quarts Aeroshell 100 W. Compression checked as follows: #1 68/80 #2 52/80 #3 25/80 #4 40/80 #5 46/80 #6 49/80. Removed all cylinders for overhaul @ John Jewell Aircraft. Reinstalled cylinders after overhaul in accordance with Continental Engine Overhaul Manual. Torqued cylinders IAW TCM SB96-7B. Installed using gasket sets p/n SA 520-T1. Checked valve clearances and found acceptable .093 - .120. Removed Turbo mount brackets cleaned, inspected and painted with high temp paint. Lubricated throttle cable. Removed and replaced Engine Air filter p/n BA-8705. Inspected all exhaust V-band clamps in accordance with SAIB CE-18-07. Tighten lower aft prop governor nut (loose) and leaking oil. Checked engine timing. Cleaned, inspected and gapped spark plugs, rotated and reinstalled. Cleaned engine compartment and ground run and check for leaks, none noted. Adjusted Manifold pressure to 36.5 "and adjusted fuel pressure down (too high at full throttle) to 186 psi @ full throttle in accordance with TCM SB 96-7B.
 No AD's due at this time.

I certify this engine has been inspected in accordance with a 100 hour inspection and found to be in airworthy condition.

Glen K. Wilson Jr. A&P 3399436 2/26/2018 *Glen K. Wilson Jr* A&P 3399436 IA 2/26/2018

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 →					
5/24/2018					
<div style="border: 1px solid black; padding: 5px;"> GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258 154 A. Q. GREER DR. HOLLY SPRINGS, MS 38635 Cessna P210N N71MK s/n P21000590 Tach: 1448.1 Hobbs: 3529.2 Total Time: 5720.7 Continental TSIO-520-P6 s/n 1000862 TT ENG: 412.9 Drained oil and changed filter p/n CH48108-1. Refilled oil sump with 10 quarts Aeroshell 100 W. Opened filter for inspection and found ok. Repaired #4 CHT wire. Ground run engine and no leaks noted. Glen K. Wilson Jr. A&P 3399436 5/24/2018 <i>Glen K. Wilson Jr. A&P 3399436</i> </div>					
TOTAL TIME A/C	5720	7			
TT SMOH	412	9			
TACH	1448	1			
HOBBS	3529	2			
11/16/2018					
<div style="border: 1px solid black; padding: 5px;"> GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258 154 A. Q. GREER DR. HOLLY SPRINGS, MS 38635 11/16/2018 Cessna P210N N71MK s/n P21000590 tach: 1471.2 TTA/C: 5743.8 Performed compression check as follows: #1 71/80 #2 67/80 #3 70/80 #4 70/80 #5 66/80 #6 61/80 Glen K. Wilson Jr. A&P 3399436 <i>Glen K. Wilson Jr. A&P 3399436 11/16/18</i> </div>					
TTA/C	5743	8			
TT SMOH	436	0			
TACH	1471	2			
HOBBS	3555	5			
3/25/2019					
<div style="border: 1px solid black; padding: 5px;"> GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258 154 A. Q. GREER DR. HOLLY SPRINGS, MS 38635 3/25/2019 Cessna P210N N71MK s/n P21000590 tach: 1490.2 TTA/C: 5762.8 Performed compression check as follows: #1 60/80 #2 72/80 #3 70/80 #4 68/80 #5 41/80 #6 69/80. Troubleshoot oil leak and found outboard oil cooler fitting loose, removed, inspected and tightened fitting and reinstalled oil cooler. Drained oil and changed filter, cut filter open and inspected and found ok. Installed new filter p/n CH48108-1 and add 10 quarts of Aeroshell 100W. Ground run and leak check and no leaks noted. Glen K. Wilson Jr. A&P 3399436 3/25/2019 <i>Glen K. Wilson Jr. A&P 3399436 3/25/19</i> </div>					

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.	
 Thoroughbred Aviation Maintenance, Inc. Engine					
Date: 06/21/2019		Type: Cessna P210N		WO: 193153	
AC: N71MK		AC SN: P21000590		Hobbs: 3580.8	
Tach: 1492.9		AFTT: 5765.5		Engine TT: 457.7	
Engine M/N: TSIO-520-P6B		Engine S/N: 1000862			
<ol style="list-style-type: none"> Ran aircraft to operating temperature and removed top plugs for compressions. Compressions as follows 1-63 2-59 3-72 4-60 5-60 6-66. Removed bottom plugs for cleaning. Cleaned all plugs and test. Ops check good. Reinstalled and torqued with new gaskets P/N: M-674. Drained oil and removed filter. Cut open filter and inspected. No defects noted at this time. Installed new filter P/N: CH48108-1. Torqued and safetied. Installed drain plug with new crush gasket P/N: MS35769-10 and safetied. Serviced engine with 10 qts of Aeroshell W100 oil. Ran aircraft after inspection. Leak checks good. Lubed waste gate as required. Lubed engine controls per checklist. Checked magneto to engine timing. Timing checked good. Mag drops within limits. Cleaned engine and completed post run inspection. No leaks noted. Ops check good. I certify this engine has been inspected IAW an annual inspection per 14 CFR part 43 appendix D and found to be in airworthy condition. Cessna P210N Annual checklist used as a guide. 					
-----End-----					
MAINTENANCE RELEASE The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 193153 Date: 06/21/2019 Signed: James Bailey <i>James Bailey</i> CRS #: R814199Y					