

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Platinum engine model **Teledyne Continental Motors, Inc.** was
manufactured on _____ A Teledyne Technologies Company Continental Motors in

accordance with approved design **Printed: 07/14/2004** applicable requirements of
Part 21 of the Federal Aviation Regulations. The approved design data for

This engine model **I0550N27**, all changes, Serial No. **917295** was manufactured on **07/08/2004**

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.

Thomas H Howard

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

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	→			

8/10/07 Hobbs 501.2 N845LP ENGINE
 Performed an Annual Inspection. Compression Check. #1 68/80 #2 63/80 #3 63/80 #4 64/80 #5 70/80 #6 69/80. The compression check was performed I/A/W Continental SB 03-3. Changed oil and filter. 8 qt. 20W-50 Exxon Elite was added. The plugs were cleaned, gapped and rotated. Checked the mag timing. Replaced the air filter. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2007-15.

TACHOMETER 501.2 TOTAL TIME 501.2
 I CERTIFY THAT THIS (Engine) HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER:
 NO. MD7-11635 + 11637
 DATE 8/10/07 SIGNED [Signature]
 G-FORCE AVIATION, INC.
 AKRON/CANTON AIRPORT
 NORTH CANTON, OHIO 44720
 FAA REPAIR STA. 02892907

8/14/08 Hobbs 564.6 N845LP ENGINE
 Performed an Annual Inspection. Compression Check. #1 72/80 #2 68/80 #3 70/80 #4 70/80 #5 70/80 #6 72/80. The compression check was performed I/A/W Continental SB 03-3. Changed oil and filter. 8 qt. 20W-50 Exxon Elite was added. The plugs were cleaned, gapped and rotated. Checked the mag timing. Replaced the fuel flow transducer. Replaced the inner cylinder baffle support between the #2 and #4 cylinders. Replaced the air filter. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2008-16.

TACHOMETER 564.6 TOTAL TIME 564.6
 I CERTIFY THAT THIS (Engine) HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER:
 NO. MD8-12872
 DATE 8/14/08 SIGNED [Signature]
 G-FORCE AVIATION, INC.
 AKRON/CANTON AIRPORT
 NORTH CANTON, OHIO 44720
 FAA REPAIR STA. 02892907

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	→				

10/1/09 Tach 600.2 N845LP ENGINE

Performed an Annual Inspection. Compression Check. #1 75/80 #2 69/80 #3 70/80 #4 69/80 #5 75/80 #6 68/80. Changed the oil and filter. 8 qt. 20W-50 Exxon Elite was added. The plugs were cleaned, gapped and rotated. Replaced the air filter. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2009-19.

TOTAL TIME 600.2
TACHOMETER 600.2 I CERTIFY THAT THIS (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. M09-13969

DATE 10/1/09 SIGNED [Signature]
G-FORCE AVIATION INC.
AKRON/CANTON AIRPORT
NORTH CANTON OHIO 44720
FAA REPAIR STA. G25R235Y

8/11/10 Hobbs 629.3 N845LP ENGINE

Pilot reported mediate high EGT temp on cylinder #4. Found worn wire at #4 EGT probe. Removed damaged probe and installed new probe pn 14554-001. Also removed and cleaned cylinder #4 fuel injector. Reinstalled injector with new gasket and o ring. Ground ran aircraft, ops check good.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this agency under work order:

No. M10-14560 Date 8/11/10

Signed [Signature] for

G-Force Aviation, Inc.
Akron/Canton Regional Airport
Building #17
North Canton, Ohio 44720
FAA Repair Sta. G25R235Y

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	→				

November 18, 2010 N845LP Tach: 635.8 Engine

Performed an annual inspection. Compression check # 1-62, #2-62, #3-62, #4-60 #5-63, #6-63. Changed oil and filter 8 quarts 20-W50 Exxon oil added. Installed AA-48408 oil filter. Plugs cleaned, gapped and rotated. Replaced air filter. Cleaned fuel screen and lubed controls. Engine alternate air control cable replaced. Engine washed down, ran and checked for operation and leaks.

I certify that this engine has been inspected IAW an annual inspection. Pertinent details of the repairs are on file at this agency under work order # M10-14713.

G-Force Aviation Inc.
Akron Canton Airport
North Canton, Ohio 44720
FAA Repair Station G25R235Y

Dave Sanders

David Sanders

10/24/09 Tach 652.9 N845LP ENGINE

Performed an Annual Inspection. Compression Check. #1 70/80 #2 72/80 #3 66/80 #4 74/80 #5 74/80 #6 72/80. Changed the oil and filter. 8 qt. 20W-50 Exxon Elite was added. The plugs were cleaned, gapped and rotated. Replaced the air filter. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 10/21/2011.

TOTAL TIME 652.9
TACHOMETER 652.9 I CERTIFY THAT
THIS (ENGINE) HAS BEEN INSPECTED IN
ACCORDANCE WITH AN (ANNUAL)
INSPECTION AND WAS DETERMINED TO BE IN
AIR WORTHY CONDITION. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS AGENCY
UNDER WORK ORDER :
NO. 11-15134

DATE 10/24/11 SIGNED Paul Harper
G-FORCE AVIATION INC.
AKRON/CANTON AIRPORT
NORTH CANTON OHIO 44720
FAA REPAIR STA. G25R235Y

Date	Total Time		Time Since Last Overhaul	
	Hrs	Min	Hrs	Min

Engine Service and Maintenance Record

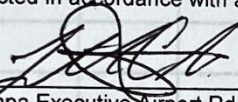
Installations, Inspections, Airworthiness Directives, Special Inspections,



Date: 2/10/2016; Aircraft: N845LP; Type: Cirrus SR22; S/N: 1047; Hobbs: 719.50; Total Time:; Engine - Type: IO-550N (27), S/N: 917295, Time: 719.50

- Removed cowling Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 78/80 #2 60/80 #3 74/80 #4 62/80 #5 72/80 #6 68/80 MO 46/80
- Removed the engine driven fuel pump for outside repair by Great Planes Fuel Metering Inc. reinstalled fuel pump and made adjustments as needed.
- Removed rust from the crankshaft flange. No pitting noted at this time. Applied paint on crankshaft flange as needed.
- Complied with fuel set-up (CMI SID 97-3G).
- Removed and replace LT upper baffle spring as required
- Removed and replaced all spark plugs with new
- R&R # 1 alternator ground wire with new wire p/n 18244-001 as required.
- R&R # 4 cylinder with CMI new cylinder assembly as required.
- Removed and replaced all ignition lead springs with new springs as required
- Removed and replaced connector on RT Mag as required
- Removed and replaced intake tube gasket on #6 cyl with new as required.
- Tightened clamp on #5 intake tube as required.
- No damage noted on #1 fuel injector line. Silicone applied as needed and fuel line adjusted.

I certify this engine has been inspected in accordance with a 100 hour inspection with reference to Cirrus AMM and is found to be airworthy at this time.

Jonathan Coradin  A&P 3502686 IA
 6530 Tampa Executive Airport Rd. Tampa, FL 33610
 Tampa Executive Airport (KVDF) 813-621-7476

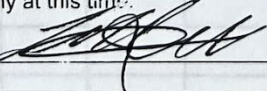


Leading Edge Aviation Maintenance LLC.
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM
 Lakeland FL 33811 813-621-7476

Date: 5/19/2017; Aircraft: N845LP; Type: CIRRUS; S/N: 1047; Hobbs: 739.50; Total Time:; Engine - Type: IO-550N (27), S/N: 917295, Time: 739.50; Prop - Type: PHC-J3Yf-1RF, S/N: FP3010B, Time: 739.50

- Removed cowling. Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up
- Compression Check #1 60/80 #2 56/80 #3 66/80 #4 72/80 #5 68/80 #6 60/80 MO 40/80
- Complied with fuel set-up (CMI SID 97-3G).
- Removed and replaced #5 EGT. No defects found.
- Removed and replaced upper airwofl hose with new and inserted RTV between airwofl hoses and AC lines to prevent rubbing.
- Removed RT mag and replaced with overhauled as required.
- Complied with 300 hr fuel injector service as requested.

I certify this engine has been inspected in accordance with a 100hr inspection with reference to Cirrus AMM and is found to be airworthy at this time.

Jonathan Coradin  A&P 3502686IA

Sarasota Avionics Inc Tampa (TPA) Engine
845 Severn Ave. Tampa, FL 33606
Tail No.: N845LP/Cont./IO-550-N/Serial Number: 917295
Date: 6/1/18 Work Order: M568
Hobbs: 758.7 Engine TTSN : 758.7



I certify that this engine has had an annual inspection IAW FAR43 Appendix D and was determined to be in an airworthy condition and is approved for return for service. All applicable airworthiness directives through 6/1/18 have been reviewed and/or complied with. List in logbook.. Cylinder compressions 1-63, 2-63, 3-70, 4-73, 5-65, 6-66. Performed oil change, serviced engine with 8qts Phillips 20W50 X/C. Cut and inspected old oil filter, no metal found. Cleaned, gapped and tested all spark plugs, checked mag timing, lubed and checked engine controls. Replaced induction air filter. Performed ground run up, all applicable leak and ops checks good.

Steven D. Reifeis A&P35055351A

7/10/19 N845LP CONTINENTAL MOTORS IO-550-N S/N 91725 HOBBS & TT 780.0

COMPRESSION TEST RESULTS #1)68/80 #2)70/80 #3)72/80 #4)74/80 #5)67/80 #6)72/80. OIL AND FILTER CHANGED. FILTER INSPECTED FOR CONTAMINATION, NONE FOUND. SERVICED WITH PHILLIPS 20W50XC AND CH48108-1 FILTER. SPARK PLUGS CLEANED GAPPED AND ROTATED. REPLACED ONE DEFECTIVE URHB32E WITH NEW. RIGHT SIDE EXHAUST HEADER AND COLLECTOR ASSY REPAIRED BY AEROSPACE WELDING UNDER THE FOLLOWING W/O NUMBERS 187030, 187031, 187032 AND 187033. INSTALLED WITH NEW RA628260 GASKETS. REPLACED INDUCTION ELEMENT P/N BA-111. WASH ENGINE, GROUND RUN AND LEAK CHECK OK. AD'S THROUGH 2019-13 CHECKED FOR COMPLIANCE.
W/O 12220

I Certify That This Engine Has Been
Inspected in Accordance With A Annual
Inspection And Determined To Be In An Airworthy Condition
Matthew G Showalter AP35420931A

6/29/2020 N845LP CONTINENTAL MOTORS IO-550-N S/N 91725 HOBBS & TT 796

COMPRESSION TEST RESULTS #1)71/80 #2)68/80 #3)70/80 #4)74/80 #5)70/80 #6)72/80. OIL AND FILTER CHANGED. FILTER WAS INSPECTED FOR CONTAMINATION, NONE FOUND. SERVICED WITH PHILLIPS 20W50XC AND CH48108-1 FILTER. SPARK PLUGS CLEANED AND ROTATED. MAGNETO TO ENGINE TIMING CHECKED. FUEL NOZZLES CLEANED. CLEANED TERMINAL CONNECTORS FOR #5 CHT. RIGGED MIXTURE FOR FULL TRAVEL TO ICO AND FULL RICH. REPLACED INDUCTION ELEMENT P/N BA-24. WASH ENGINE, GROUND RUN AND LEAK CHECK OK. AD'S THROUGH 2020-12 CHECKED FOR COMPLIANCE.

W/O 12310

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

MATTHEW G SHOWALTER AP35420931A
Matthew G Showalter AP35420931A

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.	

8/16/2021 N845LP CONTINENTAL MOTORS IO-550-N S/N 91725 HOBBS & TT 810.9

COMPRESSION TEST RESULTS #1)75/80 #2)73/80 #3)72/80 #4)75/80 #5)76/80 #6)77/80. OIL AND FILTER CHANGED. FILTER WAS INSPECTED FOR CONTAMINATION, NONE FOUND. SERVICED WITH PHILLIPS 20W50 XC AND CH48108-1 FILTER. SPARK PLUGS CLEANED AND ROTATED. MAGNETO TO ENGINE TIMING CHECKED. REPLACED INDUCTION FILTER ELEMENT P/N BA-24. AD 2020-16-11 DOES NOT APPLY BY BUILD DATE. AD'S THROUGH 2021-16 CHECKED FOR COMPLIANCE. W/O 12412

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

MATTHEW G SHOWALTER AP 3542093 IA
Matthew G Showalter AP3542093IA

7/5/2022 N845LP CONTINENTAL MOTORS IO-550-N S/N 91725 HOBBS & TT 821.4

COMPRESSION TEST RESULTS #1)74/80 #2)70/80 #3)72/80 #4)78/80 #5)72/80 #6)75/80 OIL AND FILTER CHANGED. FILTER WAS INSPECTED FOR CONTAMINATION, NONE FOUND. SERVICED WITH PHILLIPS 20W50XC AND CH48108-1 FILTER. SPARK PLUGS CLEANED. MAGNETO TO ENGINE TIMING CHECKED. INDUCTION FILTER ELEMENT REPLACED P/N BA 24. AD'S THROUGH 2022-13 CHECKED FOR COMPLIANCE. GROUND RUN AND LEAK CHECK OK. W/O 12505

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

MATTHEW G SHOWALTER AP 3542093 IA
Matthew G Showalter AP3542093IA


08/15/2022 N845LP CONTINENTAL MOTORS IO-550-N (27)B S/N 917295 HOBBS& TT:825.5

ENGINE REMOVED FROM N845LP FOR FACTORY IRAN

Christopher A Hopkins
Christopher A Hopkins AP 2216069 IA

W/O #12524

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: May 3, 2023	ENGINE MODEL: IO550N27B	ENGINE S/N: 917295	ENGINE TT 825.5
 Continental Services Fairhope, Alabama, USA			
<p>This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled, cleaned, and inspected in accordance with Continental Manual M-16 (revision date of 05/22) and M-0 (01/23). The following serialized items were installed as replacements: magnetos (D22JA493, D22JA462), crankshaft (N13JA078), camshaft (525320-10). Engine assembled in accordance with M-16 and M-0 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable Service Bulletins and Airworthiness Directives have been complied with. This engine has been tested in accordance with procedures listed in M-16 and M-0 and has been accepted. I certify that this engine has been inspected and 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 ES-11215</p>			
<p>Complied with the following Service Bulletins and Airworthiness Directives: CSB05-8D, CSB07-1A, CSB668, M87-23, M93-4, MSB94-8D, SB13-6A, SB19-07, SB653, SB658, SID96-6.</p>			
MECHANIC: <i>Kevin Cook</i>		9CER853B	AUTHORIZATION: <i>Chris B. Bennett</i>

6/23/2023 N845LP CONTINENTAL MOTORS IO-550-N S/N 917295 HOBBS & TT 825.8

ENGINE INSTALLED AFTER REPAIR BY CONTINENTAL SERVICES, WORK ORDER NUMBER ES-11215. REPLACED INDUCTION FILTER ELEMENT P/N BA-24. REPLACED ALL TAILPIPE SUPPORT SPRINGS P/N 51381-001. PROPELLER GOVERNOR P/N C290D3-R/T23 S/N 040643 OVERHAULED BY TIFFIN AIRE. INC WORK ORDER NUMBER 9178. GROUND RUN PERFORMED TO CHECK IDLE SPEED, MIXTURE AND FUEL FLOW. NO LEAKS NOTED AT THIS TIME. AD'S THROUGH 2023-13 CHECKED FOR COMPLIANCE. W/O 12524

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

MATTHEW G SHOWALTER AP 3542093 IA
Matthew G Showalter AP3542093 IA
