



TM

**CONTINENTAL**

A E R O S P A C E   T E C H N O L O G I E S

**ENGINE  
LOG  
BOOK**

Publication ELB-01

JUN 2019

## Service Information

Consult the Continental web site at <http://www.continental.aero> for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

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 for International customers

## Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: <http://www.continental.aero/services/warranty.aspx> or scan the QR Code to the right to navigate to the page:



## Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: <http://www.continental.aero/services/owner-registration.aspx> or scan the QR Code to the right to navigate to the page:



## Engine Returns

Return engines for core credit with this log book to:

**Continental Aerospace Technologies**  
2039 Broad Street  
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

**Continental Services**  
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**



PRODUCTION CERTIFICATE NO. 508

Printed: 4/26/2024


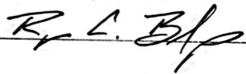

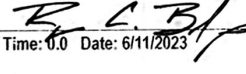
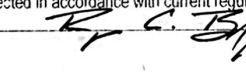


Test Date: 4/24/2024


This engine model, R-I0550D24B serial number 1047187 was rebuilt by Continental Motors in accordance with approved design data and the applicable requirements of 14 CFR, Parts 21 and 43 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*

CONTINENTAL AEROSPACE TECHNOLOGIES, INC.

Form 6012-04 (Rev Sept 2014)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					<p><b>AIR PLAINS SERVICES</b>   CRS: MNYR085K      N7431N      WO: 033055      6/11/2024</p> <p><b>Engine Log</b>  Tach: 0.0    ACTT: 2823.2    TSFRB: 0.0  Installed Continental IO-550-D Engine, 0.0 TOTAL TIME SINCE FACTORY REBUILT into Cessna 182P, N7431N, SN: 18263209 in accordance with AIR PLAINS SERVICES, CORP. STC SA00152WI. Engine serviced with Phillips 20W-50 Type M oil. Reference: FAA Form 337, Dated: 6/11/2024.</p> <p>Engine Serial #: 1047187      LH Mag Serial #: F24BA080  Alternator Serial #: H-Y010931      RH Mag Serial #: F24BA097  Propeller Serial #: PQ212B  Prop Governor Serial #: 230783  Starter Serial #: H-K-272312</p> <p>I certify that this Engine has been inspected in accordance with current regulations and is approved for return to service.  Signed R. Bulger  Inspector: CRS MNYR085K</p>
					<p><b>AIR PLAINS SERVICES</b>   CRS: MNYR085K      N7431N      WO: 033085      6/11/2024</p> <p><b>Engine Log</b>  Tach &amp; TSN: 0.0  Serviced and inspected the engine in accordance with an ANNUAL inspection per 14 CFR Part 43 App D. Performed AD list search on engine and listed all applicable AD's for compliance. Engine ground run and operational checked per the Cessna 182 Series and CMI M-0 Maintenance Manuals. Ops/leak check good.</p> <p>"I certify that this Engine has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition."  Signed R. Bulger  Certificate#: MNYR085K  *WO#: 033085 Tach Time: 0.0 Date: 6/11/2023</p> <p>This Engine was inspected in accordance with current regulations of the FAA and is approved for return to service.  Signed R. Bulger  Inspector: MNYR085K</p>
					<p>      N7431N * CESSNA 182P * S/N: 18263209  TCM * IO-550-D24B * S/N: 1047187  TACH: 30.1 * TTE: 30.1 * SMOH: N/A  AUGUST 07, 2024</p> <p>• DRAINED ENGINE OIL AND OIL SAMPLE TAKEN. REMOVED OIL FILTER, CUT OPEN AND INSPECTED. NO DISCREPANCIES NOTED AT THIS TIME. INSTALLED NEW TEMPEST AA48109 OIL FILTER AND SAFETIED. SERVICED ENGINE WITH 12 QUARTS OF PHILLIPS X/C 20W-50 AVIATION OIL. RAN ENGINE, LEAK AND OPS CHECKED GOOD AT THIS TIME.</p> <p><b>CHRIS EMERSON</b>    A&amp;P 3327248 IA</p>

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



N7431N \* CESSNA 182P \* S/N: 18263209  
TCM \* IO-550-D24B \* S/N: 1047187  
TACH: 70.3 \* TTE: 70.3 \* SMOH: N/A  
SEPTEMBER 11, 2024

DRAINED ENGINE OIL AND OIL SAMPLE TAKEN. REMOVED OIL FILTER. CUT OPEN AND INSPECTED. NO DISCREPANCIES NOTED AT THIS TIME. INSTALLED NEW TEMPEST AA48109 OIL FILTER AND SAFETYED SERVICED ENGINE WITH 12 QUARTS OF PHILLIPS XC 20W-50 AVIATION OIL. RAN ENGINE. LEAK AND OPS CHECKED GOOD AT THIS TIME.

CHRIS EMERSON

A&P 3327248 IA



AIR PLAINS SERVICES  
CRS: MNVRO85K

N7431N

WO: 033102

2/25/2025

Engine Log  
Tach & TSN: 101.0

Serviced and inspected the engine in accordance with the ANNUAL inspection in per 14 CFR Part 43.499 D. Found no AD list search on engine and listed all applicable ADs for compliance. Performed compression check: (1) 78 (2) 76 (3) 73 (4) 77 (5) 78 (6) 78. No oil change performed at this time. Installed new oil sump heater P/N: E2470A. Engine ground run and operational checked per the Cessna 182 Series and CMI M40 Maintenance Manuals. Oil task check: good.

"I certify that this Engine has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition."

Signed R. Bulger  Certificate: MLYRC35K  
WO#: 033102 Tach Time: 101.0 Date: 2/25/2025

This Engine was inspected in accordance with current regulations of the FAA and is approved for return to service.  
Signed R. Bulger  Inspector: MNVRO85K



N7431N \* CESSNA 182P \* S/N: 18263209  
TCM \* IO-550-D24B \* S/N: 1047187  
TACH: 120.8 \* TTE: 120.8 \* SMOH: N/A  
JULY 11, 2025

DRAINED ENGINE OIL AND OIL SAMPLE TAKEN. REMOVED OIL FILTER. CUT OPEN AND INSPECTED. NO DISCREPANCIES NOTED AT THIS TIME. INSTALLED NEW TEMPEST AA48109-2 OIL FILTER AND SAFETYED. SERVICED ENGINE WITH 11 QUARTS OF PHILLIPS XC 20W-50 AVIATION OIL. RAN ENGINE. LEAK AND OPS CHECKED GOOD AT THIS TIME.

CHRIS EMERSON

  
A&P 3327248 IA