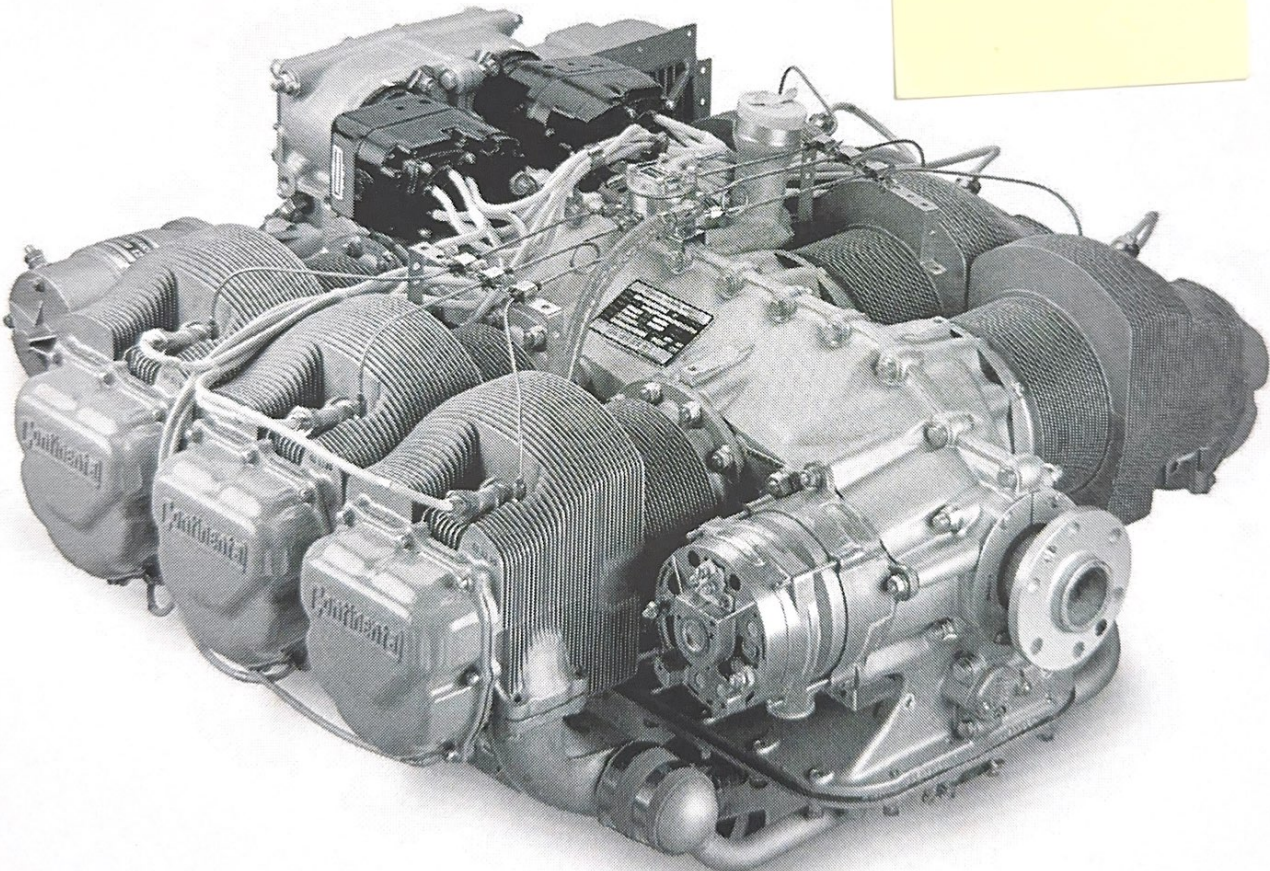


N68RT

#1

ENGINE LOG BOOK

old/closed
11/2010



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:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

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



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 03/27/2003

This engine model I0550B43, serial no. 297496-R was rebuilt/zero timed on 03/26/2003 by Teledyne Continental Motors, Inc. in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates the Service Bulletins and Airworthiness Directives listed in Appendix 1.

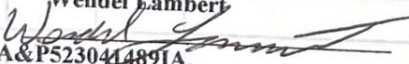
Records reflecting this rebuilding are on file at: **Teledyne Continental Motors, Inc.**

P. O. Box 90
Mobile, Alabama 36601

TELEDYNE CONTINENTAL MOTORS, INC.
PRODUCTION CERTIFICATE NO. 508

C. Ford

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.	
Aug 1, 2003	Tech		1590.1		Install IO-550B-42 engine in accordance with General Aviation Modifications The S.T.C. number SA09852SC in F-33A N68RT Serial Number CE-1629. Ground Run and OP's checked OK. I certify this engine is in Airworthy condition and approved for Return to Service. Shaun Troutman AEP 512641263 I.A.
8-25-03	Tech		1620.4		Changed oil with 12 qts Aeroshell oil 15W50. Replaced oil filter P/N CH48109. Cut open old filter to check for metal. Non Found. <u>James L Thompson II</u> <u>AEP 442942706</u>
10-9-03	Tech		1648.9		Changed oil with 10 qts Aeroshell 15W50 oil. Replaced oil filter P/N CH48109. Cut open old filter to check for metal. Non Found. <u>James L Thompson II</u> <u>AEP 442942706</u>
8-18-04	Tech		1805.5		Changed oil with 10 quarts Aeroshell 15W50, changed oil filter CH48109. no metal found. <u>Shaun Troutman AEP 512641263</u>
9-21-04	Tech		1815.6		COMPRESSION TEST #1-75 #2-70 #3-75 #4-70 #5-70 #6-70. CLEANED AND GARED SPARK-PLUGS. CHECKED ENG TIMING R+R EXHAUST MUFFLERS. LHA R.H. TIGHTEN MIXTURE ROD BELT. R+R EGT PROB PIN 86245. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN 100HR INSP. AND DETERMINED TO BE AIRWORTHY. <u>END</u> <u>Donald Jones</u> <u>AEP 52304489</u>

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 →					
02-10-2005	Tach	1854.3			Changed oil with 12 quarts Aerashell 15W50. Changed Oil Filter PN/48109 Ground run and leak check OK. Michael R. Wolf 2795413A+P
07-6-2005	Tach	1957.1			Changed oil and serviced sump with 12 quarts Aerashell 15W-50. R+R oil Filter P/N- CH48109. ground run leak check Satisfactory. Stamm, Rin A+P 2822642
 FOR UPS SHIPPING ONLY					
NORTH STAR AVIATION INC. DATE 11-1-05 TACH 2027.5 COMPRESSION TEST #1-75, #2-69, #3-74, #4-72, #5-68, #6-70 COLD CLEANED AND GAPPED PLUGS. CHECKED ENG TO MAG TIMING. CHANGED OIL WITH 10 QTS AEROSHELL 15W50 AND FILTER CH48109-1 FILTER. REPLACED THROTTLE BOLT. COMPLIED WITH ALL AD'S THIS DATE (SEE LIST). I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN 100HR INSP. AND DERERMINED TO BE AIRWORTHY. Wendel Lambert  A&P5230414891A.					
1-12-06		2090.4			Changed oil with 11 qt Aerashell 15W50 oil R+R oil Filter with NEW CH48109-1 Filter leak ck OK Wendel Lambert A&P523041489.
5-19-06	Tach	2140.0			Changed oil with 10 qts Aeroshell 15W50, changed Filter PN-CH48109 oil Filter and checked old Filter for metal. All ok. Run-up leak check OK. Stamm, Rin A+P 2822642.
8-2-06	Tach	2193.2			Changed oil with 10 qts Aerashell 15W-50 R+R oil filter PNCH48109-01. Cut open old Filter no metal found Run up and leak check OK. Michael R. Wolf A+P 2795413

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	→				
11-14-06	TACH	2246.3			CHANGED OIL with 10QTS AEROSHELL 15W50 R+R OIL FILTER P/N CH48109-01 NO METAL FOUND Run-up OK. - END - <i>Wendel Lambert</i> A&P 523041489.

NORTH STAR AVIATION INC.

DATE 9-1-06 TACH 2201.7 COMPRESSION TEST 1-70,2-66,3-70,4-67,5-70,6-75. R&R SPARK-PLUGS P/N RHB32E. CHECKED ENGINE TO MAG TIMING. COMPLIED WITH ALL AD'S THIS DATE (SEE LIST). I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN 100HR INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. -----

WENDEL LAMBERT

Wendel Lambert
A&P 523041489.

12-31-07	Tach	2454.4			Changed oil with 8qts Aeroshell 15w50 R+R Oil Filter P/N CH48109-01 Checked for metal in old oil filter none found. Run up leak check OK. <i>Wendel Lambert</i> A&P #3083483
3-26-08	Tach	2494.4			Changed oil with 12qts Aeroshell 15w50 Changed oil filter P/N CH48109-01 No metal found Run-up leak check OK. <i>Wendel Lambert</i> A&P 3083483

NORTH STAR AVIATION INC.

DATE 11-1-07 TACH TIME 2404.7 PREFORMED 100HR INSPECTION AS PER CONTENTAL SERVICE MANUAL. COMPRESSION TEST #1-71, #2-65, #3-71, #4-60, #5-71, #6-70. CHANGED OIL WITH 10QTS 15W50 AEROSHELL. REPLACE OIL FILTER WITH NEW CH48109-1. COMPLIED WITH ALL AD'S THIS DATE (SEE AD LIST). I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN 100HR INSPECTION AND DETERMINED TO BE AIRWORTHY. -----END-----

WENDEL LAMBERT

Wendel Lambert
A&P 523041489.

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

NORTH STAR AVIATION INC.

DATE 4-8-08 TACH TIME/TT 2494.8 CHANGED OIL WITH 12QTS AEROSHELL 15W50.
 R&R OIL FILTER WITH NEW CH48109-1. GROUND RUN AND LEAK CHECK OK.
 WENDEL LAMBERT

[Signature]
 A&P523041489
 N68RT

NORTH STAR AVIATION INC.

DATE 5-27-08 TACH 3534.1 CHANGED OIL WITH 10QTS 15W50 AEROSHELL OIL
 CHANGED OIL FILTER WITH NEW CH48109-1. GROUND RUN AND LEAK CHECK OK.
 WENDEL LAMBERT

[Signature]
 A&P523041489
 N68RT



Air Plains Services
 Wellington Airport
 Wellington, KS 67152
 CRS # MNYR085K

Work Order #: 031147
 N#: 68RT
 Tach: 2886.1
 Date: 7/01/10

Engine Log

Removed and replaced #6 cylinder with new Teledyne Continental cylinder assembly kit, SN: AC09FA275, in accordance with TCM Engine Maintenance Manual. Cylinder assembly kit includes cylinder, piston ring, valves, valve springs, rocker shafts and gaskets. Connecting rod removed and replaced after rebush and inspection by Custom Air motive. Installed a new Piston Pin and new bearing on the #6 rod.

Oil drain and filter opened for inspection. Installed new CH48109-1 oil filter and serviced the engine with Phillips 20W50 Non Detergent oil. Replaced the vacuum system filters
 Engine washed, ground run and operational checked per TCM SB M89-7R1 and approved for return to service

This Engine was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed

[Signature]

Inspector

09/20/2010

Tach 2925.8

Removed engine for overhaul by
 Custom Air motive.
[Signature] A&P 3403472

