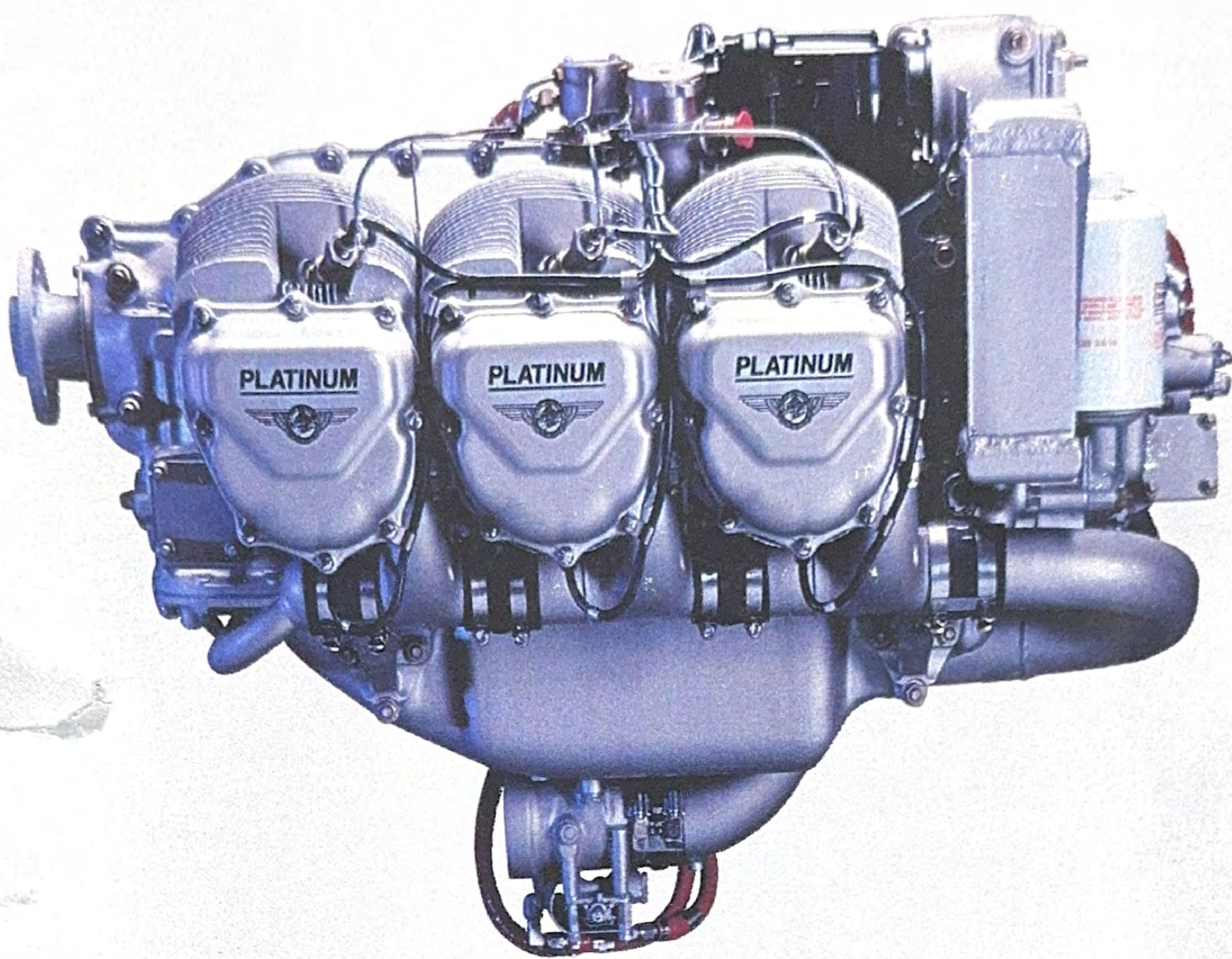


# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS



# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

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



Platinum engine model \_\_\_\_\_, Serial No. \_\_\_\_\_ was  
manufactured by **Teledyne Continental Motors, Inc.** 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.

This engine model **TSI0550C9**, Serial No. **914377** was manufactured on **11/14/2005**  
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.



**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508







Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Date 1/23/07 Hobbs 128.8 Performed 100 Hr Engine Inspection  
 IAW Columbia 400 Inspection Checklist as follows: Compression  
 Check Cyl. #1 70/80 #2 67/80 #3 62/80 #4 60/80 #5 61/80 #6  
 68/80. Drained Oil & performed Oil Analysis Sample. Serviced  
 with 8 quarts Exxon Elite 20w50. Cut & Inspected Oil Filter. No  
 Metal Present. Installed New CH48108-1 Oil Filter. Installed New  
 BA-345E Air filter. Checked Magneto Timing @ 24 Degrees  
 BTDC. Cleaned, regapped, and inspected spark plugs. Inspected  
 Exhaust & turbos. Torqued Turbo clamps. Inspected both  
 Alternators and Starter. All good condition. Inspected Propeller Hub  
 and blade assy's. Good Condition. Dressed Propeller Blade leading  
 edges. Cleaned Fuel Injector nozzles in Ultrasonic cleaner &  
 reinstalled. Installed Tanis Preheater System P/N TAS100-12 S/N  
 40125 & Tanis Pilot light. Installed new Oil Cooler Assy.  
 Performed Engine Run-up & Leak Check Completed.

I hereby certify that this ~~(Aircraft/Airframe)~~ Engine has been thoroughly inspected as per existing  
 F.A.R.'s in accordance with an ~~(Annual)~~ 100 HR ) inspection and found to be in an airworthy condition.  
 Hobbs/Tach Time 128.8 hrs. A/C Total Time 128.8 hrs.  
 Time S.M.O.H. — hrs. Engine Total Time 128.8 hrs.  
 Date of Prop. O.H. ~~New~~ 12-12-05 Time S.P.O.H. 128.8 hrs.  
 Next Annual Inspection Due JANUARY 2008  
1/23/07 William J. La AXP 3158582  
 Date Signature & License Number  
 Willmar Air Service, Inc. PO Box 1077 Willmar, MN 56201  
 320-235-4844

27 March 2007. Hobbs 159.6. Changed oil and filter. Serviced with 8 quarts Aeroshell 15w50, Ch48108-1 filter  
 Paul A. Slaughter, AP 2787643. *Paul A. Slaughter*

31 August 2007. Hobbs 187.5. Changed oil & filter. Serviced with 8 quarts AeroShell 15w50, CH48108-1 filter.  
 Paul A. Slaughter, AP 2787643. *Paul A. Slaughter*



# Engine Service and Maintenance Record

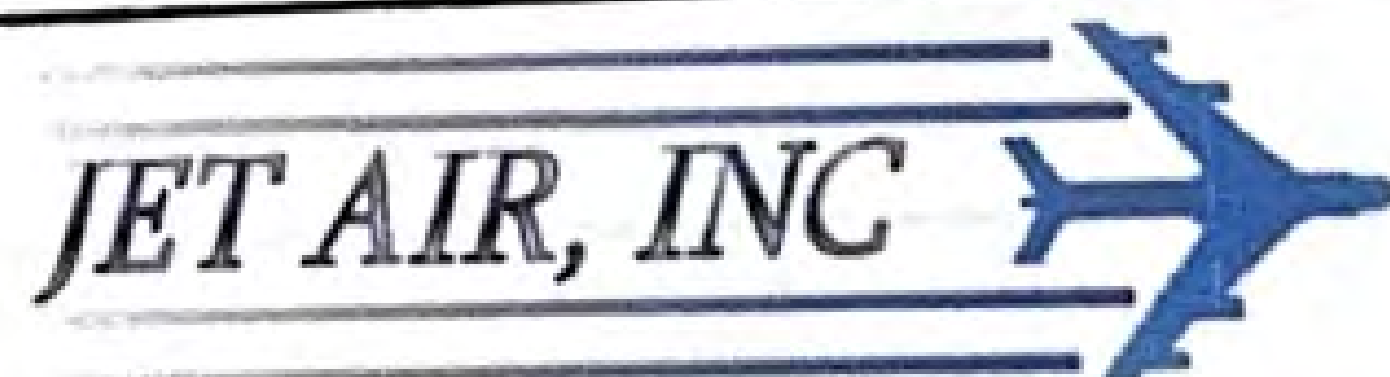
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

1-18-2008 Hobbs 224.9. 100hr engine inspection as follows.  
 Compressions: #1 59/80, #2 58/80, #3 50/80, #4 64/80, #5 62/80, #6 64/80.  
 Drained oil and serviced with 8qts Aeroshell 15w-50. Removed old oil filter  
 cut and inspected-no metal present. Installed new CH48108-1. Inspected  
 magnetos and checked timing at 24 degrees BTDC. Cleaned, inspected, and  
 gapped spark plugs. Inspected starter and alternator-both ok. Installed new  
 BA-345 air filter. Inspected blades, hub, spinner and dressed blades.  
 Inspected exhaust and turbos-ok. Installed new oil cooler P/N 654580 from  
 Teledyne Continental Motors. Washed engine and lubed controls. Run-up  
 and leak check-ok.

I hereby certify that this (Aircraft / Airframe / Engine) has been thoroughly inspected as per existing  
 F.A.R.'s in accordance with an (Annual / 100 HR) inspection and found to be in an airworthy condition.  
 Hobbs / Tech Time 224.9 hrs. A/C Total Time 224.9 hrs.  
 Time S.M.O.H. 12-12-2005 hrs. Engine Total Time 224.9 hrs.  
 Date of Prop O.H. / New January 2009 Time S.P.O.H. New 224.9 hrs.  
 Next Annual Inspection Due 1-18-08 Signature Andy Riese License Number A-P 3162881  
 Date 1-18-08 Willmar Air Service, Inc. 6600 HWY 40 West Willmar, MN 56201  
 320-235-4844



Date: 1/22/2009; Aircraft: N1266Y  
 CONTINENTAL TSIO-550-C (9) S/N:914377 T.T:280.7 WORK ORDER#00008  
 I certify that this engine has been inspected in accordance with an 100 HR INSPECTION per  
 Columbia 400 checklist. Checked engine mounts and cradle. Checked electrical systems and  
 harness. Checked engine accessories. Checked lines, tubing, and hoses. Checked turbo and  
 induction system. Cleaned all injectors. Checked and lubricated engine controls, Checked  
 engine baffling and cowling. Change oil and filter. Serviced with Aeroshell 15W50 oil and a  
 CH48108-1 filter. Removed all spark plugs, cleaned, gapped, tested all spark plugs, rotated and  
 then reinstalled. Checked timing. Removed slop controller S/N:JDN00363 and installed new  
 P/N:646318-4 S/N:LLN00127 by TCM under w/0#P80761 This was done under TCM  
 WARRANTY.  
 Compression test: ☐ 1) 60/80 2) 70/80 3) 60/80 4) 70/80 5) 65/80 6) 70/80  
 all readings are in spec's per TCM Service Bulletin SB0-0-3  
 Washed engine and performed engine run-up and set up per Continental Overhaul Manual, no  
 leaks noted.

Checked and Complied with A. D. 's up to this date  
 I certify that the above stated maintenance and /or inspection was performed in accordance with  
 the current regulations of the Federal Aviation Administration and is airworthy for return to  
 service.

Date 1-22-2009 Signed, Jim Osting  
 for Jet Air Inc. CRS # JAFR110F Galesburg, Illinois 61401





*The Standard*

# **ENGINE LOG**

**ASA-SE-2**



## Engine Record General Information

Manufacturer Continental Model \_\_\_\_\_

Serial \_\_\_\_\_ Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft: Columbia (Cessna) 400

Minimum Octane Fuel \_\_\_\_\_ Oil Grade Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours







[illegible]



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-3-09	303.7	2.1	303.7	KDUH - KLRD - MMAN
7-5-09	305.4	1.9	305.4	MMAN - KBRD - MMAN
7-9-09	306.3	0.7	306.3	MMAN - KMFE
7-9-09	307.8	1.5	307.8	Training IFR Erasmo Malacra KMFE
7-10-09	309.4	1.8	309.4	Training IFR Erasmo Malacra KMFE
7-12-09	310.9	1.3	310.9	KMFE - KBRD - MMAN
7-22-09	312.3	1.4	312.3	MMAN - KMFE - MMAN
7-24-09	317.5	5.2	317.5	MMAN - KMAF - KCOS - KEGE
8-2-09	322.7	5.2	322.7	KEGE - KCOS - ZFS - MMAN
8-13-09	323.3	.6	323.3	MMAN - KMFE
8-14-09	330.4	7.3	330.4	Training IFR Erasmo Malacra KMFE
8-17-09	331.5	.9	331.5	KMFE - KBRD - MMAN
8-26-09	334.9	3.4	334.9	MMAN - KMFE - MMAN Training IFR E Malacra
9-5-09	336.4	1.5	336.4	MMAN - KMFE - MMAN

YEAR 20____ DATE	RECORDING TACH TIME



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



# **LEFT ENGINE**

8/13/09  
REG. NO.: N1266Y  
MODEL: TSIO550  
S/N: 914377

McCREERY AVIATION CO., INC.  
P.O. BOX 1659  
McALLEN, TX 78505

HOBBS: 323.3  
ETT: 323.3  
W.O: 2009-10968

- ➔ DRAINED ENGINE OIL, REMOVED OIL FILTER AND CUT OPEN, NO METAL FOUND, INSTALLED NEW FILTER CH48108-1, SERVICED ENGINE WITH 8 QTS. EXXON 20W-50.
- ➔ WASHED ENGINE, GROUND RAN, OPS. OK.

THIS AIRFRAME AND/OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: 2009-10968.

DATE: 8/13/09

SIGNED: \_\_\_\_\_

ANTHONY PRATS

McCREERY AVIATION CO., INC.  
FAA REPAIR STATION CRSHLFR716E  
McALLEN, TX 78503




[illegible]



[illegible]



[illegible]



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ENGINE**

1/05/10

REG. NO.: N1266Y

MODEL: TSIO-550-CB

S/N: 914377

HOBBS: 394.9

ETT: 394.9

- COMPLIED WITH AN ANNUAL INSPECTION IAW COLUMBIA 400 MAINTENANCE MANUAL AND INSPECTION CHECK LIST.
- DRAINED ENGINE OIL, REMOVED OIL FILTER AND CUT OPEN, NO METAL FOUND, INSTALLED NEW FILTER P/N: CH48108-1 AND SERVICED ENGINE WITH EXXON 20W50 OIL.
- CLEANED AND INSPECTED FUEL NOZZLES.
- CLEANED AND GAPPED SPARK PLUGS AS REQUIRED
- COMPLIED WITH 100, 200, 300, 400, 12, 18 AND 24 MONTH SPECIAL INSPECTION ITEMS.
- C/W SB 95-2 INSPECTION AND MAINTENANCE OF ENGINE CONTROL CABLES AND LINKAGE
- C/W SB 653 HOT MAGNETO TEST
- C/E SB 03-3 DIFFERENTIAL PRESSURE TEST AND BORESCOPE INSPECTION PROCEDURES FOR CYLINDERS.
- C/W SB 08-13 INDUCTION SYSTEM HOSE AND CLAMP INSTALLATION
- C/W SB 10-1 EXHAUST AND TURBOCHARGER SYSTEM INSPECTION
- C/W MSB94-8D MAGNETO TO ENGINE TIMING
- CLEANED AND REINSTALLED INDUCTION FILTER
- COMPLIED WITH ALL APLICABLE AD'S AND BI-WEEKLY THRU 2006-11

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 1/05/10

SIGNED: \_\_\_\_\_

ANTHONY PRATS 5237759501A



[illegible]



YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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## McCREERY AVIATION CO., INC.

AVIONICS DEPARTMENT

McALLEN MILLER INTERNATIONAL AIRPORT

P.O. BOX 1659 • McALLEN, TEXAS 78505 2400 S. 10<sup>TH</sup> ST. • McALLEN, TEXAS 78503  
956-686-1774 FAX 956-686-3221 AVIONICS@MCCREERYAVIATION.COM

DATE: 25 JUNE 2010  
REG. NO.: N1266Y  
MODEL: CESSNA 400  
S/N: 41587

TACH/FHM: 401.9  
ACTT: 410.9  
W.O. # 2010-12039

1. COMPLIED WITH SB10-34-01: GARMIN G1000 SYSTEM SOFTWARE UPGRADE TO GDU 9.05, V534.13.

THE AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, DETERMINED TO BE IN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER NUMBER.

SIGNED: 

CHARLES A. REA  
FOR FAA REPAIR STATION HLF716E




YEAR 20 <u>10</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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7-23-10 414.4 1.4 414.4 MMAN - KSAT

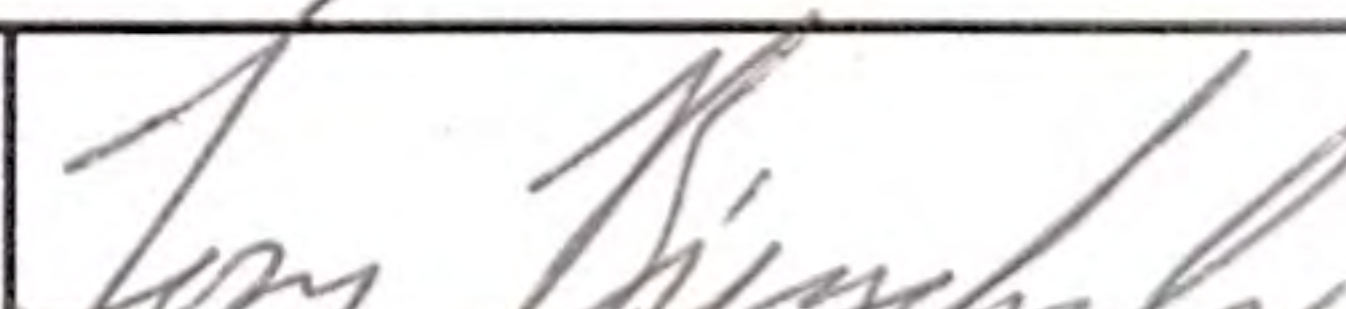


Leading the Business of Aviation

		 Leading the Business of Aviation			
Registration	N1266Y	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 Phone (210) 384-3388 Fax (210) 384-3394		Hour Meter	414.6
Model No.	LC41550FG			Total Time	--
Serial No.	41587			Landings	--
				PAGE 1 OF 1	

1. REINSTALLED THROTTLE/METERING UNIT AND FLOW DIVIDER AFTER REPAIR BY CRS #BU2R729K. ADJUSTED ENGINE FUEL SYSTEM PRESSURES USING AEROTEST UNIT IAW TCM SID97-3E AND TCM TSIO550 PERMOLD MAINTENANCE AND OVERHAUL MANUAL SECTION 6. GROUND RUN AND OPS CHECKED GOOD.
2. INSTALLED NEW RIGHT NAV LIGHT LENS P/N 68-4230020-40.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under **Work Order: 11M-1293**

Date:	24 August 2010	Authorized Signature:		Tom Bierschwale AP 3439957
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8-25-10 416.0 1.4 416.0 KSAT - MMAN



[illegible]







[illegible]



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ENGINE  
2/17/11  
REG. NO.: N1266Y  
MODEL: TSIO-520  
S/N: 914377

HOBBS: 446.50  
ETT: 446.50

- ADJUSTED RPM'S AS REQUIRED
- CLEANED AND INSPECTED FUEL INJECTORS, REPLACED O-RINGS AS REQUIRED
- REMOVED AND REINSTALLED MAGNETOS AFTER OVERHAULED BY QUALITY, 8130'S ATTACHED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 2/17/11

SIGNED:

ANTHONY PRATS A&P3263131

REG. NO.: N1266Y  
MODEL: TSIO-550-CB. S/N: 914377

ETT: 462.9  
HOBBS: 462.9

- REINSTALLED FUEL PUMP P/N: 649368-44A4 S/N: B05JA132 AFTER REPAIRS BY CRS HK2R875K UNDER W.O: 23970.
- REINSTALLED CONTROL VALVE P/N: 656785-2 S/N: A05KA025 AFTER REPAIRS BY CRS HK2R875K UNDER W.O: 23970

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED:

ANTHONY PRATS 5237759501A 5/15/2011

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT
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4912 S  
N1266Y H.J

PERFORMED A 100 HOUR/ANNUAL IN  
TEST: #1 60 #2 67 #3 51 #4 67 #5 52  
FILTER MEDIA. SERVICED WITH NEW C  
MANUFACTURE DATE AND NO LIFTER  
INSTALLED. NOTE THAT TCM SB10-8 A  
NO LEAKS NOTED AFTER SATISFACTORY  
I CERTIFY THIS ENGINE HAS BEEN INSPE  
PERTINENT DETAILS OF THE REPAIRS A

DAVID R. JONES  
INSPECTOR

*David R. Jones*

07-06-11	471.3	2.0
07-12-11	473.3	2.0
07-16-11	475.1	1.8
07-19-11	477.3	2.0
08-04-11	479.4	2.1
08-13-11	481.2	1.9
08-29-11	484.4	5.1



Tests, Repairs and Alterations  
Rating and Certificate Number of  
(See back pages for other specific entries.)

HOBBS: 446.50  
ETT: 446.50

AS REQUIRED  
MAILED BY QUALITY, 8130'S

CURRENT FEDERAL AVIATION  
S APPROVED FOR RETURN TO

ETT: 462.9  
HOBBS: 462.9

HK2R875K UNDER W.O.

CRS HK2R875K UNDER

ANNUAL INSPECTION IN  
TERMINED TO BE IN

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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# Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

**N1266Y H.M. 469.1 TOTAL 469.1 DATE 07/06/2011 W.O. SV2451**

ENGINE: TCM MODEL: TSIO-550-C(9) SERIAL: 914377

PERFORMED A 100 HOUR/ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 400MM00. COMPRESSION TEST: #1 60 #2 67 #3 51 #4 67 #5 52 #6 68/80. INSTALLED NEW INDUCTION FILTER BA345E. OIL AND FILTER CHANGED, NO DEFECTS NOTED IN REMOVED OIL FILTER MEDIA. SERVICED WITH NEW CH48108-1 OIL FILTER AND 7 QUARTS EXXON ELITE 20W50 OIL. NOTE THAT TCM MSB09-8 IS NOT APPLICABLE DUE TO ENGINE MANUFACTURE DATE AND NO LIFTER REPLACEMENT. NOTE THAT TCM MSB10-3 AND KELLY MSB039A ARE NOT APPLICABLE DUE TO NO KELLY REBUILT TURBOS INSTALLED. NOTE THAT TCM SB10-8 AND HARTZELL MSB040A ARE NOT APPLICABLE DUE TO BOTH TURBO SERIAL NUMBERS AND TIME IN SERVICE OF BOTH TURBOS. NO LEAKS NOTED AFTER SATISFACTORY ENGINE GROUND RUN. AD'S CHECKED THROUGH BIWEEKLY 2011-14.  
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

DAVID R. JONES  
INSPECTOR

07-06-11	471.3	2.2	471.3	KGYK - MMAN
07-12-11	473.3	2.0	473.3	MMAN - KMFE - 677 - MMAN
07-16-11	475.1	1.8	475.1	MMAN - KB70 - MMAN
07-19-11	477.3	2.2	477.3	MMAN - KL70 - MMAN
08-06-11	479.4	2.1	479.4	MMAN - KMFE - KB70 - MMAN
08-13-11	481.3	1.9	481.3	MMAN - KMFE - KB70 - MMAN
08-29-11	484.4	5.1	484.4	MMAN - KDAL - MMAN



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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09-09-11	489.2	2.8	489.2	MMAN - KMFE - KSAT - MMAN
09-18-11	493.5	4.3	493.5	MMAN - KSAT - MMAN
09-19-11	494.8	1.3	494.8	MMAN - KLID - MMAN
09-27-11	496.2	1.4	496.2	MMAN - MMMV - MMAN
10-21-11	497.5	1.3	497.5	MMAN - MMNL - MMAN
10-24-11	498.5	1.0	498.5	MMAN - KMFE - MMAN
11-08-11	502.7	4.2	502.7	MMAN - KMFE - KBYG - MMAN
11-21-11	504.1	1.4	504.1	MMAN - KMFE - MMAN
12-08-11	505.4	1.5	505.4	MMAN - KMFE - MMAN
12-21-11	507.0	1.4	507.0	MMAN - MMMV - MMAN

JAN 2, 2012 E.T. 507.0

C/W 25HR ENGINE INSPECTION.

REPLACED ENGINE OIL WITH 9 QTS. OF  
ELIXON ELITE  
20W50

REPLACED OIL FILTER PINCH

48108-1. C/W ENGINE RUN AND LEAK CKS.

*Cludio Aguiar*

583-36-9829 RVP

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT
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4580 Claire Chennau  
(972) 931-0345 Tel  
Email: mx@mona

Date: 3/19/2012; Air

Completed inspecti  
Corvall Pre-Purch

Removed all eng  
Torqued to mar  
harness, EGT  
security. Insta  
baffles arou  
Installed low  
with Teled  
Sublet Se  
Descripti  
Perform

Drain  
and  
Bull



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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4580 Claire Chennault Addison, TX 75001  
 (972) 931-0345 Tel (972) 931-0450  
 Email: mx@monarchair.com

Date: 3/19/2012; Aircraft: 1266Y; S/N: 41587; 2006

Completed inspection per checklist provided by the customer. All discrepancies were given to the customer. IAW Cessna Corvall Pre-Purchase inspection.

Removed all engine cyl (1-6) for overhaul. Ref G & N Aircraft WO # 68452. Installed all cyl using new gaskets and orings. Torqued to manufactures specs Ref Continantal TSIO-550 overhaul manual. Route and secured ignition leads,CHT harness,EGT harness and preheater harness on left and right side of engine. Inspected and checked all hoses for routing and security. Installed after coolers,intake pipes and engine baffling. Sealed air gaps in baffling around after coolers and forward baffles around cylinders and accessories as required. Performed engine ground run for leaks. No leaks found at this time. Installed lower cowling for preparation of engine cylinder break-in run. Performed engine cylinder break-in run in accordance with Teledyne Continental Service Bulletin M89-7R1.

Sublet Service Completed: 2/16/2012

Description: Repair As Needed

Performed By: G And N Aircraft PO #: PO-12250

Drained oil,removed filter,cut and inspected filer for metal contamination. No metal contamination found at this time. Installed and safetied new filter P/N CH48109-1. Serviced engine with Aeroshell 100 mineral oil as per Teledyne Continental Service Bulletin M89-7R1. Performed engine ground run. No leaks found at this time.

Above listed maintenance and/or inspections completed by Monarch Air repair station MNRG501R under below referenced work order(s).

Date: 3/19/12 Work Order: SO-13399 Total Time: 515.4

I certify that the above repairs are airworthy and that the aircraft is approved for return to service.

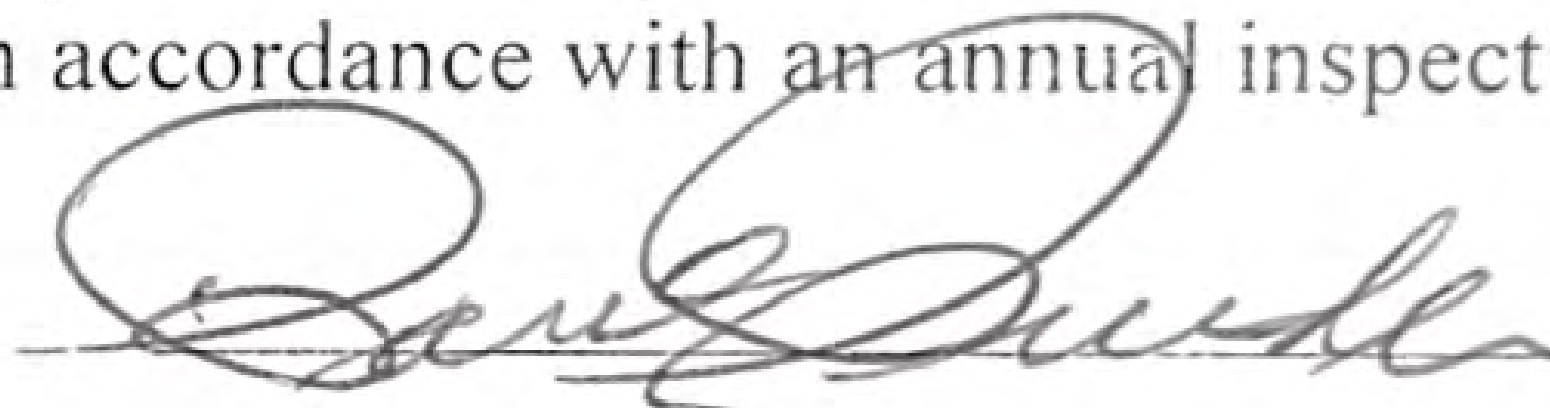
Signed

CRS MNGR501G



YEAR 20 DATE	RECORDING TA TII	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
		Date: 7/20/12 Tach: 550.3	Continental Model: TSIO-550-C S/N: 914377	

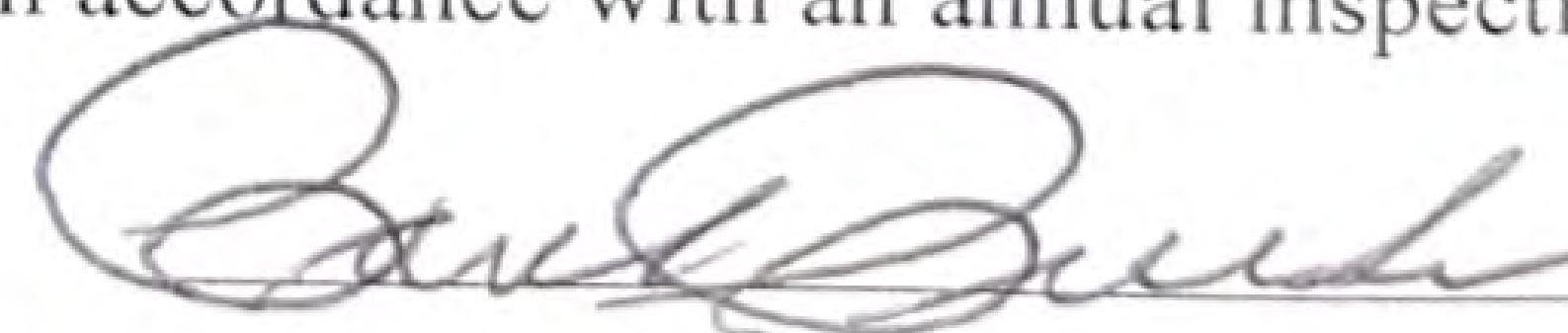
Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=78, #2=78, #3=76, #4=77, #5=76, #6=76.  
 Changed oil & filter p/n: CH48109-1, filter inspection normal, svcd w/Aeroshell Mineral 100.  
 Plugs cleaned, checked and rotated. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal.  
 All Airworthiness Directives checked for compliance through 2012-14.  
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

 IA#2106952

Date: 8/07/13  
Tach: 612.9

Continental Model: TSIO-550-C  
S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=78, #2=78, #3=78, #4=76, #5=76, #6=78.  
 Changed oil & filter p/n: CH48109-1, filter inspection normal, svcd w/Aeroshell 15W-50.  
 Plugs cleaned, checked and rotated. Nbr. 6 plug lower replaced. Timing checked. Controls checked and lubricated. Air filter replaced. Replaced right alternator and drive p/n: 646843/646655. Run-up and leak check normal.  
 All Airworthiness Directives checked for compliance through 2013-14.  
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

 IA#2106952

YEAR 20 DATE	Date: 9/12/14 Tach: 660.1

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=78, #2=78, #3=76, #4=77, #5=76, #6=76.  
 Changed oil & filter p/n: CH48109-1, filter inspection normal, svcd w/Aeroshell Mineral 100.  
 Plugs cleaned, checked and rotated. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal.  
 All Airworthiness Directives checked for compliance through 2012-14.  
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Date: 9/21/15  
Tach: 686.2

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=78, #2=78, #3=78, #4=76, #5=76, #6=78.  
 Changed oil & filter p/n: AA48109-1, filter inspection normal, svcd w/Aeroshell 15W-50.  
 Plugs cleaned, checked and rotated. Nbr. 6 plug lower replaced. Timing checked. Controls checked and lubricated. Air filter replaced. Replaced right alternator and drive p/n: 646843/646655. Run-up and leak check normal.  
 All Airworthiness Directives checked for compliance through 2013-14.  
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



YEAR

20

DATE

Date: 9/12/14

Tach: 660.1

Continental Model: TSIO-550-C

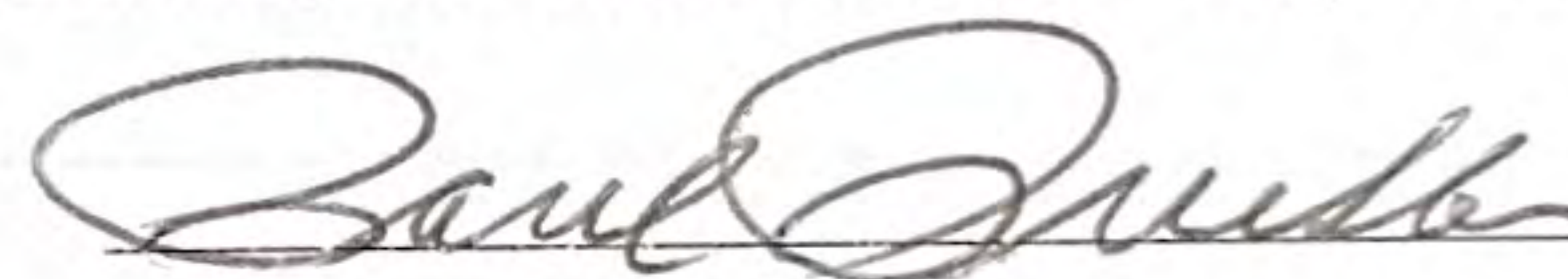
S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=70, #2=75, #3=75, #4=70, #5=70, #6=75. Changed oil & filter p/n: CH48109-1, filter inspection normal, svcd w/Aeroshell 15W-50. Plugs cleaned, checked and rotated, nbr. 1 and 2 upper replaced. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. All valves coated and cleaned W/marvel oil. MSB11-4B C/W, P/N N/A, this completes AD 2012-10-13. Cessna SEL-28-04 C/W, P/N 649368-44A4 N/A.

Run-up and leak check normal.

All Airworthiness Directives checked for compliance through 2014-16.

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

 IA#2106952

Date: 9/21/15

Tach: 686.2


Continental Model: TSIO-550-C

S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=70, #2=75, #3=75, #4=70, #5=70, #6=75. Changed oil & filter p/n: AA48109, filter inspection normal, svcd w/Aeroshell 15W-50. Plugs cleaned, checked and rotated. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. All valves coated and cleaned W/marvel oil. Run-up and leak check normal.

All Airworthiness Directives checked for compliance through 2015-18.

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

 IA#2106952







Date: 11/01/2017

Tach: 728.9

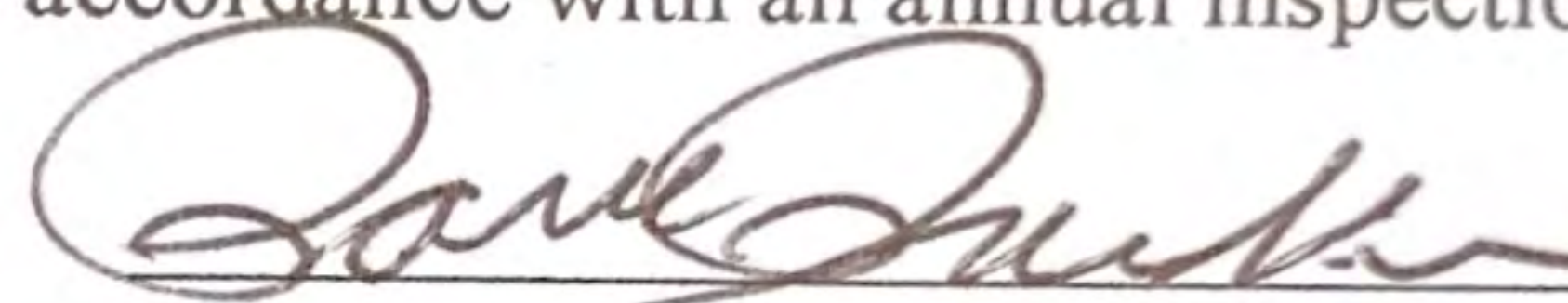
Continental Model: TSIO-550-C

S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Replaced exhaust valves and seats on #1/4/5 cylinders. Replaced rings on #1/4/5 pistons. Compression check /80. #1=72, #2=74, #3=74, #4=72, #5=72, #6=76. Changed oil & filter p/n: AA48109, filter inspection normal, svcd w/Aeroshell Mineral 100. Plugs cleaned, checked and rotated. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal.

All Airworthiness Directives checked for compliance through 2017-20.

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

 IA#2106952

Date: 12/12/2018

Tach: 728.9


Continental Model: TSIO-550-C

S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=74 #2=76, #3=74, #4=76, #5=75, #6=76. Borescope was normal. Changed oil & filter p/n: AA48109, filter inspection normal, svcd w/Aeroshell 15W-50. Plugs cleaned, checked and rotated, replaced # 5&6 upper and lower. Timing checked. Controls checked and lubricated. Air filter inspected and cleaned. Replaced starter "O" ring oil seal. Replaced right TIT probe. Run-up and leak check normal.

All Airworthiness Directives checked for compliance through 2018-22.

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

 IA#2106952



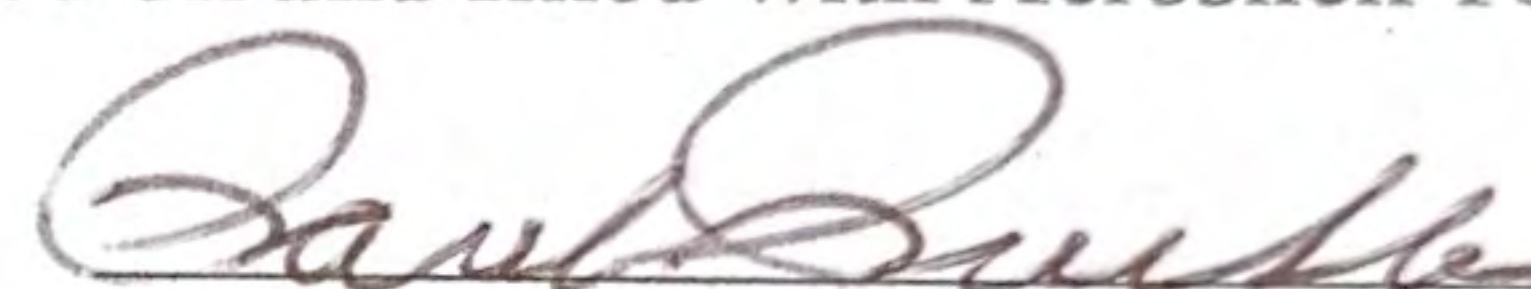
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Date: 12/12/2019  
Tach: 760.0

Continental Model: TSIO-550-C  
S/N: 914377

1. Replaced #1 cylinder with Continental new kit p/n: 658603A4.
2. Replaced fuel injectors with Continental tuned kit.
3. Removed engine driven fuel pump, fuel metering unit, & flow divider. Repaired by Professional Aircraft Accessories. Reinstalled units.
4. Removed electric fuel pump. Repaired by Quality Aircraft Accessories. Reinstalled pump.
5. Installed new oil filter p/n: CH48109. Drained oil and filled with Aeroshell 100 mineral oil.
6. Run-up and leak ck was normal.

 A&P#2106952

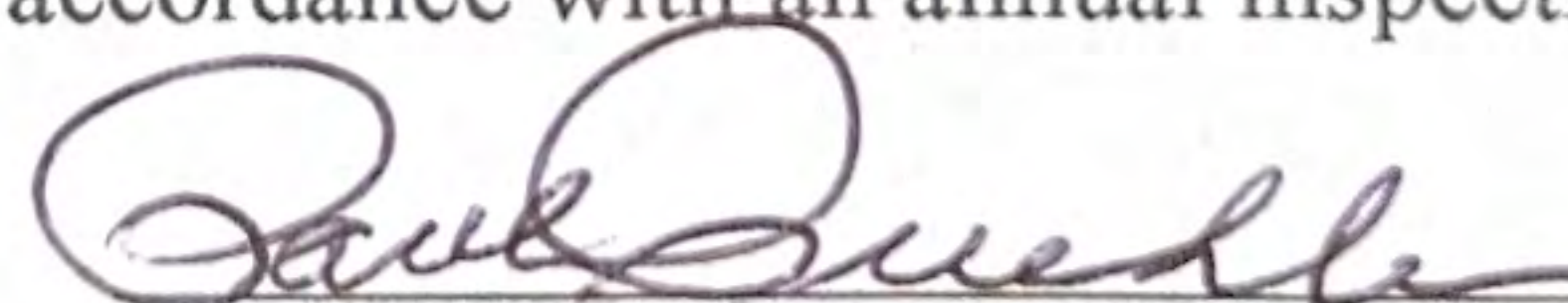
Date: 01/04/2020  
Tach: 766.0

Continental Model: TSIO-550-C  
S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check /80. #1=76 #2=76, #3=74, #4=76, #5=75, #6=76. Borescope was normal. Plugs cleaned, checked and rotated, replaced #1 lower & #6 upper. Timing set to 24 deg. Magneto points and impulse coupling checked. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal.

All Airworthiness Directives checked for compliance through 2019-24.

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

 IA#2106952



REG. NO.: N1266Y  
MAKE: Continental  
MODEL: TSIO-550-C(9)  
S/N: 914377

## Engine



*Tennessee Aircraft Services, Inc.*  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



DATE: April 2, 2021  
Engine TT: 828.5  
HOBBS: 828.5

1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D.
  2. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. Installed new filter and serviced engine with oil. Engine ground check run satisfactory. (8) Phillips XC 20W50 - Oil, (1) Oil Analysis Kit - Oil Analysis Kit, (1) CamGuard - additive, (1) AA48108-2 - Filter, Installed (1) Phillips XC 20W50 - Oil.
  3. Compressions: 1-60, 2-63, 3-50, 4-62, 5-60 & 6-63. Master orifice 42/80.
  4. Performed engine cylinder borescope inspection with no discrepancies noted.
  5. Exhaust system pressure tested and inspected with no discrepancies noted.
  6. Spark plugs removed, cleaned, inspected, resistance checked, gapped, ops checked and reinstalled with new gaskets. (11) AN4027-1 - washer.
  7. Continental CSB 03-8 complied with by inspection of the throttle and mixture control arms for security.
  8. Filled gaps in the baffling on cylinders #5 and #1 to route air flow properly. Installed new aft upper baffle seal. (1) 05-00786-3 - lipstick red baffle seal.
  9. Troubleshooted the engine high oil consumption by clearing contaminants from the oil control ring. (2) MS35769-11 - CRUSH GASKET.
  10. Installed new #2 alternator belt in reference to Cessna LC-550 FG MM 61-10-00 (1) (3) (5) (7-9). (1) 4060325 from Cessna - Belt, Poly V for alternator on Cessna 400 s/n 41501 and up, (1) C-3317-228 - Prop Seal.
  11. Checked the tension on Alternator #2 belt slippage which occurred at 235 in lbs in accordance with Chapter 4 Airworthiness Limitations Section.
  12. AD2016-21-04 amendment 39-18685 effective date November 18, 2016 previously complied with by installation of new oil cooler cross fitting, nipple, and bushing. No further action required.
  13. Timed Left and Right magnetos to 23.9 degrees BTDC in reference to Continental M-0 Appendix B chart B-2.
  14. Installed new starter in reference to Continental Maintenance Manual M-0 Appendix B chart B-2 and B-3 Installed (1) PL13484 - starter.
  15. Installed new induction air filter in accordance with Cessna LC41-550FG MM Chap 12 (1)(A)(B). Installed (1) BA345E - Air filter.
  16. Installed new seal on the down pipe beneath the waste gate in reference to M-0 appendix B chart B-5 Installed (1) 652456 - Gasket, Exhaust Wastegate(alt p/n 1550148-1 and 9910306-1).
  17. Re-positioned fuel line above the number four cylinder and installed chafe protection.
  18. Installed new spark plug in the top of the number 6 cylinder.
  19. Installed new tanis ground wire ring terminal and rerouted the wire to eliminate chafing.
- Work performed by: Steve Hooten, Doug Kail, Rukang Chikomb

Signed:

Hooten, Steven, A&P IA: 3531330

Work Order: 8668



YEAR  
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DATE

Date: 04/29/2022  
Hobbs: 844.5

Continental Model: TSIO-550-C  
S/N: 914377

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Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression check normal. Timing checked @ 24 deg. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal.  
All Airworthiness Directives checked for compliance through 2022-08.

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

Paul Smith IA#2106952

Date: 04/01/2024  
Hobbs: 863.7

Continental Model: TSIO-550-C  
S/N: 914377

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression checked using Continental approved orifice #1-74/80, #2-68/80, #3-68/80, #4-74/80, #5-72/80, #6-75/80. Timing checked @ 24 deg. Controls checked and lubricated. Air filter inspected and cleaned. Changed oil, replaced and inspected filter. Run-up and leak check normal. C/W AD 2023-09-09 per paragraph L(1). Will require repeat inspection at next Annual. All Airworthiness Directives checked for compliance through 2024-06.

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

Paul Smith IA#2106952



YEAR  
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Date: 06/04/2025  
Hobbs: 864.1

**Continental Model: TSIO-550-C**  
**S/N: 914377**

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ntries.)

Performed Annual Engine Inspection I/A/W FAR 43 using Columbia(Cessna) 400 Maintenance Manual. Compression checked using Continental approved orifice #1-68/80, #2-70/80, #3-60/80, #4-68/80, #5-60/80, #6-72/80. Timing checked @ 24 deg. Controls checked and lubricated. Air filter inspected and cleaned. Run-up and leak check normal. C/W AD 2023-09-09 per paragraph L(1). Will require repeat inspection at next Annual.

All Airworthiness Directives checked for compliance through 2025-10.

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

Paul D. Smith

IA#2106952

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