

**Engine Record General Information**

Manufacturer CONTINENTAL Model 0300D  
 Serial 24764-D-1-D Type Certificate N 8241X  
 This engine is currently installed in aircraft N 8241X

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2002				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
DATE	<b>Harrell's Aviation Service, Inc.</b> <b>Bainbridge, GA 31717</b>			
6/6/02				
	Teledyne Continental Engine SN 24704-D-1-D 06/06/02 N8241X	Major Overhaul	Work Order # 1485 TT: 3262.4	TACH: 2576.9
	<p>Engine removed for major overhaul with 2089.4 hours since last major overhaul and total time of 3262.4. Engine less cylinders was shipped to Graham Aircraft Engine Service (Repair Station #AF5R724M) for inspection and certification of all parts under Invoice #8442 (attached to overhaul records). Our Work Order #1485 contains a complete list of all new parts used in this major overhaul. Engine oil sump and crankcase were overhauled, zygloed dimension checked and alodined (yellow tags in overhaul records). All 6 connecting rods and all 12 rocker arms were overhauled/magnafluxed and new bushing were installed (yellow tags with overhaul records). Crank gear, cam gear, 2 oil pump gears and 12 push rods were cleaned, inspected and magnafluxed (yellow tag with overhaul records). Crankshaft and rod journals were standard and had new pins, plates, clips and bushings installed. Installed nose plug. Service Bulletin 96-10 complied with. Magnafluxed normal ok. (yellow tag with overhaul records) New camshaft P/N 530803 was installed. Starter adapter overhauled using new parts. Graham Aircraft Engine Service, Newnan, Georgia, accomplished the above listed work. Harrell's Aviation Service, Inc. using all new standard sized rod and main bearings assembled engine. New engine through bolts with "O" rings installed. New lifter body P/N 530851 and cam follower P/N SA530851 installed. New SA 25103-A2 gasket set used. New bolts used on engine halves assembly. 6 new Continental factory cylinder assembly P/N 653816A8BP and 6 cylinder push rods kit P/N EQ6956. New engine mounts installed. 12 new REM40E spark plugs installed. All work done in accordance with Continental Overhaul Manual. Engine installed on N8241X, run and test flown and is now certified to return to service.</p>			
	Norman Edward Wimberley #252768807 A&P <i>Norman Edward Wimberley</i>			

SMOH-0-

DATE	Engine	TOTAL TIME IN SERVICE	TACH	SMOH
07/23/02	N8241X	TT: 3274.20	TACH: 2588.7	SMOH: 11.8
	<p>Removed Weston G-455 vacuum pump due to being inoperative. Installed newly overhauled vacuum pump, Garwin G-455, SN 44182, using new gasket. FAA Form 8130-3 attached to aircraft files. Operational check normal.</p>			
	James R. Harrell #253381827 A&P IA <i>James R. Harrell</i>			



DATE

Facility. (See back pages for other specific entries.)

**Harrell's Aviation Service, Inc.**  
**Bainbridge, GA 39817**

Engine  
08/22/02      N8241X      TT: 3285.4      TACH: 2599.9      SMOH: 23.0

Oil changed using 8 quarts Aeroshell 100. Oil screen removed, cleaned, inspected and reinstalled. Oil temp gauge removed and replaced with Cessna Service Kit P/N SK172-108D. Operational check was normal.

James R. Harrell #253381827 A&P IA

*James R. Harrell*

**Harrell's Aviation Service, Inc.**  
**Bainbridge, GA 39817**

Engine  
12/28/02      N8241X      TT: 3307.0      TACH: 2621.5      SMOH: 44.6

100 hour and annual inspection completed this date. Compression check all cylinders was 76/80. Oil changed using 8 quarts of Aeroshell W100. All spark plugs were cleaned and reinstalled. AD notes checked through 02-24 and are in compliance. Oil screen removed, inspected normal, cleaned, and reinstalled. Engine cleaned and operational check was normal. I certify that this engine has been inspected in accordance with a 100 hour and annual inspection and is considered to be in an airworthy condition.

James R. Harrell #253381827 A&P IA

*James R. Harrell*

DATE

Facility. (See back pages for other specific entries.)

**Harrell's Aviation Service, Inc.**  
**Bainbridge, GA 39817**

Engine  
05/05/03      N8241X      TACH: 2652.1      SMOH: 75.8

Oil changed using 8 quarts Aeroshell W100. Oil screen removed, inspected, cleaned, and reinstalled. Operational test, no leaks noted.

James R. Harrell #253381827 A&P IA

*James R. Harrell*

**Harrell's Aviation Service, Inc.**  
**Bainbridge, GA 39817**

Engine  
01/09/04      N8241X      TACH: 2682.1      SMOH: 105.2

100 hour and annual inspection completed this date. AD notes checked through 2003-24 and are in compliance. Compression check as follows: 1.) 77/80 2.) 72/80 3.) 76/80 4.) 76/80 5.) 75/80 6.) 72/80. All spark plugs cleaned and reinstalled. Oil changed using 8 quarts Aeroshell W100. Oil screen cleaned and reinstalled. Engine cleaned and operational test was normal. I certify that this engine has been inspected in accordance with a 100 hour and annual inspection and is considered to be in an airworthy condition.

James R. Harrell A&P253381827IA

*James R. Harrell*



**Harrell's Aviation Service, Inc.**  
Bainbridge, GA 39817

Engine N8241X  
02/03/05

SMOH: 123.9

TAC: 2700.8

100 hour and annual inspection completed with date. AD notes check through 2005-02 and are in compliance. Oil changed using 8 quarts 100-W aero shell oil. Oil screen removed, inspected. All sparks plugs removed, cleaned and reinstalled. Compressions check as follows: #1) 74/80, #2) 70/80, #3) 70/80, #4) 75/80, #5) 75/80, #6) 75/80. Intake air filter replaced with new BA61U3 air filter. Engine cleaned and operational test was normal. I certify that this engine has been inspected in accordance with a 100-hour and annual inspection and is considered to be in a air worthy condition.

James R. Harrell A&P253381827IA

*James R. Harrell*

DATE

Facility. (See back pages for other specific entries.)

**Harrell's Aviation Service, Inc.**  
Bainbridge, Georgia 39817  
229-243-1300

Engine  
03/01/2006

N8241X

Serial: 17248741

SMOH: 144.1

TT: 2721.0

100-hour inspection completed this date. Engine Compression as follows: #1) 74/80, #2) 74/80, #3) 72/80, #4) 72/80, #5) 62/80, and #6) 74/80. AD notes checked through 02-13-04 and are in compliance. Changed engine oil using 8 quarts Aero Shell W-100 plus and oil screen removed, inspected, cleaned and reinstalled. All spark plugs cleaned gapped and reinstalled. S1000 SAF Air oil drain valve installed. Engine cleaned and operational test checked ok. I certify this engine to be in an airworthy condition.

Kevin Causey A&P 3060674

**Harrell's Aviation Service, Inc.**  
Bainbridge, Georgia 39817

Engine  
03/01/2006

N8241X

Serial: 17248741

TT: 2721.0

SMOH: 144.1

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

James R. Harrell # 1535165

*James R. Harrell*

YEAR: 2007	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE SMOH	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.)
DATE 04-10	2739.4		162.5	Annual inspection completed this date. Oil changed with 8 qts Aeroshell w100 plus. Screens cleaned, No metal detected. Spark plugs cleaned + gapped. Compression cks 1) 72/80 2) 68/80 3) 70/80 4) 70/80 5) 68/80 6) 70/80. AD's ck Thru 07-08 and are in compliance at this time. I certify that this Engine was inspected IAW an Annual inspection + was determined to be in Airworthy Condition. <i>Thomas R. Bell A&amp;P 267061041 I.A.</i>



YEAR: 2008	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE EMOH	Entries must be endorsed with Facility. (See back pages for other specific entries.)
DATE 06-01	2762.1		185.2	<p>Annual inspection completed this date. Oil changed with 8 qts Aeroshell 100+ Screens cleaned. Spark plugs cleaned + gapped. Compression ck. 1) 70/80 2) 68/80 3) 68/80 4) 64/80 5) 68/80 6) 68/80. AD's ck thru 09-11 and are in compliance at this time. I certify that this engine was inspected thru an Annual inspection + was determined to be in Airworthy condition.</p> <p><i>John B. Coff</i> A&amp;P 267061041 I.A.</p>

Facility. (See back pages for other specific entries.)

**Harrell's Aviation Service, Inc.**  
 Bainbridge, Georgia 39817  
 229-243-1300

Engine N8241X Engine: 24704-D-1-D Tach: 2780.3 TSMOH: 203.4  
 07/01/2009

100-hour and annual inspection completed this date. Engine compression are as follows: #1) 71/80, #2) 70/80, #3) 75/80, #4) 72/80 #5) 70/80, #6) 74/80. Oil changed and clean screen. Replenished with 8 quarts Aeroshell 15W50. Spark plugs cleaned and gapped. AD's through 02-13-01 are in compliance. I certify this engine has been inspected with an 100-hour and annual inspection and is consider to be in airworthy condition.

Kevin Causey A&P 3060674 IA *Kevin Causey*

Facility. (See back pages for other specific entries.)

**Harrell's Aviation Services, Inc**  
 120 First Ramp  
 Bainbridge, GA 39817  
 229-243-1300

Engine N8241X SN# 247-04-D-1-D Tach: 2797.2 TSMOH: 220.3  
 08/02/2010

100-hour and annual inspection completed this date. Compression are as follows: #1) 75/80, #2) 75/80, #3) 75/80, #4) 74/80, #5) 72/80, #6) 72/80. Spark plugs cleaned, inspected, gaped and re-installed. Engine oil replenished with 8 quarts Aeroshell 100W plus, cleaned screen. Replaced exhaust gaskets on cylinders 2,4, & 6 replaced with PN# 627429 and PN# 22022 exhaust nuts AD's through 02-13-04 are in compliance. This engine has been inspected in accordance with an 100 hour and annual inspection and is considered to be in airworthy condition.

James R. Harrell A&P & IA 1535165 *James R. Harrell*



DATE

Causey Aviation LLC  
613 - 6<sup>th</sup> Ramp  
Bainbridge, GA 39817  
229-243-1300

Engine N8241X S/N# 247-04-D-1-D Tach:2810.6 TSMOH: 233.7  
09/12/2011  
100 hour and Annual inspection completed this date. Compressions are as follows: #1) 73/80. #2) 72/80. #3) 72/80, #4) 71/80, #5) 73/80, #6) 72/80. Drained oil and replenished with 8 quarts of Phillips XC 20w50, removed, inspected and cleaned oil screen, no metal found. Cleaned, inspected and re-installed spark plugs. Check all electrical, fuel and oil connections. AD's through 02-13-04 checked. Engine washed and run up checked OK, no leaks detected. I certify that this engine has been inspected in accordance with a 100 hour an Annual inspection and is considered to be airworthy.

Kevin Causey A&amp;P 3030674 &amp;IA

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-03	28220		245.1	Annual inspection completed This date. Oil changed with 8 qts Aeroshell W100+. Screens cleaned. Spark plugs cleaned + gapped. Compression cks. 1) 70/80 2) 70/80 3) 70/80 4) 72/80 5) 68/80 6) 74/80. AD's cks thru 12-18 and are in compliance at This Time. I certify That This Engine was inspected I/Alw an Annual and was determined to be in Airworthy Condition. Kevin Causey AIP 267061041 IA

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	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.)
11-08	2851.7		274.8	Annual inspection completed This date. Oil changed with 8 qts Aeroshell W100+. Screens cleaned, no metal detected. Spark plugs cleaned + gapped. Compression cks 1) 70/80 2) 72/80 3) 72/80 4) 70/80 5) 72/80 6) 70/80. Replaced The Following parts of Exhaust system from Aerospace Welding Minneapolis INC: LH+RH mufflers P/N A0550176-59. 1 Ea P/N A0550176-57 curved riser. 2 E P/N A0450338-14 straight risers. 2 Ea Misc-1-EA Exhaust Pipes. Installed Exh system with New P/N JA 627429 Exh gaskets and



YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE 51004	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.)
11-08	2851.7		274.8	new SA22022 Ecu outs. Replaced all P/N 22900 intake hoses and P/N 22250 intake gaskets. Engine ground run and ck good. AD <sup>15</sup> ck thru 13-22 and are in compliance at This Time. I certify That This Engine was inspected I/A/W an Annual inspection and was determined To be in Airworthy Condition Tom B. [Signature] ATP 267061041 I.A.

YEAR: 2014 DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE 51004	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.)
12-19	2970.0		293.1	Annual inspection completed This date. Oil changed with 9 qts Aeroshell W100 Plus. Screens cleaned. Spark plugs cleaned + gapped. Compression ck 1) 73/80 2) 78/80 3) 75/80 4) 70/80 5) 68/80 6) 70/80. AD <sup>15</sup> ck thru 14-25 and are in compliance at This Time. I certify That This Engine was inspected I/A/W an Annual inspection and was determined To be in Airworthy Condition. Tom B. [Signature] ATP 267061041 IA.

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE 51014	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.)
02-01	2883.6		306.7	Annual inspection completed This date. Oil changed with 9 qts Aeroshell W100 Plus. Screens cleaned. Spark plugs cleaned + gapped. Compression ck 1) 68/80 2) 72/80 3) 74/80 4) 67/80 5) 68/80 6) 66/80. Repaired Primer lines as required. AD <sup>15</sup> ck thru 16-02 and are in compliance at This Time. I certify That This Engine was inspected I/A/W an Annual inspection and was determined To be in Airworthy Condition. Tom B. [Signature] ATP 267061041 IA.



YEAR: 2017	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE 03-09	2894.4		590.5 317.5	Annual inspection completed this date. Oil changed with 8 qts Aeroshell W100 Plus. Screens cleaned. Spark plugs cleaned + gapped. Compression cks. 1) 74/80 2) 69/80 3) 74/80 4) 69/80 5) 66/80 6) 79/80. Replaced induction Air Filter. AD <sup>3</sup> cks Thru 17-05 and are in compliance at this time. I certify that this Engine was inspected IAW an Annual inspection and was determined to be in Airworthy Condition. <u>Tom Buff</u> ATP 267061041 I.A.

YEAR: 2018	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE 04-05	2900.8		590.5 323.1	Annual inspection completed this date. Oil changed with 8 qts Aeroshell W100+. Screens cleaned. Spark plugs cleaned + gapped. Replaced induction Air Filter. Compression cks. 1) 74/80 2) 77/80 3) 72/80 4) 72/80 5) 72/80 6) 79/80. AD <sup>4</sup> cks Thru 18-02 and are in compliance at this time. I certify that this Engine was inspected IAW an Annual inspection and was determined to be in Airworthy Condition. <u>Tom Buff</u> ATP 267061041 I.A.

The subject aircraft N8241X was involved in an accident/incident at Bainbridge GA on 10/10/18, rendering it beyond economical repair per insur'gess policy provisions. Refer to file # H18013378. Signed by: Tom Buff Date: 4/12/18  
Old Republic Aerospace, 1990 Vaughn Rd #350, Kennesaw, GA 30144 770-590-4950

The subject aircraft N8241X was involved in an accident/incident at Bainbridge GA on 10/10/18, rendering it beyond economical repair per insurance policy provisions. Refer to file # H18013378.  
Signed By: Tom Buff Date: 4/12/18  
Old Republic Aerospace, 1990 Vaughn Rd #350, Kennesaw, GA 30144 770-590-4950

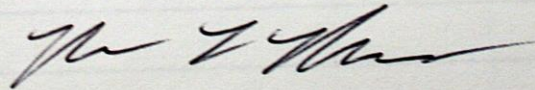
770-590-4950



07-03-2021

Engine Log N8241X S/N 17248741 Tach: 2911.0 334.1 SMOH  
Drained oil, cleaned screen, serviced with Aero Shell W100 plus.  
Compression all 70/80 or better, checked mag timing, cleaned spark  
plugs, dressed and painted prop. Replaced induction air filter element  
with Bracket BA6108. I certify that this engine has been inspected in  
accordance with an annual inspection and was determined to be in an  
airworthy condition.

Marvin McCandles AP1817515IA

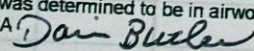


YEAR: 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/9	2936.3	SMOH	359.1	Drained oil and replaced with 7 quarts Aero Shell W100, leaked checked with none found. Adil Karim, Owner 4353457

ENGINE LOG ENTRY

Date: 9/13 2022, N8241X, Continental O-300D, S/N 24704-D-1-D Tach:2941.6, SMOH: 390.0

Drained oil and serviced with 8 quarts of Aeroshell W-100 Aviation oil. Inspected filter screen with no anomalies noted. Cleaned and serviced spark plugs per Champion Plugs Service manual and equipment, replaced two plugs due to defective insulators. Compression checks as follows 1)71, 2) 74, 3) 62, 4) 61, 5) 68, 6) 70 over 80 @ 78 Degrees F OAT. Mag timing checked within limits. Replaced air filter element with BA 6108 Brackett element. All control linkage checks within limits. Pressure checked exhaust system. Complied with AD's per T Data program dated 2022-18. See compliance report in aircraft records. This engine was inspected IAW FAR Part 43 Appendix D (100 Hour) inspection and was determined to be in airworthy condition at this date and time.

Darin Butler A&P3631671 IA 

ENGINE LOG ENTRY

Date: 9/18 2023, N8241X, Continental O-300D, S/N 24704-D-1-D Tach:2956.8, SMOH: 405.2

Drained oil and serviced with 8 quarts of Aeroshell W-100 Aviation oil. Inspected filter screen with no anomalies noted. Cleaned and serviced spark plugs per Champion Plugs Service manual and equipment. Compression checks as follows 1)68 2) 68, 3) 70, 4) 74, 5) 64, 6) 67 over 80 @ 77 Degrees F OAT. Reset timing on R Magneto . Replaced air filter element with BA 6108 Brackett element. All control linkage checks within limits. Pressure checked exhaust system. Complied with AD's per T Data program dated 2023-18. See compliance report in aircraft records. This engine was inspected IAW FAR Part 43 Appendix D (100 Hour) inspection, the Continental O-300 Engine Manual. and was determined to be in airworthy condition at this date and time.

Darin Butler A&P3631671 IA 