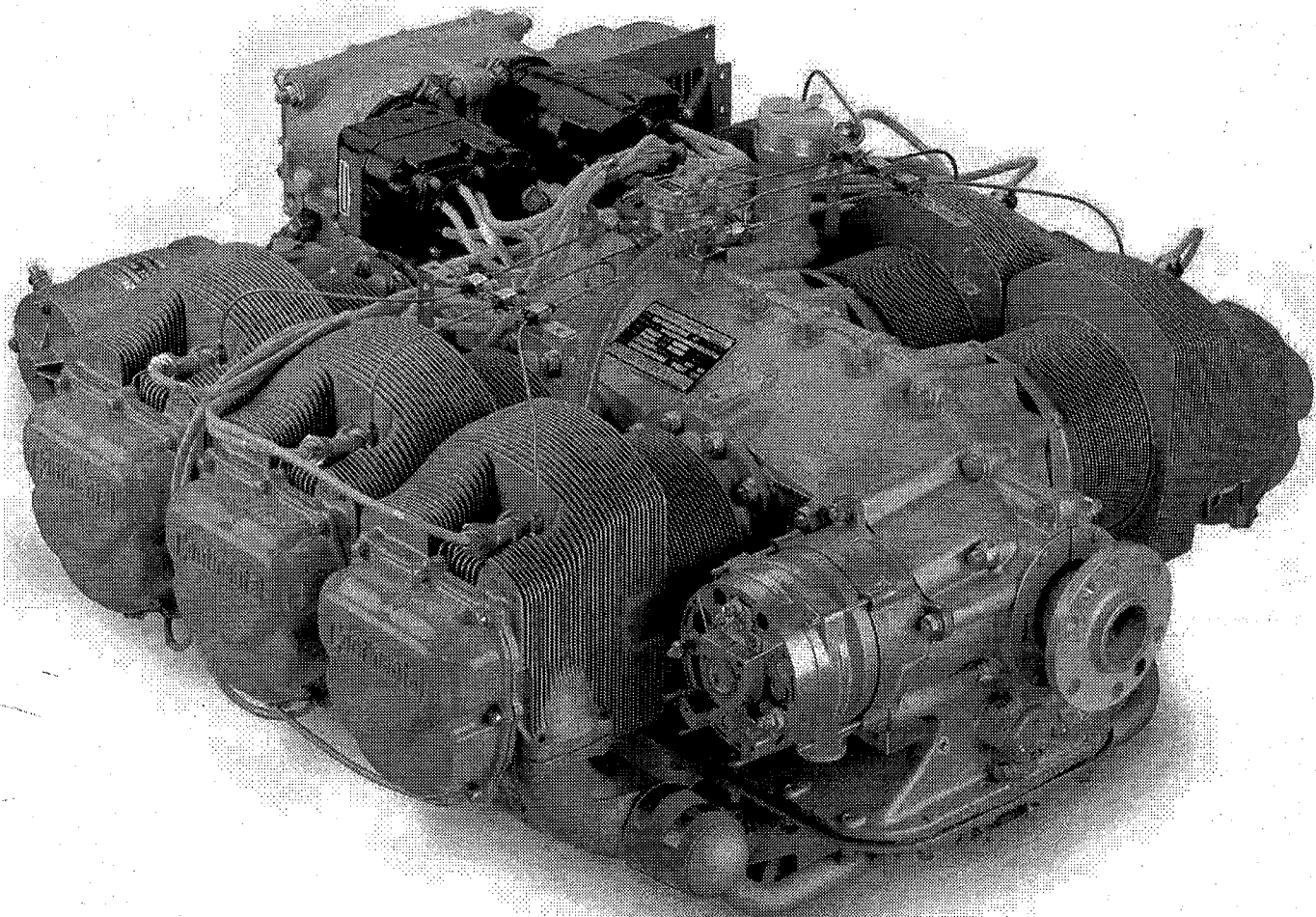


N601DN ENGINE LOG BOOK



Teledyne Continental Motors Inc.

A/C#601-046S

N601DN

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:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

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



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 09/12/2007

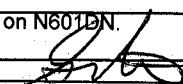
This engine model 0200A82, Serial No. 256421 was manufactured on 09/12/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required 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		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
					Teledyne Continental O-200-A82 S/N: 256421 Date: Oct. 16, 2007 Tach Time: 0.0
					This engine installed on N601DN.
					 Garry Webster AP474763459IA



Clearwater Aircraft Maintenance and Service
14421 Airport Parkway • Clearwater, FL 33762
727-507-8881 • Fax 727-507-8887

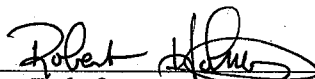
Tail #: N601DN
Total Time:

Hobbs: 58.1
Tach: 46.4

Date: 01/02/08
Work Order #: 4448

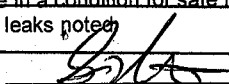
Accomplished 50 hour inspection IAW CAMS 50 hr inspection checklist. Changed oil and filter. Serviced engine with 6 qts of Phillips 20W50 oil. Cut open oil filter and examined for contaminants, none found. Washed engine and performed an engine run, no leaks noted. Performed sheetmetal repair on R/H fwd engine baffle. Adjusted aft L/H baffle seal as required. Secured engine breather line at rear of engine. Adjusted engine idle and mixture. Ops check ok.

Robert Holmes, A+P 34667906


End of entry

Mar. 5, 2008 TACH: 86.2

Performed compression test 1. 74/80, 2. 74/80, 3. 76/80, 4. 75/80, Changed oil and filter. Checked and cleaned oil suction screen, serviced with 6 qts. of Phillips 20W50XC. Installed new oil filter. Checked and cleaned all spark plugs. Propeller has been inspected and re-torqued. I certify that this aircraft and engine has been inspected IAW the manufacturers maintenance manuals, and found the engine to be in a condition for safe flight. Engine ground run satisfactory, no leaks noted.


Garry Webster AP474763459IA



FOR UPS SHIPPING ONLY

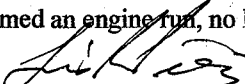


Clearwater Aircraft Maintenance and Service
14421 Airport Parkway • Clearwater, FL 33762
727-507-8881 • Fax 727-507-8887

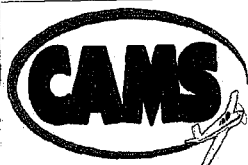
Tail #: N601DN
Date: 05/20/2008
Work Order #: 4708
TACH: 138.2
TT: 138.2

Performed a 50 hour inspection. Change oil and filter. Service engine with 6 qts of Phillips 20W50 XC oil. Cut open filter and examined for contaminants, none found. Washed engine and performed an engine run, no leaks found.

Louis Perez A+P 584064431


End of entry

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.	



Clearwater Aircraft Maintenance and Service
14421 Airport Parkway • Clearwater, FL 33762
727-507-8881 • Fax 727-507-8887

Tail #: 601DN

Date: 07/25/2008
Work Order #: 4829
Tach: 178.1
SNEW: 178.1

Performed a routine Annual inspection IAW Maintenance Manual. Performed a differential cylinder compression test: #1-72/80, #2-72/80, #3-78/80, #4-72/80. Cleaned, gapped and tested sparkplugs. Re-installed sparkplugs with new gaskets, ops check ok. Changed oil and filter. Serviced engine with 6 qts of Phillips 20W50 X/C oil. Cut open oil filter and examined for contaminants, none found. Replaced crankshaft seal with new, leak check ok. Replaced #1, #2, #3 and #4 valve cover gaskets with new. Made up and replaced all fuel hoses with new and installed new fittings on fuel pumps, fuel strainer, and carb with proper AN flare fittings and aircraft HP hose. Replace #1 cylinder with new, all new gaskets and seals. See 8130 in log folder. Washed engine and performed an engine run, ops check ok. Checked AD's through 2008-14 T-data. See updated and recurring AD list in folder. I certify this engine has been inspected IAW the manufacturers maintenance manuals and found to be in a condition for safe flight.

Matt Malouf, A+P/IA 2841230

End of entry

31 DEC 2008

TACH: 229.2

Performed oil & filter change. Gross external inspection and cable lube. Oil filter: Tropic AA48108; 6 qts Phillips X/C 20. Engine run-up with no leaks. Air filter replaced.

3210221
END OF ENTRY

June 17, 2009

TACH: 262.6

Performed compression test 1. 72/80, 2. 71/80, 3. 74/80, 4. 70/80. Lapped exhaust valve on #4 cylinder and reinstalled. Changed oil and filter. Serviced with 6 qts. of Phillips 20W50X/C. Installed new oil filter P/N ES48108. Replaced four upper spark plugs, cleaned and gapped checked the lower plugs. I certify that this engine has been inspected IAW the manufacturers maintenance manuals, and found the engine to be in a condition for safe flight. Engine ground run satisfactory, no leaks noted.

Gary Webster AP4747634591A

17 Oct 2009

TACH: 281.8

Replaced #2 valve cover gasket. Performed engine run-up and ops check. OK.

3162161P

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 For

1-6-2012 TTA 369.3 Tach 369.3 Engine TTSN 369.3

C/W Annual/ 100hr inspection-Performed routine inspection in accordance with Manufacturers Maintenance Manual; Compressions 75/80; 74/80; 76/80; 72/80; Cleaned, gapped and tested all spark plug; Repaired crack in cyl #4 baffle; Stop drilled crack on cyl#1 baffle; Replaced cyl#4 pushrod housing to engine gasket Pt# SA-530928; Checked airworthiness directives thru 2011-24 T-data; C/W AD-81-07-06 Fuel pump inspection NEXT due 1-2013 or TT469.3.

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

Signed *James R. Stone* IA 3162764A/P

Hollywood Aircraft Maintenance

1602 SW 77th Ave

Pembroke Pines, FL 33023

Make: AIRCRAFT MFG

Model: CH601XL SLSA

Reg. No.: N601DN

Date: 12/14/12 00:00

S/N: 601-046S

Tach Time: 391.80

Engine Log

Type: Continental0200

S/N:

Removed old propeller and install new Sensenich. Opened new prop log. Ran engine and found to be operating properly. Serviced battery. Inspected controls and engine for safe flight and no defects noted. Test ran engine and found to be operating properly. Approved for return to service.

James R. Stone, A&P 3285964

James R. Stone, A&P 3285964

Hollywood Aircraft Maintenance

1602 SW 77th Ave

Pembroke Pines, FL 33023

Make: AIRCRAFT MFG

Model: CH601XL SLSA

Reg. No.: N601DN

Date: 01/05/13 00:00

S/N: 601-046S

Hobbs Time: 522.90

Engine Log

Type: Continental0200

S/N:

Troubleshoot engine running rough issue. Cylinder #3 not firing properly and running cold. Found lower spark plugs to be fouled and worn beyond limit. Removed and replaced lower spark plugs with new Tempest UREM 40E. Removed and replaced top spark plugs with automotive type NGK BR8ECM as specified in Manufacturers data. Ran engine and found problem to be corrected. No further defects noted. Retorqued propeller as specified in Manufacturers data. 19 FT. lbs. Resafetied prop bolts. Reinstalled spinner. Ran engine and found no defects.

James R. Stone, A&P 3285964

James R. Stone, A&P 3285964

Hollywood Aircraft Maintenance

1602 SW 77th Ave

Pembroke Pines, FL 33023

Make: AIRCRAFT MFG

Model: CH601XL SLSA

Reg. No.: N601DN

Date: 02/08/13 00:00

S/N: 601-046S

Tach Time: 409.20

Engine Log

Type: Continental0200

S/N:

Inspected aircraft engine IAW AMD Service Manual. Compression results IAW Continental SB3-03: #1: 76/80, #2: 77/80, #3: 74/80, #4: 77/80. Cleaned, inspected, tested, reinstalled all spark plugs. No defects noted. Cleaned fuel screen. Drained carb bowl. No defects noted. Removed and replaced engine oil with customer requested Phillips XC 20W50. Cleaned oil screen. No defects noted. Removed and replaced all valve cover gaskets. No further defects noted.

I certify this aircraft engine has been inspected IAW 14 CFR 91.409 to the scope and detail of 14 CFR 43 Appendix "D" and has been found to be airworthy for this ANNUAL / CONDITION Inspection 2013.

James R. Stone, A&P 3285964 IA

James R. Stone, A&P 3285964 IA

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	→				
03/01/2013	N601DN				Installed Barnett Air Filter housing + Element. Operational
TTAF: 411.6					Checked good. No Defects Noted.
					James R. Stone, AIP 3285964

Hollywood Aircraft Maintenance **1602 SW 77th Ave** **Pembroke Pines, FL 33023**

Make: AIRCRAFT MFG
Date: 10/15/13

Model: CH601XL SLISA
S/N: 601-046S

Reg. No.: N601DN
TTAF:

Engine Log

Type: Continental0200

S/N:

Removed and replaced engine oil with 6 qts new Phillips 100 AW 50wt Aircraft Engine Oil. Removed and replaced engine oil filter with new Tempest AA48108-2. Installed safety wire on oil filter and marked for reference. Ground ran engine and found to be operating properly. No leaks detected.

James Robert Stone, A&P 3285964

James Robert Stone, AIP 3285964

Hollywood Aircraft Maintenance **1602 SW 77th Ave** **Pembroke Pines, FL 33023**

Make: AIRCRAFT MFG
Date: 03/28/14

Model: CH601XL SLISA
S/N: 601-046S

Reg. No.: N601DN
Tach Time: 452.40

Engine Log

Type: Continental0200

S/N:

Completed Annual Condition Inspection IAW AMD CH601 Service Manual and 14 CFR 91.409 to the scope and detail of 14 CFR 43 Appendix "D". Compression results IAW Continental SB3-03 Ref 43/80: #1: 68, #2: 72, #3: 74, #4: 75. Removed, cleaned, inspected, gapped and reinstalled all spark plugs. No defects noted. Cleaned fuel screen. No engine services performed at this inspection. All known AD's found to be in compliance at this inspection. Found pushrod tube gaskets to be leaking. Customer supplied gaskets. Removed all old gaskets. Cleaned and inspected sealing area. Replaced all pushrod tube gaskets. Ground ran engine and found to be operating properly. No defects noted. Retorque and resafety wire propeller.

I certify this aircraft engine has been inspected IAW 14 CFR 91.409 to the scope and detail of 14 CFR 43 Appendix "D" and was found to be in a condition safe for flight on this ANNUAL CONDITION Inspection 2014.

James Robert Stone, A&P 3285964

James Robert Stone, AIP 3285964 - JA

Hollywood Aircraft Maintenance **1602 SW 77th Ave** **Pembroke Pines, FL 33023**

Make: AIRCRAFT MFG
Date: 11/18/14

Model: CH601XL SLISA
S/N: 601-046S

Reg. No.: N601DN
Tach Time: 466.40

Engine Log

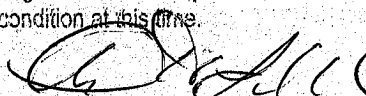
Type: Continental0200

S/N:

Removed and replaced engine oil with new Phillips Victory 100AW. Removed and replaced engine oil filter with new Tempest AA48108-2. Ground ran engine and found to be operating properly. No Leaks Found. Cleaned, inspected, tested, reinstalled all spark plugs. No defects noted.

James Robert Stone, A&P 3285964

James Robert Stone, AIP 3285964

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 →					
05/12/2015 ENGINE LOG ENTRY N601DN Tach Time: 466.5 Hobbs/TTAF: 612.7 Performed Annual Condition Inspection IAW 14 CFR 91.409 to the scope and detail of 14 CFR 43 Appendix "D" and manufacturers checklist. Engine compressions IAW SB3-03 Ref 42/80. All cylinders found to be at or above 65/80. Cleaned, inspected, tested, reinstalled all spark plugs. No defects noted. Cleaned fuel screen. No engine services performed at this inspection. Checked engine magneto timing. No defects noted. Retorque and safety on propeller. No anomalies noted. All AD's found to be in compliance at this inspection. I certify this aircraft engine has been inspected IAW 14 CFR 91.409 to the scope and detail of 14 CFR 43 Appendix "D" and was found to be in a CONDITION SAFE FOR FLIGHT. James Robert Stone, A&P 3285964 <i>James Robert Stone, A&P 3285964</i>					
10-04-17, N601DN. Hourmeter: 615.3, Tach: 467.7. Performed Annual Condition Report IAW The AMD Zodiac Inspection form and 100 hour checklist. Completed compression check: #1-77, #2-78, #3-77, #4-76. Changed oil w/6 qts Phillips 100AW. Inspected oil filter, satisfactory, installed new filter. Cleaned, gapped and rotated lower spark plugs. Installed 4 ea new NGK upper spark plugs. Checked magneto timing, satisfactory. All applicable airworthiness directives thru 2017-20 C/W. Completed post inspection operational checks and flight evaluation satisfactory. This engine has been inspected IAW an annual condition inspection and has been determined to be in an airworthy condition at this time.  Michael H. Lochmueller, A&P2704234A, for Locair Aviation Services, LLC, 954-592-3266					
01-30-18, N601DN. Hourmeter: 658.0, Tach: 499.4. Removed propeller S/N AJ59753 and installed new zero time Sensenich Wood propeller S/N AJ9733 per owner request. Propeller torqued and inspected IAW the Sensenich Wood propeller maintenance document. Run and operational test satisfactory.  Michael H. Lochmueller, A&P2704234, for Locair Aviation Services, LLC, 954-592-3266					

Mike's PMS Inc
7201 South Airport Road Hangar 204
PEMBROKE PINES Florida 33023
305-542-0375

Make: Zodiac/Continental
Model: CH601XL SLSA/O-200A(32)
Tail: N601DN
S/N: 601-0465/256421

Broug

Hours: Tach 499.1 Hobbs 661.7

Completed Annual Inspection in accordance with 14 CFR 91.409 (a,1)(b) and to the scope and detail of 14 CFR 43 Appendix (D) and Zodiac CH 601 series & 650 checklist, February 2010 Rev 2
Compression results #1 40/80 #2 30/80 #3 70/80 #4 66/80. Removed #1 & #2 Cylinders for inspection and repairs.
Installed cylinders in IRAN condition per Certified Engines Unlimited Inc, WO:56164-00
Removed cleaned, test and installed spark plugs, installed new top spark plugs PN:BR8ECM. Changed engine oil and filter With new oil filter PN:AA48108-2, oil drain gasket PN:AN900-10 and 6qts Phillips Victory 100AD. Removed and replaced air filter with new filter PN:BA-4108. Cleaned gascolator and installed new screen PN:10543-2.
Ran engine and found to be operating properly, no leaks found.
I certify this aircraft has been inspected IAW 14 CFR 91.409 (a,1) (b) and to the scope and detail of 14 CFR 43 appendix (D) and found it to be airworthy for this Annual inspection and approved for return to normal service.

Signed:

Name: Ernest Michael Jimenez

Cert: 3876000 A&P,IA

Date: 05/03/2021

Mike's PMS Inc
7201 South Airport Road Hangar 204
PEMBROKE PINES Florida 33023
305-542-0375

Make: Zodiac/Continental
Model: CH601XL SLSA
Tail: N601DN
S/N: 601-0465

Hours: Tach 502.3

Checked and charge battery, found to be in good condition. Bleed brakes and topped off with H-5606. Drain water from fuel tanks, drain and cleaned gascolator, flushed fuel lines. Removed and replaced carburetor with overhauled Marvel-Schebler carburetor PN:10-4894-1 SN:MSOW4K09 checked fuel system for leaks, ran engine, adjusted carburetor, checked for proper operation and returned to service

Signed:

Name: Ernest Michael Jimenez

Cert: 3876000 A&P,IA

Date: 05/05/2022

Mike's PMS Inc
7201 South Airport Road Hangar 204
PEMBROKE PINES Florida 33023
305-542-0375

Make: Zodiac/Continental
Model: CH601XL SLSA/O-200A(32)
Tail: N601DN
S/N: 601-0465/256421

Hours: Tach 504.9 Hobbs 673.4

Completed Annual Inspection in accordance with 14 CFR 91.409 (a,1)(b) and to the scope and detail of 14 CFR 43 Appendix (D) and Zodiac CH 601 series & 650 checklist, February 2010 Rev 2
Compression results #1 72/80 #2 70/80 #3 74/80 #4 73/80. Removed cleaned, test and installed spark plugs, installed new top spark plugs PN:BR8ECM. Changed engine oil and filter With new oil filter PN:AA48108-2, oil drain gasket PN:AN900-10 and 6qts Phillips Victory 100AD. Removed and replaced air filter with new filter PN:BA-4108. Cleaned gascolator and installed new screen PN:10543-2.
Ran engine and found to be operating properly, no leaks found.
I certify this aircraft has been inspected IAW 14 CFR 91.409 (a,1) (b) and to the scope and detail of 14 CFR 43 appendix (D) and found it to be airworthy for this Annual inspection and approved for return to normal service.

Signed:

Name: Ernest Michael Jimenez

Cert: 3876000 A&P,IA

Date: 01/01/2023