

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: 03/10/2005

This engine model 10360ES6

, Serial No. 357962

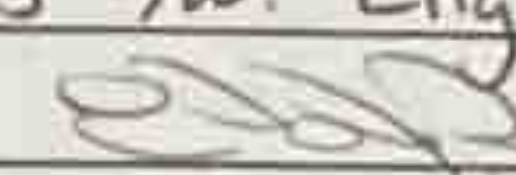

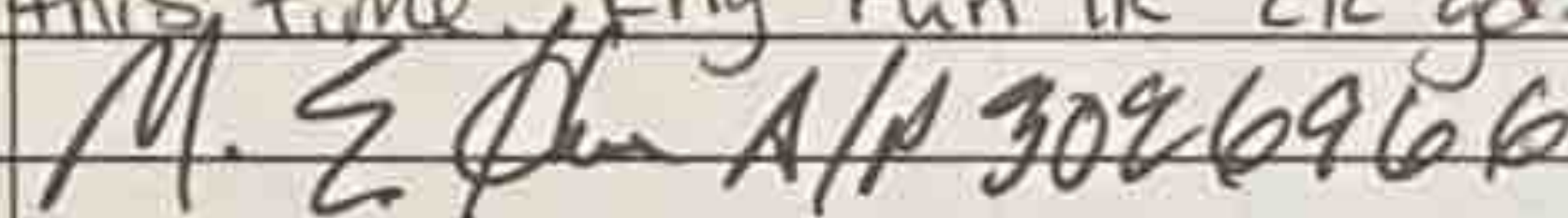


was manufactured on 03/09/2005

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. 505

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.	
9-16-05	83	10	83	1	Drained oil, changed filter P/N CH48108-1. Serviced with 8Qts Aeroshell 100 Plus Oil. Cut oil filter open, no metal flakes detected at this time. Removed CHT Probes #2 and #3, applied stabilant 22 to the probes. Re installed probes. Ops ck's c/w. Eng run 1k ck gd. IAW: MFR-MM  A/P 3026965
10-25-05	113	0	113	0	R&R Fuel Prime Pump off SN 1988 on 11839-0015 Leak checked & good Run good No Leaks Noted  A/P 2860491
12-15-05	130	6	130	6	Drained oil, changed filter P/N CH48108-1. Serviced with 8Qts Aeroshell 15W-50. Cut filter open, no metal flakes detected at this time. Eng run 1k ck gd. IAW: MFR-MM  A/P 3026966
5-1-06	190	5	190	5	Changed Oil & Filter P/N-CH48108-1. Serviced with 8 QTS Aeroshell 15W-50. Took Oil Sample & Insps Filter Element, No Defects Noted. Run & Leak Check Good. All Works As Rr MFRMM.  Eric W. Mengelson A&P 3026965
5-11-06	190	5	190	5	DIFFERENTIAL COMPRESSION 180/76 380/77 580/79 280/76 480/74 680/75  Eric W. Mengelson A&P 3026965

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	→				HOURS <u>190.5</u> DATE <u>5-11-06</u>
5-11-06	190	5	190	5	AT THE TIME OF THIS INSPECTION, I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Normal</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Eric W. Mengelson A&P 30269651A
7/26/06	271	3	271	3	Drained oil, removed and replaced Filter + replaced filter to 198 in pounds. Serviced engine with 8qt Aeroshell 100 plus. Ran engine and checked for leaks. None was found. John D. Vannoy A&P 1615280



MIRACLE STRIP AVIATION

Destin Airport
1001 Airport Road
P.O. Box 159
Destin Florida 32540
Anti-Drug/Alcohol Plan # B-S0-00156S

N# 349CD Feet (Hobbs): 332.7 Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: Removed cowl. Drained oil. Oil sample taken. R&R
oil filter P/N 48108-1. Oil filter check good. no sediment. Serviced with 8qts
Aeroshell 15W 50. Oil plug crush wash replaced. Eng run good. no leaks. IAW MFR-mm.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected in Accordance with Current Regulations of the FAA Administration and is Approved for Return To Service.

Signed: Justin Judice
For Miracle Strip Aviation CRS#DZJR423D

No. \$0-07-0010

Date: 1-11-07


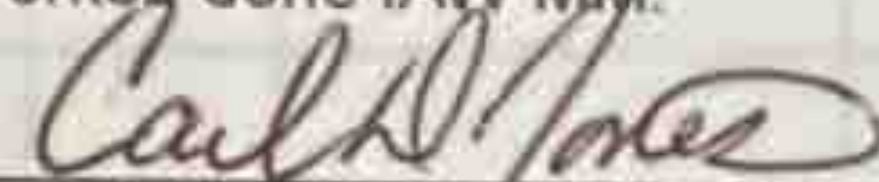
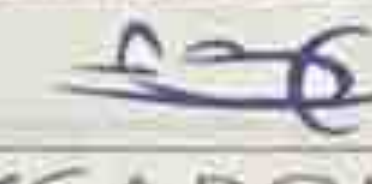
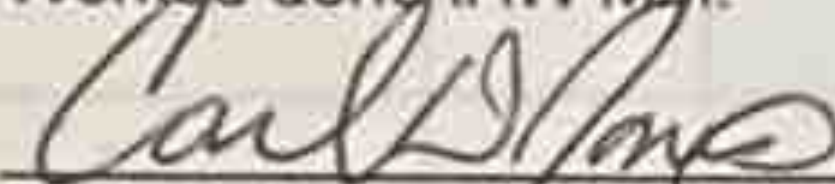

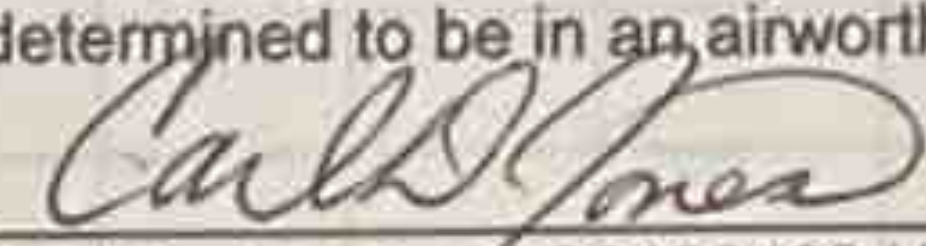
08/17/07 HOBBS: 360.2 N349CD SR20 S/N 1509 W.O. P19618W
ENGINE: ETSN: 360.2 S/N 357962

COMPLIED WITH A 100 HOUR INSPECTION IN ACCORDANCE WITH AIRCRAFT MAINTENANCE MANUAL AND FAR 43 APPENDIX D. DRAINED OIL AND INSPECTED THE FILTER. INSTALLED NEW FILTER P/N CH48108-1 AND SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL. PERFORMED COMPRESSION CHECKS: 1:76/80 2:74/80 3:76/80 4:75/80 5:66/80 6:76/80; MASTER ORIFICE 47. SET FUEL INJECTION SYSTEM IN ACCORDANCE WITH SID97-3C. PERFORMED TCM TOP CARE INSPECTION IN ACCORDANCE WITH SID97-2B. COMPLIED WITH TCM SB96-12 CYLINDER CRACK LEAK CHECK; NO LEAKS OR CRACKS DETECTED. CLEANED FUEL NOZZLES IN ACCORDANCE WITH TCM MAINTENANCE MANUAL. INSTALLED SERVICEABLE FUEL INJECTION MANIFOLD BRACKET P/N 646507 REFERENCE SERVICEABLE TAG DATED 8-16-07 WORK ORDER P19676W. COMPLIED WITH GROUND RUN AND LEAK CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

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	→				
 FLYCAROLINA AKH					
	11/26/2007		N349CD	TCM IO-360-ES6	S/N 357962
			Hobbs 406.6	ETT: 406.6	
	Drain Oil. Removed Oil Filter. Cut open oil filter – OK NDN. Installed oil plug with new gasket and secured. Installed new Oil Filter CH48108-1 and secured. Serviced engine with 8 quarts of AS100W50 oil. Check battery and serviced. Ground run Ops check – OK no leaks noted. Worked done IAW MM.				
	 Carl D. Jones A&P 2190462				
 FLYCAROLINA					
	06/16/2008		N349CD	TCM IO-360-ES6	S/N 357962
			Hobbs 452.9	ETT: 452.9	
	Drain Oil. Removed Oil Filter. Cut open oil filter – OK NDN. Installed oil plug with new gasket and secured. Installed new Oil Filter CH48108-1 and secured. Serviced engine with 8 quarts of AS100W50 oil. Tighten and secured #2CHT probe to elect connector. Check Alternator #1 with AMTEST MB-747 tester – Ops check – OK. Ground run check – OK no leaks noted. Worked done IAW MM.				
	 Carl D. Jones A&P 2190462				
 FLYCAROLINA					
	09/03/2008		N349CD	TCM IO-360-ES6	S/N 357962
			ETTIS 483.3	HOBBS 483.3	
	Performed Annual Inspection in accordance with Cirrus MM and CFR 14 Part 43 and 43 Appendix D. In addition the following maintenance items were accomplished: Replaced Bracket Air Filter BA-24 Element. Compression checks: #1 72/80, #2 75/80, #3 74/80, #4 70/80, #5 74/80, #6 73/80. Drained oil, cut filter element, no abnormal debris noted, Installed new CH48108-1. Inspected, cleaned oil screen – NDN. Serviced engine with 8 Quarts Aeroshell 100W50 oil. Cleaned gapped and tested spark plugs. Replaced # 4 Bottom Spark plug RHM38E. 500 Hour internal Inspection of Right Magneto Slick Model 6314 S/N 05012105 IAW SB3-08 - NDN. 500 Hour Internal Inspection of Left Magnet Slick Model 6314 S/N 05012104 IAW SB3-08 – Replacement of Distributor Block and Gear Assembly P/N K3823. Ground Ops check – OK. NDN.				
	I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.				
	 Carl D. Jones A&P2190462 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	→				

FLYCAROLINA

10/15/2009

N349CD

TCM IO-360-ES6

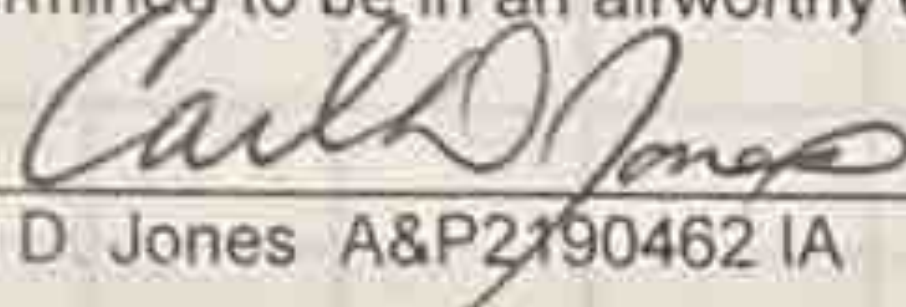
S/N 357962

ETTIS 496.7

HOBBS 496.7

Performed Annual Inspection in accordance with Cirrus MM and CFR 14 Part 43 and 43 Appendix D. In addition the following maintenance items were accomplished: Compression checks IAW TCM SB03-3: #1 72/80, #2 74/80, #3 68/80, #4 70/80, #5 70/80, #6 75/80. Replaced Bracket Air Filter BA-24 Element. Drained oil, cut filter element, no abnormal debris noted, Installed new CH48108-1 oil filter. Inspected, cleaned oil screen - NDN. Serviced engine with 8 Quarts Aeroshell 100W50 oil. Cleaned gapped and tested spark plugs. Removed and replaced Manifold Drain Tube on right side of engine with new TCM P/N 642580. Ground Ops check - OK. NDN.

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


Carl D. Jones A&P2190462 IA

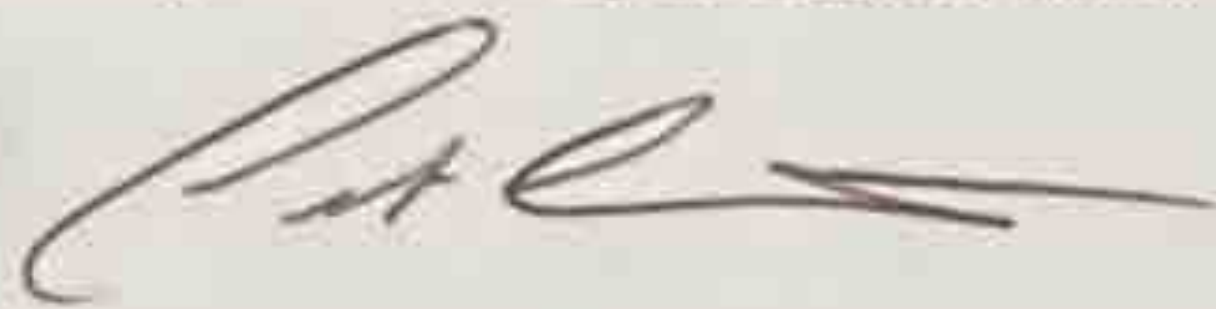
DAYTONA AIRCRAFT SERVICES

DATE: 8/05/2010

TACH: 528.9

ETT: 528.9

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. The following work was performed: Replaced all spark plugs with new RHM38E's Changed oil and filter 8Qts ASI100W. AD's checked to 2010-15 All work performed was in accordance with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO# 2567


Daytona Aircraft Services, inc. CRS DYTR262K

COMP 1) 74 2) 76 3) 73 4) 75 5) 75 6) 76


Daytona Aircraft Services, Inc.

Space Coast Aviation

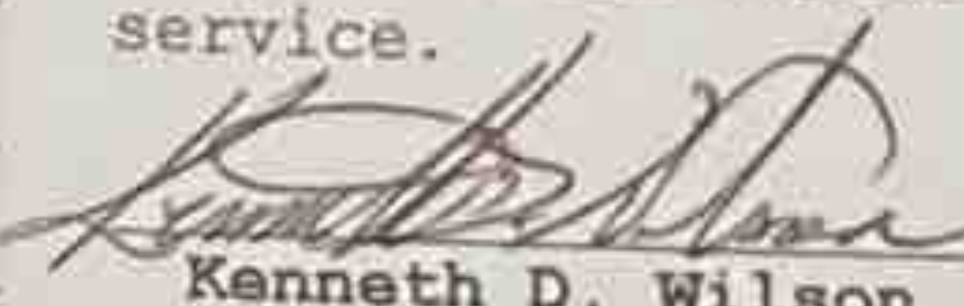
900 Airport Road, Merritt Island, Fl 32952. Tel: 321/453-2222

Date: September 1, 2011 Reg: N349CD Hobbs: 681.8

	Serial #	Total Time	TSMO
Airframe:	SR20-1509	681.8	
Engine:	357962	681.8	New
Prop:	FP3582B	681.8	New

I certify that an Annual inspection has been performed on this engine in accordance with FAR part 43 appendix D. Drained oil and replenished with 8 quarts Aeroshell W100. Replaced oil filter with new CH 48108-1 checked oil screen and cut open old oil filter, no metal particles noted. Cleaned, gapped, tested and refitted spark plugs. Inspected hoses, exhaust, fuel and induction systems and accessories. Replaced air filter with new Brackett BA-24. Performed differential compression test results as follows:
#1 74/80 #2 73/80 #3 75/80 #4 74/80 #5 75/80 #6 76/80psi.

AD's researched through issue 2011-18, No engine AD's due at this time. Engine Run up completed all indications normal. Engine determined to be airworthy and returned to service.


Kenneth D. Wilson

3109859 A&P

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

N349CD 10-10-2012 TT: 805.6

Performed an Annual Inspection on this Engine IAW Cirrus Airplane Maintenance Manual 05-20, pages 1-20 and was found to be in an Airworthy Condition.

1. Compression Test: (1) 70/80 (2) 72/80 (3) 76/80 (4) 62/80 (5) 64/80 (6) 69/80.
2. Drained oil and replaced filter (48108-2). Cut open filter and inspected for metal contaminants, none noted. Serviced with 8 qts. Aeroshell W100 oil.
3. Replaced Brackett Air Filter
4. Cleaned, gapped, installed Spark Plugs.
5. Sealed Rocker Valve Covers. No leaks noted.
6. C/W AD 2008-11-18 by Installing Overhauled Heat Exchanger Kit (P/N: 70201-002) and Shroud.
7. Performed Engine Run-up and Leak Check with satisfactory results.

Michael J. Brady
 Michael James Brady A&P 3267639 IA

TraxAir

TRAX AIR, LLC
 3122-C E. AMELIA ST
 ORLANDO, FL 32803

A/C: N349CD

TOTAL: 879.4

S/N: 1509

HOBBS: 879.4

MODEL: SR-20

WO# MXO-13-0327

07/02/2013

ENGINE:

DRAINED ENGINE OIL.

REPLENISHED ENGINE WITH 8 QTS OF AEROSHELL W100 OIL.

REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED.

INSTALLED OIL FILTER CH48108-1 AND SECURED.

GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED.

ALL WORK PERFORMED IAW M/M.

C. Wilson
 CHARLES WILSON
 AP 3114515

N349CD 11/05/13 TT: 890.0

Performed a 100 hr inspection per Cirrus Maintenance Manual and Part 43 Appendix D. Changed oil and filter 8 qts of Aeroshell 100AD and 48108-2 filter, cleaned and checked gap on plugs -cleaned engine, charged battery. Checked mag timing -performed cyl leakdowns as follows #1 70/80, #2 70/80, #3 73/80, #4 68/80, #5 71/80, #6 72/80. Checked for leaks inspected exhaust -nominal. Engine in AD compliance. Performed engine run up all systems good minus ALT 2 which is INOP at this time.

Michael J. Brady
 Michael J. Brady 3267639 A&P

8

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
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10/25/2018
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

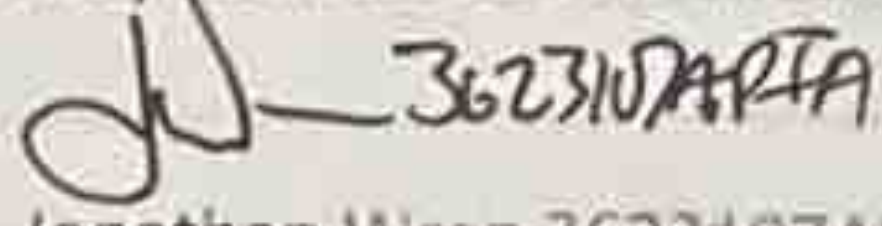
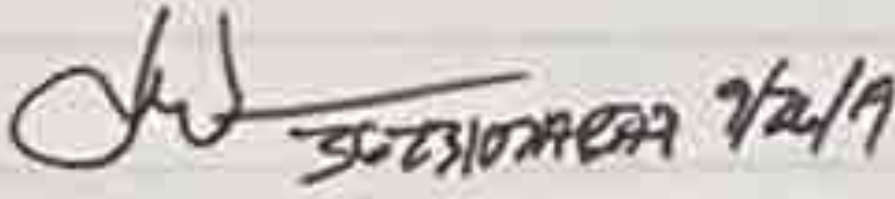
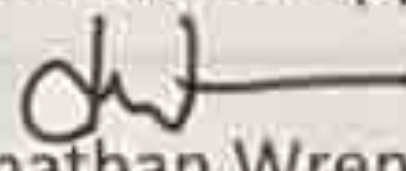
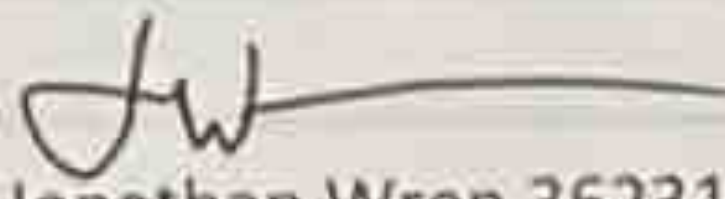
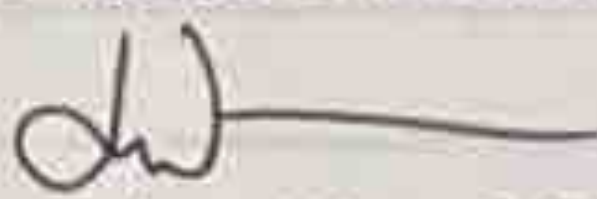

N: 349CD ENGINE
MAKE: CONTINENTAL
MODE: IO-360-ES
S/N: 357962
TACH: TT 1085.4
W/O#:

- 1) Compression @ 80 PSI 12)78 2)71 3)74 4)76 5)68 6)66
- 2) Changed oil and filter serviced 8 quarts Aeroshell 100W
- 3) Inspected old engine oil filter element washed down and leak checked engine
- 4) Complied with Cirrus ADS 2008-11-18 exhaust heat exchanged repeat 100 hour
- 5) Cleaned gapped and tested all spark plugs
- 6) Timed magnetos to engine
- 7) Installed correct hardware on prop governor control
- 8) Replaced #3 and #5 push rode tubes and seals
- 9) Replaced hardware on oil pressure relief adjustment

I certify this engine has been inspected in accordance with a 100 hour inspection using the manufactures recommendations and current Federal Air Regulations as guidelines. This engine was found to be in an airworthy condition and is approved for return to service

R Scott Lambert
A&P 3300566

N349CD	SR20-G2	SN: 1509	TTAF: 1084	Tach: 1131.8
Drained oil, changed filter cut open oil filter and checked pickup screen for FOD. Installed new filter PN: CH48109-1 and serviced engine with 8 quarts of Phillips XC20W50. Replace air filter with BA-24.				
				3623107APIA Jonathan Wren 3623107APIA 01/01/19
N349CD	SR20-G2	20-1509	TTAF: 1183.2	03/01/19
Drained oil inspected finger screen and oil filter. Replaced oil filter with PN: 48109-1. Filled with 8 quarts of Phillips XC20/50. Replaced right wing outboard fuel sump with new.				
CW: AD 2008-03-16 Next due 1283.2				3623107APIA Jonathan Wren 3623107APIA
N349CD	SR20-G2	20-1509	TTAF: 1232.0	06/06/19
Removed cylinder 6 exhaust riser and replace with new riser gaskets and nuts riser PN: 10349-003. Drained oil inspected finger screen and oil filter. Replaced oil filter with PN: 48109-1. Filled with 8 quarts of Phillips XC20/50. CW: AD 2008-03-16 Next due 1332.0				
				3623107APIA Jonathan Wren 3623107APIA

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 →						
N349CD	SR20-G2	20-1509	TTAF: 1247.0	07/25/19		
Removed spark plugs, inspected, gapped and reinstalled Spark plugs Torqued to 30ft Lbs installed ignition leads and performed engine run up check for roughness. Removed all 5 delaminated nose gear pucks, installed Nose Pucks PN: 11879-006 x5 and secured and pinned puck tray. Removed Backup attitude indicator for replacement of lamp tray after installation of lamp tray reinstalled and checked operation.						
					 Jonathan Wren 3623107APIA	
N349CD	SR20-G2	20-1509	TTAF: 1273.9.0	09/26/19		
Drained oil inspected finger screen and oil filter. Replaced oil filter with PN: 48108-1. Filled with 8 quarts of Phillips XC20/50 then inspected for leaks. CW: AD 2008-03-16 Next due 1373.9						
					 Jonathan Wren 3623107APIA	
N349CD	SR20-G2	SN: 1509	TTAF: 1068.2	Tach: 1287.3		
I certify an annual inspection has been performed on this engine. I found this engine to be in airworthy condition. This inspection was completed in accordance with 14 CFR Part 43 Appendix D.						
					 Jonathan Wren 3623107APIA 10/20/19	
N349CD	SR20-G2	20-1509	TTAF: 1323.2	11/15/19		
Drained oil inspected finger screen and oil filter. Replaced oil filter with PN: 48108-1. Filled with 8 quarts of Phillips XC20/50.						
					 Jonathan Wren 3623107APIA	
N349CD	SR20-G2	20-1509	TTAF: 1375.4	01/09/20		
Drained oil inspected finger screen and oil filter. Replaced oil filter with PN: 48108-1. Filled with 8 quarts of Phillips XC20/50. CW: AD 2008-03-16 Next due 1475.4						
					 Jonathan Wren 3623107APIA	
N349CD	SR20-G2	SN: 1509	Tach: 1420.1			
Drained oil, changed filter cut open oil filter and checked pickup screen for FOD. Installed new filter PN: CH48109-1 and serviced engine with 8 quarts of Phillips XC20W50.						
					 Charles Gregg 3832106 APIA 2/22/20	

[illegible]



Teledyne Continental Motors, Inc.

P.O. Box 90 Mobile AL 36601 • 334-438-3411



GAMA

Member Of GAMA
General Aviation Manufacturing Association

FORM No. ELB-01

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