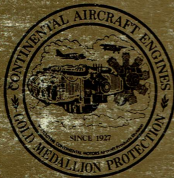




TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

REBUILT ENGINE LOG

N1AK

AIRCRAFT N NUMBER

TS10 360 EB3B

ENGINE MODEL NUMBER

809066-R

ENGINE SERIAL NUMBER

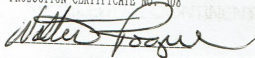
This engine model TSIO360EB3B, Serial No. 809066-R, was rebuilt/zero timed on 05/02/96 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS
M81-23	81-13-10	WOODRUFF KEY DELETED
N/A	81-23-02	REPLACED WITH NEW PART NUMBER
M88-4	88-03-06	REPLACED WITH NEW PART NUMBER
N/A	91-19-03	OIL FILTER CHANGE
M92-4	92-04-09	VISUAL INSPECTION
M92-16	N/A	CRANKSHAFT REPLACED
M93-6	N/A	REPLACED GEARS
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
N/A	94-14-12	N/A

SB	AD	REMARKS
CSB95-1A	95-08-10	N/A SERIAL NUMBER
CSB96-5		OIL PUMP DRIVE GEARS P/N 649506 & 649681

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8-1-97	LEFT TACH 4679.6 HRS COMPLETED ANNUAL INSPECTION THIS DATE. COMPRESSION READINGS WERE AS FOLLOWS, 1) 75% 2) 75% 3) 75% 4) 75% 5) 75% 6) 75% 7) 80% 8) 80%. CHANGED OIL AND FILTER, SERVICED ENGINE WITH 8 QTS MEROSHELL 15W50 OIL AND A CH48108 CHAMPION OIL FILTER. INSTALLED NEW INDUCTION AIR FILTER ELEMENT P/N BA-3 BRACKETT ELEMENT. R&R AIR BOX COVER TO REPAIR STOP FOR ALTERNATE AIR LEVER. R&R ALL SPARK PLUGS, CLEAN, ROTATE, & REINSTALL. WATER PUMP DRESSED LEADING EDGES OF BOTH PROPELLER BLADES. - END												
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. WORK ORDER NUMBER _____ <i>John M. Proctor</i> A4P 3686201401A												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
-9-98	LT. TACH. 4683.18 HRS.					R+R ENGINE COWL, INSTALL EZ-HEAT							MoDE
	440 ENGINE HEATER.					END					John J. Proctor		
											A413686201401A		

POPLAR GROVE AIRMOTIVE, INC.

4717.18 Tach TIME

N/A

AIRFRAME TOTAL TIME

2/10/98

DATE

N 1AK

Right Tach

1. Changed oil and filter - inspected old filter - refilled with 20-50 X/C.

End

ENGINE LOG

POPLAR GROVE AIRMOTIVE, INC.

4750.16TACH TIME

N/A

AIRFRAME TOTAL TIME

4/7/98

DATE

N 1AK

-LEFT ENGINE-

1. Changed oil and filter - inspected old filter - refilled with Shell 15-50.
2. Removed and reinstalled starter drive (tag attached).
3. Ground run-up.

End

David Noe

David Noe A&P344386227

ATURE

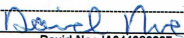
LICENSE
NUMBER

BROUGHT FORWARD

ENGINE LOG

[illegible]

ENGINE LOG

Left Tach 4822.63 TIME										SIGNATURE	LICENSE NUMBER
N/A		TOTAL TIME									
N/A		ENGINE TOTAL TIME									
N/A		S.M.O.H.									
9/25/98		DATE									
251.74 since reman											
1. Compression 1) 72/- 2) 76/- 3) 74/- 4) 74/- 5) 72/- 6) 74/80 2. Changed oil and filter, inspected old filter and refilled w/15-50 Shell. 3. Cleaned, gapped and tested plugs. 4. Checked mag timing. 5. Checked exhaust system. 6. Checked engine controls. 7. Checked air filter. 8. Washed down engine. 9. Ground run up. 10. C/W CSB96-1 by checking for valve tip wear - all normal.											
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION.										End  David Noe IA344386227	
POPLAR GROVE AIRMOTIVE, INC.											
BROUGHT FORWARD											
TOTALS											

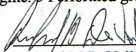
Poplar Grove Airmotive

Date: 2-8-99

Left ~~Right Tach: 4866.90~~ 4859.92 **N1AK**

DA

1. Drained oil Serviced engine with 7 qts Aeroshell 15W50 Oil. 2. Removed and inspected oil filter found ok. 3. Installed new CH48108 filter and safetied. 4. Washed down engine. 5 Performed ground run and leak check : No leaks found.



Richard M DeVall
A&P 364022712

SIGNATURE

LICENS
NUMBER

POPLAR GROVE AIRMOTIVE, INC.

4904.78TACH TIME

N/A

AIRFRAME TOTAL TIME

N 1AK

4/12/99

DATE

Left TACH

1. Changed oil and filter - inspected old filter - refilled with Shell 15-50 - test ran and checked for leaks.

End



David Noe A&P344386227

4951.27

POPLAR GROVE AIRMOTIVE, INC.

4958.27

TACH

N/A

AIRFRAME TOTAL TIME

7/1/99

DATE

N 1AK

DATE

ENSE
MBER

Changed oil and filters - inspect old filter - refill with Phillips 15-50 Shell



David Noe A&P344386227

BROUGHT FORWARD

TOTALS

CRAW Q1 THOLOM
2JAFOT

TIME ON	TIME IN	TOTAL TIME	SIGNATURE	LICENSE NUMBER
5.90 left	TACH			
N/A	TOTAL TIME			
N/A	ENGINE TOTAL TIME			
15.01	since reman			
08/1999	DATE			
ession 1) 73/ 2) 70/ 3) 70/ 4) 73/ 5) 70/ 6) 71/80 ed, gapped, and tested plugs ed oil and filter-inspect old filter-refill w/15-50 ed timing ed engine controls ed exhaust system down engine d run up				
THAT THIS <u>engine</u> HAS BEEN INSPECTED DANCE WITH <u>an annual inspection</u> und to be in an airworthy condition.				
David Noe IA344386227 POPLAR GROVE AIRMOTIVE				
FORWARD				
TOTALS				

ENGINE LOG

TIME ON	TIME IN	TOTAL TIME	REMARKS
4985.90 left			TACH
N/A			TOTAL TIME
N/A			ENGINE TOTAL TIME
415.01			since reman

N 1AK

Left engine

POPLAR GROVE AIRMOTIVE, INC.			
5033.22			LEFT TACH
N/A			TOTAL TIME
N/A			SMOH
04/04/2000			DATE

N 1AK

anged oil and filter-inspect old filter-refill with 15/50

END

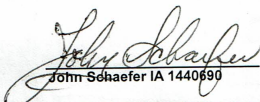
David Noe A&P 344386227

David Noe

SIGNATURE

LICENSE
NUMBER

ENGINE LOG

TIME ON		TIME IN	TOTAL TIME	SIGNATURE	LICENSE NUMBER
4985.90 left	TACH				
N/A	TOTAL TIME				
N/A	ENGINE TOTAL TIME				
415.01	since reman				
			N 1AK		
			Left engine		
5072.9	TACH				
N/A	TOTAL TIME				
N/A	S.M.O.H				
N/A	T.S.O.H.				
08/25/2000	DATE				
			N 1AK		
Drained oil Removed oil filter and inspected; no metal particles evident Installed new element CH48108 and refill eng with 7 Qts 15W50 Aeroshell Performed ground check out no leaks					
			 John Schaefer IA 1440690		
POPLAR GROVE AIRMOTIVE, INC.					
David Noe A&P 344386227					

POPLAR GROVE AIRCRAFT, INC.	
527.24	Since Reman
5098.13	LT. TACH
11/08/2000	DATE

N **1AK**

1. Compression 1) 70/ - 2) 72/ - 3) 70/ - 4) 68/ - 5) 66 - 6) 64/80
 filter- refill with 15/50 Shell

2. Changed oil and filter- inspect old

3. Clean, gap, test plugs - installed four new plugs

4. Removed both

magnetos - 500hr. Inspection - AD 96-12-07 C/W - reinstalled and timed

5. Noted AD98-19-02 does not apply -

due to overhaul date

6. Noted AD2000-08-51 does not apply - due to overhaul due to overhaul date.

7. Noted AD2000-11-51 does not apply - Slick mags are not installed.

8. Check engine controls

9. Replaced air filter element

10. Wash down engine

11. Ground run up

*****END*****

I certify that this Engine has been inspected in
 accordance with an annual inspection and was
 found to be in an airworthy condition

 David Noe IA344386227

LICENSE
NUMBER

N 1AK

- | | |
|--|--|
| 1. Compression 1) 70/- 2) 72/- 3) 70/- 4) 68/- 5) 66 - 6) 64/80 | 2. Changed oil and filter- inspect old |
| filter- refill with 15/50 Shell | 3. Clean, gap, test plugs - installed four new plugs |
| magnetos - 500hr. Inspection - AD 96-12-07 C/W - reinstalled and timed | 4. Removed both |
| due to overhaul date | 5. Noted AD98-19-02 does not apply - |
| 6. Noted AD2000-08-51 does not apply - due to overhaul due to overhaul date. | |
| 7. Noted AD2000-11-51 does not apply - Slick mags are not installed. | 8. Check engine controls |
| 9. Replaced air filter element | 11. Ground run up |
| 10. Wash down engine | |

*****END*****

I certify that this Engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition

David Noe IA344386227

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LIC. NO.	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
5/7/01	Tach	5151.00				Changed oil and Filter Added 8qts Aeroshell 15W50 Checked filter for metal - ok. Test run - leak checked / Ray N. Wadich ATP 393665855								
7-01	Tach	5199.80 Hrs.				Changed oil and filter Added 8qts Aeroshell 15W50. Checked filter - no metal. Test Run and leak checked ok. / Ray N. Wadich ATP 393665855								
2-14-01	Tach	5219.75 Hrs				655.75 SFREM Performed annual inspection JTC PA 34-2007 Service Manual. Checked timing and compression - #16450 #271/20 #371/20 #471/20 #571/20 #671/20 Cleaned and gapped plugs. Installed 6 new RHM 38E Changed oil and checked filter - ok. Added 8qts Aeroshell 15W50. AD901207 due at 5598.13 Tach. See Complete log in aircraft records. Repaired battling. Installed new battery test run engine - ok. I certify that this Engine has been inspected JTCW an Annual Inspection and was found to be in an airworthy condition. / Ray N. Wadich ATP JIA 393665 Noble Aviation LLC								
BROUGHT FORWARD														
TOTALS														

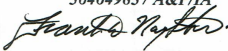
ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE 004	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	<u>LT:Engine : Continental TSIO 360 EB3B / SN 809066-R.</u> <u>TT: 5426.90 / TSMOH 829.91</u> On this day 03-01-04 This Engine has been inspected IAW <u>Continental & Piper</u> maintenance & inspection manuals Clean,Inspect & lube all eng. Controls. Remove clean, gap & reinstall plugs. Check mag timing. Change oil and filter W/AeroShell and Champion Filter 48108-1. Inspect Fuel, mag & induction systems for function,Comp ck (1)70/80 (2) 72/80 (3) 70/80(4) 70/80 (5) 70/80 (6) 72/80 . ops check ok. ALL AD's C/W at this time see AD list. <i>On this day 03-01-04 This Engine has been inspected IAW an annual inspection and has been determined to be in an airworthy condition at this time.</i> AIRMAC INC. Frank D. Napolitano 364649837 A&P/IA 												
BROUGHT													

L/H

[illegible]

ENGINE LOG

[illegible]

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		
8-1-08	LEFT TACH TIME: 5836.5 ENGINE TOTAL TIME: 1239.51 PERFORMED ANNUAL INSPECTION IAW PAX SERVICE MANUAL AND FAA PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST 1) 69/80 2) 52/80 3) 66/80 4) 59/80 5) 68/80 6) 72/80. CHANGED ENGINE OIL AND OIL FILTER. INSPECTED CH48108-1 FILTER AND SERVICED ENGINE WITH 8 QUARTS 15W50 AGULOSHELL. INSPECTED OLD OIL FILTER, NO DISCREPANCIES NOTED. CHECKED MAGNETO TIMING. INSPECTED MAGNETO, VACUUM PUMP, STARTER, ALTERNATOR, BOX, TURBO CHARGER, ELECTRIC & ENGINE DRIVEN FUEL PUMPS, PROP CONTROLLER, OIL COOLER. INSPECTED ALL ELECTRICAL AND FLUID LINES. INSPECTED FUEL NOZZLES AND LEAK CHECKED FUEL LINES. CLEANED, CAPPED & ROTATED SPARK PLUGS. INSPECTED AND LUBED ENGINE CONTROLS. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED ENGINE MOUNT, STRUCTURE AND FIREWALL. WASHED ENGINE. PERFORMED LEAK CHECK AND PROVED RUN. ALL TEMPERATURES AND PRESSURES NORMAL. AD'S CHECKED THROUGH BI-WEEKLY 2008-15F. NO REPAIRS REQUIRED. AD'S DUE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  ADP 385847988 IA											
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER		
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.					
15/09	TACH	5869.2	DRAINED ENGINE OIL, REPLACED WITH 2 QTS			ACROSSHILL 15-50 John P. when now NCR PILOT 2831087									
9-1-09	LEFT TACH TIME: 5879.6 ENGINE TOTAL TIME: 1282.61 PERFORMED ANNUAL INSPECTION IAW PILOT SERVICE MANUAL AND FAL PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TESTS 1) 68/80 2) 60/80 3) 71/80 4) 62/80 5) 54/80 6) 65/80. CHANGED ENGINE OIL AND OIL FILTER. INSTALLED CH48108-1 FILTER AND SERVICED ENGINE WITH 8 QUANTS ABLOSHHELL 15W50 OIL. INSPECTED OLD OIL FILTER - NO DISCREPANCIES NOTED. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETO'S, VACUUM PUMP, STARTER, ALTERNATOR, AIR BOX, TURBO CHARGER, ELECTRIC AND ENGINE DRIVEN FUEL PUMPS, PROP GOVERNOR, OIL COOLER. INSPECTED AND CLEANED FUEL NOZZLES. INSPECTED ALL ELECTRICAL, WIRING AND FLUID LINES. CLEANED, GRAPPED AND ROTATED SPARK PLUGS. INSPECTED AND LUBED ALL ENGINE CONTROLS. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED ENGINE MOUNT, STRUCTURE AND FIREWALL. WASHED ENGINE. PERFORMED LEAK CHECK AND PERFORMANCE RUN, ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AID'S THROUGH BI-WEEKLY 2009-17E. NO NEW OR REMAINING AID'S DUE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.														
BROUGHT FORWARD												Eugene A&P 385847988 IA.			
TOTALS															

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		
10-22-10	TACH	TIME:	5902.9			ENGINE TOTAL TIME: 1305.91.					PERFORMED ANNUAL INSPECTION (AW) APEL SERVICE	
	MANUAL AND FUEL PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSOR											
	1) 72/80 2) 60/80 3) 68/80 4) 50/80 5) 50/80 6) 65/80. CHANGED ENGINE OIL AND OIL FILTER											
	CH 48108-1 FILTER AND SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W 50 OIL. INSPECTED OLD OIL											
	NO DISCREPANCIES NOTED. CLEARED FUEL INJECTION NOZZLES. CLEARED, GAPPED, AND ROTATED SPARK PLUGS											
	MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETOS, STARTER, ALTERNATOR, FUEL SENS, AIRBOX, VACUUM											
	OIL COOLER, FUEL PUMPS, TURBO CHARGER AND PROP GOVERNOR. INSPECTED INTAKE AND EXHAUST SYSTEMS											
	INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED ALL ELECTRICAL, WIRING AND FUEL LINES											
	INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. INSPECTED CYLINDER ASSEMBLIES. WASHED ENGINE											
	PERFORMED LEAK CHECK AND PERFORMANCE RUN. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED											
	THROUGHOUT WEEKLY 2010 - 21F. NO NEW OR RECURRING A/S DUE AT THIS TIME. AD 2010-11-01											
	DUE TO DATE OF ENGINE OVERHAUL, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE											
	WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.											
	E. J. [Signature] AWP 385847988 IA.											
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12-1-11	TACH TIME: 5925.2		ENGINE TOTAL TIME: 1328.21			PERFORMED ANNUAL INSPECTION		LAW PIASEL SEVECA					
II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1) 72/80 2) 54/80 3) 66/80 4) 54/80 5) 51/80 6) 67/80. DID NOT CHANGE THE ENGINE OIL OR OIL FILTER AT THIS TIME. CHECKED MAGNETO-TO-ENGINE TIMING. CLEANED, GAPPED AND ROTATED SPARK PLUGS. CLEANED FUEL INJECTOR NOZZLES. INSPECTED MAGNETOS, STAMPER, ALTERNATOR, FUEL SOLNO, AIR BOX, VACUUM PUMP, OIL COOLER, FUEL PUMPS, TURBO CHARGER ASSEMBLY, PROP GOVERNOR. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED ALL ELECTRICAL WIRING AND FLUID LINES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. INSPECTED CYLINDER ASSEMBLIES. WASHED ENGINE. PERFORMED LEAK CHECK AND PERFORMANCE RUN. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED A/C THROUGH BI-WEEKLY 2011-24. NO NEW OR RETURNING A/C'S DUE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>[Signature]</i> AIP 385B47988 IA.													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		
3-4-12	TACH	TIME: 5932.7	CHANGED ENGINE OIL AND OIL FILTER. INSTALLED CH48108-1 FILTER									
	SERVICES ENGINE WITH 8 QUANTS AEROSHELL 15W50 OIL INSPECTED OLD OIL FILTER - NO DISCREPANCIES NOTED. RUN-UP AND LEAK CHECK OK. INSTALLED NEW MIXTURE CONTROL CARB. PIN: 554-295 AND RIGGED PER APER SERVICE II SERVICE MANUAL. OPS CHECK NORMAL.											
8-25-12	TACH TIME	5952.9	CHANGED ENGINE OIL AND OIL FILTER. INSTALLED CH48108-1 FILTER AND SERVICED ENGINE WITH 8 QUANTS AEROSHELL 15-50 OIL. J. B. [Signature]									
2-15-13	TACH: 5974.5	ENGINE TOTAL TIME: 1327.51	PERFORMED ANNUAL INSPECTION IAW APER SERVICE MANUAL AND FAN PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1) 74/80, 2) 75/80, 3) 77/80, 4) 74/80, 5) 70/80, 6) 75/80. DID NOT CHANGE ENGINE OIL OR OIL FILTER. INSPECTED AND CLEANED FUEL INJECTION NOZZLES, CLEANED AND ROTATED SPARK PLUGS. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED ALL ELECTRICAL WIRING AND FLUID LINES. INSPECTED MAGNETOS, STATOR, ALTERNATOR, OIL COOLER, VACUUM PUMP, FUEL PUMP, FUEL INJECTION SYSTEM, AIR BOX, TURBO CHARGER, PROP GOVERNOR.									
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	PLUG LEADS, CYLINDER ASSEMBLIES. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED ENGINE MOUNT FRAME AND STRUCTURE. INSTALLED NEW DRIVE COUPLER P/N: 635796, S/N: DKK 11677 ON ALTERNATOR. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. PERFORMED LEAK CHECK AND PERFORMANCE RUN. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AD'S THROUGH BILWEEKLY 2013-04. NO NEW OR RECURRING AD'S DUE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>[Signature]</i> AEP 385847988 IA.												
	7/29/18 Tach changed ENGINE OIL & FILTER (11448108), AEROSOL, 15.50 gal. WHO OWNER/OPERATOR 2831087 36037492												
	8/2/3 REMOVED + REPLACED 21, 3, & 5 CYLINDERS TACH TIME 2831087 INSTALLED PART # 655478 S/N 91673, 87251-1, AND 93831 <i>[Signature]</i> AEP 385847988 IA.												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

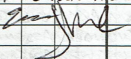
ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	THROUGH 15 WEEKLY 2014-05. NO NEW OR RECURRING AD'S DUE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.												
	Eugene AAP 385847988 IA.												
9-5-14	TACH TIME: 6130.7 INSTALLED NEWLY OVERHAULLED CYLINDERS IN #2 AND #4 POSITIONS. SEE HARRISON ENGINE WORK ORDER. INSTALLED NEW GASKETS AND SEALS. INSTALLED CYLINDER IN ACCORDANCE WITH TELEDYNE CONTINENTAL TS10-360 SERVICE/OVERHAUL MANUAL. RUN-UP AND LEAK CHECK OK.												
	Eugene AAP 385847988 IA												
10-29-14	Tach Time 6142.0 CHANGED OIL. INSTALLED 8 QTS OF AEROShell 75-50 OIL.												
11-18-14	Tach 6173.2 CHANGED ENGINE OIL AND FILTER USING 8 QTS AEROShell 75-50 AND C1748168-1 OIL FILTER												
	John P. H. OWNER												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSING NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Date: Jan 6, 2015 Tach Time: 6182.2 Eng total time: 1585.2 Make: Continental Model: TSIO-360-EB3B S/N: 809066-R N73FS Removed right mag, model no. S6LSC-25, P/N 10-500556-3, S/N D119615DR and replaced oil seal P/N AB357592, oil slinger ring P/N 10-51678, and carbon brush P/N 10-160844. Reinstalled mag with new gasket P/N 534750 and set timing to 20 DBTDC. Ran engine, ops checked mag ok. All I/A/W TCM Igniton System Sevice Manual section S/20 and Piper Service manual para 8-34. Engine is approved for return to service this date. Signature: <u>Buchanan Kuzmack</u> A&P: <u>3440119</u>													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4-1-15	LEFT TACH: 6199.9 ENGINE TOTAL TIME: 1602.91 PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH AIPER SENECA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 74/80, 69/80, 72/80, 60/80, 64/80, 53/80. CHANGED ENGINE OIL AND OIL FILTER. INSTALLED CH48108-1 OIL FILTER AND SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W50 OIL. INSPECTED OIL FILTER - NO DISCREPANCIES NOTED. INSPECTED AND CLEANED FUEL INJECTION NOZZLES. CLEANED, GRAPED AND ROTATED SPARK PLUGS. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED ALL ELECTRICAL, WIRING AND FLUID LINES. INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED TURBO CHARGER COMPONENTS. INSPECTED MAGNETOS, STATOR, ALTERNATOR, VACUUM PUMP, OIL COCK, FUEL PUMP, FUEL SEND, FUEL INJECTION SYSTEM, AIR BOX, PROP GOVERNOR, SPARK PLUG LEADS AND CYLINDER ASSEMBLIES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. PERFORMED ENGINE RUN-IN AND LEAK CHECK. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AD'S THROUGH 61-WEEKLY 2015-07. NO NEW OR RECOVERING AD'S DUE AT THIS TIME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  APR 30 2015 JJA												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

20/905/02

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AO'S THROUGH BI-WEEKLY 2016-10. NO NEW OIL REQUIRING AO'S DUE AT THIS TIME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>[Signature]</i> AEP 385847988 IA.												
7/2/16	LEFT TACH 6291.9 CHANGED ENGINE OIL - INSTALLED 8 QUARTS OF AEROSHELL 1550 <i>[Signature]</i> OWNER 283087												
3/30/17	LEFT TACH 6325.0 CHANGED ENGINE OIL - INSTALLED 8 QUARTS OF AEROSHELL 1550 <i>[Signature]</i> OWNER 2831087 ALSO INSTALLED NEW CH 48102-1 OIL FILTER												
6-14-17	LEFT TACH: 6327.5 ENGINE TOTAL TIME: 1730.5 PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH P1EN SERENA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1) 70/80 2) 60/80 3) 70/80 4) 68/80 5) 56/80 6) 76/80. INSTALLED NEWLY OVERTHAULED CYLINDER IN #6 POSITION. CYLINDER SUPPLIED BY STANLEY GRAMES, DRAINED ENGINE OIL AND SERVICED ENGINE WITH 8 QUARTS PHILLIPS 20W50 STRAIGHT MINUM OIL. INSPECTED AND CLEANED FUEL INJECTOR												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

1

1

- 1

1

1

—

1

1

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		
2018												
1/26	TACH 6352.1					DRAINED ENGINE OIL					REPLACED USING 15W-50 OIL	
	8 PT 121103					1250 OIL					OWNER 223102	
7-23-18	LEFT TACH: 6364.6					ENGINE TOTAL TIME: 1767.6					PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENeca II SERVICE MANUAL AND CAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1) 74/80 2) 72/80 3) 74/80 4) 74/80 5) 73/80 6) 75/80	
						CHANGED ENGINE OIL ON OIL FILTER AT THIS TIME (SEE PREVIOUS LOG BOOK ENTRY). INSPECTED ALL FUEL INJECTION NOZZLES. CLEANED, GAPPED AND ROTATED SPARK PLUGS. CHECKED MAGNETO-TO-ENGINE TIMING. REMOVED OIL COOLER WINTERIZATION PLATE. REBONDED ONE OIL SUMP HEATER PAD.						
						ALL ELECTRICAL, WIRING AND FLUID LINES. INSPECTED FIREWALL, ENGINE MOUNT AND STRUCTURE						
						INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED AIR TURBO CHARGER COMPONENTS. INSPECTED ALTERNATOR, AIR BOX, PROPPELLER GOVERNOR, OIL COOLER, MAGNETOS, VACUUM PUMP, FUEL SOLENOID, FUEL SYSTEM, FUEL PUMP, CYLINDER ASSEMBLIES AND SPARK PLUG LEADS. INSPECTED AND LUBRICATED ALL CONTROLS. INSPECTED COWL GLASS ASSEMBLY. WASHED ENGINE. PERFORMED ENGINE RUN-UP AND LEAK CHECK. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED A/C THROUGH BI-WEEKLY 2018-19						
						NEW OR REQUIRING AD'S DUE AT THIS TIME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN						
BROUGHT FORWARD												
TOTALS												

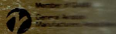
ENGINE LOG

[illegible]

 TELEDYNE CONTINENTAL MOTORS

★ P. O. BOX 90, MOBILE ALABAMA 36601

Form No. X33511



FAA Airworthiness Directive Compliance Record

6120 E. Houghton Lake Drive Houghton Lake, MI 48629
989-368-4903

Report Produced By: Cornerstone Aircraft
Maintenance

Conformant Revision: 10/11/2010		File ID: N73FS		Aircraft Registration: N73FS		Serial #: 809006-R	
Manufacturer	Category	Description	Complied Date	Amendment Number	Once or Recur	Next Due Date	1. Facility 2. Cert. Num. 3. Cert. Type 4. Author: By
Teledyne Continental	Engine			Method of Compliance/Applicability			
81-13-10 R1 11/20/1981		TO PREVENT OIL PUMP DRIVE SHAFT FAILURE AND SUBSEQUENT ENGINE FAILURE DUE TO OIL PRESSURE LOSS			Once		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
81-23-02 10/30/1981	④ATP	TO PREVENT POSSIBLE FAILURE OF THE OIL FILTER ADAPTER GASKET			④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
88-03-06 4/15/1988	④ATP	TO PREVENT POSSIBLE LOSS OF ENGINE OIL AND SUBSEQUENT ENGINE FAILURE			④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
91-19-03 9/29/1991	④ATP	TO PREVENT OPERATION WITH COLLAPSED OIL FILTER RESULT IN LOSS OF OIL PRESSURE, CONTD.			④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
92-02-20 E R1 2/3/1992	④ATP	Superseded by 92-04-09			④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
92-04-09 6/22/1993	④ATP	TO PREVENT ENGINE FAILURE CAUSED BY FAILURE OF THE ROCKER SHAFT HOLD DOWN STUD			④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger
④ATP	④ATP				④ATP		1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365847988 4. Eric J. Jaeger

Printed 10/24/2010 3:20:19PM

Page 1 of 3

FAA Airworthiness Directive Compliance Record

6220 E. Houghton Lake Drive Houghton Lake, MI 48629
989-366-4503

Report Produced By: Cornerstone Aircraft
Maintenance

Continental Revision: 10/11/2010

File ID: N73FS

Aircraft Registration: N73FS

FAA AD Number Effective Date	Category	Description	Completed Date Time	Amendment Number Method of Compliance/Applicability	Once or Recur	1. Facility 2. Cert. Num. 3. Cert. Type 4. Author. By
Manufacturer Teledyne Continental	Engine	Model	Part #:			Serial #:
93-10-02 8/12/1993	TO PREVENT AN ENGINE FAILURE DUE TO A MISSING CYLINDER VALVE RETAINER KEY	TSIO-360-EB	Once	DINA by engine serial number.	Once	1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365047988 4. Eric J. Jerocy
94-14-12 L 6/23/1994	Superseded by 95-21-15	③ATP	Once		③ATP	Signature: <i>EJ Jerocy</i>
95-08-10 7/10/1995	TO PREVENT ENGINE FAILURE DUE TO INCORRECTLY ASSEMBLED TURBOCHARGER OIL OUTLET CHECK VALVE, WHICH COULD CONTD.	③ATP	Once	DINA by engine serial number.	Once	1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365047988 4. Eric J. Jerocy
95-21-15 1/28/1995	TO PREVENT DETONATION DUE TO LOW OCTANE, WHICH CAN RESULT IN SEVERE ENGINE DAMAGE AND SUBSEQUENT FAILURE	③ATP	Once	DINA. Aircraft registration not listed in the text of the AD.	Once	Signature: <i>EJ Jerocy</i>
97-26-17 C 1/23/1998	TO PREVENT CRANKSHAFT FAILURE AND SUBSEQUENT ENGINE FAILURE	③ATP	Recur	CHECK/CHECK. AD is due at next engine overhaul or crankshaft removal.	Recur	1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365047988 4. Eric J. Jerocy
2000-08-51 E 4/28/2000	Superseded by 2000-23-21	③ATP	Once		Once	Signature: <i>EJ Jerocy</i>
③ATP	③ATP		Once		Once	1. Cornerstone Aircraft Maint 2. ASP - JA 3. 365047988 4. Eric J. Jerocy
③ATP	③ATP		Once		Once	Signature: <i>EJ Jerocy</i>

Printed 10/24/2010 3:20:18PM

③ATP

Page 2 of 3

FAA Airworthiness Directive Compliance Record

Report Produced By: Cornerstone Aircraft

5220 E. Houghton Lake Drive Houghton Lake, MI 48623
989-366-4903

Content Revision: 10/11/2010			File ID: N73FS		Aircraft Registration: N73FS		
FAA AD Number Effective Date	Description	Complied Date Time	Amendment Number Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author: By	
Manufacturer Teledyne Continental	Category Engine	Model TSIO-360-EB	Part #: 809066-R Serial #:				
2000-11-51 E 6/7/2000	Superseded by 2002-13-04			Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		
2009-23-21 12/12/2000	To prevent crankshaft connecting rod journal fracture, which could result in total engine power/contd.		DNVA by engine serial number.	Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		
2002-13-04 C 7/12/2002	To prevent engine failure and loss of control of the airplane due to migration of the mispelo impeller/contd.		DNVA, Engine not equipped with Slick magnets.	Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		
2009-24-51 E 11/16/2009	Superseded by 2009-24-52			Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		
2009-24-52 E 11/18/2009	To prevent excessive hydraulic filter wear, which can result in loss of engine power & loss of control of the airplane		DNVA, Engine equipped with original filters installed at engine overhaul dated 5-2-1996.	Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		
2010-11-04 6/16/2010	To prevent excessive hydraulic filter wear, which can result in loss of engine power & loss of control of the airplane	5/27/1996 4554.0	DNVA due to date of engine overhaul.	Once		1. Cornerstone Aircraft Maint 2. A&P - JA 3. 385847988 4. Eric J. Jirach	
@ATP	@ATP			@ATP	Signature:		

Printed 10/24/2010 3:20:19PM

Page 3 of 3

Printed 10/24/2010 3:20:19PM

Page 3 of 3