

LT. ENG.

NEW ENGINE LOG

1A4002-11

AIRCRAFT N NUMBER

TS10360KB10B

ENGINE MODEL NUMBER

320077

ENGINE SERIAL NUMBER

 TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

Gold Medallion® Warranty protection

All Teledyne Continental Motors engines delivered as original equipment after January 1, 1980 are protected by TCM's exclusive Gold Medallion Warranty. This new warranty provides extended protection to the TBO of your engine. See your TCM distributor for all the facts or write direct to Teledyne Continental Motors for a free brochure.

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

P. O. Box 90 • Mobile, Alabama 36601

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 (205) 438-3411, publications department, for information.

This engine model TS10360KB10B, Serial No. 320077,
was manufactured on 5-22-90 by Teledyne Continental
Motors in accordance with approved design data and the applicable
requirements of Part 21 of the Federal Aviation Regulations. The
approved design data for this engine incorporates all changes required by
applicable Airworthiness Directives and Teledyne Continental Motors
Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

H. D. Reed

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

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.			
93 7.26						<i>HOBBS</i>			231	2	CARRIED FWD FROM INITIAL LOG	<i>M. S. [Signature]</i>	1725576A7D
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.			
5-3-95						439	0		439		Chg Oil & Filter Aeroshell 15w50	RDS	092349358
10-15						480			480		CHANGED OIL AND FILTER AEROSHELL 15W 50	K. D. Smith	269062804
1-1-96			Tach	529							Cleaned Gapped and Rotated All Spark Plugs. changed oil and Filter with Champion 48108 Filter and 8 Quarts of Aeroshell 15w50 oil. C/w AD 78-09-07 R3 Bendix impulse couplings found ok DUE Again AT Tach 1029. AD 82-27-03 Rayson Turbochargers DUE AT Tach 598.2 C/w AD 84-26-02 Inlet Air Filter DUE AT 1029 Tach. Performed Engine Run-up leak checked no Defects noted.		
<p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>COOPERATIVE</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.</p> <p><i>Mud</i> AWP 213625543/A</p>													
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.			
8-1-96						560			560		Change Oil & Filter 8 qts Henshell 15 w 50		
											Stulmiller # 92349358		
6-2-96						595			595		Change Oil & Filter 8 qts Aeroshell 15w 50		
											Stulmiller # 92349358		
12/3/96						649.5			649.5		Replaced vacuum pump with new pump mod 441CC-7 sin 4A m111. Replaced vacuum pump drive seal. Replaced vacuum inlet filters and inlet hose. Ran and tested operation		
<p>MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Permanent details of the repair are on file at this agency under work order.</p> <p>No. <u>79835</u> Date <u>12/3/96</u> Signed <u>Hugh B. [Signature]</u> for LAURENCE AIRCRAFT ELECTRONICS, INC. Akron-Canton Regional Airport North Canton, Ohio 44720</p>													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

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.			
12/23/97	Abbbs		6	94	3						Performed an Annual inspection. Compression check #1 7480 #2 7480 #3 7480 #4 7480 #5 7510 #6 7380. Changed oil + filter. 8QT 15W-50 Aeroshell was added. Plugs were cleaned, gapped and rotated. Magns were inspected and timing checked. Replaced air box hoses. Replaced the vacuum pump drive seal. Replaced the magneto pressurization filters. AD 82-27-3 Rejct Turbo Housing inspection does NOT apply. New style housings are installed. Engine was washed down, fan and checked for leaks. AD's checked thru 97-25		
<p style="text-align: right;">TOTAL TIME <u>694.3</u></p> <p>TACHOMETER <u>694.3</u> I CERTIFY THAT THIS (<u>ENGINE</u>) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (<u>Annual</u>) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER: NO. <u>81126 Thru 81130, 81132 + 81133</u></p> <p>DATE <u>12/23/97</u> SIGNED <u>Wendell B. Payne</u></p> <p>FOR LAURENCE AIRCRAFT-ELECTRONICS INC. AKRON CANTON AIRPORT NORTH CANTON, OHIO 44720 FAA REPAIR STA. <u>CL11070X</u></p>													
BROUGHT FORWARD													
TOTALS													

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.			
11/11/99	Abbbs		7	35	9						Performed an Annual inspection. Compression Check #1 7980 #2 7380 #3 7480 #4 7380 #5 7080 #6 7580. Changed oil + filter. 8QT 15W-50 Aeroshell was added. Plugs were cleaned, gapped and rotated. Replaced the contacts in the right mag. Checked mag timing. Replaced the Turbo Charger Housing clamp. Engine was washed down, fan and checked for leaks. AD's checked thru 98-25		
<p style="text-align: right;">TOTAL TIME <u>735.9</u></p> <p>TACHOMETER <u>735.9</u> I CERTIFY THAT THIS (<u>ENGINE</u>) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (<u>Annual</u>) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER: NO. <u>82349 Thru 82353</u></p> <p>DATE <u>11/11/99</u> SIGNED <u>Wendell B. Payne</u></p> <p>FOR LAURENCE AIRCRAFT-ELECTRONICS INC. AKRON CANTON AIRPORT NORTH CANTON, OHIO 44720 FAA REPAIR STA. <u>CL11070X</u></p>													
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.			
	10/19/99	Hobbs	739.0										
<p>MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under work order: No. <u>1895</u> Date <u>10/19/99</u> Signed <u>Harold B. Meyer</u> G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</p>													
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.			
	10/20	Hobbs	743.2										
<p>Hobbs replaced - reads 00.0 TOTAL TIME <u>743.2</u> TACHOMETER <u>2432</u> I CERTIFY THAT THIS (engine) HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER: NO. <u>2273 Thru 2278</u> DATE <u>10/20</u> SIGNED <u>Harold B. Meyer</u> G-FORCE AVIATION, INC. AKRON/CANTON AIRPORT NORTH CANTON, OHIO 44720 FAA REPAIR STA. G25R235Y</p>													
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.			
5/16/00		1100	3	7							Performed a compression check all read above 60/80. Cleaned the fuel injector nozzles. Ran and tested operation.		
MAINTENANCE RELEASE													
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.													
Pertinent details of the repair are on file at this agency under work order.													
No. <u>2625</u> Date <u>5/16/00</u>													
Signed <u>[Signature]</u> for													
G-Force Aviation, Inc.													
Akron/Canton Regional Airport													
Building #17													
North Canton, Ohio 44720													
FAA Repair Sta. G25R235Y													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	N2114		
	9/6/2000 Model: WSK PZL M2003 s/n: 1AH002-11		
	The left engine is running rough. Performed a compression check: #1-72/80, #2-77/80, #3-61/80, #4-74/80, #5-68/80, #6-70/80. Flow checked the injector nozzles. All appeared to flow ok. Some contamination was noted in the test bottles. Cleaned the fuel nozzles. Flushed out the injector lines. Reinstalled nozzles. Cleaned the left fuel screen. Checked ok. Ran and tested operation. Checked ok. The tachometer was found to be inaccurate. No further action taken.		
MAINTENANCE RELEASE			
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			
Pertinent details of the repair are on file at this agency under work order.			
No. <u>113023</u> Date <u>9/6/00</u>			
Signed <u>[Signature]</u> for			
G-Force Aviation, Inc.			
Akron/Canton Regional Airport			
Building #17			
North Canton, Ohio 44720			
FAA Repair Sta. G25R235Y			
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.			
3/16/01	Hobbs 25.0		768.2								Performed an Annual inspection. Compression check #1 6990 #2 7180 #3 6980 #4 7080 #5 7180 #6 7990 Changed oil + filter. 8QT 15W-50 Aeroshell was added. The plugs were cleaned, gapped and rotated. Checked the mag timing. C/W AD 8624. Air filter replacement by replacing the air filters. Due again 1268.2. The engine was washed down, run and checked for leaks. AD's checked thru 2001-04.		
TOTAL TIME 768.2 TACHOMETER 25.0											CERTIFY THAT THIS (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN AIRCRAFT INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER: NO. <u>3667</u> Thru <u>3671</u> DATE <u>3/16/01</u> SIGNED <u>[Signature]</u> G-FORCE AVIATION, INC. AKRON/CANTON AIRPORT NORTH CANTON, OHIO 44720 FAA REPAIR STA. 025R231Y		
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.			
Date 10/02/2001 Hour Meter 061.5 Total Time 804.7 Left Engine Manufacturer TCM Model TSIO-360-KB10B S/N 320077 Reg#N2114 1) Drained oil and removed oil filter, cut open and checked OK. Installed 9qts. of Aeroshell 15W50 oil and a new CH48108 oil filter. Run up leak check OK. Signed <u>[Signature]</u> Robert M. Broom A&P 567049021													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		NATURE	LICENSE NUMBER
	Ground	Air		
<p>Date 11/04/2001 Hour Meter 067.1 Total Time 810.3 Reg#N2114 Left Engine Manufacturer TCM Model TSIO-360-KB10B S/N 320077</p>				
<p>1) Checked compressions by differential, all above 74/80psi. Flow checked fuel injection lines. Cleaned fuel injectors. Checked mag timing. Checked flow divider diaphragm. Cleaned, gapped and reinstalled spark plugs. Inspected engine.</p>				
<p>2) Removed engine fuel pump</p>				
<p>3) Installed O/H fuel pump, O/H by Aircraft Fuel Injection Service Inc. P/N 649368-6 S/N E029012B W/O 4074 FAA Repair Stations IOFR546Y 214-358-2377</p>				
<p>4) Removed left magneto. Disassembled and inspected. Coil check bad. Installed new Coil P/N 10-357165-1, oil seal P/N 10-357592, breaker assemble P/N 10-382585, And new impulse coupling P/N 10-400316-E. Set internal timing and installed. Set Mag to engine timing</p>				
<p>5) Ran engine, set pump pressures, idle and idle mixture.</p>				
<p>6) Installed 2 new fuel flex hoses, (main and vapor return) from firewall to baffling. Hoses supplied from Specialty Hose Aerospace W/O #504967-001 1-MIG04FM12FM4512FS-36 and 1-MIG04FM4512FM4512FS-41=180</p>				
<p>Signed  Robert M. Broom A&P567049021</p>				
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.			
<p>Date 01/16/2002 Hour Meter 077.1 Total Time 820.3 Reg#N2114 Left Engine Manufacturer TCM Model TSIO-360-KB10B S/N 320077</p>													
<p>1) Removed alternator. Installed O/H Prestolite alternator P/N ALX-9525B S/N B080313. Unit O/H by Electrosystems Inc. W/O M700600</p>													
<p>2) Installed new left Prestolite voltage regulator P/N 550-393 S/N 80269713. Supplied by Muncie Aviation Company. Prestolite P/N B-00288-EA.</p>													
<p>3) Balanced regulators. Checked for leaks, reinstalled cowling and panels.</p>													
<p>Signed _____ Robert M. Broom A&P 567049021</p>													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

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.			

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.		

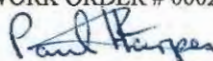
Aircraft Maintenance & Engineering Services
 Tri-City Airport (Hangar C-7), Route 62, Beloit, OH 44609
 Make TCM Model TSIO360KB10B Ser # 320077
 TACH: HOBBS: 854.4 DATE: 11/03/03

Aircraft Maintenance & Engineering Services
 Tri-City Airport (Hangar C-7), Route 62, Beloit, OH 44609
 AIRCRAFT N2114 MAKE PZL MODEL M20-03
 DATE 11/04/03 TACH HOBBS 854.4

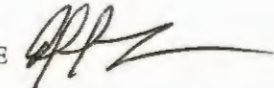
Aircraft Maintenance & Engineering Services
 Tri-City Airport (Hangar C-7), Route 62, Beloit, OH 44609
 AIRCRAFT N2114 MAKE PZL MODEL M20-03
 DATE 11/04/03 TACH HOBBS 854.4


- Removed cowlings, fairings, panels.
 - Carried out 100 hr inspection of L/H & R/H engines.
 - Compression check completed with engines warm.
 - L/H engine checked #1 76/80, #2 75/80, #3 72/80, #4 74/80, #5 74/80, #6 73/80.
 - Drained engine oil & removed oil filter. Filter cut open and inspected - no contamination at this time.
 - Installed new CH48108 oil filter. Replenished engine with 9 quarts of Aeroshell 15W50 oil.
 - Removed & replaced all spark plugs with new Champion RHM 38E spark plugs & checked Magneto Timing.
 - Removed & replace inoperative Tach Generator with new item p/n 87706-003.
- All work carried out in accordance with current FAA regulations and in accordance with PZL Mielec M20-03 Service Manuals. The aircraft is considered Airworthy and is released back to service.

ICERTIFY THAT THIS TCM ENGINE MODEL # TSIO-360-KB10B, SERIAL # 320077 HAS RECEIVED A 100 hrs INSPECTION IN ACCORDANCE WITH THE MANUFACTURERS MAINTENANCE / SERVICE MANUAL INSTRUCTIONS AND CURRENT FAR PART43 APPENDIX D. ALL AD's AND SERVICE BULLETINS HAVE BEEN CHECKED AND COMPLIED WITH AS OF 11/03/03. ENGINE GROUND RUNS AND LEAK CHECKS ARE GOOD. THE ENGINE IS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS RELEASED BACK TO SERVICE.

WORK ORDER # 00022

 Paul Harper A&P License # 300983739

ICERTIFY THAT THIS TCM ENGINE MODEL # TSIO-360-KB10B, SERIAL # 320077 HAS RECEIVED AN ANNUAL INSPECTION IN ACCORDANCE WITH THE MANUFACTURERS MAINTENANCE / SERVICE MANUAL INSTRUCTIONS AND CURRENT FAR PART43 APPENDIX D. THE ENGINE WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS RELEASED BACK TO SERVICE.

NAME *Timothy L. Law*
 LICENSE # 17650555 SA SIGNATURE 

 Paul V. Harper, A&P 300983739

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.			
4-18-05											C/w 100 HR INSPECTION ITEMS Cleaned Gaped Plugs, Changed Oil & Filter 1-25/80 2-23-80 3-24/80 4-6 ⁰ /80 5-72/80 6-70/80 Changed Air Filter C/w AP's TO DATE, Ground Ran NO leaks Paul Winn AP186583335		
											Serviced Props F.A.W 100 Hour Paul Winn AP186583335		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

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.			
	1660									C/W 100 Hour Inspection Items Removed ALL 6 Cylinders sent To LOth Engineering Inc CRS-UAHR563M For overhaul Received back and Reinstalled Changed oil and Filter Installed New CH48108 and serviced with mineral oil for break in ground ran aircraft NO LEAKS all indications normal I Certify That This Engine Has Been Inspected I.A.W. a 100 HR Inspection and Found Airworthy Paul Wain AP 3461212		
										Serviced Props I.A.W 100 HR Paul Wain AP 3461212		

contained in the maintenance rules of the Federal Aviation Regulations under which the operator is certificated and is approved for return to service as per those requirements.

ENGINE LOG

TIME ON TIME IN

WSK PZL MIELEC

LEFT ENGINE LOG

G-FORCE AVIATION INC.

REGISTRATION: N2114

Total Time: 962.4 Since Top O/H: 32.1

Hobbs: 230.0

Date: 3-27-2013

5430 Lauby rd. Bldg. # 17

N. Canton OH. 44720

PH. 330-526-6275


CRS # G25R235Y

URE
LICENS
NUMBER

Complied with annual inspection I.A.W. FAR appendix D. and PA 34-200T inspection guides. Checked compressions #1 78/80, #2 74/80, #3 75/80, #4 72/80, #5 76/80, #6 78/80. Drained oil, removed oil filter and cut open for inspection. No defects noted. Serviced engine oil with Aeroshell 15W50. Checked magneto timing. C/W Ad 82-27-03. Replaced spinner nose cone nut plates and hardware. Cleaned and lubed engine controls. Cleaned, lubed and dressed prop. Replaced number one cylinder due to detonation P/N 653450 S/N 8032-1 I.A.W. Continental M.M. Adjusted mixture for detonation problems and no idle mixture rise. Replaced exhaust heat shield on nacelle. Researched and complied with AD's using current ATP research engine, see AD compliance record for details. Operational and leak checks performed no defects noted, all work done I.A.W current FAA regulations, PZL, Continental, Hartzell and PA32-200T maintenance manuals. And current AD and SB Information.

The aircraft and/or component listed above was repaired & inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at G-Force Aviation CRS# G25R235Y under Work Order # 13-15420 I certify that this aircraft has been determined to be in airworthy condition.

CRS# G25R235Y

Signature: 

Date: 3-27-13

TOTALS

ENGINE LOG

R.P.M. TIME ON TIME IN TOTAL TIME

NR: N2114

#1 ENGINE

STOH: 62.8

Model: TCM TSIO-360-KB10

Tach: 260.7

TAT: 998.3

Date: 06 June 2014

Performed Annual Inspection, Compressions as follows: 1/74; 2/79; 3/80; 4/76; 5/78; 6/77. Serviced Engine Oil Reservoir with 8 quarts of Aero Shell 15W50 Engine Oil and installed new Oil filter P/N CH 48108-1. Tightened loose or disconnected "B" Nuts/lines, and secured wiring and lines to eliminate chafe points. C/W AD 77-23-03 by inspection— (this is terminating action for this AD. Prop hubs serviced IAW manufacturers specifications. Operational and leak Checks good. END.

TACH. 260.7 T.T. 998.3

I Certify this Engine has been inspected in accordance with (annual)(100 hr) inspection and was determined to be in airworthy condition



Ryan A. Hart, A&P 3187904 IA

Date: 06 Jun. 2014

ENGINE LOG

N#: N2114 ^{#2 PAH} #1 Propeller STO: 62.8
 Model: Hartzell BHC-C2YF-2CKUF Tach: 260.7 TAT: 998.3 Date: 06 June 2014

Performed Annual Inspection. Serviced Hub IAW Hartzell Specifications. Operational and leak checks good. END.

TACH. 260.7 T.T. 998.3

I Certify this Propeller has been inspected in accordance with (annual)(100 hr) inspection and was determined to be in airworthy condition

Ryan A. Hart
 Ryan A. Hart, A&P 3187904 IA

Date: 06 June 2014

SENSE
 JMBER

ENGINE LOG

N#: N2114 ^{#2 PAH} #1 ENGINE STO: 63.6
 Model: TCM TSIO-360-KB10 Tach: 261.5 TAT: 999.1 Date: 01 August 2015

Performed Annual Inspection, Compressions as follows: 1/76; 2/79; 3/80; 4/78; 5/78; 6/77. Serviced Engine Oil Reservoir with 8 quarts of Aero Shell W15W50 Engine Oil and installed new Oil filter P/N CH 48108-1. Slight seep noted at center seal of turbo—cleaned for observation. Replaced 5T spark plug with serviceable Tempest URHM38E obtained from Castle Aviation. Prop hubs serviced IAW manufacturers specifications. Operational and leak Checks good. END.

TACH. 261.5 T.T. 999.1

I Certify this Engine has been inspected in accordance with (annual)(100 hr) inspection and was determined to be in airworthy condition

Ryan A. Hart
 Ryan A. Hart, A&P 3187904 IA

Date: 01 Aug, 2015

SENSE
 JMBER

TOTALS

TOTALS

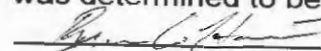
ENGINE LOG

N#: N2114 #2 Propeller
 Model: Hartzell BHC-C2YF-2CKUF Tach: 261.5 TAT: 999.1 Date: 01 August 2015

Performed Annual Inspection. Serviced Hub IAW Hartzell Specifications. Operational and leak checks good. END.

TACH. 261.5 T.T. 999.1

I Certify this Propeller has been inspected in accordance with (annual) ~~(100 hr)~~ inspection and was determined to be in airworthy condition


 Ryan A. Hart, A&P 3187904 IA
 Date: 01 Aug 2015

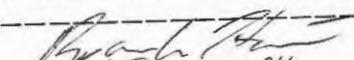
TOTALS

ENGINE LOG

N#: N2114 #2 Engine
 Model: PZL M20-03 Tach: 262.0 TAT: 999.6 Date: 10 August 2015

Removed TCM engine driven fuel pump, P/N 649368-6, S/N E029012B, and replaced with Overhauled unit obtained from Quality Aircraft Accessories, Kelly P/N 649368-6, S/N B11FA032R. Operational and leak checks good. Work accomplished IAW applicable PZL Service Manual and Continental Overhaul manual. Final run/ops check assisted by pilot.

-----End-----


 A.P. 3187904

TOTALS

ENGINE LOG

TIME ON

TIME IN

TOTAL TIME

N#: N2114

#2 #1 Propeller

Model: Hartzell BHC-C2YF-2CKUF

Tach: 274.6

TAT: 1012.2

Date: 01 May 20017

Performed Annual Inspection. Serviced Hub IAW Hartzell Specifications. Operational and leak checks good. END.

TACH. 274.6 T.T. 1012.2

I Certify this Prop has been inspected in accordance with (annual) (100 hr) inspection and was determined to be in airworthy condition

Ryan A. Hart
Ryan A. Hart, A&P 3187904 IA

Date: 01 May 2017ENGINE
NUMBER

ENGINE LOG

R.P.M.

TIME ON
GROUNDTIME IN
AIR

TOTAL TIME

N#: N2114

#2 #1 ENGINE

STOH: 76.7

Model: TCM TSIO-360-KB10

Tach: 274.6

TAT: 1012.2

Date: 01 May 2017

Performed Annual Inspection, Compressions as follows: 1/79; 2/80; 3/79; 4/79; 5/79; 6/76. Serviced Engine Oil Reservoir with 8 quarts of Aero Shell W15W50 Engine Oil and installed new Oil filter P/N CH 48108-1. #3 Cyl. baffle retaining spring repaired and reinstalled. Prop hubs serviced IAW manufacturers specifications. Some service performed by owner, Tom Patterson. Operational and leak Checks good. END.

TACH. 274.6 T.T. 1012.2

I Certify this Powerplant has been inspected in accordance with (annual) (100 hr) inspection and was determined to be in airworthy condition

Ryan A. Hart
Ryan A. Hart, A&P 3187904 IA

Date: 01 May 2017LICENS
NUMBER

BRO

ENGINE LOG

N#: N2114 LH ENGINE STO#:
 Model: TCM TSIO360KB10B Tach: 342.2 TAT: 1079.8 Date: 07 July 2018

Performed Annual Inspection, compresions: 1/79, 2/78, 3/78, 4/77, 5/78, 6/78. Serviced oil reservoir with 8 quarts of Aero Shell 15W50 Engin Oil and installed new oil filter P/N ch 48108-1. Nacelle nose bowl repaired and hardware replaced as necessary. Exhaust system slip joints loosened and inspected. #6 cylinder exhaust valve cover cleaned for observation due to seepage. Fuel vent "B" nuts resecured and safetied. Operational and leak checks good. Some work performed by a/c owner Tom Patterson. All work completed IAW applicable PZL Service Manual, 14 CFR Part 43, and manufacturers specifications. End.

TACH. 342.2 T.T. 1079.8

I Certify this Engine has been inspected in accordance with (annual)(~~400 hr~~) inspection and was determined to be in airworthy condition

Ryan A. Hart
Ryan A. Hart, A&P 3187904 IA
Date: 07 July 2018

TOTALS

ENGINE LOG

N#: N2114 LH Propeller
 Model: BHC-C2YF-2CKUF Tach: 342.2 TAT: 1079.8 Date: 07 July 2018

Performed Annual inspection and serviced IAW Hartzell Specifications. Operational and leak check good. End.

TACH. 342.2 T.T. 1079.8

I Certify this Propeller has been inspected in accordance with (annual)(~~400 hr~~) inspection and was determined to be in airworthy condition

Ryan A. Hart
Ryan A. Hart, A&P 3187904 IA
Date: 07 July 2018

TOTALS

ENGINE LOG

Date: 8/27/19

Hobbs Reads: 390.9

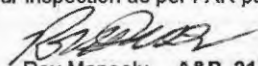
TSTOH: 190.1

Total Time: 1128.5

DATE

Inspect left engine I.A.W. the Continental service manual instructions. Drain oil and replace oil filter with new AA48108-2 filter. Cut and inspect old filter pleats, no contaminants were found. Re-fill with 8 qts. Of Aeroshell 15W50 oil. Check magneto timing and compression (engine warm) #1-78/80, #2-78/80, #3-78/80, #4-77/80# 5-76/80, #6-76/80. Clean, inspect, gap and rotate spark plugs. Clean fuel injectors and upper deck fittings using all new seals and "O" rings. Adjust high un-regulated fuel pump pressure. Run-up and leak check satisfactory.

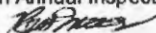
I certify that this engine has been inspected in accordance with a 100-hour inspection as per FAR part 43 appendix "D" and found to be in airworthy condition.



Roy Maneely A&P 2143329

Date: 8/27/19

I certify that this ENGINE was inspected IAW an Annual Inspection and was found to be in airworthy condition.



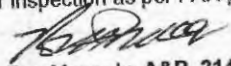
Roy Maneely A&P 2143329 IA

Date: 8/27/19

Tach Reads: 390.9

Total Time: 1128.5

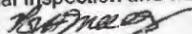
Lube and serviced hub with nitrogen and dress minor nicks on leading edge of blades.
I certify that this propeller has been inspected in accordance with a 100-hour inspection as per FAR part 43 appendix "D" and found to be in airworthy condition.



Roy Maneely A&P 2143329

Date: 8/27/19

I certify that this PROPELLER was inspected IAW an Annual Inspection and was found to be in airworthy condition.



Roy Maneely A&P 2143329 I.A.

BROUGHT FORWARD

TOTALS

LICENS
NUMBE

AIRWORTHINESS DIRECTIVE RECORD

Lt. Eng + Access

N 2114

MAKE cont.

MODEL T510-360 KB^{10B} SERIAL NUMBER 320077

AD NUMBER	SUBJECT	COMPLIANCE DATE/AMDT.	METHOD OF COMPLIANCE OR RECURRING FREQUENCY	ONE TIME	RECURRING	AUTHORIZED SIGNATURE / A&P #
1-09-03	Fuel Leaks ^{Gasket} AT	39-1198	N/A By mod KB	X		
4-18-07	CYL. Failure	39-1933	N/A By mod KB	X		
4-18-08	Fuel nozzle Lines	39-1935	N/A By mod KB	X		
1-13-10 R1	Oil Pump drive shaft Failure	39-4256	N/A By S/N	X		
1-23-02	Oil Filter Adapter gasket	Issued 10-30-81	N/A By S/N	X		
8-03-06	TCM Oil Filters	39-5888	subject oil filters N/A not installed	X		
1-19-03	Champion Oil Filters	39-8030	subject oil filters N/A not installed	X		
104-09	Rocker shaft hold down Failure	39-8585	N/A By S/N	X		
3-10-02 L	Valve Retainer Keys	Issued 5-17-93	N/A By S/N	X		
32-27-03	RayJay Turbochargers	39-4515	InsP. per PARA. B thru G Due EA. 200 hrs		X	

9-14-93
 Larry Brown A&P 362587812
 see maint. Records for verifications
 thru issue 93-15