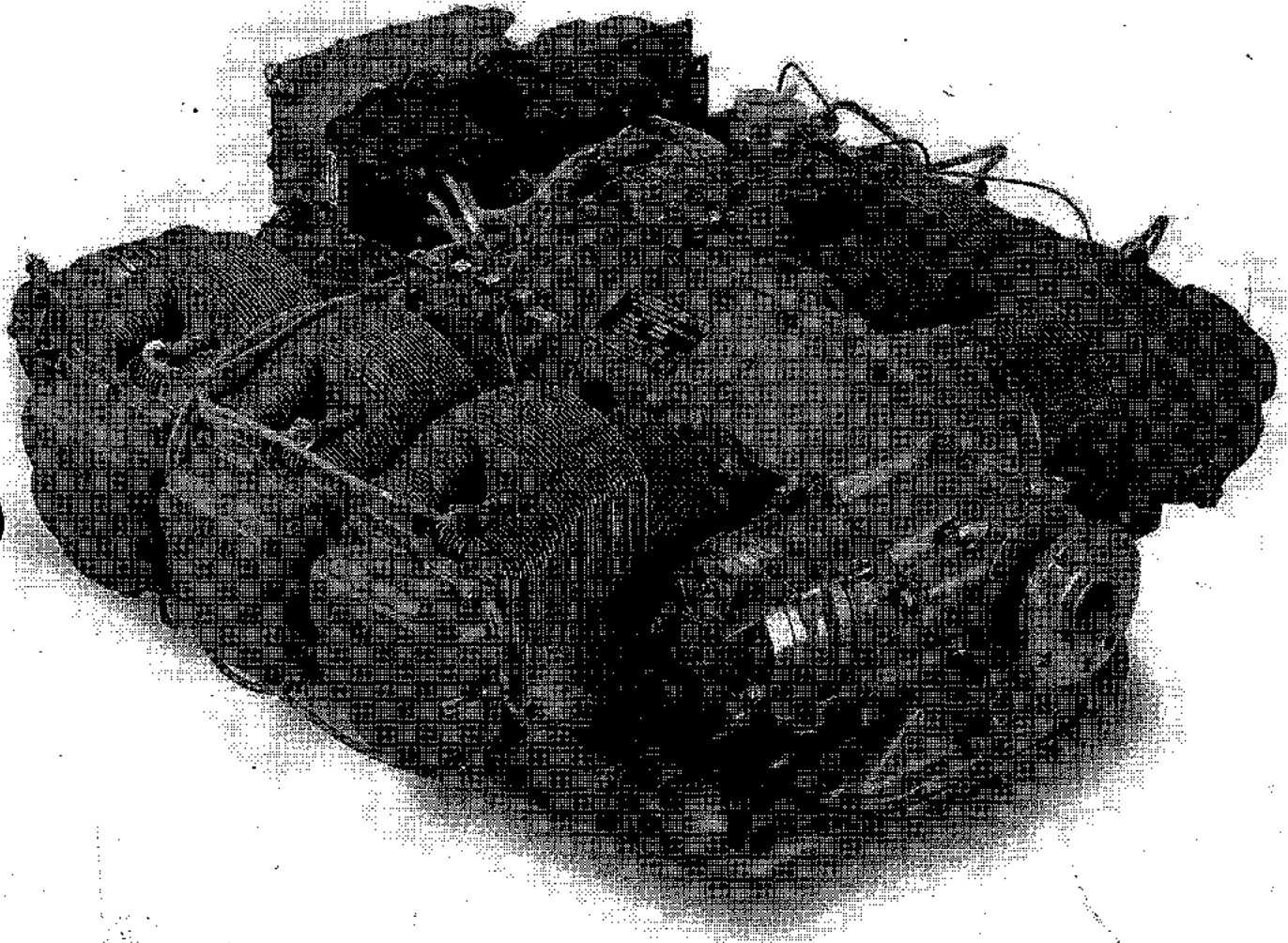


N327PZ

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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: 03/04/2005

This engine model **I0360ES6**, Serial No. **357960** was manufactured on **03/03/2005**
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**.

Thomas H. Howard

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 503

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.	

ENGINE MODEL:
ENGINE S/N: 357960
REG. NO: 327PZ
WORK ORDER:
3404-04-2005



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE: 4/15/2005
A/C TSN:
ENG TT:
HOBBS: 7.2

Engine Entries

(7) Removed and replaced cyl. #3 EGT sensor P/N 14554-001 IAW AMM 77-20 and standard maintenance practices. Also removed inspected and cleaned cyl. #3 fuel injector P/N 632147-10K IAW TCM X30583A and standard maintenance practices.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/15/2005

SIGNED:

[Signature]
Karl Hagglund
Certified Repair Station No. YD5R855Y

Work Order: 3404-04-2005

Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
IO-360-ES
ENGINE S/N: 357960
REG. NO: 327PZ
WORK ORDER:
3552-05-2005



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE: 5/4/2005
A/C TSN:
ENG TT:
HOBBS: 44.9

Engine Entries

(6) 12-20 Changed engine oil and filter, Champion CH48108, p/n 50857-001, serviced engine with 8 quarts of 20W50 mineral oil. Cut apart old filter, inspected old filter and drain plug for abnormalities, none found. Ran engine to perform operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 5/4/2005

SIGNED:

[Signature]
Steve Goessling
Certified Repair Station No. YD5R855Y

Work Order: 3552-05-2005

Printed by EBis 3 (datamedia.com)

5/9/05	Hobbs	66.3	<p>Changed the oil & filter. 8 qt. 20W-50 Deershell was added. The engine was washed down, ran and checked for leaks.</p>
<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>108122</u> Date <u>5/9/05</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44726 FAA Repair Sta. G25F235Y</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	→				
6/21/05	117	0			Changed the oil & filter 8QT 15W-50 AeroShell was added. The engine was washed down run and checked for leaks.
					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>118127</u> Date <u>6/21/05</u> Signed <u>Mark B. Hugg</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
6/24/05	Hold	170	8		Changed the oil & filter 8QT 20W-50 EXON ELITE was added. The engine was washed down, run and checked for leaks.
					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>118127</u> Date <u>6/24/05</u> Signed <u>Mark B. Hugg</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
7/29/05	Hold	230	2		Changed the oil & filter 8QT 20W-50 Phillips 76 was added. The engine was washed down, run and checked for leaks.
					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>119040</u> Date <u>7/29/05</u> Signed <u>Mark B. Hugg</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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	→				
8/15/05	267	2			Changed The oil & Filter. 8QT 15W-50 AeroShell was added. Cleaned, gapped and retorted the spark plugs. Checked the brake reservoir. Serviced and charged the battery. Checked the brake linings and serviced the tires. The engine was washed down, run and checked for leaks.
					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>17902 + 179103</u> Date <u>8/15/05</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
9/16/05	332	7			Changed The oil & Filter. 8QT 20W-50 Exxon Elite was added. Replaced the airfilter. The engine was washed down, run and checked for leaks.
					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>179205 + 179206</u> Date <u>9/16/05</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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 →					

11/14/05 Hobbs 440.5 N327PZ ENGINE

Changed the oil and filter. 8 qt. 15W-50 Aeroshell was added. The engine was washed down ran and checked for leaks.

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. M9427 Date 11/14/05

Signed Hand B. Myers for
C-Force Aviation, Inc.
Akron/Canton Regional Airport
Building #17
North Canton, Ohio 44720
FAA Repair Sta. G25R235Y

12/13/05 Hobbs 494.0 N327PZ ENGINE

Changed the oil and filter. 8 qt. 15W-50 Aeroshell was added. Replaced both mags with new Slick 6314 mags. Installed S/N 05091697 in the left position and S/N 05091698 in the right hand position. Replaced the spark plugs. Replaced the air filter. The engine was washed down ran and checked for leaks.

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. M9572 Date 12/13/05

Signed Hand B. Myers for
C-Force Aviation, Inc.
Akron/Canton Regional Airport
Building #17
North Canton, Ohio 44720
FAA Repair Sta. G25R235Y

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	→				
1/18/06	5	43	0		Rechanged the oil & filter. 8QT 15W50 decosol was added. Checked the brakes and serviced the tires. The engine was washed down, ran and checked for leaks.
					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>179606</u> Date <u>1/18/06</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
2/24/06	6	18			Changed the oil & filter. 8QT 15W50 decosol was added. The engine was washed down, ran and checked for leaks.
					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>179709</u> Date <u>2/24/06</u> Signed <u>[Signature]</u> G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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 →

4/24/06 Hobbs 650.7 N327PZ ENGINE

Performed an Annual Inspection. Compression Check. #1 72/80 #2 69/80 #3 70/80 #4 69/80 #5 68/80 #6 69/80. Changed oil and filter. 8 qt. 15W-50 Aeroshell was added. The plugs were cleaned, gapped and rotated. Checked the magneto timing. Replaced the air filter. Tightened the alternator belt. Cleaned the fuel injector nozzles. Tightened the oil cooler support. Re-torqued the rocker cover screws. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2006-07.

TACHOMETER 650.7 (CERTIFY THAT THIS (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER: NO. 06-9481
 DATE 4/24/06 SIGNED Maull B. Hoyle
 G-FORCE AVIATION, INC.
 AKRON/CANTON AIRPORT
 NORTH CANTON, OHIO 44720
 FAA REPAIR STA. G25R235Y

5/26/06 Hobbs 704.1

Changed the oil + filter. 8 qt 15W-50 Aeroshell was added. Dressed and painted the prop. The engine was washed down, ran and checked for leaks.

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. 06-9898 Date 5/26/06
 Signed Maull B. Hoyle for
 G-Force Aviation, Inc.
 Akron/Canton Regional Airport
 Building #17
 North Canton, Ohio 44720
 FAA Repair Sta. G25R235Y

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	→				
7/16/06	7	20			Changed the oil & filter. 8QT 15W-50 Pennshell was added. Replaced the terminals on the #3 EGT probe. Cleaned the plugs on the #2 cylinder. Ran the engine and checked for operation and leaks.
					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>106-1015.3</u> Date <u>7/16/06</u> Signed <u>[Signature]</u> for C-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
9/20/06	8	12.4			Changed the oil and filter. 8QT 15W-50 Pennshell was added. The plugs were cleaned, gapped and rotated. Drilled the oil cap to attach the oil cap component. Inspected the heater socker - checked OK. The engine was washed down, ran and checked for leaks.
					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>106-1015.3</u> Date <u>9/20/06</u> Signed <u>[Signature]</u> for C-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
9-26-06	8	18.3			INSTALLED ONE RHM 38K SPARK PLUG ON LOWER #6 CYL. FOUR BOLTED AND 2763393 [Signature] LTD

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	→				
9/29/06	8	20.5			Bore-scoped the #6 cylinder; checked OK. Replaced the spark plugs with new Champion RMM 33E Plugs. Replaced the pushrod tube seals on the #4 cylinder. Replaced the rocker gaskets on the #2 cylinder. Ran and tested operation. Checked OK.
					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>106-10766</u> Date <u>9/29/06</u> Signed <u>[Signature]</u> G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
11/30/06	8	44.1			Removed the #4 cylinder and replaced the cylinder base seal. Reinstalled the cylinder. Removed the #1 Alternator and installed a new Alternator PM ES4024LP S/N G061490. Ran and tested operation. Checked OK.
					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>106-10735</u> Date <u>11/30/06</u> Signed <u>[Signature]</u> G-Force Aviation, Inc. <u>APP20667330</u> Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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	→				
11/04/07	862	0			Changed the oil & filter. 8QT 15W-50 Mcrashell was added. Replaced the spade terminals with ring terminals on the #5 CMT probe. Run the engine and checked for operation and leaks. - checked OK 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>107-108365</u> Date <u>11/04/07</u> Signed <u>[Signature]</u> for GEForce Aviation, Inc. Allen/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
3/19/07	877	3			Replaced the starter adapter lower O-ring. Swapped the #1 + #3 CMT probes. Run and tested operation. Checked OK 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>107-115331</u> Date <u>3/19/07</u> Signed <u>[Signature]</u> for GEForce Aviation, Inc. Allen/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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.	

B/E

Brought Forward →

4/3/07	886.6			Removed the right mag, P/N 6314 S/n 05091698 and installed a new sick mag P/N 6314 S/n 06060998. Ran and tested operation. checked OK. No leaks noted.
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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. MOT-11116 Date 4/3/07
 Signed [Signature] for
 G-Force Aviation, Inc.
 Akron/Canton Regional Airport
 Building #17
 North Canton, Ohio 44720
 FAA Repair Sta. G26R235Y

5/4/07 Hobbs 920.4 N327PZ ENGINE

Performed an Annual Inspection. Compression Check. #1 68/80 #2 66/80 #3 62/80 #4 67/80 #5 68/80 #6 68/80. Changed oil and filter. 8 qt. 15W-50 Aeroshell was added. C/W Continental SB M89-9 Crankcase Pressure Test. The crankcase pressures tested within specs. Cleaned the breather separator. Repaired the left forward baffling. The plugs were cleaned, gapped and rotated. Checked the magneto timing. Replaced the air filter. Replaced the right fuel manifold drain. Replaced the starter adapter cover seal. Cleaned the fuel injector nozzles. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2007-09.

TOTAL TIME 920.4
 (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. MOT-112304/11232
 DATE 5/4/07 SIGNED [Signature]
 G-FORCE AVIATION, INC.
 AKRON/CANTON AIRPORT
 NORTH CANTON, OHIO 44720
 FAA REPAIR STA. G26R235Y

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 →					
5/7/07	920	4			Replaced the #6 EGT probe and tested operation - checked OK.
					<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>107-11244</u> Date <u>5/7/07</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</p>
6/19/07	961	8			Replaced the starter adapter cover O-ring.
					<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>107-11463</u> Date <u>6/19/07</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</p>
7/10/07	968	3			changed the oil & filter. 8QT 15W-50 Repsol was added. Ran the engine and checked for operation and leaks.
					<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>107-11525</u> Date <u>7/10/07</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</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 →

9/20/07	10	12	7			<p><i>Changed the oil + filter. 8QT 15W-50 Aeroshell was added. Ran the engine and checked for operation and leaks.</i></p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>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>MO7-11775</u> Date <u>9/20/07</u> Signed <u>Michael B. Papp</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</p>
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10/22/07	10	45	3			<p><i>Changed the oil + filter. 8QT 15W-50 Aeroshell was added. Serviced the tires and checked the brakes. The engine was washed down, ran and checked for leaks.</i></p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>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>MO7-11913</u> Date <u>10/22/07</u> Signed <u>Michael B. Papp</u> for G-Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720</p>
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12/21/08 Hobbs 1094.4 N327PZ ENGINE

Changed the oil and filter. 8 qt. 15W-50 Aeroshell was added. Serviced the battery. The engine was washed down, ran and checked for operation and leaks.

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. MO8-12186 Date 1/14/08
Signed Michael B. Papp for
G-Force Aviation, Inc.
Akron/Canton Regional Airport
Building #17
North Canton, Ohio 44720
FAA Repair Sta. G25R235Y

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	→				
3/13/08	1138	0			Changed the oil + filter. 8QT 15W-50 Aeroshell was added. Checked the battery + bulbs - checked OK. serviced the tires. The engine was washed down, run and checked for leaks.
					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. Full details of the repair are on file at this agency under work order: No. <u>1108-12310</u> Date <u>3/13/08</u> Signed <u>[Signature]</u> for G Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
4/25/08	1193	2			Changed the oil + filter. 8QT 15W-50 Aeroshell was added. The engine was washed down, run and checked for leaks.
					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. Full details of the repair are on file at this agency under work order: No. <u>1108-12539</u> Date <u>4/25/08</u> Signed <u>[Signature]</u> for G Force Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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 →

5/29/08 Hobbs 1241.7 N327PZ ENGINE

Performed an Annual Inspection. Compression Check. #1 70/80 #2 64/80 #3 75/80 #4 68/80 #5 70/80 #6 66/80. Changed the oil and filter. 8 qt. 15W-50 Aeroshell was added. The plugs were cleaned, gapped and rotated. Performed a 500 hr. inspection on the left magneto. Replaced the block, gear and contacts. Reassembled the magneto, reinstalled and timed. The left mag inspection is due again @ 1741.7. Replaced the air filter. Cleaned the fuel injector nozzles. Cleaned fuel screens and lubed controls. The engine was washed down, ran and checked for operation and leaks. AD's were checked through 2008-10.

TACHOMETER 1241.7
 THIS (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN *Annual* INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER:
 NO. *108-12527 + 12653*
 DATE *5/29/08* SIGNED *Harold B. Pugh*
 G-FORCE AVIATION, INC.
 AKRON/CANTON AIRPORT
 NORTH CANTON, OHIO 44720
 FAA REPAIR STA. G2SR235Y

8/12/08

Hobbs 1293.0

Changed the oil & filter. 8 qt 15W-50 Aeroshell was added. The engine was washed down, run and checked for leaks.

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. *108-12886* Date *8/12/08*
 Signed *Harold B. Pugh* for
 G-Force Aviation, Inc.
 Akron/Canton Regional Airport
 Building #17
 North Canton, Ohio 44720
 FAA Repair Sta. G2SR235Y

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	→				
11/13/08	1338	3			Changed the oil + filter. ROT 15W-50 Aeroshell was added. The engine was run and checked for operation + leaks.
					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>1108-13150</u> Date <u>11/13/08</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. 4000 Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y
3/17/09	1358	7			Performed Cirrus Prebuy inspection + values Cirrus prebuy check list. Compression check #1 740 #2 6340 #3 6940 #4 6540 #5 6440 #6 6940. Performed a bore scope inspection. All six cylinders checked OK. Checked the oil filter and inspected. Checked OK. Installed a new 0W48108 filter. Reinstalled the plugs. The engine was run and checked for leaks.
					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>1109-13440</u> Date <u>3/17/09</u> Signed <u>[Signature]</u> for G-Force Aviation, Inc. 4000 Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y

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	→				
3/27/09	1360	-8			Removed the right Mag Model 6314 s/n 06060998 and installed a new spark magneto Model 6314 s/n 08051253. Ran and tested operation - checked OK.

MAINTENANCE RELEASE
 This 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 the agency under work order:
 No. 109-13470 Date 3/27/09
 Signed Michael B. Proctor for
 Centura Aviation, Inc.
 Akron/Canton Regional Airport
 Building #17
 North Canton, Ohio 44720
 P.O. Repair Co. G96R235Y



JET AIR CORPORATION

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
 GREEN BAY, WISCONSIN 54313
 F.A.A. APPROVED REPAIR STATION CRS M22R023L

APRIL 30 , 2009 AIRCRAFT N327PZ HOBBS 1381.8 ENGINE SERIAL NUMBER 35796 TOTAL TIME 1381.8
 COMPLIED WITH 100 HOUR/ANNUAL INSPECTION USING CIRRUS SR20 MAINTENANCE MANUAL SCHEDULED
 INSPECTION REPORT AS A REFERENCE. CHANGED OIL AND FILTER, CUT OPEN REMOVED FILTER AND
 INSPECTED FOR METAL CONTAMINATION, NONE NOTED AT THIS TIME. INSTALLED NEW FILTER PART NUMBER
 CH48108-1 SERVICED WITH 8QTS AEROSHELL 15W50 OIL. CLEANED, GAPPED AND TESTED SPARK PLUGS
 REPLACED 6 EACH SPARK PLUGS PART NUMBER RHM38E. COMPRESSION TEST AS FOLLOWS: #1 63, #2 64
 #3 66, #4 66, #5 68, #6 67 ALL OVER 80. ADJUSTED LEFT AND RIGHT MAGNETOS FOR SPECIFIED TIMING.
 REPLACED ALL ROCKER ARM COVER GASKETS PART NUMBER 63210. REPLACED PUSH ROD SEALS PART
 NUMBER 641607 AND PART NUMBER 630286 AS REQUIRED. ENGINE GROUND RAN, OPS AND LEAK CHECKED
 OK FOR RETURN TO SERVICE. ALL WORK DONE USING MANUFACTURER'S MAINTENANCE MANUALS AS
 A REFERENCE. UNDER WORKORDER NUMBER 8799.

FOR CRS M22R023L

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.



JET AIR CORPORATION

1921 AIRPORT DRIVE AUSTIN STRAUDEL FIELD
GREEN BAY, WISCONSIN 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

AUGUST 5, 2009 AIRCRAFT N327PZ HOBBS 1432.2 ENGINE SERIAL NUMBER 357960. TOTAL TIME 1432.2 CHANGED OIL AND FILTER, CUT OPEN REMOVED FILTER AND INSPECTED FOR METAL CONTAMINATION, NONE NOTED AT THIS TIME. INSTALLED NEW FILTER PART NUMBER CH48108-1 SERVICED WITH 8QTS AEROSHELL 15W50. ENGINE GROUND RAN, LEAKED AND OPS CHECKED OK FOR RETURN TO SERVICE. ALL WORK ACCOMPLISHED USING MANUFACTURER'S MAINTENANCE MANUAL AS A REFERENCE. DETAILS UNDER WORKORDER NUMBER 8895.

Peter H. Beumann
FOR CRS MZ2R023L

ENGINE MODEL:
IO-360-ES (8)
ENGINE S/N: 357960
REG. NO: 327PZ
WORK ORDER:
13043-08-2009



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438

DATE: 8/27/2009
A/C TSN: 1440.7
ENG TT: 1440.7
HOBBS: 1440.7

Engine Entries

(4) Drained engine oil and removed oil filter, cut open oil filter and performed particulate inspection, no discrepancies noted on inspection. Installed new Champion oil filter P/N CH48108-1 and serviced engine with 8Qts of Aeroshell 15W50 oil, leak and operational check good. Work performed IAW Cirrus min chapter 12-10, ... (11) Installed Tarnis TAS100 engine preheat system S/N 43046 IAW Tarnis Aircraft Products engine preheat system instructions and drawing #100C Rev. 1, operational check good. ... (45) Updated weight and balance in P.O.H. for Tarnis Preheater system installation.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 8/27/2009

SIGNED: *Dave Ruuskanen*

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

Work Order: 13043-08-2009

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ANN ARBOR
Aviation Center Inc.
GETTING FLIGHTS INTO THE AIR FOR OVER 36 YEARS

719 Airport Drive
Ann Arbor, MI
48108
Phone: 734-662-6606
Fax: 734-662-0339

11 December 2009

N327PZ
Engine

1466.9 Hobbs
1466.9 ETT

Compression test #1: 73, #2: 65, #3: 72, #4: 65, #5: 65, #6: 65.
Oil and filter changed. Oil sample taken. Installed SAF-AIR quick drain S6250. Serviced engine with 7 quarts of Aeroshell 15W-50 and CH48108-1 oil filter. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P

Ross A. Schmidt



ANN ARBOR
Aviation Center Inc.
GETTING FLIGHTS INTO THE AIR FOR OVER 36 YEARS

719 Airport Drive
Ann Arbor, MI
48108
Phone: 734-662-6606
Fax: 734-662-0339

21 May 2010

N327PZ
Engine

1496.8 Hobbs
1496.8 ETT

Performed Cylinder compression test #1: 72, #2: 65, #3: 69, #4: 68, #5: 70, #6: 72.
Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Aeroshell 15W50 oil and new filter CH48108-1. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.
I certify that this Engine was inspected in accordance with a 100 hour inspection and found to be in airworthy condition.

Ross A. Schmidt
365584077 A&P

Ross A. Schmidt

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 →					



719 Airport Drive
Ann Arbor, MI 48106
Phone 734-662-6806
Fax 734-662-0359

22 July 2010

N327PZ
Engine

1533.8 Hobbs
1533.8 ETT

Oil and filter changed. Blackstone Oil sample taken. Serviced engine with 6 quarts of Aeroshell 15W50 oil and new filter CH48108-1. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P



719 Airport Drive
Ann Arbor, MI 48106
Phone 734-662-6806
Fax 734-662-0359

3 September 2010

N327PZ
Engine

1559.1 Hobbs

Throttle body removed, overhauled, reinstalled and set up fuel flow per TCM SID 97-3E. Run-up leak check OK.

Mark Roisan
506742944 A&P



719 Airport Drive
Ann Arbor, MI 48106
Phone 734-662-6806
Fax 734-662-0359

8 November 2010

N327PZ
Engine

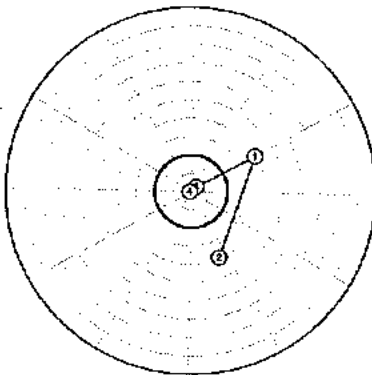
1572.9 Hobbs
1572.9 ETT

Oil and filter changed. AOA Oil sample taken. Serviced engine with 6 quarts of Aeroshell 15W50 oil and new filter CH48108-1. Engine washed, run up, leak check OK.

Rodney A. Hatcher
2040750 A&P

ENG/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #146, rev B dated Feb 07, 1992 and Chadwick Helmuths document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-INV2 Prop Rev. 00 1 July 2003. Initial IPS of .396 @ 2574 rpm reduced to .005 IPS @ 2550 rpm by the addition of AN hardware on spinner rear bulkhead. Trimmed baffle seal for flush fit, checked #5 cylinder spark plugs for condition, found satisfactory. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 6787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N327PZ Cirrus SR 20 1507 1562.4 Hrs
Cont/Hart 357960
Front of engine
MicroVib II SN:1177 Cal:10/12/2009
Initial: 0.396 IN/S @ 2574.4 RPM Final: 0.005 IN/S @ 2559.8 RPM

Oper: _____

Date: 09/13/2010

Jim Barker A&P 2755069

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.	

Brou



25 February 2011 **N327PZ** **1589.3 Hobbs**
Engine **1589.3 ETT**

Rewired all CHT and EGT ground wires to individual ground points per Cirrus Tech. Replaced #4 intake gasket 653195.

Mark Roisen
506742944 A&P *Mark Roisen*



10 June 2011 **N327PZ** **1607.2 Hobbs**
Engine **1607.2 ETT**

Performed Cylinder compression test #1: 74, #2: 72, #3: 73, #4: 73, #5: 71, #6: 72. Oil and filter changed. Oil sample taken. Serviced engine with 6 quarts of Aeroshell 15W50 oil and new filter CH48108-1. Cleaned and gapped spark plugs. Borescope all cylinders, look normal. Cleaned Injectors. Replaced #1 thru #5 valve cover gaskets with new silicone RG-632310. Engine washed, run up, leak check OK.

I certify that this Engine was inspected in accordance with a 100 hour inspection and found to be in airworthy condition.

Mark Roisen
506742944 A&P *Mark Roisen*



28 June 2011 **N327PZ** **1613.4 Hobbs**
Engine **1613.4 ETT**

Replaced #3 CHT 14880-001 per SB2X-77-02R2, Ops check good. Checked and cleaned firewall connection for oil pressure sensor. Cleaned section of cowling where seals are coming off and re-glued.

Mark Roisen
506742944 A&P *Mark Roisen*



23 November 2011 **N327PZ** **1652.1 Hobbs**
Engine **1652.1 ETT**

Oil and filter changed. AOA Oil sample taken. Serviced engine with 8 quarts of Aeroshell 15W50 oil and new filter CH48108-1. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P *Ross A. Schmidt*



31 May 2012 **N327PZ** **1679.3 Hobbs**
Engine **1679.3 ETT**

Performed Cylinder compression test: #1: 66, #2: 65, #3: 66, #4: 70, #5: 72, #6: 72. Oil and filter changed. Oil sample taken. Replaced oil quick drain S6250. Serviced engine with 8 quarts of Aeroshell 100W oil and new filter CH48108-1. Installed 12 new URHM38S spark plugs. Replaced #4 cylinder push rod seals two each 630286 and 641607. Engine washed, run up, leak check OK.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Mark Roisen
506742944 A&P *Mark Roisen*

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	→				

Waterford Aviation, Inc. 2121 Airport Rd. Waterford, MI 48327 (248) 666-3333 (248) 666-1094 fax
MX@PontiacFlight.com www.WaterfordAviation.com

Registration: N327PZ Type: Continental IO-360-ES S/N: 357960
 Date: December 20, 2012 Hobbs: 1718.9 ACTT: 1711.3

Drained oil, took sample for Blackstone Laboratories, removed filter, inspected for contaminants – none found, installed new CH48108-1 filter, and serviced sump with 7 Qts. Phillips 20w-50X/C and ASL CamGuard. Visually inspected exhaust system. Serviced #1 battery. Ground run-up ops and leak check good. All work done IAW Cirrus SR20 Service Manual.----END-----

JAL A#2738624



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

28 March 2013

N327PZ
Engine

1728.3 Hobbs

Replaced cylinder base seal and push rod tube seals on #4 cylinder. Replaced push rod tube seals on #2 cylinder. Replaced left rear inner cylinder baffle retainer. Extracted bad baffle screw from aft of #2 cylinder. Placed chaff protection on left cylinder bank intake drain tube assembly.

Terry L. Brokaw
1981475 A&P

Terry L Brokaw



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

13 May 2013

N327PZ
Engine

1737.4 Hobbs
1737.4 ETT

Performed Cylinder compression test: #1: 66, #2: 65, #3: 66, #4: 65, #5: 72, #6: 70.
 Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Phillips 66 XC 20W50 oil and new filter CH48108-1. Engine washed, run up, leak check OK.
I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Mark Roisen
506742944 A&P

Mark Roisen

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	→				

Waterford Aviation, Inc. 2121 Airport Rd. Waterford, MI 48327 (248) 666-3333 (248) 666-1094 fax
 MX@PontiacFlight.com www.WaterfordAviation.com

Registration: N327PZ Type: Continental IO-360-ES S/N: 357960
 Date: December 20, 2012 Hobbs: 1718.9 ACTT: 1711.3

Drained oil, took sample for Blackstone Laboratories, removed filter, inspected for contaminants – none found, installed new CH48108-1 filter, and serviced sump with 7 Qts. Phillips 20w-50X/C and ASL CamGuard. Visually inspected exhaust system. Serviced #1 battery. Ground run-up ops and leak check good. All work done IAW Cirrus SR20 Service Manual.-----END-----

JAL A-2738624



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

28 March 2013

N327PZ
Engine

1728.3 Hobbs

Replaced cylinder base seal and push rod tube seals on #4 cylinder. Replaced push rod tube seals on #2 cylinder. Replaced left rear inner cylinder baffle retainer. Extracted bad baffle screw from aft of #2 cylinder. Placed chaff protection on left cylinder bank intake drain tube assembly.

Terry L. Brokaw
1981475 A&P

Terry L. Brokaw



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

13 May 2013

N327PZ
Engine

1737.4 Hobbs
1737.4 ETT

Performed Cylinder compression test: #1: 66, #2: 65, #3: 66, #4: 65, #5: 72, #6: 70.
 Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Phillips 66 XC 20W50 oil and new filter CH48108-1. Engine washed, run up, leak check OK.
 I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Mark Roisen
506742944 A&P

Mark Roisen

Waterford Aviation, Inc. 2121 Airport Rd. Waterford, MI 48327 (248) 666-3333 (248) 666-1094 fax
 MX@WaterfordAviationInc.com www.WaterfordAviation.com

Registration: N327PZ Type: Continental IO-360-ES S/N: 357960
 Date: November 26, 2013 Hobbs: 1758.0 ACTT: 1758.0

Drained oil, took sample for Blackstone Laboratories, removed filter, inspected for contaminants – none found, installed new CH48108-1 filter, and serviced sump with 7 Qts. Phillips 20w-50X/C and ASL CamGuard. Replaced #3 CHT probe with new 14880-003 probe – ops check good. Ground run-up ops and leak check good. All work done IAW Cirrus SR20 Service Manual.-----END-----

M. J. ... A&P 36334152

Engine Service and Maintenance Record

Date Total Time Time Since Last Overhaul



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

Inspections,

B

JUNE 6, 2014

**N327PZ
Engine**

**1766.1 Hobbs
1766.1 ETT**

Performed Cylinder compression test: #1: 68, #2: 70, #3: 71, #4: 68, #5: 70, #6: 72.
Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Phillips 20-50 oil and new filter CH48109-1. Removed Magnetos MN: 6314 SN:08051253, MN: 6314, SN:05091697. Installed overhauled magneto kit with harness, Kit# BL-400475, Magnetos installed MN: S61SC-25 SN:D14EA096R PN:10-500556-3. And MN:S61SC-25, SN:D14EA012R, PN: 10-500556-3. Installed new tail pipe clamps on both exhaust pipes 4EA PN: 20553-001.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Brendan J. Cercone
Brendan J. Cercone
A&P3745798



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

February 6, 2015

**N327PZ
Engine**

1790.1 Hobbs

Oil and filter changed. Serviced engine with 7 quarts of Phillips 20-50 oil and new filter CH48109-1. Re bonded Tanis oil pan heating element. All operation and leak checks were satisfactory.

Brendan J. Cercone
Brendan J. Cercone
A&P3745798



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

June 5, 2015

**N327PZ
Engine**

**1800.7 Hobbs
1800.7 ETT**

Performed Cylinder compression test: #1: 60, #2: 69, #3: 76, #4: 74, #5: 62, #6: 76.
Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Phillips 20/50 oil and new filter CH48109-1. Removed all fuel injectors, cleaned and reinstalled IAW TCM M-7 manual. Installed new #5 CHT probe PN: 14880-003. Engine washed, run up, leak check OK.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Brendan J. Cercone
Brendan J. Cercone
3745798 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

June 17, 2016

**N327PZ
Engine**

**1824.1 Hobbs
1824.1 ETT**

Performed Cylinder compression test: #1: 68, #2: 71, #3: 69, #4: 70, #5: 71, #6: 69.
Oil and filter changed. Black stone Oil sample taken. Serviced engine with 8 quarts of Phillips 15/50 oil and new filter CH48109-1. Installed new oil cooler valve cover bumper PN: 632983. Engine washed, run up, leak check OK.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Brendan J. Cercone
Brendan J. Cercone
3745798 A&P

Date

Total Time

Time Since

Engine Service and Maintenance Record



719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6606
Fax 734-662-0559

Inspections,

Brought

July 18, 2017

N327PZ
Engine

1837.6 Hobbs
1837.6 ETT

Performed Cylinder compression test: #1: 62, #2: 60, #3: 64, #4: 61, #5: 55, #6: 64.
Oil and filter changed. Blackstone Oil sample taken. Serviced engine with 7 quarts of Phillips 20w-50 oil, Camguard and new filter AA48108-2. Bore-scoped engine. No defects found at this time. Engine washed, run up, leak check OK.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Trevor Moehl
3554241 A&P



719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6606
Fax 734-662-0559

August 17, 2018

N327PZ
Engine

1875.8 Flight Hobbs
1875.8 ETT

Performed Cylinder compression test: #1: 70, #2: 71, #3: 71, #4: 62, #5: 67, #6: 66.
Drained oil. Took Blackstone oil sample. Removed and installed new Ch48108-1 oil filter. Serviced engine with 7 quarts of Phillips 20W-50 oil and Camguard oil additive. Cleaned, gapped and spark checked spark plugs and reinstalled. Swaped #3 and #5 CHT probe for troubleshooting.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Trevor Moehl
3554241 A&P

ENGINE MODEL
IO-360-ES
ENGINE S/N 357960
REG NO N327PZ
WORK ORDER
4658-12-2018



Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 19 December 2018
A/C TSN 1903
ENG TT 1903
TSMOH
HOBBS 1903

Engine Entries

Drained oil took sample for Blackstone Labs. removed oil filter inspected for contaminants - none found. installed new CH48108-1 filter and serviced sump with 7 qts Phillips 20w50 X/C and ASL CamGuard. Leak check good

DATE: 19 December, 2018

SIGNED:

Dan Lynch, A&P 3624030

Work Order: 4658-12-2018

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ENGINE MODEL
IO-360-ES
ENGINE S/N 357960
REG NO N327PZ
WORK ORDER
4768-02-2019



Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 05 March, 2019
A/C TSN 1926 8
ENG TT 1926 8
TSMOH
HOBBS 1926 8

Engine Entries

Removed #6 cylinder. Replaced piston with new P/N 654861. installed new intake valve seal P/N 646678. Replaced exhaust valve with new P/N SA646460. Reinstalled cylinder with new gasket set P/N SA360-T1 and exhaust gaskets 630365E (qty 4). Ops check and leak check good.
Drained oil. Inspected filter for contaminants. None found at this time. Installed new oil filter P/N AA48108-2. Installed 7qts Phillips 20w50 X/C. Leak check good

DATE: 05 March, 2019

SIGNED:

Dan Lynch, A&P 3624030

Work Order: 4768-02-2019

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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 →



719 Airport Drive
Ann Arbor, MI 48106
Phone 734-662-6005
Fax 734-662-0559

25 September 2019

N327PZ
Engine

1980.3 Hobbs

Performed cylinder compression test: #1[73] #2[72] #3[73] #4[70] #5[74] #6[70]. Oil and filter changed. Blackstone oil sample taken. Serviced engine with 7 qts. Phillips 20W50 oil and Camguard oil additive, new filter CH48108-1. Bore-scoped engine. No defects found at this time. Installed 12 new URHM 38E spark plugs; retimed both magnetos; replaced #1 CHT probe with new P/N 14880-003; cleaned all injectors and performed engine fuel system checks per SID 97-3DE and adjusted as needed. C/W Airwolf oil separator ICA. Washed engine, ran up and leak checked ok.
I certify that this Engine has been inspected I/A/W a 100 hr. inspection and FAR 43, App. "D", and was found to be in airworthy condition.

Mark C Roisen
506742944 A&P

ENGINE MODEL
IC-360-ES
ENGINE S/N 357960
REG NO N327PZ
WORK ORDER
5523-02-2020

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 21 March 2020
A/C TSN 2024 3
ENG TT 2024 3
TSMCH
HOBBS 2024 3

Engine Entries

Drained oil and took sample to be evaluated at Blackstone Labs. removed oil filter. Cut filter open to inspect for contaminants. none found at this time. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips X/C 20W50 as required. Performed post maintenance run-up and leak check. No leaks noted at this time.

Removed #5 cylinder and connecting rod. Cylinder repaired by Michigan Aviation. CRS KL2R956K under work order 6709. Connecting rod repaired by Aircraft Specialties Services, Inc CRS DD2R764K under work order 259311. Installed repaired components with new ring set, P/N SA3610-SC. Gasket set P/N SA360-T1. rod bearings (P/N 642336 x2). Rod Bolt (656859 x2) and Rod Nut (654487 x2). Performed ground run of engine. All ops check good. leak check good. All work performed IAW Continental M-O Standard Practices manual and Cirrus SR20 AMM.
Installed engine driven fuel pump P/N 649368-46A4. S/N B05AA400 after overhaul from D & G Supply #NK2R034L under WC# 38454.

DATE: 21 March, 2020

SIGNED:

Work Order: 5523-02-2020

Dan Lynch, A&P 36954030

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ENGINE MODEL
IC-360-ES
ENGINE S/N 357960
REG NO N327PZ
WORK ORDER
6032-09-2020

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 08 October 2020
A/C TSN 2062 5
ENG TT 2062 5
TSMCH
HOBBS 2062 5

Engine Entries

Cleaned fuel injectors IAW Continental M-O Standard Practices Manual chapter 6 and 10. All ops check good. leak check good.

Set idle speed and mixture IAW Continental M-O Standard Practices Manual chapter 6.
Drained oil. took sample for evaluation by blackstone labs. Removed filter and inspected for contaminants. none found. Installed new AA48108-02 oil filter. serviced with 7 quarts Phillips 20W50XC and Camguard oil supplement per manufacturers recommendation.

Installed new alt 2 accessory mount pad oil seal PN 25102 with new gaskets SA627993 and MS9134-01 IAW Continental M-O Standard Practices Manual.

Completed Annual Inspection in scope and detail of FAR 43 App D and using Cirrus SR20 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2020-20. Performed differential compression check. results are #1 70 #2 69 #3 73 #4 71 #5 75 #6 72. Master Orifice 45. Performed borescope inspection of cylinders. Lubricated engine controls. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

DATE: 08 October, 2020

SIGNED:

Work Order: 6032-09-2020

Dan Lynch, IA, 3695185


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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 →

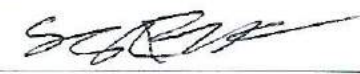
ENGINE MODEL IO-360-ES ENGINE S/N 357960 REG NO N327PZ WORK ORDER 6327-01-2021	Waterford Aviation, Inc. 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone 248-724-2400	DATE 14 January 2021 A/C TSN 2105 1 ENG TT 2105 1 TSMOH HOBBS 2105 1
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Engine Entries
 Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips X/C 20W50 and CamGuard as required. Performed post maintenance run-up and leak check. No leaks noted at this time. All work completed IAW Continental M-O Standard Practices Manual.

DATE: 14 January, 2021 SIGNED:  Work Order: 6327-01-2021
 Dan Lynch, A&P 3624030 Printed by EBis 3 (datcomedia.com)


ENGINE MODEL IO-360-ES ENGINE S/N 357960 REG NO N327PZ WORK ORDER 7151-09-2021	Waterford Aviation, Inc. 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone 248-724-2400	DATE 15 September 2021 A/C TSN 2162 5 ENG TT 2162 5 TSMOH HOBBS 2162 5
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Engine Entries
 Reamed #6 cylinder exhaust valve guide to clean deposits. Reassembled using new lock tabs. P/N 501867 (x2). All work done IAW CMI M-O Standard Practices manual. Ops check good.

DATE: 15 September, 2021 SIGNED:  Work Order: 7151-09-2021
 Sean Farrelly, A&P 3890041 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-360-ES ENGINE S/N 357960 REG NO N327PZ WORK ORDER 6919-07-2021	Waterford Aviation, Inc. 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone 248-724-2400	DATE 12 July 2021 A/C TSN 2162 5 ENG TT 2162 5 TSMOH HOBBS 2162 5
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Engine Entries
 Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips X/C 20W50 and CamGuard as required. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 12 July, 2021 SIGNED:  Work Order: 6919-07-2021
 Sean Farrelly, A&P 3890041 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-360-ES ENGINE S/N 357960 REG NO N327PZ WORK ORDER 7417-11-2021	 Waterford Aviation, Inc. 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone 248-724-2400	DATE 02 December 2021 A/C TSN 2192 7 ENG TT 2192 7 TSMOH HOBBS 2192 7
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Engine Entries
 Completed Annual Inspection in scope and detail of FAR 43 App. D and using Cirrus SR20 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-23. Performed differential compression check, results are #1 64 #2 68 #3 64 #4 68 #5 78 #6 68 Master Cricle 43, all over 80 PSI. Performed borescope inspection of cylinders. Lubricated engine controls. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.
 Drained oil and took sample for evaluation by blackstone labs. Removed oil filter, inspected for contaminants, none found. Installed new oil filter P/N/ AA48108-2. Serviced engine oil sump with 7qts 20W50xc and Camguard as required. Removed fuel injectors and cleaned in hoppers #9. Reinstalled fuel injectors.

DATE: 02 December, 2021 SIGNED:  Work Order: 7417-11-2021
 Luke Hall, A&P 3695185 Printed by EBis 3 (datcomedia.com)