



Engine Record General Information

Manufacturer Continental Model A80

Serial KL1 Type Certificate Experimental

This engine is currently installed in aircraft Flybaby

Minimum Octane Fuel 87 Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

YEAR: 14	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-3	46.1		94.1	I have Inspected this Engine and found it to be Airworthy for flight operation certificate [REDACTED]
				Engine Compression - Cold
				1- 80-78
				2- 80-78
				3- 80-78
				4- 80-79

YEAR: 2016	RECORDING TACH TIME
3-3	

LOG ENTRY
DATE OF OVERHAUL: 07/11/2016 **NA-S3A1 SERIES CARBURETOR**
TCM MFGR'S NUMBER: 3628 **SERIAL NUMBER #** none
APPLICATION / FITS: CONTINENTAL A-65, A-75, A-80 ENGINES
USE ONLY WITH GRAVITY FLOW FUEL DELIVERY SYSTEMS:
 Overhaul STROMBERG A-S Carburetor as per the STROMBERG Overhaul and Parts Manual Form 15-103C REV.08-01-65. Unit was disassembled, cleaned and inspected for damage and corrosion (none found). Glass bead blasted, Alumina-etched and Alodined. Replaced all gaskets & seals, stainless steel float needle pin P14222, brass seat pin P17247 and all AN hardware. Float was tested for leaks / checks normal. Float level was set to 13/32" wet per manual. Float drop was checked at .048" minimum per manual. Part numbers checked are # 49 main metering jet / # 65 reducer / # 68 idle tube orifice / 1-1/4" venturi. Installed float bowl vent re-location as per STROMBERG Service Bulletin #73 - identified by 1" yellow dot painted on face of carburetor body. Unit re-assembled and safety wired. Mixture control arm safety wired in "full rich" position. NOTE: The engine idle speed adjustment screw is set for approximately 600 RPM initially and the idle mixture screw is set to 3 turns open. These two adjustment screws must be re-adjusted at initial engine start-up for proper idle speed and smoothest idle mixture. A fuel proof sealant is to be used on the threads of the 1/4" NPT fuel bowl inlet fitting to prevent fuel leaks.
 Teflon tape IS NOT TO BE USED.
NOTE: TURN FUEL SELECTOR TO "OFF" AT ENGINE SHUTDOWN AND WHEN PARKED
=WARNING= OPERATION OF THIS CARBURETOR IS PROHIBITED WHEN USED WITH AUTOMOTIVE FUEL CONTAINING ETHANOL.
 I CERTIFY THAT THIS CARBURETOR HAS BEEN OVERHAULED TO STROMBERG STANDARDS AND IS IN AN AIRWORTHY CONDITION...
 [REDACTED]
 ROBERT M. SCHERGIUS / PRES
 UNI-TECH AIR MANAGEMENT SYSTEMS, INC. **-END-**

nician or Repair
 stalled
 not at
 of
 sharp,
 ing.
 7 this
 inspection
 re and
 und to

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2016				
3-3				Drained oil and checked screws. Installed oil quick drain valve. SAF-AIR part # 56250. Replenished with 4 quarts of Phillips XC20-50. Checked all spark plugs, exhaust system, and magneto timing. Engine compression OK. I certify that this engine has been given a conditional inspection on this date in accordance with the scope and detail of Appendix D of ACFR and was found to be in a condition for safe operation. [Redacted Signature] AIA

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2017				
2-23	89.7			I certify that this engine has been inspected in accordance with the scope and detail of part 43 Appendix "D" and was found in condition for safe operation. Replaced all spark plugs with Tempest UREM 40E, Serviced oil with Phillips 20W50, Inspected and cleaned oil screen, no defects noted. Replaced left & right exhaust stack with new heater muff. Replaced all exhaust gaskets with Superior SA627429. Inspected and cleaned gascolator screen, drained carb bowl. Compression test: 1)74, 2)70, 3)72, 4)78 [Redacted Signature] Robert D. Kaba

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE <u>2018</u>				
<u>4-26</u>	<u>119.1</u>			I certify that This engine has been inspected in accordance with The scope and detail of part 43 Appendix "D" and was found in condition for safe operation. Cleaned + inspected spark plugs, repaired Left Exhaust Stack by welding, cleaned + inspected oil screen - Serviced with Phillips 20W50, Added one pint of AVblend. Cleaned gas collector screen + drain carb. bowl. Comp. check 1) 70 2) 78 3) 70 4) 78 Replaced air filter with a Brackett BA-4106 Re Ran engine for Leak check NO Leaks Magneto drop 50 RPM
Air Filter element BA 4108				

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-3				Removed all mechanical brake components and rudder pedals. Installed Grove J-3 disc brake components on wheels. Installed new rudder/brake pedals with Grove master cylinders. Installed new throttle cable assembly. Installed new fuel valve, manufactured new Aeroquip 303-6 fuel lines. Removed all engine primer components and installed Lunkenheimer primer with all new copper system components. I certify that this aircraft has been given a conditional inspection in accordance with the scope and detail of Appendix D of 14CFR and found to be in a condition for safe operation. T. Julian [REDACTED] March 3, 2016

YEAR: 2017 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-23	89.7			I certify that this airframe has been inspected in accordance with the scope and detail of part 43 Appendix "D" and was found in condition for safe operation. Added a fixed trim tab to the left elevator. Replaced all safety wires on flying and landing cable turnbuckles. Lubed all systems. [REDACTED] Robert D. Kaba [REDACTED]
3-26-17	89.7			Replaced airspeed indicator with a UMA Instruments P/N 16-310-120 S/N C3475. Leak check was good. [REDACTED]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2018 4-26	119.1			I certify that this Airframe has been inspected in accordance with the scope and detail of Part 43 Appendix "D" and was found in condition for safe operation. Lubed all flight controls. brakes are good.
				[Redacted Signature]
				AJP

Avp