

MASTER ENGINE BUILDERS



ENGINE LOG

F.A.A. Certified Repair Station MW2R020L

"Quality not Quantity"

G&N Aircraft, Inc. Engine Log Book

- Manufacturer
- Model
- Serial Number
- Engine Total Time
- Recommended TBO
- Minimum Octane Fuel

Important Notice to Installer

Even though this engine has been test run and set using our dynamometer it must be set in the correct manner and within the limitations as specified in the engine and airframe manufacturers service manuals when installed in the aircraft.

G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/1/2006, G & N Aircraft, Inc., (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of twelve (12) months after date of delivery to customer, G & N Aircraft, Inc. shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after twelve (12) months from the date of delivery to customer and prior to the expiration of the manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at G & N Aircraft's option, shall be prorated in the following manner. The customer shall pay a prorated amount based upon the engine's TBO and the engine hours (which shall be deemed the greater of logbook hours, recorded tachometer hours, or a minimum of forty (40) hour per month from date of delivery). For instance, an engine with a TBO of 2000 hours and with 200 hours of usage in a 16 month period would have a prorated warranty coverage of 68% applied to cost of a replacement engine or to the cost of parts and labor for repair of this subject engine, either of which shall be at the option of G & N Aircraft, Inc. Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by G & N Aircraft, Inc.

After the initial twelve (12) months from date of delivery, G & N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories, including but not limited to the following: magnetos, starter, alternator, ignition harness, turbocharger, carburetor, fuel injection, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis prepaid by customer. G & N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

REQUIRED CONDITIONS AND PROCEDURES NECESSARY FOR OBTAINING WARRANTY WORK - The following conditions and procedures must be met before G & N Aircraft, Inc. is liable under the provisions of this written warranty. The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with a detailed description in writing of the nature of the defect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization

must be obtained from G & N Aircraft, Inc. before repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable repair costs exceed local published shop rates. This warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the Federal Aviation Administration ("FAA") and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by appropriate logbook entries which must accompany any engine returned for warranty work. Only defects which are reported to G & N Aircraft, Inc. within the warranty period are covered by this warranty and G & N Aircraft, Inc. must be given written notice, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS - G & N Aircraft, Inc. shall not be liable for freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. G & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This written warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed repaired or maintained or altered in any manner which, in the judgment of G & N Aircraft, Inc. has had an adverse effect on the engine or its parts. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. Unless prior approval is given in writing by G & N Aircraft, Inc., this warranty shall not apply to any engine which has been repaired or altered, in any manner other than by G & N Aircraft, Inc. or its authorized representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. G & N Aircraft, Inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL G & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The laws of the State of Indiana will control the interpretation and application of this warranty. All disputes regarding this warranty and any related purchase or repair must be adjudicated in Lake County, Indiana.

Warranty No. 73416
Engine Serial No. 281993-R
Aircraft Registration No. _____



1701 East Main Street
Griffith, Indiana 46319
Tel: (219) 924-7110

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Left

This is to certify that the engine described hereafter has been overhauled to the manufacturer's new parts limits. Engine disassembled, cleaned, inspected, and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance as of the date of overhaul.

A description is on file at this agency under:

Job No. 73416

Date 12/09/2019

Mfg. Continental

Model IO-550-BCC

Serial No. 281993-R

Time in Svc. 3485.8



G&N Aircraft, Inc.

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

Dennis M. Wynn
Authorized Signature C.R.S. # MW 2R020L

The Accessories Listed Below Were Overhauled and Supplied With This Engine

Engine IO-550-BCC

SN 281993-R

DATE 12/09/19

Part Number Serial Number

Part Number Serial Number

MAG. BL-349350-4 F19BA171R

PROPELLER NONE

MAG. BL-349350-5 F19HA130R

PROP. GOV. NONE

ALT./GEN. ES-6024D H-T092731

TACH. GEN. NONE

INJ./CARB. 646619-2 G149207AR

TURBO CHARGER NONE

FUEL PUMP 646212-19 L309010BR

WASTE GATE NONE

STARTER NONE

CONTROLLER NONE

VAC. PUMP AA442CW-12 0A9A03

CONTROLLER NONE

DIS. VALVE 646508-6A1 A099524CR

REL. VALVE NONE

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

W.O.# 73416
Dennis M. Wynn
Authorized Signature C.R.S. # MW 2R020L



G&N Aircraft, Inc.

Statement in Blocks 13a and 14a do not constitute accordance with the national regulations by the user.

AIRWORTHINESS DIRECTIVE

At date of engine overhaul: 12/09/2019

Engine Model: IO-550-BCC

Authorized Signature: _____

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
88-03-06		M88-4	X	
91-19-03		-----	X	
93-08-17		M91-10-R1	X	
95-03-14		MSB94-9	X	
98-01-08		-----	X	
99-19-01		MSB99-3C	X	
2000-23-21		00-5C	X	
2010-11-04		MSB09-8A	X	
93-10-02		M93-9 R1	X	
END				

...contain an installation certificate issued by...

COMPLIANCE RECORD

S/N 281993-R W/O 73416

C/W complied with, P/C/W previously complied with, N/A not applicable

Authorized Signature: _____ CRS MW2R020L

	N/A by P/N
	N/A by P/N
	N/A by model
	N/A by P/N
	N/A by P/N
	N/A by S/N
	N/A by S/N
	N/A by P/N
	P/C/W
END	

FAA Form 130-3 (02-14)

Date

TACH	TTSN
Hobbs	SMOH

Performed Work: Must include signature, certificate number, and repair station number if applicable

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

1/21/2020 Left N777TK Hobbs: 5523.0 SMOH: 0.0

Engine Installed: on Beechcraft Baron 58 N777TK SN) TH-1018 in LH position, see current AD report for list of accessories.

Inspections: Completed Annual Inspection this date IAW FAR Pt. 43 App. D

Compressions: Engines are Zero time Since Major Overhaul.

All AD's checked.

All routine maintenance completed: Installed new BA-7710 induction air filter element, AA48108-2 oil filter and serviced oil to 10qts of Phillips 20W50XC. Set mag timing per placards and markings, set fuel pressures per SID97-3C. Washed down engine, ran up and checked for leaks, none noted at this time.

No repairs necessary.

I certify; this Engine has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work described above has been accomplished in accordance with current regulations.

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

4/13/2020 Left N777TK Hobbs: 5544.7

Oil changed this date: Cut open filter and inspected for metal, none found. Installed new AA48108-2 filter and filled engine with 11qts of Phillips 20W50XC oil. Washed down engine, ran up and checked for leaks, none noted at this time.

Repairs as Listed: Adjusted fuel pressure with calibrated gauges per SID97-3G, ran up, found satisfactory at this time.

I certify that the work described above has been accomplished and inspected in accordance with current regulations and is approved for return to service.

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

5/20/2020 Left N777TK Hobbs: 5551.8

Repairs as Listed: Adjusted fuel pressure with calibrated gauges per SID97-3G, ran up, found satisfactory at this time.

I certify that the work described above has been accomplished and inspected in accordance with current regulations and is approved for return to service.

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

NSN 0052-00-012-0005

Date

TACH

TTSN

Hobbs

SMOH

Performed Work: Must include signature, certificate number, and repair station number if applicable

Finefield Aviation

LEFT ENGINE Log

Serv Date: 1/26/21

4383

Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
777TK	BEECH-58	TH-1018	0	56.8	5579.8	5579.8

I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condition, I.A.W. the BEECH maintenance manual. Compression test: 1) 75/80, 2) 72/80, 3) 75/80, 4) 72/80, 5) 74/80, 6) 70/80. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 11 qts. of 20W50 Phillips X/C oil. | Replaced the air filter element. | Tightened induction hose clamps and engine breather hose clamps. | Checked magneto timing to specs. | Greased prop hub using Shell grease. | Removed manifold pressure and alcohol deice hoses, made new assemblies using original hose fittings, reinstalled and pressure checked. | Tightened intake and exhaust flange nuts and bolts. | Cleaned dipstick cap and installed a new gasket. | Tightened valve cover screws. | Removed fuel controller screen, cleaned, reinstalled and safetied. | Replaced instrument inlet air filter.; | Cleaned, gapped and reinstalled spark plugs. | Cleaned and installed spark plug wire ends. | Disconnected controls at engine pressure lubed cables, reassembled, installed and checked rigging. | Replaced mixture throttle and prop control rod ends, rigged controls and safetied. | Replaced alternate air duct. | Washed down engine. | Dressed prop blades. | Ran up and checked for leaks found none. | Pressure checked engine fuel system and found no leaks. | Replaced the air filter element. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA

For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4383

G&N Aircraft

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

***Keeping You Flying
for 50 years...
And Beyond!***

G&N AIRCRAFT, INC.
F.A.A. Certified Repair Station MW2R020L

Visit Us Online



1701 E. Main Street | Griffith, Indiana 46319
Office 219.924.7110
Toll Free 800.348.6504
Fax 219.924.1059
email sales@gnaircraft.com

www.gnaircraft.com