

ENGINE SERVICE AND

DATE	N58LF R/H Engine Date 05/06/2020 Hobbs 00802.5	CTIONS, S REQUIRED FOR COMPLETE
BROUGHT FORWARD	1- C/W Mandatory Service Letter SL MEL-74-03 IAW SB19-01. Not applicable by R/H and L/H magneto S/N's and date of manufacture. Kevin Pattengale A&P [REDACTED] A Fargo Aircraft Maintenance Inc.	

wo: WO_63	Engine R Page 1 of 1
 Heck Air LLC [REDACTED] Melbourne, FL [REDACTED]	
N58LF Hobbs: 784.0	February 13, 2020
Oil leaking from pump's housing helicoil where stud missing. Removed right engine cowling. Removed throttle body from engine for access to oil pump Assy. Removed oil pump Assy for Don George LLC to replaced oil pump housing. Inspect pump, clean and assembled Don George Invoice: 12587. Reinstalled oil pump Assy on engine with all new seals and gaskets. Reinstalled throttle body, leak check all fuel lines. Reinstall engine cowling, run for ops/leak check ok.	
H. Hamilton A&P [REDACTED] A [REDACTED]	

N58LF R/H engine Date 06/12/2020 Hobbs 811.9 TSOH 1508.9 TSTOP-94.6	1- Drained R/H engine oil. Cut and inspected oil filter. No unusual contaminants found at this time. Installed new CH48108-1 oil filter and serviced engine with 11 qts. of Phillips 20W50XC oil. Run up leak check satisfactory. 2- Adjusted engine prop RPM to 2690. Kevin Pattengale A&P [REDACTED] A Fargo Aircraft Maintenance Inc.
N58LF R/H Engine Date 10/12/2020 Hobbs 0000.0 New hobbs installed. 814.8 TSOH 1511.8 TSTOP 97.5	1- 100 Hr. inspection complied with in accordance with Teledyne Continental IO 520 series MM. Beechcraft 58 series MM and FAR 43 appendix D scope and detail. 2- Compression check results as follows. Cyl. # 1 74/80 2- 72/80 3- 72/80 4- 72/80 5- 74/80 6- 74/80. 3- No oil and filter change at this time. 4- Installed new BA6205 engine air filter. 5- Cleaned, gapped and rotated all spark plugs. Inspected and tested spark plug leads. 6- Inspected all engine wiring for condition, routing and security. 7- Inspected all engine hoses and tubing for condition and security. 8- Inspected engine exhaust system for leaks and cracks and condition and security. 9- Checked R/H and L/H magnetos to engine timing. 10- Inspected all engine intake manifolds and engine mounts for condition and security. 11- Lubed all engine controls and inspected cables for condition and security. 12- Checked all AD's through this date. 13- Performed ground run. Operational and leak check satisfactory. I certify that this engine has been inspected in accordance with a 100 Hr. inspection and was determined to be in airworthy condition. Kevin Pattengale A&P [REDACTED] A Fargo Aircraft Maintenance Inc.
TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

General Aviation Modifications, Inc.

Ada, OK

MANUFACTURER RELEASE CERTIFICATE

KIT NO. GAD13A

Product Name: GAMIjectors®
Fuel Injection Nozzles

STC No. SE09217SC
FAA-PMA

P/N: <u>GA173</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>1</u>
P/N: <u>GA173</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>2</u>
P/N: <u>GM156</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>3</u>
P/N: <u>GM156</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>4</u>
P/N: <u>GF147</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>5</u>
P/N: <u>GF147</u>	Qty. <u>1</u>	Installation Location Cylinder: <u>6</u>

Applicable to:

Engine Manufacturer: Continental Motors

Engine Model: IO-520-CB

RIGHT ENGINE

GAMIjectors® Kit No: GAD13A

S/N: 29904

THE AERONAUTICAL PRODUCT DESCRIBED HEREON CONFORMS TO
APPROVED TYPE DESIGN AND IS IN A CONDITION FOR SAFE OPERATION



GAMI AU

Date: 22-May-2021

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 26885		
4. Organization Name and Address: Triad Aviation Inc. [REDACTED] Burlington, NC [REDACTED]					5. Work Order/Contract/Invoice Number: 26885		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	SUPERIOR CYLINDER	SA52006-A1	1	526-F07-5850	REPAIRED		
12. Remarks: Repaired As Needed (1) Superior IO-520-CB cylinder. Cleaned, inspected, honed barrel, refaced seats and valves, lapped and leak check o.k.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: [REDACTED]		14c. Approval/Certificate No.: PP4R448M	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Othman M. Rashed		14e. Date (dd/mm/yyyy): 24-Nov-2021	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

ENGINE SERVICE AND

Superior Aero Services LLC

Lexington, NC

Make: BEECH

Model: 58

Reg. No.: N58LF

Date: 01/18/22

S/N: TH-237

Hobbs Time: 73.40

Engine Log

Type: TCMIO520C(5)CCB

S/N: 240627-R

Total Time: 3731.4

SOH: 1584.7

Performed ANNUAL inspection in accordance with FAR 43 appendix D scope and detail and manufactures checklist.

> Replaced #1 cylinder w/ repaired SA52006-A1 cylinder s/n 526-F07-5850 & piston & rings. Installed w/ new seals & gaskets & torqued to specs i/a/w Continental maint. man & manual M-0.

> Removed #1 connecting rod & reinstalled after repair & insp. by Triad Aviation. See 8130-3 for details. Installed & torqued i/a/w Continental maint. manual.

> Removed oil pan, cleaned residue & insp. camshaft, checked good. Installed pan w/ new gasket & torqued to specs.

> Removed oil cooler, flushed & reinstalled w/ new gaskets & seals. Leak check good.

> Performed gnd. break in runs i/a/w Continental manual M-0.

> Serviced w/ Aeroshell 100 mineral oil & AA48108-2 filter. Removed filter after gnd. runs & inspected, only trace amounts of metal found. Installed new filter. Will recheck after next flight.

> Prop gov. removed for flush & bench check by H&H Propeller shop & reinstalled w/ new gasket.

> Installed GAMI fuel injectors kit # GAD13A s/n 29904 i/a/w STC SE9217SC & installation procedure #IP-96-001. Rev. 005 dated 10/11/2002. Filed form 337.

> Replaced #2 cyl. intake gasket.

> Replaced fuel line cooling shroud at fuel metering unit.

> Installed Reiff Preheat Systems standard 6 cyl. preheater i/a/w Reiff install & operating instructions.

> AD's checked thru 2022-2.

> Performed gnd. runs. All ops & leak checks good. END----

I certify this engine has been inspected, found airworthy & is approved for return to service.

Abner Tisdale A&P IA for Superior Aero Services LLC

CARRIED FORWARD

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PREVIOUS SUMMARY

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SINCE MFG.