



4760 Airport Road, Hangar # 6, Lunken Airport  
Cincinnati, Ohio 45226 USA  
FAA Certified Repair Station # E52R316Y  
(513) 871-9966 fax: (513) 871-9261  
[www.SignatureEnginesInc.com](http://www.SignatureEnginesInc.com)

**MODEL: TIO-540-J2BD**

**SERIAL: L-6288-61A**

**WORK ORDER: E8439 OH**

**ENGINE LOGBOOK**

*Right*



# Signature Engines, Inc.

4760 Airport Road, Hangar #6  
Cincinnati, OH 45226 USA

# Invoice

+1-513-871-9966 Fax: +1-513-871-9261

Is there a question?

FAA Certified Repair Station # E5ZR316Y

Customer Service: SignatureEnginesInc.com

Date	Invoice #
8/2/2021	11778

PAID  
08/06/2021

Bill To: Atmospheric Corrosion Specialists Inc. 1 Hickory Lane Mechanicsburg, PA 17055-4714	Ship To: Lancaster Airport Authority ATTN: Caamco, LLC 500 Airport Road STE G Lititz, PA 17543
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Work Order #: E8439 OH	Engine Model: TIO-540-J2BD	Engine Serial Number: L-6288-61A	Terms: DUE UPON RECEIPT Wire Transfer or Cashier Check
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Quantity	Description	Rate	Amount
1	Lycoming 6 Factory New Cylinders 1 Overhauled Dual Magneto 1 New Harness 1 Overhauled Fuel Injection 1 Overhauled Turbocharger 1 New Set of Spark Plugs 1 Overhauled Fuel Pump	43,900.00	43,900.00T
1	1 Overhauled Relief Valve	595.00	595.00T
1	1 Overhauled Wastegate	1,395.00	1,395.00T
1	1 Overhauled Large Controller	1,295.00	1,295.00T
1	1 Overhauled Small Controller	996.00	996.00T
1	Shipping One Way w/o Lift Gate Service	285.00	285.00T

<b>Wire Transfer Information</b> <hr/> Account Name: Signature Engines, Inc. Routing #: 042000314 Account #: 7928140032 Swift #: FTBC US3C Bank: Fifth Third Bank 38 Fountain Square Plaza Cincinnati, OH 45202 USA Bank Phone #: +1-513-871-2299	<b>Subtotal</b>	\$48,466.00
	<b>Sales Tax (0.0%)</b>	\$0.00
	<b>Total</b>	\$48,466.00
	<b>Payments/Credits</b>	-\$48,466.00
	<b>Balance Due</b>	\$0.00



## LIMITED WARRANTY

MODEL: TIO-540-J2BD  
SERIAL # L-6288-61A

W.O.: E8439 OH  
DATE: 8/6/2021

Signature Engines, Inc. warrants each overhauled engine to be free from defects in material and workmanship, under normal use and service, for 500 hours of operation or two years from date of release to



## ENGINE WARRANTY INFORMATION BEHIND THIS SHEET

To activate the engine warranty, the owner **must** return one copy of the enclosed warranty form within 45 days of receipt of the engine.

Please sign & date at the bottom. Then mail, email or fax it back to:

Signature Engines, Inc.  
ATTN: Warranty Registration  
4760 Airport Road Hangar #6  
Cincinnati, OH 45226 USA

Email: [CustomerService@SignatureEnginesInc.com](mailto:CustomerService@SignatureEnginesInc.com)

Fax: +1-513-871-9261

## WARRANTY VALIDATION

***Must be completed and returned within 45 days in order to validate your warranty:***

1. I have read, and understand the warranty provided on my engine, and agree that all claims will be handled according to the provisions of that warranty.
2. Signature Engines, Inc. accepts no responsibility for any loss of use of aircraft or Engine due to a malfunction of the engine or component part.

SIGNED \_\_\_\_\_

DATE \_\_\_\_\_

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTALS</b> brought forward from previous page				

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: Invoice # 11778
4. Organization Name and Address: Signature Engines, Inc., 4750 Airport Road, Cincinnati, Ohio 45226				Certificate No. E52R316Y	
5. Work Order/Contract/Invoice Number: <b>EB439 OH</b>					
4. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Lycoming Engine	TIO-540-J2B0	1	L-6288-61A	Overhauled
12. Remarks: THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE APPLICABLE LYCOMING MANUALS. A LIST OF ALL PARTS, F.A.A. AIRWORTHINESS DIRECTIVES AND MANUFACTURER'S SERVICE BULLETINS COMPLIED WITH ARE A PART OF THESE RECORDS. ALL PARTS HAVE BEEN INSPECTED AND HAVE BEEN DETERMINED AIRWORTHY TO RETURN TO SERVICE. ENGINE TEST RUN PER FAA APPROVED DATA (SEIP-103) AND/OR OVERHAUL MANUAL. TEST SHEET FURNISHED. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.					
PARTS AND ACCESSORIES REPLACED: 6 Factory New Cylinders 1 Overhauled Dual Magneto 1 New Harness 1 Overhauled Fuel Injection 1 Overhauled Turbocharger 1 New Set of Spark Plugs 1 Overhauled Fuel Pump Engine T.S.M.O. 0 Hours Engine T.S.N. 2,504.9 Hours 1 Overhauled Small Controller 1 Overhauled Large Controller 1 Overhauled Wastegate 1 Overhauled Relief Valve					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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:		14c. Approval/Certificate No.:
					E52R316Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
			Terrence McRoberts, Inspector		05/Aug/2021
<b>User/Installer Responsibilities</b>					
<p>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.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification based in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

RT Engine Log      N6598L      Page 1 of 1  
 01/02/2022      Hobbs 1894.1  
 Installed this engine in N6598L with new engine shocks mounts PN J-9613-29. Serviced with 11 lts. Aeroshell 100 Mineral. CW AD 15-19-07 fuel injector lines. Next due Hobbs 2004.1.  
 Inspector: Certificate #AP2636560 IA  
 Allen Campbell


RT Engine Log      N6598L      Page 1 of 1  
 1/2/2022      TSO 0.0      Hobbs 1894.1  
 Compressions #1) NA #2) NA #3) NA #4) NA #5) NA #6) NA. CW AD 15-19-07 Fuel injector lines. Next due Hobbs 4452.7.  
 This engine has been inspected IAW an Annual Inspection and was found airworthy on this date.  
 Inspector: Certificate #AP2636560 IA  
 Allen Campbell


**SUB-TOTALS** this page  
**TOTALS**-Carry forward to next page

RT Engine Log N6598L Page 1 of 1

02/28/2022 Hobbs 1912.4

Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.


Inspector:  Certificate #AP2636560 IA  
Allen Campbell

No. \_\_\_\_\_  
3 WORK  
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RT Engine Log N6598L Page 1 of 1

06/10/2022 Hobbs 1949.5


Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.

Inspector:  Certificate #AP2636560 IA  
Allen Campbell

RT Engine Log N6598L Page 1 of 1

9/28/22 Hobbs 1985.0

Drained oil and refilled with 11 qts. Phillips 20W50XC. Run up and leak check ok.


Inspector:  Certificate #AP2636560 IA  
Allen Campbell

RT Engine Log N6598L Page 1 of 1

3/31/2023 TSO 122.6 Hobbs 2016.7

Compressions #1) 78 #2) 76 #3) 76 #4) 76 #5) 78 #6) 75. Drained oil and refilled with 11 qt. Phillips 20W50XC. Inspected and replaced filter. Cleaned, gapped, and reinstalled spark plugs. Checked magneto to engine timing. CW AD 15-19-07 Fuel injector lines. Next due Hobbs 2126.7.

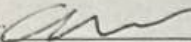
This engine has been inspected IAW an Annual Inspection and was found airworthy on this date.

Inspector:  Certificate #AP2636560 IA  
Allen Campbell

RT Engine Log N6598L Page 1 of 1

10/13/2023 Hobbs 2067.1

Drained oil and refilled with 11 qts. Phillips 20W50XC. Run up and leak check ok.


Inspector:  Certificate #AP2636560 IA  
Allen Campbell

RT Engine Log N6598L Page 1 of 1

4/1/2024 TSO 172.9 Hobbs 2067.0

Compressions #1)78 #2)78 #3)79 #4)80 #5)76 #6)78 Cleaned, gapped, and reinstalled spark plugs. Checked magneto to engine timing. CW AD 15-19-07 Fuel injector lines by inspection. Next due Hobbs 2177.0

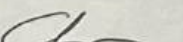
This engine has been inspected IAW an Annual Inspection and was found airworthy on this date.

Inspector:  Certificate #AP2636560 IA  
Allen Campbell

RT Engine Log N6598L Page 1 of 1

5/8/2024 Hobbs 2108.2

Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.

Inspector:  Certificate #AP2636560 IA  
Allen Campbell



