



N4804T

ENGINE LOG BOOK



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: RL-28795-48E	
4. Organization Name and Address: Lycoming Engines, 652 Oliver Street, Williamsport, PA 17701				5. Work Order/Contract/ Invoice Number: MS-546789		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1.1	Aircraft Engine	RENPL-RT8679	1	RL-28795-48E	SEE BLOCK 12	
12. REMARKS: ENGINE MODEL: IO-540-K1A5 Rebuilt by the manufacturer to original PAHs specifications in accordance with 14CFR par. 43.3(j) AIRWORTHINESS APPROVAL - ENGINE						
13a. Certifies the items identified above were manufactured in conformity to: ___ Approved Design data and are in a condition of safe operation ___ Non-approved design data specified in Block 12		14a. ___ 14 CFR 43.9 Return to Service <u>X</u> 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: <i>John F. Dabback</i>	14c. Approval/Certificate No.: PC #3			
13d. Name (Typed or Printed):	13e. Date (cd/mmm/yyyy):	14d. Name (Typed or Printed): J. DABBACK	14e. Date (dd/mmm/yyyy): 14-APR-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.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

LYCOI

Part Number	RENPL
Serial Number	RL-28
Engine Model	IO-540
Work Order	HP776
Total Time	0

Form 2481 Rev 05/13

RELEASE CERTIFICATE
WORTHINESS APPROVAL 1

DUCTION CERTIFICATE #3

9. Quantity:	1
1	F

accordance with 14CFR par. 43.3(j)

14a. 14 CFR 43.9 Return to
☒ Other regulation spe
Certifies that unless otherwise speci
described in Block 12 was accompli
Regulations, part 43 and in respect to
service.

14b. Authorized Signature:

John F. Dabback

14d. Name (Typed or Printed):
J. DABBACK

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installer ensures that his/her airwort
of the country specified in Block 1.

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by the user/installer before the ai

Engine Log & Maintenance Record

LOG #: 1

RECORD OF Lycoming IO-540-K1A5 RL-28795-48E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N4804T

FROM May 20 21 TO _____ 20____

DETAILING TIME FROM _____ TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: ____Right ____Left ____Front ____Rear

Rebuilt Engine Certificate of Conformance

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING

Part Number RENPL-RT8679
Serial Number RL-28795-48E
Engine Model IO-540-K1A5
Work Order HP776189
Total Time 0

Lou L. Adams 4/8/21
Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
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ENGINE MODEL:
IO-540-K1A5
ENGINE S/N
RL-28795-48E
REG. NO. N4804T
WORK ORDER. 22992



Aerodyne Corporation

Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 5/12/2021
A/C TSN: 3581
ENG TT: 0
TACH: 3581

Engine Entries

(2) Completed engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Engine installed new (rebuilt) at this 100 hour inspection. See Item No. 11. (11) Removed Lycoming engine IO-540-K1A5, s/n: L-9732-48. Installed rebuilt engine, zero time, by Lycoming IO-540-K1A5, s/n: RL-28795-48E. Engine rebuilt under Lycoming Work Order No. HP776189. The engine was installed with new vibration isolators (Barry 94110-02) new oil coolers (AERO Classic 8000074, s/n: 10414129 & 10414129), new propeller governor (PCU 5000, Model ATF4-4A, s/n: 204036), new alternator (Plane Power AL12-C60, s/n: H-U120006), overhauled propeller Hartzell HC-C2YR-1BF, s/n: CH35685B (overhauled by East Coast Propeller Service under Work Order No. ER-14620, see Item 12), new air induction filter (BA3) and serviced with Phillips 20W50XC oil. The engine was ground run. All operational and leak checks satisfactory.

The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 5/12/2021

SIGNED:

J.R. Smith

Work Order: 22992

J.R. Smith
Certified Repair Station No. HO1R-199K

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5194 W Military Highway, Chesapeake, VA 23321

WO 27027

HM1R197K (757) 488-7700

DATE: 9/10/2021

TACH READS: 15375
40605

TYPE: PA-32-300

REG: N4804T

Installed new T3B3 Type K thermocouple for oil temperature. Removed tach drive and covered drive with TC875 cap. Installed Alcor 86252 Type K thermocouples for CHT sensing on all cylinders. Ground tested engine for oil leaks. None found. Approved aircraft for return to service.

Mark Peters

Mark Peters AP3572201

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Page Total: _____

Brought Forward: _____

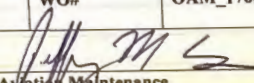


Total to Date: _____

al # _____

Engine Log

Serial # _____

Signature _____
Licence # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT					
Engine Logbook Entry					
Make/Model:	Piper PA-32-300	Reg. No.:	N4804T		
S/N:	32-7240089				
ACTT	3647.0	TT	63.4		
<p>Performed 50 Hr. oil change. Drained oil and serviced with 11 qts. Aeroshell 15W-50. Removed oil filter and replaced with Tempest AA4811-2. Performed run-up and leak checked. No leaks noted. Installed new #2 cylinder EGT probe connector.</p> <p>This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and or inspected IAW with current Rules and Regulations of the Federal Aviation Administration and is approved for return to service.</p>					
Date:	3/25/22	WO#	OAM_1760		
Authorized Signature: 					
Oasis Aviation Maintenance 68 Dale Pepper Drive Newnan Ga, 30263 CRS# 20HR111C					
ENGINE MAKE: Lycoming		DATE: 07/01/2022			
ENGINE MODEL: IO-540-K1AS		A/C TSN: 86.7			
S/N NO.: RL-28795-48E		ENGINE TT: 86.7			
REG. N4804T		TSMOH: N/A			
		TACH: 3671.7			
					
ENGINE ENTRIES					
<p>AD 2017-16-11 Fuel injector lines C/W per MSB342G. No defects noted. Next due 3781.7. Drained oil and serviced with 11qts of Phillips 20w-50 XC. Removed filter, cut open and inspected. Nothing abnormal found. Installed new P/N AA48110-2. Performed compression test with 80psi input with results of 1-74, 2-74, 3-75, 4-74, 5-74, 6-74. Run up and leak check good.</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 43 APPENDIX D AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.</p>					
Michael Eggen AP3328899IA Signed: 					

Page Total: _____

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Total to Date: _____

must bear the endorsement of
 mechanic, and his/her rating and
 number MUST be shown.

All repair data must bear the endorsement of
 a certified mechanic, and his/her rating and
 certificate number MUST be shown.

Serial # _____

[illegible]

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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