



ENGINE LOG BOOK

TRIAD AVIATION, INC.

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 26447 DATE 08-12-2021

MAKE CONTINENTAL

MODEL IO-550-N

S/N 1031970

ENGINE TOTAL TIME 1303,2

TSMOH 0.0

TBO 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Thomas M. Reesher
Authorized Signature

08/12/2021
Date

Test Ran Continental IO-550-N Engine Serial Number 1031970 for 55 minutes, RPM 2700, oil pressure 52 lbs., oil temperature 210 degrees, CHT 370. Magneto check at 2100 RPM, L 130 RPM, R 130 RPM. Compression test cylinder #1 78/80 #2 78/80 #3 79/80 #4 78/80 #5 79/80 #6 78/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 26447
Signed: Thomas M. Reesher Date: 08/12/2021

QUANTITY	PART NUMBER	DESCRIPTION	SALE AMOUNT
1	646591A2	BEARING SET	
12	642398	BEARING	
12	655958	BOLT	
12	654490	NUT	
2	NAS1805-4	NUT	
1	SA630899	BEARING	
16	SA629104	RING	
16	SA643629	PLATE	
2	SA641909	PLATE	
4	SA649205	SCREW	
2	SA643626-103	PIN	
2	SA643626-104	PIN	
4	SA643626-105	PIN	
4	SA631088-44	SCREW	
1	EQ7191	GASKET KIT	
6	656090	SCREW	
1	501867	WASHER	
1	5339800M030	SPRING	
4	SA638172	CUSHION	
2	646414	BUMPER	
1	646416	BUMPER	
1	630680	BEARING	
1	MS35756-8	KEY	
1	534685	BEARING	
1	XL3041	BEARING	
1	641368	BEARING	
1	531649-3	RING	
1	502287	RING	
1	634150	SPRING	
6	SA632248	SEAL	
12	658713	BUSHING	
24	MS20500-428	NUT	
1	MS9970-116	O-RING	
1	MS9970-117	O-RING	
1	653359	COUPLING	
8	350998	BUSHING	
1	536563	DOWEL	
TOTAL			
MISCELLANEOUS PARTS			
1	646275-1	CORE	

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
 3439 South Aviation Drive
 Burlington, NC 27215
 Telephone (336) 227-1467

NAME: RICHTER AIRPARK
 ADDRESS: 171 FREEMAN RD.
 REBECCA, GA 31783

(229) 425-1791	WORK ORDER NO. 26447
EMAIL: eric.richter32@triadaviation.com	DATE: 5/26/2021
MAKE: CONTINENTAL	WRITTEN BY:
MODEL: IO-550-N	B.M.B.
REGISTRATION NO. N27CP	P.O. NO.
SERIAL NO. 1031970	TACHOMETER

INSTRUCTIONS/WORK DESCRIPTION	
Overhaul Continental IO-550-N Engine Serial Number 1031970.	
Overhauled and test ran.	
Camshaft - P/N 654084 - Repaired by ACS (WO# 266895)	
Cylinders - Top O/H Kit P/N EQ7085 S/Ns AC21BC315, AC21BA429, AC21AD023, AC21AD102, AC20JA654, AC20JA625	
Magnets - P/N BL-500556-1 S/Ns D21DA061R, D21DA084R - Rebuilt by CMI (Tr# 586068)	
Starter - P/N 646275-1 S/N E082818 - Overhauled by AeroTech (WO# 137669)	
Flow Divider - P/N 646433-5A3 S/N CF012P01 - Overhauled by Consolidated (WO# 0012P)	
Fuel Control Valve - P/N 653353-5A1 S/N CF012Q01 - Overhauled by Consolidated (WO# 0012Q)	
Fuel Pump - P/N 655921-6A1 S/N CF012R01 - Overhauled by Consolidated (WO# 0012R)	
Tuned Nozzle Assn - P/N 657068A2 - Overhauled by Consolidated (WO# 00130)	
Harness - P/N 10-423674-19 - New from CMI (Tr# 584768)	
Alternator Brkt - P/N 646405 - New from CMI (Tr# 585671)	
Connecting Rods - (6) CMI IO-550 Subassemblies - Repaired by ACS (WO# 266895)	
Starter Gear - P/N 629435 - Repaired by ACS (WO# 266895)	
Starter Shaft - P/N 629435 - Repaired by ACS (WO# 266895)	
This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.	
Signed: <i>Eric Richter</i> Date: 08-12-2021	
I hereby authorize the following work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above aircraft to secure the amount of repairs thereto.	
You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other cause beyond your control.	
X	
ENGINE OVERHAUL	
TOTAL PARTS	
MISCELLANEOUS PARTS	
ENGINE TRANSPORTATION	
TAX	
TOTAL	

Maintenance Performed
 alterations, Modifications, etc.

REVICED ENGINE
 FILTER,
 WITH NEW BARRY
 WICKLE ASSY ON

AC COMPRESSOR, INSTALLED OVERHAULED PROP GOV. SEE 8100, INSTALLED OVERHAULED PROP. SEE 8130. ALL WORK DONE IAW MM. LEAK AND OPS CHECK GOOD. ADS CHECKED AND CW TO DATE. SEE LIST. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

Eric Richter ATP 26756071A

