

#2

 The Standard
ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Lycoming Model IO-540-C1B5

Serial L-9605-48 Type Certificate _____

This engine is currently installed in aircraft: N8007P

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
DEC	3	1973		104.0	Original log book lost or destroyed. Engine time recorded on previous maintenance records and verified on aircraft tachometer.	
					Engine installed in pipe PA-24-250 N 8007P DEC. 28, 1971 in FACTORY NEW condition.	
					RATAY turbo charger system installed same date as engine.	
					[REDACTED]	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

[illegible]

ENGINE LOG

YEAR MO. DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
JUNE	7/89	TACH READING	55.9 HRS.	OVERHAULED ENGINE	
J.A.W.	LYCOMING	10-540	OVERHAUL MANUAL. ALL STEEL		
PARTS	MAGNAFLUXED & ALU.	PARTS	DYE CHECKED.		
FUEL SYSTEM	OVERHAULED.	CYLINDERS	RECONDITIONED		
WITH ALL NEW SEATS & GUIDES & CHROMIUMED.					
MAGS	OVERHAULED.	C.W. AO 81-18-04	ON OIL PUMP		
BY INSTALLING NEW TYPE OIL PUMP.	C.W. AO				
76-07-10	ON BENDLY MAG SWITCH.	REPLACED ITEMS			
AS FOLLOWS.	ALL GASKETS & SEALS - MAIN BEARINGS				
ROD BEARINGS - ROD BOLTS & NUTS - CRANKSHAFT CWT.					
PIVOTS & BUSHINGS.	CONNECTING ROD BUSHINGS.	HYDRAULIC			
LIFTER BOOBS & PLUNGERS.	REP. PUSHRODS.	OVER			

CARRY TOTAL TIME TO TOP OF NEXT PAGE

YEAR MO. DAY	SIGNATURE
CONT'D.	
RING	
SPR	
KEE	
FUEL	
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GOO	
PLUG	
IS	

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
ENGINE	CONT'D.	PISTONS - PISTON PINS & END CAPS - PISTON
STEEL		RINGS. INTAKE & EXHAUST VALVES - ALL VALVE
ED.		SPRINGS. - OIL PRESSURE RELIEF SPRING - VALVE
ONED		KEEPERS - ROCKER ARM SHAFTS - (ENG. DRIVEN
ED.		FUEL PUMP.) BOTH TURBO CHARGERS & ASSORTED
UMP		TURBO DUCTS - ALTERNATOR - STARTER - CAM SHAFT
		GGOVERNOR DRIVE GEAR & DRIVEN GEAR - SPARK
ENS		PLUGS - IGNITION HARNESS. I CERTIFY THIS ENGINE
ES		IS RETURNED FOR SERVICE. [REDACTED] AND
T CWT.		(CAN REPAIR ?)
HYDRAUC		
VER		

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N8007P Aircraft Tach. 4370 10/02/2013

Inspected engine, changed oil and filter with Aeroshell 15w50 oil and 48110-2 Filter, old filter opened and inspected for mental, none found, compression checked: #1 72/80, #2 74/80, #3 72/80, #4 75/80, #5 74/80, #6 77/80, Inspected muffler in accordance with AD 68-05-01 no defects found at this time, Engine ground run and inspected for leaks no leaks found. Complied with 2011-26-04 on fuel injection lines, no leaks found.

I certify that this Engine has been inspected In accordance with an Annual Inspection and found Airworthy at this time.

Agustin Cendejas AP [REDACTED]

N8007P Tach : 4425 08/24/2014

Installation of electric guel gauge per STC

Drained all fuel and started calibration of new gauge, calibration failed due to bad sender.

Removed all senders and sent out for overhaul to Airparts of lock heaven, re installed senders and calibrated new fuel gauge per manufacturer instructions.

Replaced main tires with re-cap tires provided by customer. Performed gear swing per customer request and released aircraft back to service.

Agustin Cendejas AP [REDACTED]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N8007P Aircraft Tach. 446.4 TSO: 1256.8 10/02/2014

Inspected engine, changed oil and filter with Aeroshell 15w50 oil and 48110-2
Filter, old filter opened and inspected for metal, none found, compression checked:
#1 72/80, #2 75/80, #3 75/80, #4 72/80, #5 74/80, #6 72/80, replaced vacuum pump with
Rapco P.N. 211CC, replaced valve cover gaskets with RG75906, replaced fuel injector
seals P.N. RJ1031, Inspected muffler in accordance with AD 68-05-01 no defects found
at this time, Engine ground run and inspected for leaks no leaks found. Complied with
2011-26-04 on fuel injection lines, no leaks found.

I certify that this Engine has been inspected In accordance with an Annual
Inspection and found Airworthy at this time.

Agustin Cendejas AP [REDACTED] [REDACTED]

TACH. 446.4

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N8007P Aircraft Tach. 4543.9 TSO: 1463.2 11/01/2016

Inspected engine, changed oil and filter with Aeroshell 15w50 oil and 48110-2

Filter, old filter opened and inspected for mental, none found, compression checked:

#1 75/80, #2 76/80, #3 75/80, #4 74/80, #5 75/80, #6 76/80, Inspected muffler in
accordance with AD 68-05-01 no defects found at this time, Complied with 2011-26-04
on fuel injection lines, engine run and checked for leaks, no leaks found.

Replaced EGT probes on no. 4 and 6 cylinders, replaced fuel hose from servo to fuel
pressure sender mounted by right side of firewall. Replaced valve cover gaskets on 1,3
and 5 cylinders, replaced all induction tube hoses and gaskets.

I certify that this Engine has been inspected In accordance with an Annual
Inspection and found Airworthy at this time.

Agustin Cendejas



YEAR

DATE

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

03/22/2016 Tach 494.8 N8007P

Turbo normalized exhaust system-will not boost above 10,000 ft.
Inspection of system- found that turbo chargers worn out and damaged.
Exhaust system burnt out and cracked. Waste gate valve warped. Removed
turbos and exhaust to be sent out. Received new complete exhaust system
and overhauled turbo mount bracket. Replaced worn pins in 2 clamps.
Weld repair for tailpipe and muffler. Installed new T.I.T. probes (P-110)
L/R. Installed new heat ducting as needed. Replaced all mounting and
exhaust hardware with corrosion resistant bolts. Installed new air inlet flex
boot (W16559-000). Reinstalled cowlings.

Dennis Trevino IA [REDACTED]

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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TII SE	Description of Inspections. Tests. Repairs and Alterations	umber of ic entries.)
				Inland Valley Aviation 7000 Merrill Ave. Chino, CA. 91710	
				05/24/2016 Tach 509.5 N8007P	
				M.A.P. fluctuation- found vernier control slipping. Replaced control (A-750-10) and rechecked that waste gate hits fuel closing position. Nose gear door opening in flight- Jacked aircraft, checked and readjusted door rods for full closure	
				Dennis Trevino IA [REDACTED]	
				Inland Valley Aviation 7000 Merrill Ave. Chino, CA. 91710	
				06/23/2016 Tach 520.8 N8007P	
				Radios overheated due to excessive heat again firewall- Installed thermo blanket against firewall- recowled. Found radio cooling ducts were not connected properly. Tubes from cooling fan were pointed away from radio tack tubes. Reconnected to tubes and pointed at radio.	
				Dennis Trevino IA [REDACTED]	

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

11/15/2016 Tach 548.9 N8007P

Low M.A.P and engine running rough- Performed compression test on #2 cylinder. Removed valve springs to inspect exhaust valve guide. Found okay. Replaced springs and reinstalled cover. Installed 2 ea. Tempest spark plugs (URHM38S), both top and bottom on #2 cylinder. Found #4 cylinder intake pipe flange loose, replaced gasket (71973). Reinstalled original metal turbo discharge pipe with new (SA642917-1) couplers, and (200-36H) new clamps. Test ran engine- 32" M.A.P., reinstalled cowlings.

Detrus Trevino IA [REDACTED]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
01/13/2018	4599.5		1573.8	C/W ANNUAL INSPECTION IAW FAR 47 APPENDIX D USING PIPER MM AS A GUIDE LINE. CHECKED MAG TO ENGINE TIMING. CLEANED & OILED ALL SPARK PLUGS. COMP: 1) 72 2) 76 3) 74 4) 70 5) 64 6) 76. ALL WORK DONE IAW LYCOMING MM. Date <u>01/13/2018</u> Tach Time <u>4599.5</u> Total Eng Time <u>1573.8</u> I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. [Redacted Signature] Joseph V. Calliva, AP [Redacted]



CREATIVE ROTORCRAFT MAINTENANCE

N8007P PA24-250 S/N 24-3248 6 JUNE 2018

TACH: 4600.7 TSO: 1520.9

DISCREPANCY: #1). PILOT REPORTED ENGINE BACK FIRES AT IDLE AND AT FULL POWER.
CORRECTIVE ACTION: #1). COMPLETED COLD COMPRESSION CHECK PER SI. 1191 READINGS ARE AS FOLLOWS CYL.#1. 76/80 #2. 78/80 #3. 70/80 #4. 75/80 #5. 76/80 #6. 76/80 FOUND COMPRESSION CHECK TO BE WITHIN LIMITS. PERFORMED SB388 ON ALL CYLINDERS AND FOUND VALVE GUIDES TO BE WITHIN LIMITS AT THIS TIME READINGS AS FOLLOWS #1. .025" #2. .026" #3. .025" #4. .029" #5. .022" #6. .022". VERIFIED MAGNETO TIMING AND FOUND TO BE WITHIN LIMITS. REMOVED, INSPECTED, TESTED AND INSTALLED ALL SPARK PLUGS FOUND TO BE SERVICEABLE AT THIS TIME. CHECKED FUEL PRESSURE AT FUEL PUMP AND VERIFIED PROPER FUEL PRESSURE WAS PROVIDED. PERFORMED FULL CHARGE ON AIRCRAFT BATTERY DUE TO LOW VOLTAGE. REPLACED ALL INJECTOR GROMETS W/ NEW PIN RUIH PROVIDED BY CUSTOMER. FOUND DEFECTIVE FUEL NOZZLE LINE TO #1. CYLINDER AND REPLACED WITH NEW PIN LW 12098-0-210. FOUND HEAT SOAKED AND CRACKED FUEL LINE FROM ENGINE DRIVEN FUEL PUMP TO FUEL SERVO, ASSEMBLED NEW FUEL LINE AND INSTALLED WITH FIRE SLEEVE TO PREVENT HEAT DAMAGE. PERFORMED OPERATIONAL CHECKS, LEAK GROUND CHECKS AND FLIGHT CHECKS ON ALL SYSTEMS DISTURBED, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE FOR THE WORK LISTED ABOVE AT THIS TIME OF INSPECTION. END

JOSE RODRIGUEZ A/P [REDACTED]
FOR CREATIVE ROTORCRAFT MAINTENANCE
7000 MERRILL AVE CHINO CA 91710 B110 #C
OFFICE: (909) 529-0322

11/15/2021 N8007P Engine Annual Inspection. Lycoming IO-540-C1B5 Est. TT: 1537.3
S/N L-9605-48

Drained oil, removed, cut and inspected filter- no metal noted. Serviced with X/C
20W50

Installed new CH48108-2. Checked compression. Checked mags and timing. A.D.'s
checked and C/W

through 2021-23. No new apply. All fluid lines forward of firewall replaced with
new. Lubed and checked

controls. Exhaust system inspected. Washed engine. Ground run & leak check normal.

I certify that this engine has been inspected I/A/W an annual inspection per 43
App. D and was determined

to be in an airworthy condition. Stephen W. Brown A&P [REDACTED] IA [REDACTED]

6/80 A2. 7500,
RS AND FORD
.022". VERIFIED
S FOUND TO BE
AS PROVIDED.
NEW PIN RING
8-0-210. FORD
UEL. LINE AD
CHECKS AD
E FOUND INS
TED ABOVE.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE CERT. NO. REPAIRS, DEFICIENCIES & DISCREPANCY LIST

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N8007P Tach : 4543.9

11/01/2016

tested landing Gear System in accordance with manual, greased gear fittings and lubricated control Cable pulleys, AD 75-12-06 (spar to fuselage attachment) next due at 4643.9 hrs. complied with AD 79-20-10 by inspection of ailerons, AD 77-13-21 is next due November 2018, Tested ELT in accordance with FAR 91.207 and found airworthy, ELT battery replaced and is next due December 2017, complied with AD 77-08-01 by inspection of

I certify that this Aircraft has been inspected In accordance with an Annual Inspection and found Airworthy at this time.

Agustin Cendejas

I.A.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
01/13/2018	4599.5	C/W ANNUAL INSPECTION IAW FAR 43 APPENDIX "D"
		USING PIPER MM AS A GUIDELINE.
		Date 01/13/2018 Tach Time 4599.5 Total Time 4599.5
		I certify that this Airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
		[REDACTED] Joseph V. Caliva, AP [REDACTED] IA
Oct. 7 th 2018	Tach 4603.	Installed Art. Horizon P/W 5000 B-36
		S/N # 54401 + Airframe D-9-A-01
		Vacuum S. lks + Sock Filter
		ops check good & returned to
		Service [REDACTED] ATP [REDACTED]

1. Approving National Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 70788	
4. Organization Name and Address Instrument Overhaul Service of San Diego, Inc. 1961 N. Marshall Ave. El Cajon, California 92020 FAA Repair Station CB3R417L		5. Work Order/Contract/Invoice Number 70788			
6. Item:	7. Description:	8. Part Number:	9. Qty:	10. Serial/Batch Number:	11. Status/Work:
1	Horizon	5120B-36	1	54410J	DVHL
12. Remarks: REFERENCE ATTACHED SERVICE SHOP WORK ORDER FOR WORK PERFORMED					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.			14a. ☒ 14 CFR 43.9 Return to Service ☐ other regulation specified in Block 13 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.: CB3R417L		
13d. Name (Typed or Printed):	13e. Date (m/d/y):	14d. Name (Typed or Printed): R. Avery	14e. Date (m/d/y): Oct 4, 2018		

FAA Form 8130-3 (2-14)

Installer must cross check eligibility with applicable Technical data

DATE

01/13/18

Oct. 4

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158

11/15.2021 N8007P Airframe Annual Inspection. S/N 24-3248 Tach & TT: 4618.0
Jacked A/C. Cleaned, lubed,
and inspected landing gear. Replaced bungees with new. Replaced all tires and tubes
with new.

A.D.'s C/W and checked through 2021-23. Lubed and inspected structure, systems and
controls.

ELT inspected and tested per 91.207(d). Batt. exp. May 2022. Bled and serviced
brakes. I certify that this

aircraft has been inspected I/A/W an Annual inspection per 43 App. D and was
determined to be in an airworthy condition.

IA

Stephen W. Brown A&P

FA



McCAULEY
PROPELLER LOGBOOK

MPC-10
Printed in U.S.A.
March 1990

Owner Name _____

Address _____

Propeller Model R3D32C412-C

Blade Model G-82 NDA-5

Hub Serial No. 981283

Blade Serial No. 1 SD 086

2 SD 087

3 SD 094

4 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
08/20/09	THIS PROPELLER WAS MANUFACTURED NEW AT McCAULEY PROPELLER SYSTEMS. INSPECTED AND FOUND TO BE AIRWORTHY ON THIS DATE.	

August 20, 2009

N8007P Propeller Log

Tach: 4251.9Hrs.

Propeller Total Time In Service: 302.5Hrs.

Performed a 100Hr inspection using a checklist meeting the minimum requirements of FAR 43 appendix D. No corrective action required. I certify that this propeller has been inspected in accordance with a 100Hr inspection and was determined to be in airworthy condition. Erik B. Peterson AP 

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Description Of Work	Authorized Signatures Repairman and Station
July 14, 2011	N8007P	Propeller Log	
Tach: 4281.0Hrs.			
Propeller Total Time In Service: 331.6Hrs.			
Performed a 100Hr inspection using a checklist meeting the minimum requirements of FAR 43 appendix D. No corrective action required. I certify that this propeller has been inspected in accordance with a 100Hr inspection and was determined to be in airworthy condition. Erik B. Peterson AP [Redacted]			
DYNAMIC BALANCED PROP FROM 126 I.P.S. TO 101 I.P.S. Sign. [Redacted] FOR PRECISION PROPELLER SERVICE, INC. BOISE, IDAHO out of 100 hrs inspected Erik B. Peterson 8/15/11			

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
10-19-12	Rich 42860	TF 336.6	2 Blades - little play but were running - replaced shim - I certify that this propeller has been inspected in accordance with an <u>ANAC</u> manual inspection and was determined to be in airworthy condition	 P-5p  FR

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N8007P Aircraft Tach. 4370 10/02/2013

I certify that this Propeller has been inspected In accordance with an Annual
Inspection and found Airworthy at this time.

Agustin Cendejas AP  

420.6 Total time

12

5

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Number
			<i>Chino Aviation Inc.</i> 7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N8007P Aircraft Tach. 446.4 10/02/2014 I certify that this Propeller has been inspected In accordance with an Annual Inspection and found Airworthy at this time. Agustin Cendejas AP [REDACTED]	
			<i>Chino Aviation Inc.</i> 7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N8007P Aircraft Tach. 484.4 10/13/2015 I certify that this Propeller has been inspected In accordance with an Annual Inspection and found Airworthy at this time. Agustin Cendejas AP [REDACTED] A [REDACTED]	

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MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
11-1-16	Tach: 4543.9	Total Time: 594.5	Inspected in accordance with an Annual Inspection and found airworthy at this time.	[Redacted] I-A
			Date <u>01/13/2018</u> Tach Time <u>4599.5</u> Total Prop Time <u>650.1</u>	
			I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.	
			[Redacted]	Joseph V. Caliva, AP [Redacted] A

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

Date 01/13/2018 Tach Time 4599.5 Total Prop Time 6520.1
I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Joseph V. Caliva, AP

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

11/15/2021 N8007P Propeller Annual. McCauley B3D32C412-C S/N 981283 Tach 4618.0
PSNEW: 668.6

A.D.'s checked through 2021-23. None apply. Inspected propeller, spinner, and bulkheads.

Dressed blades. Touched up paint as needed. I certify that this propeller has been inspected I/A/W

an annual inspection per 43 App. D and was determined to be in an airworthy condition.

Stephen W. Brown A&P [REDACTED] IA [REDACTED]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12



Total Flight Solutions LLC
450 Airport Road, Louisburg NC 27549
919/497-5511 Ext 2 [REDACTED]

Subject: Pre-buy inspection **N8007P**

Last Annual 11/15/2021

ELT Battery due 05/31/2022

Airframe:

Serial # 24-3248

AFTT 4620.3

Aircraft is in good condition overall no Major damage and no internal corrosion noted
All maintenance logs no log entries from 11/01/16 to 11/15/2021 only flown 76.4 hours
Paint in good condition small scratches, chips normal wear
Glass in good condition
interior in good condition
Completed gear retraction test gear functioning correctly

Airworthiness Discrepancies Noted

Cabin Door missing top latch hook
Non FAA approved LED bulbs in navigation lamps
ELT antenna Broken
AD 77-13—21 paragraph B yearly inspection not signed off

Minor Discrepancies Noted

Avionics switch not labeled
RPM gauge connected to avionics master
Rear seat latch springs broken
O2 bottle not installed
No visor on copilot side
No compass card
Blank CO2 Card
LH steering boot ripped in half
STC for rudder gap seals and gear fairings in log books not installed on aircraft

Engine:

Serial # L-9605-48

TSMO 1539.6

Engine ground run up all temps and pressures appear good no large magneto drops
Engine back firing at idle and spark plugs very sooty suspect fuel injector's need clean and mixture adjustment on servo

Compressions tested with hot engine **#1 70/80 #2 75/80 #3 62/80 #4 70/80 #5 70/80 #6 75/80**

Removed oil Filter, inspected for metal and contaminants, none found

Airworthiness Discrepancies Noted

Engine isolator mounts cracked and worn out
Automotive silicone couplers used on turbo connections

Minor Discrepancies Noted

Rubber Baffle missing front left engine
Engine mount has some corrosion
Wasp nests in engine oil cooler fins
Oil breather hose kinked and crushed
Turbo linkage bracket rusted
Oil filter adaptor loose on mount
Fittings on fire wall not capped off

Propeller:

Serial#: 981283

Prop TSN 670.9

Normal ware no damage

Total Flight Solutions

450 Airport Road, Louisburg, NC 27549. Tel: 919-497-5511 Ext-2

Date: May 5, 2022**Reg: N8007P****Tach: 4620.5****Engine:** **Serial #**
L-9605-48

Removed and replaced all engine mounts with new lord J3408-20 engine mount , Removed spark plugs cleaned gapped and tested. reinstalled sparkplugs. Removed injectors and cleaned replaced seals on cylinder #4 and #6 reinstalled injectors. Removed fuel line on cylinder #2 and replaced with serviceable line. Ran up engine, all indications normal. Engine determined to be safe for flight and returned to service

Donald Berry  **A&P**

Total Flight Solutions

450 Airport Road, Louisburg, NC 27549. Tel: 919-497-5511 Ext-2

Date: May 12, 2022

Reg: N8007P

Tach: 4622

Engine: **Serial #**
L-9605-48

Engine running rough and backfire low manifold pressure, removed spark plugs cleaned gapped and tested. Reinstalled sparkplugs. Engine diagnose running very rich adjusted fuel mixture at fuel servo to obtain 50 rpm rise, and manifold pressure to 26. Ran up engine, all indications normal. Engine determined to be safe for flight and returned to service

Donald Berry  **A&P**