

YE
20
DATE



PRAY AVIATION SERVICES
ENHANCED FLIGHT TRAINING

Date: 03/29/19

Aircraft: N7274F

Tach: 7718.66 flight time

Lycoming O-320-E2D Engine SMOH: 602.16

S/N: L-46603-27A

Complied with **ANNUAL INSPECTION** in accordance with 14CFR FAR 43 Appendix D Checklist and Textron Lycoming Operator Manual Sec. 5.

Checked AD's list, researched and updated.

Complied with the following inspection items:

1. Compression Check.

#1 73/80 #2 72/80 #3 74/80 #4 70/80

2. Removed the propeller in order to install a new crankshaft metal plug new P/N: STD-1211, after installation, reinstall propeller and new spinner back plate P/N: 62352-00. Ran the engine and checked for leaks. No leaks noted.

3. Replaced oil return line on cyl. #3 with new P/N: 68761, check for oil leaks, no leaks noted.

4. Drain oil and service with 7 qts Phillips 20W50 X/C, inspect oil filter (open-cut) and suction screen / no metal found or foreign objects noted, installed a new oil filter P/N: AA48110-2, check for leaks ok.

5. Replace engine breader flexible hose with new MIL-6000 hose / ok.

6. Installed 8 new spark-plug set to proper torque (8) P/N: URE38E (tempest)

All ground operational checks are satisfactory.

I certify this engine has been inspected IAW an annual inspection and is approved for return to service at this time.

Harry Marrder A&P

YEAR 2019 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.)
05/14/19	2818.16			Performed 100 hr inspection on engine O-320-E2D, S/N L-466603-27A, A/Ds checked. Compressions checked and are as follows #1 ²⁶/₈₀, #2 ²³/₈₀, #3 ⁴⁵/₈₀, #4 ²⁰/₈₀. Performed mags to engine timing. checked good. Replaced 8 spark plugs with new WREMN38E. Drained oil, replaced oil filter with new AA48110-2 filter. Old filter checked for metal. Non found. Serviced engine with Phillips X/C 20W-50, 8qts. Inspected Intake and exhaust seals, inspected exhaust system. No damage or defects found at this time. Performed mag drop test. Test good mags are within limits. I hereby find this engine to be in an airworthy condition and returned to service. James W Blue ADP [REDACTED] Signed [REDACTED]

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ea.)

320-F20, S/N L-466603-
and are as follows
ed maps to engine timing.
with new WREM38E,
AA48110-2 filter, Old
vised engine with Phillips
nd exhaust seals, inspected
found at this time.
are within limits.
airworthy condition

YEAR 20 19 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.)
09/06/19	7861.76			Performed 50 hr oil change. Changed filter. Cut filter open No metal found at this time. Put new filter on P/N AA48110-2 Serviced with 8 qts of Phillips^{V/C} 20W50 oil. James w Blue A&P [redacted] signed j [redacted]
NEXT PAGE.				

YEAR 20 <u>19</u> 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.)
DATE: 09-26-2019		AIRCRAFT:	N7274F	TACH: 7917.80
				HOBBBS: 3097.3
LYCOMING	0-320-E2D		ENGINE SMDH:	801.3
Complied WITH 100 HOURS INSPECTION IN ACCORDANCE WITH 14CFR, FAR 43 APPENDIX 'D' CHECKLIST AND TEXTRON OPERATION MANUAL SEC. 5/CHECK AD'S LIST, RESEARCHED, UPDATED.				
Complied WITH THE FOLLOWING INSPECTION ITEMS:				
1.. ENGINE COMPRESSION CHECK #1 $\frac{68}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{78}{80}$				
2.. DRAIN OIL AND SERVICED WITH 8 QTS PHILIPS 20W50 $\times \frac{1}{2}$, INSPECTED OIL FILTER (OPEN-END) AND SUCTION SCREEN/NO METAL FOUND, INSTALLED A NEW OIL FILTER P/N: AA48110-2				
3.. REMOVED ALL SPARK-PLUGS./CLEAN/INSPECT/REGAP. REINSTALLED				
4.. INTALLED A NEW INTAKE AIR FILTER ELEMENT. P/N: BA-3				
● ALL GROUND OPERATIONAL CHECKS WERE SATISFACTORY, I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW 100 HRS INSPECTION AND IS APPROVED FOR RETURN TO SERVICE AT THIS TIME.				

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Number of Technician or

3 APPENDIX 'D'
RESEARCHED, UPDATED.

4 $\frac{78}{80}$
(OPEN-CUT) AND SUCTION

NE HAS BEEN
AT THIS TIME.

YEAR 20 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.)
11/26/19	7967.42			completed 50hr oil change. Removed oil Filter and drained oil. cut open filter; no metal found at this time. Removed oil sump screen no metal was found. Installed new oil filter P/N AA48110-2, Serviced with 8qts of Phillips Low50 x/c. James W. Blue signed [REDACTED]
NEXT PAGE				

PRAY AVIATION SERVICES
ENHANCED FLIGHT TRAINING

Date: 01/14/2020

Aircraft: N7274F

Tach: 8013.6

Hobbs: 3208.5

Lycoming: O-320-E3D

Engine S/N: L-46603-27A

Engine SMOH: 897.16

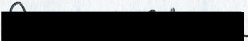
Engine TT: 8595.7

Complied with **100 HRS. Inspection.** (next due Tach: 8113.6) In accordance with 14CFR FAR 43 appendix "D" check list and Textron Lycoming operator Manual sec. 5 . check a Lycoming O-320-E3D AD's list for compliance and applicability .

1. Checked engine compartment and all engine controls for proper operation
2. Drain the oil and serviced with 8 qts. Of phillips 20W50 X/C , cut the oil filter for inspection and inspected suction screen, installed a new oil filter P/N: AA48110-2
3. Washed the engine and cowlings
4. Replace a new air filter element P/N : BA-3
5. Compression check . #1 70/80 , #2 75/80 , #3 75/80 , #4 78/80
6. Replaced LH /FRONT exhaust stack with a new one P/N: 99044-05 ,Perform an exhaust system pressure check , no leaks noted.

Ran the engine ,check for leaks , all ground operational check were satisfactory.

I certify this engine has been inspected IAW a 100 Hrs. inspection procedures and current Federal Aviation Regulations and has been found to be in an airworthy condition for return to service at this time.


JAMES W. BLUE A&P 

PRAY AVIATION
ENHANCED FLIGHT TRAINING

Date: 02/14/2020

Lycoming O-320

Complied with
proper operation
pump P/N : LW
one P/N : 4371
Ran the engine,


JAMES



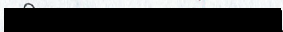
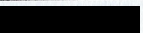
PRAY AVIATION SERVICES
ENHANCED FLIGHT TRAINING

Date: 02/14/2020
Lycoming O-320-E3D

Aircraft: N7274F
Engine S/N : L-46603-27A

TACH: 8099.37
Engine SMOH : 982.93 Engine TT: 8681.47

Complied with **50 Hrs. Inspection**, drain the oil and inspected all Engine compartment and engine controls for proper operation . serviced the engine with 8 Qts of Phillips 20W50 X/C, replace engine fuel pump with a new pump P/N : LW15472, S/N: 0ANO26 , CW/ Slick service bulletin (SB1-15A) (LH magneto replaced with an overhaul one P/N : 4371 ,S/N: H-08440 , RH magneto N/A by serial number next 500 hrs. mags inspection due Tach: 8599.37 Ran the engine, no leaks, all ops check were satisfactory. This engine is returned to service at this time.


JAMES W. BLUE A&P 

ician or



PRAY AVIATION SERVICES
ENHANCED FLIGHT TRAINING

YEAR
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Date: 02/26/2020 Aircraft: N7274F Tach: 8109.42 Hobbs: 3313.50
Lycoming: O-320-E3D Engine S/N: L-46603-27A Engine SMOH : 992.98 Engine TT: 8691.52
Complied with **ANNUAL INSPECTION** (next due 02/2021) In accordance with 14CFR FAR 43 appendix "D" check
list and Textron Lycoming operator Manual sec. 5 . check a Lycoming O-320-E3D AD's list for compliance and
applicability . No new AD's found.

1. Checked engine compartment and all engine controls for proper operation
 2. Drain the oil and serviced with 8 qts. Of phillips 20W50 X/C , cut the oil filter for inspection and inspected
suction screen, installed a new oil filter P/N: AA48110-2
 3. Replace a new air filter element P/N : BA-3
 4. Compression check . #1 74/80 , #2 72/80 , #3 65/80 , #4 78/80
 5. Clean and re-gap all 8 spark-plugs P/N : UREM38E and re- installed.
 6. Pressures check the exhaust system for leaks , no leaks.
- Ran the engine , check for leaks , all ground operational check were satisfactory.
I certify this engine has been inspected IAW an ANNUAL inspection procedures and current Federal Aviation
Regulations and has been found to be in an airworthy condition for return to service at this time.

HARRY MARRDER A&P

YEAR
20
DATE

RECORD
TACH
TIME

03/21/20

8159.1

Date: 05/05/20
Lycoming O-320
S/N: L-46603-27

Complied with
Checklist , piper
AD's list , for con
Complied with th

YEAR 20 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.)
03/21/20	8159.22			Done a 50hr hour oil change. Drain the oil and serviced with 8 qts of Phillips x/c 20W50 oil James W Blue A8 [REDACTED] Signed: [REDACTED]



PRAY AVIATION SERVICES
ENHANCED FLIGHT TRAINING

Date: 05/05/2020

Aircraft: N7274F

Hobbs: 3430.1

Tach : 8209.25

Lycoming O-320-E3D

Engine TT: 8791.35

Engine SMOH: 1092.81

S/N: L-46603-27A

Complied with **100 HRS. INSPECTION** (next due Tach : 8309.25) in accordance with 14CFR FAR 43 Appendix D Checklist , piper service manual and Textron Lycoming Operator Manual Sec. 5. / Checked a Lycoming O-320-E3D AD's list , for compliance and applicability.

Complied with the following inspection items:

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1. Compression Check.
#1 66/80 #2 78/80 #3 78/80 #4 78/80
2. Drain the oil and serviced with 8 qts Phillips 20W50 X/C, inspected oil filter and suction screen / no metal found or foreign objects noted, installed new oil filter P/N: AA48110-2.
3. Replace air filter element P/N: BA-3
4. Clean and re-gap all 8 spark-plugs P/N: UREM38E and re-installed
5. Check all engine controls for proper operation and rigging.
6. Performed an exhaust system pressure check, no leaks noted.
7. Drained the carburetor, cleaned the fuel strainer and check for leaks, no leaks note

Ran the engine, all ground ops. checks were satisfactory.

I certify this engine has been inspected IAW a 100 Hrs. inspection procedures and current Federal Aviation regulations and has been found to be in an airworthy condition for return to service at this time.

Harry Marrder A&P

01/17/21

TACH
8244.87

Removed & Replaced Carb. with overhauled carb

S/N MS06TC03. Done IAW Piper Maintenance Manual.

Ops check good. James W Blue A&P



Date: 03/04/2021 Aircraft: N7274F Tach:8256.2 Hobbs:3485.2
Lycoming O-320-E3D Engine S/N: L-46603-27A SMOH: 1139.76

Complied with **ANNUAL INSPECTION** (next due 02/2022) in accordance with 14CFR FAR 43 appendix "D" check list and Textron Lycoming operator manual sec. 5, Checked Lycoming O-320-E3D AD list for compliance and applicability, No new Ads found.

1. Checked engine compartment and all engine controls for proper operation.
2. Drained the engine oil and serviced with 8qts of Phillips X/C 20W-50, cut open filter for inspection and inspected suction screen, installed new oil filter P/N: AA48110-2
3. Replaced air filter with new. P/N BA-3
4. Compression check. #1 72/80, #2 73/80, #3 75/80, #4 75/80
5. Clean, re-gap and rotate all 8 spark plugs.
6. Inspected exhaust system for leaks, none found.

Ran engine, checked for leaks, all ground ops checked satisfactory. I certify this engine has been inspected in accordance with annual inspection and current Federal Aviation Regulations and has been found to be in an airworthy condition for return to service at this time.

[REDACTED]
Lance Rudman A&P/IA [REDACTED]