

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts tolerances and limits by Penn Yan Aero Service, Incorporated. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.



Penn Yan Aero Service, Inc

2499 Bath Road, Penn Yan, New York 14527

Telephone: 1-315-536-2333

www.pennyanero.com

FAA Approved Repair Station: NJ1R350K

12550-03

12/11/2003

Work Order Number

Dated

O-320-E2D

Engine Model

L-43042-27A

Serial Number

Engine altered in accordance with RAM Aircraft Corp. STC SE3692SW. Dynamic balanced engine per FAA Approved Process Spec. AMP-4302.

**This engine has been remanufactured to Zero Time Tolerances by Penn Yan Aero Service, Inc.**

4218.0

Previous Time in Service

Repair Station NJ1R350K Authorized Signature

The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:

O-320-E2D  
Engine Model  
L-43042-27A      12550-03      12/11/2003  
Serial Number      Work Order Number      Date

Repair Station NJ1R350K Authorized Signature



Penn Yan Aero Service, Inc

2499 Bath Road, Penn Yan, New York 14527

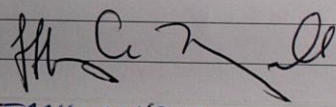
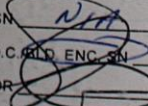
Telephone: 1-315-536-2333

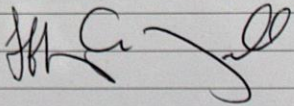
www.pennyanero.com

FAA Approved Repair Station: NJ1R350K

4370 (New)	03061096
Right Magneto - Part Number	Serial Number
4371 (New)	03070625
Left Magneto - Part Number	Serial Number
10-5217	DC2748
Injector/Carburetor - Part Number	Serial Number
N/A	N/A
Fuel Pump - Part Number	Serial Number
MHB4016	D084145
Starter - Part Number	Serial Number
N/A	N/A
Turbocharger - Part Number	Serial Number
N/A	N/A
Controller - Part Number	Serial Number
N/A	N/A
Controller - Part Number	Serial Number
N/A	N/A
Waste Gate - Part Number	Serial Number

1-7-04	4218.0	0	2007.1	<p>INSTALLED THIS ENGINE IN N104PD CESSNA 172M S/N 17261428 SERVICED W/ 8QT ACROSHELL 100 NON-DETERGENT OIL. SET IDLE SPEED + MIXTURE I.A.W. CESSNA 172M MAINTENANCE MANUAL 11-14. GROUND RW NO LEAKS. APPROVED FOR RETURN TO SERVICE. <i>[Signature]</i> 3888/851 A/P</p>
--------	--------	---	--------	--

Date	In Service	Hours	Balance Forward
8-14-04	2040.2	33.1	2040.2
	4251.1		
<p>compression - all cylinders 78/80            NO CURRENT AD'S            Oil change and oil filter changed            Air filter change            plugs inspected, gapped rotated            Meg timing ok, test run ok no leaks            I certiv this engine has been            inspected in accordance with            100 hr inspection &amp; was determined            to be in an airworthiness condition</p>			
 670386807 IA			
TACH: 2040.7 CERTIFIED ALTIMETER(S) AND STATIC SYSTEMS REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43, APPENDIX E TO 20,000 FEET. PERFORMED A.T.C. TRANSPONDER TESTS REQUIRED BY F.A.R. 91.413 ACCOMPLISHED I.A.W. F.A.R. PART 43, APPENDIX F. W.O.# 48901			
LT. ALT. SN 8B856 #1XPDR SN 101874 RT. ALT. SN N/A #2XPDR SN N/A A.D.C./S.D.C. BLD. ENG. SN INSPECTOR  DATE 8/16/04 WESTERN AVIONICS, INC. N104PD F.A.A. YH3R997L			
Totals - Carry Forward			

Date	In Service	Hours	Balance Forward
10/16/05	4289.1	107.7 71.2	2078.3
<p>Compression: #1-80 #2-79 #3-78 #4-78            Installed BA 6108 Breckett air filter            Oil change: Added 8qts Aeroshell 100            Oil filter: R&amp;R CH48110-1 - inspected - OK            Spark Plugs: cleaned, gapped .016, rotated torqued to 32ft-lbs            Inspected engine compartment - OK            Exhaust system inspected.            Gascollator bowl inspected &amp; relockwired            Fasteners &amp; hoses inspected</p>			
<p>I certiv this engine has been            inspected in accordance with            100 hr inspection &amp; was determined            to be in an airworthiness condition</p>  670386807 IA			

Lycoming O-320-E2D S/N: L-43042-27A

November 1, 2006

Tach. Time: 2106.9

TT Engine: 4317.7

TTSO: 99.8

This engine was inspected per Appendix D to Part 43 100 hour Inspection and a current Lycoming maintenance manual was used.

Engine section inspected for visual evidence of excessive oil, fuel, or hydraulic leaks, and sources of such leaks.

Studs and nuts inspected for improper torque and obvious defects.

Internal engine inspected for cylinder compression and for metal particles or foreign matter on screens and sump drain plugs.

Engine mount inspected for cracks, looseness of mounting, and looseness of engine to mount.

The flexible vibration dampeners were inspected for poor condition and deterioration.

The engine controls were inspected for defects, improper travel, and improper safetying.

The lines, hoses, and clamps were inspected for leaks, improper condition and looseness.

The exhaust stacks were inspected for cracks, defects, and improper attachment.

All accessories were inspected for apparent defects in security of mounting.

All systems were inspected for improper installation, poor general condition, defects, and insecure attachment.

Removed and replaced air filter element with new BRACKETT AIR FILTER BA-6108.

The oil was changed, 8 Qts of AEROSHELL 100 were added.

The engine component was visually inspected and then cleaned.

Engine run-up performed and inspected for leaks.

Compression test results: #1 /78, #2 /78, #3 80/80, #4 /80

The exhaust shroud was removed (heat exchange) and the system was inspected for defects.

Gascolater bowl inspected for contamination.

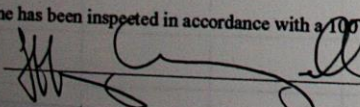
Hoses and valve cover fasteners were checked for tightness.

Carburetor heat cable and alternator belt were adjusted.

No active AD's at this time.

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in an airworthiness condition at this time.

Jeffrey A. Honeywell

  
IA 70386807

Lycoming O-320-E2D S/N: L-43042-27A

December 1, 2007

Tach. Time: 2130.9

TT Engine: 4,218.0  
+23.8

TTSO: 23.8

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

Engine section inspected for visual evidence of excessive oil, fuel, or hydraulic leaks, and sources of such leaks.

Studs and nuts inspected for improper torque and obvious defects.

Hoses and valve cover fasteners were checked for tightness.

Engine inspected for cylinder compression and for metal particles or foreign matter on screens and sump drain plugs.

Compression test results: #1-80/78, #2-80/78, #3-80/80, #4-80/80

The oil was drained; 8 quarts of AEROSHELL 100 were added.

Removed and replaced air filter element with new BRACKETT AIR FILTER BA-6108.

Engine mount inspected for cracks, looseness of mounting, and looseness of engine to mount.

The flexible vibration dampeners were inspected for poor condition and deterioration.

The engine controls were inspected for defects, improper travel, and improper safetying.

The lines, hoses, and clamps were inspected for leaks, improper condition and looseness.

The exhaust stacks were inspected for cracks, defects, and improper attachment.

All accessories were inspected for apparent defects in security of mounting.

All systems were inspected for improper installation, poor general condition, defects, and insecure attachment.

The engine compartment was visually inspected and then cleaned.

Engine run-up performed and inspected for leaks.

The exhaust shroud was removed (heat exchange) and the system was inspected for defects.

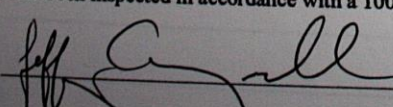
Gascolater bowl inspected for contamination.

Carburetor heat cable and alternator belt were adjusted.

All AD's are in compliance at this time.

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell

  
IA 70386807

Lycoming O-320-E2D S/N: L-43042-27A  
December 01, 2008

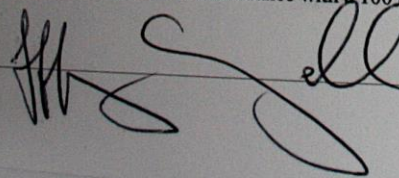
Tach. Time: 2150.3 HR TT Engine: 4361-2 TSMO: 143-2 TSMOH Prop 143.2 HR

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

Engine section inspected for visual evidence of excessive oil, fuel, or hydraulic leaks, and sources of such leaks.  
Studs and nuts inspected for improper torque and obvious defects.  
Hoses and valve cover fasteners were checked for tightness.  
Engine inspected for cylinder compression and for metal particles or foreign matter on screens and sump drain plugs.  
Compression test results: #1-80/80, #2-78/80, #3-80/80, and #4-78/80  
The oil was drained; 8 quarts of AEROSHELL 100 were added.  
Removed and replaced air filter element with new BRACKETT AIR FILTER BA-6108.  
Engine mount inspected for cracks, looseness of mounting, and looseness of engine to mount.  
The flexible vibration dampeners were inspected for poor condition and deterioration.  
The engine controls were inspected for defects, improper travel, and improper safetying.  
The lines, hoses, and clamps were inspected for leaks, improper condition and looseness.  
The exhaust stacks were inspected for cracks, defects, and improper attachment.  
All accessories were inspected for apparent defects in security of mounting.  
All systems were inspected for improper installation, poor general condition, defects, and insecure attachment.  
The engine compartment was visually inspected and then cleaned.  
Engine run-up performed and inspected for leaks.  
The exhaust shroud was removed (heat exchange) and the system was inspected for defects.  
Gascolater bowl inspected for contamination.  
Battery Box inspected and treated with Corrosion X  
Propeller, spinner and hub inspected for wear, cleaned secured.  
All AD's are in compliance at this time.

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell



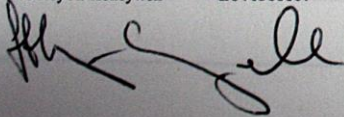
IA 70386807

January 01, 2010  
Lycoming O-320-E2D, L-43042-27, SMOH: 179.8 hours

OIL CHANGE, 8 QUARTS OF AEROSHELL 100W SAE 50 WERE ADDED  
OIL FILTER CH48110-1 WAS REPLACED  
COMPRESSION TESTED: #1 80/80, #2 78/80, #3 78/80, #4 78/80  
EXHAUST SHROUD WAS REMOVED  
EXHAUST SYSTEM WAS INSPECTED FOR DEFECTS  
HOSES AND VALVE COVER FASTENERS WERE TIGHTENED  
ENGINE MOUNTS WERE VISUALLY INSPECTED  
PROPELLER WAS CLEANED AND INSPECTED FOR DEFECTS AND THE SCREWS SECURING THE SPINNER WERE VERIFIED TO BE SECURE  
ENGINE COMPONENTS WERE INSPECTED FOR LEAKS OR DAMAGE AND THE ENGINE COMPARTMENT WAS CLEANED  
ENGINE RUN UP - CHECK WAS GOOD, INSPECTED FOR LEAKS  
ALL APPLICABLE ADS WERE COMPLIED WITH

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell IA 70386807



N104PD - Lycoming O-320-E2D S/N: L-43042-27A

January 01, 2011

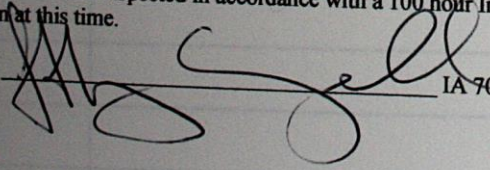
Tachometer Time: 2210.3 TT Engine: 4421.2 TTSO ENG: 203.2 TTSO PROP: 203.2

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

THE BATTERY WAS INSPECTED AND SERVICED. THE BATTERY BOX WAS INSPECTED AND TREATED WITH CORROSION X. REMOVED AND INSTALLED NEW BRACKETT AIR FILTER BA-6108. THE OIL WAS CHANGED AND 8 QUARTS OF AEROSHELL 100W+ SAE 50 WERE ADDED. OIL FILTER CH48110-1 WAS REPLACED. THE COMPRESSION WAS TESTED AND MEASURED: #1 79/80, #2 80/80, #3 80/80, #4 78/80. THE EXHAUST SHROUD WAS REMOVED AND THE EXHAUST SYSTEM WAS INSPECTED FOR DEFECTS. THE HOSES AND VALVE COVER FASTENERS WERE TIGHTENED. THE ENGINE MOUNTS WERE VISUALLY INSPECTED. THE PROPELLER WAS CLEANED AND INSPECTED FOR DEFECTS AND THE SCREWS SECURING THE SPINNER WERE VERIFIED TO BE SECURE. THE ENGINE COMPONENTS WERE INSPECTED FOR LEAKS OR DAMAGE AND THE ENGINE COMPARTMENT WAS CLEANED AND THE ENGINE WAS RUN AND AGAIN INSPECTED FOR LEAKS. ALL APPLICABLE A.D.S WERE COMPLIED WITH. REMOVE AND INSTALL NEW BRACKETT AIR FILTER BA-6108. THE GAS COLLATOR WAS DRAINED AND INSPECTED. EIGHT NEW REM40E SPARK PLUGS WERE GAPPED TO .016", INSTALLED, AND TORQUED TO 30"LBS.

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell

  
IA 70386807

Balance forward

**N104PD** - Lycoming O-320-E2D S/N: L-43042-27A  
January 01, 2012

Tachometer Time: 2240.0

TT Engine: 4450.9

Engine TSMO: 232.9

Prop TSOH: 232.9

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

THE COMPRESSION WAS TESTED AND MEASURED: #1 79/80, #2 80/80, #3 80/80, #4 78/80  
THE HOSES AND VALVE COVER FASTENERS WERE TIGHTENED  
REMOVED AND INSTALLED NEW BRACKETT AIR FILTER BA-6108.  
THE OIL WAS DRAINED AND 8 QUARTS OF AEROSHELL 100W PLUS WAS ADDED, OIL FILTER CH48110-1 WAS REPLACED AND TORQUED TO 19 IN-LBS.  
THE PROPELLER WAS CLEANED AND INSPECTED FOR DEFECTS AND THE SCREWS SECURING THE SPINNER WERE VERIFIED TO BE SECURE.  
THE EXHAUST HEAT EXCHANGE WAS INSPECTED FOR DEFECTS.  
THE ENGINE MOUNTS WERE VISUALLY INSPECTED.  
THE GAS COLLATOR WAS DRAINED AND INSPECTED.  
EIGHT NEW REM40E SPARK PLUGS WERE GAPPED TO .016", INSTALLED, AND TORQUED TO 30 IN-LBS.  
THE ENGINE WAS CLEANED AND INSPECTED FOR LEAKS. THE HOSES AND VALVE COVER FASTENERS WERE TIGHTENED.  
THE ENGINE WAS RUN AND AGAIN INSPECTED FOR LEAKS  
ALL APPLICABLE A.D.S WERE COMPLIED WITH.

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell

IA 70386807

N104PD  
S/N:  
MODEL:  
TACH TIME: 2240.0



DATE: 01-12-12  
W.O. #: 19384  
TOTAL TIME:

**ENGINE LOG**  
2980 AIRWAY AV, COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # J.V.Y.R016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

R&R #2 CYLINDER AFTER R&R STUD AND BOLT WITH NEW P/N STD-2090 (STUD), 50-15 (BOLT). SERVICED WITH 08-00293 PUSH ROD GASKETS (2), RA77611 EXHAUST GASKETS (2), 71973 GASKETS (2).

Page:

Timing Work

CERTIFIED ALTIMETER(S) AND STATIC SYSTEMS REQUIRED BY FAR 91.411 I.A.W. FAR PART 43, APPENDIX E TO 14,000 FEET. PERFORMED A.T.C. TRANSPONDER TESTS REQUIRED BY FAR 91.413 ACCOMPLISHED I.A.W. FAR PART 43, APPENDIX F.

TAIL NUMBER: N104PD WO# 231143

LT. ALT S/N: ✓ #1 XPDR ✓

RT. ALT S/N: ✓ #2 XPDR ✓

ADC / SDC / BLD. ENC S/N: ✓

INSPECTOR: [Signature] DATE: 12-18-2012

WESTERN AVIONICS, INC. FAA REPAIR STATION # YH3R997L

N104PD Cessna 172M 17261428

TACH&A/C Time: 2273.9

FEB 10, 2013, Registration expires March 31, 2015

Appendix D to Part 43 -- Scope and Detail of Items to Be Included in Annual Inspection.

All AD's are in compliance at this time.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthiness condition at this time.

Jeffrey A. Honeywell

[Signature]  
IA 70386807

N104PD Lycoming O-320-E2D L-43042-27

TACH&A/C Time: 2273.9 Engine SMOH: 762.9

FEB 10, 2013

Appendix D to Part 43 -- Scope and Detail of Items to Be Included in 100 Hour Inspection.

All AD's are in compliance at this time.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthiness condition at this time.

Jeffrey A. Honeywell

[Signature]  
IA 70386807

N104PD - Lycoming O-320-E2D S/N: L-43042-27A  
January 11, 2014

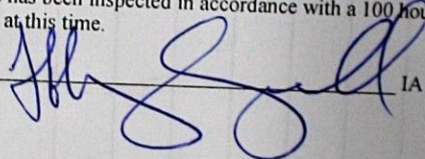
Tachometer Time: 2294.1 TT Engine: 4505.0 TTSO ENG: 287.0 TTSO PROP: 287.0

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

- Removed and installed a new BRACKETT AIR FILTER BA-6108.
- The oil was drained and sent out for analysis, eight quarts of AEROSHELL 100W-Plus/SAE 50 were added.
- Oil Filter CH48110-1 was replaced.
- The compression test measured: #1 80/80, #2 78/80, #3 78/80, #4 80/80
- The exhaust shroud was removed and repaired.
- The exhaust system was inspected for defects.
- The hoses and valve cover fasteners were tightened.
- The engine mounts were visually inspected.
- The Propeller was cleaned and inspected for defects. The screws securing the spinner were verified to be secure.
- The engine components were inspected for leaks and damage.
- The engine compartment was cleaned.
- The engine was run and inspected for leaks
- The gas collator was drained and inspected.
- Eight new REM40E spark plugs were gapped to .016", installed, and torqued to 26 FT\*LBS.

ALL APPLICABLE ADS WERE COMPLIED WITH

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell  IA 70386807

N104PD - Lycoming O-320-E2D S/N: L-43042-27A  
January 3, 2015

Tachometer Time: 2307.2 TT Engine: 4518.1 TTSO ENG: 300.1 TTSO PROP: 300.1

This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour Inspection and IAW current Lycoming maintenance manual.

- Removed and installed a new BRACKETT AIR FILTER BA-6108.
- The oil was drained and sent out for analysis, eight quarts of AEROSHELL 100W-Plus/SAE 50 were added.
- Oil sample sent to Blackstone Lab for analysis.
- Oil Filter CH48110-1 was replaced.
- The compression test measured: #1 78/80, #2 79/80, #3 78/80, #4 74/80
- The exhaust system was inspected for defects.
- The hoses and valve cover fasteners were tightened.
- The engine mounts were visually inspected.
- The Propeller was cleaned and inspected for defects. The screws securing the spinner were verified to be secure.
- The engine components were inspected for leaks and damage.
- The engine compartment was cleaned.
- The engine was run and inspected for leaks
- The gas collator was drained and inspected.
- Eight new REM40E spark plugs were cleaned and tested by Van Nuys Sparkplug Service to .016", installed, and torqued to 26 FT\*LBS.

ALL APPLICABLE ADS WERE COMPLIED WITH

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthiness condition at this time.

Jeffrey A. Honeywell  IA 70386807

Balance Forward

Totals - Carry Forward

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2326.2



DATE: 11-5-15  
W.O. #: 21422  
TSMOH:319.1

ENGINE LOG  
2980 AIRWAY AV, COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SERVICED WITH 8 QTS OF AEROSHELL 100W PLUS AND (1) CH48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2332.1  
HOBBS TIME:846.9



DATE: 2-8-16  
W.O. #: 21552  
TSMOH:325.0

ENGINE LOG  
2980 AIRWAY AV, COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED:

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES:
1. 68/80, 2. 70/80, 3. 70/80, 4. 70/80
MASTER ORIFICE VALUE: 42
R&R INDUCTION AIR FILTER WITH NEW P/N: BA6108 (1)
500 HOUR MAGNETO INSPECTION DUE @ (2507.1) HOURS, (175.0 HOURS REMAINING)
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8)
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2349.6



DATE: 3/3/2017  
W.O. #: 22101  
TSMOH: 342.8

ENGINE LOG  
2980 AIRWAY AV, COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES:
1. 46/80, 2. 64/80, 3. 48/80, 70/80
MASTER ORIFICE VALUE: 42
SERVICED WITH 8 QUARTS OF AEROSHELL W100 AND CH48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108
500 HOUR MAGNETO INSPECTION DUE @ (2507.1) HOURS, (157.5 HOURS REMAINING). MAGNETO INSPECTED IAW CESSNA 172M, SLICK, AND LYCOMING O-320 SERVICE MANUAL IAW ANNUAL INSPECTION GUIDELINES. FOUND SATISFACTORY.
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8)
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

Totals - Carry Forward

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2364.1



DATE: 4/16/2018  
W.O. #: 22627  
TSMOH: 357.0

**ENGINE LOG**  
2980 AIRWAY AV, COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES PRE CYLINDER #1 REPAIR:
1. 35/80, 2. 64/80, 3. 52/80, 4. 70/80
COMPRESSION VALUES POST CYLINDER #1 REPAIR:
1. 65/80, 2. 64/80, 3. 52/80, 4. 70/80
SERVICED WITH 8 QTS OF AEROSHELL W100 AND CH48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108
MAGNETOS INSPECTED IAW CESSNA 172M, LYCOMING O-320, AND SLICK 4300 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. 500 HOUR MAGNETO INSPECTION DUE @ (2507.1) HOURS, (143.0_ HOURS REMAINING). FOUND SATISFACTORY.
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8)
R&R CYLINDER #1 IAW LYCOMING O-320 AND CESSNA 172M SERVICE MANUALS AFTER REPAIRED BY OUTSIDE VENDOR UNDER INVOICE# 1055. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADs THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2370.7  
HOBBS TIME: 907.0



DATE: 5/1/2019  
W.O.#: 23143  
TSMOH: 363.6  
TOTAL TIME: 2370.7

2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JVVYR016L

**ENGINE LOG**

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED:
C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES:
1. 78/80, 2. 65/80, 3. 65/80, 4. 65/80
MASTER ORIFICE VALUE: 42
SERVICED WITH 8 QTS OF AEROSHELL W100 AND CH48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108.
MAGNETOS INSPECTED IAW CESSNA 172M, LYCOMING O-320, AND SLICK 4300 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. TIMING VERIFIED AND RE-TIMED AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY. 500 HOUR MAGNETO INSPECTION DUE @ 2507.1 TACH HOURS, (136.4 HOURS REMAINING).
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (12)
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADs THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2373.9  
HOBBS TIME: 910.5



DATE: 10/3/2019  
W.O.#: 23371  
TSMOH: 366.8  
TOTAL TIME: 2373.9

2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JVVYR016L

### ENGINE LOG

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY  
SIGNED: *[Signature]*

INSPECTED CHT PROBE AND FOUND CHAFFING WIRE. REPAIRED WIRE AND CLEANED PROBE IAW CESSNA 172M AND LYCOMING O-320 SERVICE MANUAL. OPERATIONAL CHECK FOUND SATISFACTORY.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2379.4  
HOBBS TIME: 920.8



DATE: 8/3/2020  
W.O.#: 23733  
TSMOH: 372.3  
TOTAL TIME: 2379.4

2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JVVYR016L

### ENGINE LOG

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY  
SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.

COMPRESSION VALUES:

1. 78/80, 2. 66/80, 3. 60/80, 4. 74/80

MASTER ORIFICE VALUE: 42

SERVICED WITH 8 QTS OF AEROSHELL W100 AND CH48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108 IAW CESSNA 172M SERVICE MANUAL. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

MAGNETOS INSPECTED IAW CESSNA 172M, LYCOMING O-320, AND SLICK 4300 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. RE-TIMED MAGNETOS AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY. 500 HOUR MAGNETO INSPECTION DUE @ 2507.1 TACH HOURS, (127.7 TACH HOURS REMAINING)

SPARK PLUGS ROTATED AND CLEANED. REPLACED GASKETS WITH NEW, P/N M674 (8)

SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.  
C/W ALL APPLICABLE ADs THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2384.0  
HOBBS TIME: 925.0



DATE: 8/18/2021  
W.O.#: 24362  
TSMOH: 376.9  
TOTAL TIME: 2384.0

2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JYVR016L

### ENGINE LOG

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY  
SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES:  1. 78/80, 2. 74/80, 3. 70/80, 4. 78/80
MASTER ORIFICE VALUE: 42
SERVICED WITH 8 QTS OF AEROSHELL W100 AND AA48110-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108 IAW CESSNA 172M SERVICE MANUAL. OPERATIONAL CHECK FOUND SATISFACTORY.
MAGNETOS INSPECTED IAW CESSNA 172, LYCOMING O-320, AND SLICK 4300 SERIES SERVICE MANUAL IAW ANNUAL INSPECTION GUIDELINES. MAGNETOS RE-TIMED AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY. 500 HOUR MAGNETO INSPECTION DUE @ 2507.1 TACH HOURS, (123.1 TACH HOURS REMAINING)
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8) IAW LYCOMING O-320 SERVICE MANUAL.
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION. C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2411.1  
HOBBS TIME: 971.1



DATE: 11/11/2022  
W.O.#: 24772  
TSMOH: 404.0  
TOTAL TIME: 2411.1

2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JYVR016L

### ENGINE LOG

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY  
SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 172M MAINTENANCE MANUAL.
COMPRESSION VALUES:  1. 78/80, 2. 72/80, 3. 70/80, 4. 66/80
MASTER ORIFICE VALUE: 42
SERVICED WITH 8 QTS OF AEROSHELL W100 AND AA48110-2 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-6108 IAW CESSNA 172M SERVICE MANUAL IAW ANNUAL INSPECTION GUIDELINE.
MAGNETOS INSPECTED IAW CESSNA 172M, LYCOMING O-320, AND SLICK 4300 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. MAGNETOS RE-TIMED AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY. 500 HOUR MAGNETO INSPECTION DUE @ 2507.1 TACH HOURS (96.0 TACH HOURS REMAINING)
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8) IAW LYCOMING O-320 SERVICE MANUAL IAW ANNUAL INSPECTION GUIDELINES.
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION. C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

N104PD  
S/N: L-43042-27A  
MODEL: O-320-E2D  
TACH TIME: 2435.2  
HOBBS TIME:

DATE: 6/15/2023  
W.O.#: 25113  
TSMOH: 428.1  
TOTAL TIME: 2435.2



2980 AIRWAY AVE, COSTA MESA, CA 92626  
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM  
FAA APPROVED REPAIR STATION # JYVR016L

### ENGINE LOG

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY  
SIGNED: *[Signature]*

SERVICED WITH 8 QTS OF AEROSHELL W100 AND AA48110-2 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

N104PD Tach: 2462.1 TT 455.0 SMOH 12/01/2023

Complied with a 100 hour inspection in accordance with FAR Part 43 Appendix D using Cessna Service Manual criteria as a guide.

Compression: #1 74/80 #2 70/80 #3 70/80 #4 76/80

Drained and inspected oil and filter. Nothing found. Added 6 qts Shell W100 and installed new Tempest AA48110-2 oil filter. Installed new Tempest UREM40E sparkplugs. Retimed both magnetos to engine per data plate. Ran up checked for leaks. All operations found satisfactory. ADs in compliance thru 2023-25 All work in accordance with Cessna Service Manual.

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition

California Aero Marketing, LLC  
27022 Cordero Lane  
Mission Viejo, CA. 92691 949 582 8284

*[Signature]*  
F. W. Holstein, Jr. A&P 1320918 IA

N104PD Tach: 2491.2 5/23/2024

Drained oil. Inspected it and filter – nothing found. Installed new Tempest oil filter P/N AA48110-2 and added 6 qts Shell W100 Plus. Ran up checked for leaks all operations found satisfactory. All work in accordance with Cessna Service Manual.

California Aero Marketing, LLC  
27022 Cordero Lane  
Mission Viejo, CA 92691

*[Signature]*  
F. W. Holstein, Jr. A&P 1320918 IA  
949 582 8284

total  
in Sc