

ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 12/7/2022
A/C TSN: 4008.6
ENG TT: 4008.6
TSMOH: 395.3
HOBBS: 1400

Engine Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Compression check: #1 78, #2 79, #3 78, #4 78. Changed engine oil and filter AA48103-2. Serviced engine with 5 qts Phillips 100AW. Cleaned, gapped and tested spark plugs. No leaks or other discrepancies noted during ground run-up.
Replaced crankshaft seal LW-13792 IAW Lycoming Service Instruction 1324C dated 5/26/2009. No leaks noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW which contains the anti-wear additive IAW SAIB NE-06-31 R5 dated 10/19/11, table 1. Next due by 1450 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1450 hours MX Hobbs time, whichever comes first.

I certify that this ENGINE has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 12/7/2022

SIGNED:

Charles Bren

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ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 1/20/2023
A/C TSN: 4046.3
ENG TT: 4046.3
TSMOH: 433
HOBBS: 1437.7

Engine Entries

Replaced left & right forward (P/N AF0555250-9 & AF0555259-14) and #1 cylinder cooling (P/N AF0555213-5) baffles IAW Cessna 172 parts catalog P696-12 dated 8/1/96, fig 71A.
All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 1/20/2023

SIGNED:

Charles Bren

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ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 1/24/2023
A/C TSN: 4058.6
ENG TT: 4058.6
TSMOH: 445.3
HOBBS: 1450

Engine Entries

Changed engine oil and filter AA48103-2. Serviced with 5 qts Phillips 100AW. No leaks noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW which contains the anti-wear additive IAW SAIB NE-06-31 R5 dated 10/19/11, table 1. Next due by 1500 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1500 hours MX Hobbs time, whichever comes first.

All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 1/24/2023

SIGNED:

Charles Bren

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ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 3/8/2023
A/C TSN: 4108.6
ENG TT: 4108.6
TSMOH: 495.3
HOBBS: 1500

Engine Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Compression check: #1 78, #2 79, #3 79, #4 77. Changed engine oil and filter AA48103-2. Serviced engine with 5 qts Phillips 100AW. Cleaned, gapped and tested spark plugs. No leaks or other discrepancies noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW which contains the anti-wear additive IAW SAIB NE-06-31 R5 dated 10/19/11, table 1. Next due by 1500 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1500 hours MX Hobbs time, whichever comes first.

I certify that this ENGINE has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 3/8/2023

SIGNED:

Charles Bren

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ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 4/7/2023
A/C TSN: 4158.6
ENG TT: 4158.6
TSMOH: 545.3
HOBBS: 1550

Engine Entries

Changed engine oil and filter CH48103-2. Serviced with 5 qts Phillips 100AW. No leaks noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW oil IAW FAA SAIB NE-06-31R5 dated 10/19/11. Next due by 1600.0 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1600.0 hours MX Hobbs time, whichever comes first.

All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 4/7/2023

SIGNED:

Charles Bren

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DATE: 5/25/2023
A/C TSN: 4258.6
ENG TT: 4258.6
TSMOH: 645.3
HOBBS: 1650

Executive Flight Institute

37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639



ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E

Engine Entries

Changed engine oil and filter CH48103-2. Serviced with 5 qts Phillips 100AW. No leaks noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW oil IAW FAA SAIB NE-06-31R5 dated 10/19/11. Next due by 1700.0 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1700.0 hours MX Hobbs time, whichever comes first.

All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 5/25/2023

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DATE: 5/1/2023
A/C TSN: 4208.6
ENG TT: 4208.6
TSMOH: 593.3
HOBBS: 1600

Executive Flight Institute

37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639



ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO: N5243E

Engine Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Compression check: #1 79, #2 77, #3 79, #4 79. Changed engine oil and filter AA48103-2. Serviced engine with 5 qts Phillips 100AW. Cleaned, gapped and tested spark plugs. No leaks or other discrepancies noted during ground run-up.
Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW which contains the anti-wear additive IAW SAIB NE-06-31 R5 dated 10/19/11, table 1. Next due by 1650.0 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1650.0 hours MX Hobbs time, whichever comes first.

I certify that this ENGINE has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 5/1/2023

SIGNED:

Charles Bren

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O/H Record

neck

R-
R-

AD 02-05-01

Static & 10000
Altimeter

Annual
ELT

100 hr

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O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO. N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/1/2023
A/C TSN: 4273.8
ENG TT: 4273.8
TSMOH: 660.5
HOBBS: 1655.2

Engine Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Compression check: #1 78, #2 77, #3 77, #4 78. Oil change not due at this time. Gapped and tested spark plugs. No leaks or other discrepancies noted during ground run-up.

I certify that this ENGINE has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 6/1/2023

SIGNED:

David Sow

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ENGINE MODEL:
O-320-H2AD
ENGINE S/N: L-5194-78
REG. NO. N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/26/2023
A/C TSN: 4308.6
ENG TT: 4308.6
TSMOH: 695.3
HOBBS: 1700

Engine Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Compression check: #1 78, #2 77, #3 75, #4 78. Changed engine oil and filter AA48103-2. Serviced engine with 5 qts Phillips 100AW. Cleaned, gapped and tested spark plugs. No leaks or other discrepancies noted during ground run-up.

Complied with AD 80-04-03 R2, para (b)(1) by servicing engine with Phillips Victory 100 AW which contains the anti-wear additive IAW SAIB NE-06-31 R5 dated 10/19/11, table 1. Next due by 1750.0 hours MX Hobbs time. Complied with para (b)(2) by inspection of old oil- no contaminants noted at this time. Next due at next oil change or 1750.0 hours MX Hobbs time, whichever comes first.

I certify that this ENGINE has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 6/26/2023

SIGNED:

Charles Bren

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THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

MAKE: Cessna
MODEL: 172N
S/N: 17271793
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 5/1/2023
A/C TSN: 4208.6
HOBBS: 1600

Airframe Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Lubricated airframe. Inspected and tested ELT IAW 91.207(d), no discrepancies noted. ELT batteries due for replacement June, 2023.
Complied with AD 76-07-12 by operational check of Bendix ignition switch IAW Bendix SB 583- no discrepancies noted at this time. Next due by 1700.0 MX Hobbs time.
Complied with AD 2011-10-09 by visual and dimensional inspection of seat rails, rollers, and roller housings. No discrepancies noted at this time. Next due by 1700.0 hours MX Hobbs or 5/31/2024 (whichever comes first).

I certify that this AIRFRAME has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 5/1/2023

SIGNED:

Charles Brem

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Precise Pitot Static

N# 5243E
ACFT 4230.9

Serial # 17271793
WO # 1869

The static pressure system was inspected and tested, and the altimeter instrument was calibrated to an altitude of 20 thousand feet in compliance with FAR 91.411 and FAR 43 Appendix E. The ATC transponder was tested and inspected in compliance with FAR 91.413 and FAR 43 Appendix F. Automatic altitude reporting equipment was tested and calibrated in compliance with FAR 91.411. All work was performed IAW current FAA regulations and is approved for return to service. Pertinent details of this repair or inspection are on file at this repair station under the work order indicated above.

Signature:

Date: 5-1-23

iverside, CA 92509, (310)430-1941

MAKE: Cessna
MODEL: 172N
S/N: 17271793
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/1/2023
A/C TSN: 4273.8
HOBBS: 1665.2

Airframe Entries

Completed ANNUAL inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Lubricated airframe. Inspected and tested ELT IAW 91.207(d), no discrepancies noted. ELT batteries due for replacement August, 2025.
Replaced ELT battery BP-1010. New expiration date August 31, 2025.
Complied with AD 76-07-12 by operational check of Bendix ignition switch IAW Bendix SB 583- no discrepancies noted at this time. Next due by 1765.2 hours MX Hobbs.
Complied with AD 2011-10-09 by visual and dimensional inspection of seat rails, rollers, and roller housings. No discrepancies noted at this time. Next due by 1765.2 hours MX Hobbs or 6/30/2024 (whichever comes first).

I certify that this AIRCRAFT has been inspected IAW an ANNUAL INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 6/1/2023

SIGNED:

David Sowa

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MAKE: Cessna
MODEL: 172N
S/N: 17271793
REG. NO: N5243E



Executive Flight Institute
37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/26/2023
A/C TSN: 4308.6
HOBBS: 1700

Airframe Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Lubricated airframe. Inspected and tested ELT IAW 91.207(d), no discrepancies noted. ELT batteries due for replacement August, 2025.
Replaced left main tire 600x6PR monster retread IAW Cessna 172 parts catalog P696-12 dated 8/1/96, fig 44A.
Replaced nose tire and tube Goodyear 500x56PR Flight Special II and 500x5 tube IAW Cessna 172 parts catalog P696-12 dated 8/1/96, fig 40A.
Replaced alt nav light bulb AML 307 IAW Cessna 172 parts catalog P696-12 dated 8/1/96, fig 17.
Replaced left brake linings (2x) RA164-30026 IAW Cessna 172 parts catalog P696-12 dated 8/1/96, fig 44A.
Complied with AD 76-07-12 by operational check of Bendix ignition switch IAW Bendix SB 583- no discrepancies noted at this time. Next due by 1800.0 MX Hobbs time.
Complied with AD 2011-10-09 by visual and dimensional inspection of seat rails, rollers, and roller housings. No discrepancies noted at this time. Next due by 1800.0 hours MX Hobbs or 6/30/2024 (whichever comes first).

I certify that this AIRFRAME has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

DATE: 6/26/2023

SIGNED:

Charles Br

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PAGE
TOTALS

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☐ **AIRWORTHINI**

PROP MODEL:
1C160/DTM 7557
PROP S/N: 734681
REG. NO: N5243E



Executive Flight Institute

37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 5/1/2023
A/C TSN: 4208.6
PROP TT: 4208.6
TSPOH: 595.3
HOBBS: 1600

Year: _____ Tot

Date: _____

A.D. # _____

Prop Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Inspected propeller blades and hub, spinner, and spinner bulkheads.

I certify that this PROPELLER has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data and approved publications.

DATE: 5/1/2023

SIGNED: _____

Charles Br...

Mech. Cert. # or Repair Station # _____

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Next Inspection
Due: _____

AR: _____

Year: _____

Date: _____

A.D. # _____

PROP MODEL:
1C160/DTM 7557
PROP S/N: 734681
REG. NO: N5243E



Executive Flight Institute

37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/1/2023
A/C TSN: 4273.8
PROP TT: 4273.8
TSPOH: 660.5
HOBBS: 1665.2

Next Inspection
Due: _____

Prop Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Inspected propeller blades and hub, spinner, and spinner bulkheads.

I certify that this PROPELLER has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data and approved publications.

DATE: 6/1/2023

SIGNED: _____

David Sov...

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PROP MODEL:
1C160/DTM 7557
PROP S/N: 734681
REG. NO: N5243E



Executive Flight Institute

37600 Sky Canyon Drive
Murrieta, CA 92563
Phone: 951-304-9639

DATE: 6/26/2023
A/C TSN: 4308.6
PROP TT: 4308.6
TSPOH: 695.3
HOBBS: 1700

WING DIRECTIVES ☐

Year: _____

Date: _____

A.D. # _____

Prop Entries

Completed a 100 HOUR inspection IAW Cessna 172 series service manual D2065-3-13 rev 3, dated 7/1/95, chapter 2 inspection checklist. Inspected propeller blades and hub, spinner, and spinner bulkheads.

I certify that this PROPELLER has been inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition as of this date. See AD update sheet for AD history through this date and current revision. All work performed on N5243E was accomplished IAW manufacturer's maintenance data or other FAA approved publications.

Next Inspection
Due:

DATE: 6/26/2023

SIGNED:

Charles Bren

Printed by EBis 3 (datcomedia.com)

Year: _____

Date: _____

A.D. # _____

Total Hours

Complied by the following:

Next Inspection
Due:

Mech. Cert. # or Repair Station # _____