Date: 7-18-22 Lycoming O-320-H2AD, Sn L4597-76, TT 2311.1 Tach 455.9
This engine re-assembled with parts supplied by the owner referencing
The Lycoming Direct Drive Overhaul Manual Pn 60294-9, Parts Catalog PC-
122-H and Table of Limits SSP-1776-5. Crankshaft, rods, camshaft, and gears
inspected and reconditioned by Aircraft Specialties Service. Crankcase and
sump reconditioned and "T" case mod accomplished by Divco Inc.(4) Chrome
OVHL Cylinder assemblies reconditioned by Virginia Aviation. See 8130s for
info. New parts: (1)SL14815 gasket set, (8)SL14105Am6 main bearings,
(8)SL61662Am3 rod bearings, (8)SL78027 rod bolts, (8)SL12186 rod nuts,
Lw15347 oil pump shaft, (1)LW15347 oil pump gear. (2)STD-2215 crank gear
bolts. (4)SL14134 intake hoses, (4)LW15358 drain hoses. (4)LW17A23945
Int.Valves, (4)LW17B23936 Ex. Valves, (8)LW15B28093 lifters, (4)LW14078
piston pins, (8)72198 p.pin plugs, (1)61084 O.P. Spring, STD-2057 Shaft Key,
Engine has not been test run. Engine returned to owner for installation.

Glenn M. Lacy
A&P [redacted] IA [redacted]

REF McLAREN 6620

DATE: 08/12/2022
TACH:455.9
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N7345Y
ACTT:2708.4

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TT:2311.1
TSMOH:0.0

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Performed 100 hour inspection on ENGINE. Removed engine and overhauled. Reference previous log entry for engine overhaul. Reinstalled engine after overhaul. Installed new exhaust risers and muffler. Overhauled Dual Magneto for 500 hour inspection. Installed new fuel line from gascolator to carb. Cleaned, inspected, gapped, tested and installed spark plugs. Serviced with 6 qts Aeroshell 100 MINERAL and a new Ch48103-1 filter. Performed ground operational check no leaks noted.

REF 6620 [redacted]

I certify the work performed to be in an Airworthy condition and return to service.

Date: 08/12/20[redacted]
Signed: [redacted]
Bradley Bishop AP/IA

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:24.3

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

DATE: 10/04/2022
TACH:479.2
ACTT:
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

Discription of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips Victory and LW-16702and performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 10/04/2022
Signed: [redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:56.0

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

DATE: 01/04/2023
TACH:518.6
ACTT:
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

Discription of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips Victory and performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 01/04/202
Signed: [redacted]
Bradley Bishop AP/IA [redacted]

MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:95.4

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

TACH:550.3
ACTT:
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

Discription of work performed: Performed an ANNUAL/100 hour inspection on ENGINE. Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips Victory. Performed cylinder compression test. #1-79, #2-74, #3-72, #4-80/80. Cleaned gapped, inspected, tested and reinstalled spark plugs. Replaced fuel primer. Performed ground operational check No Leaks at hits time. .

I certify the work performed to be in an Airworthy condition and return to service.

Date: 04/14/2023
Signed: [redacted]
Bradley Bishop AP/IA [redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:139.8

DATE: 05/25/2023
TACH:602.4
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips Victory and performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 00[redacted]
Signed: _____
Robert W Kelly Jr AP[redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:144.8

DATE: 06/29/2023
TACH:607.4
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: In accordance with Lycoming Overhaul Manual 60294-7 and AC-43 removed, disassembled, lapped intake and exaust valves on all four cylinders, reassembled and reinstalled cylinders. Ground run checked OK.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 06/29/2023
Signed: _____
Robert W Kelly Jr AP[redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:193.9

DATE: 09/22/2023
TACH:648.8
ACTT:
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Performed an ANNUAL/100 hour inspection on ENGINE. Drained oil and removed filter. No particles found in cut filter. Installed a new AA48103-2 and serviced with 6 qts of Phillips Victory 100. Performed cylinder compression test. #1-79, #2-74, #3-72, #4-80/80. Cleaned gapped, inspected, tested and reinstalled spark plugs. Performed ground operational check No Leaks at hits time.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 09/22/2023
Signed: _____
Bradley Bishop AP/IA

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:227.5

DATE: 10/27/2023
TACH:690.1
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips 100 Victory and performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 10/27/202[redacted]
Signed: _____
Bradley J Bishop IA/AP [redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:0.0

DATE: 08/23/2024
TACH:709.5
ACTT:
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Removed engine due to no oil pressure. O/H engine. Installed O/H engine. Installed new oil filter AA48103-2 and serviced with 6 qts Phillips Type A Mineral oil. CLeaned, inspected, gapped, tested and installed spark plugs. Cylinder compression #1-74, #2-76, #3-77, #4-75/80 COLD. Installed and timed a fresh 500 hour inspected magneto. Reinstalled accessories and performed oil system bleeding and priming. Performed ground operational check/break in. Inspected for leaks. No Leaks at this time. AD's current as of 08-23-2024. 100 hour inspection performed on ENGINE.

I certify the work [redacted] and return to service.

Date: 08/23/202[redacted]
Signed: _____
Bradley Bishop AP/IA [redacted]

s and Alterations
ertificate Number of Technician or Repair

© ASA 1993

epair

and Alterations

rtificate Number of Technician or Repair

Date: 8-9-24 Lycoming O-320-H2AD, Sn L4597-76, TT 2564.7 Tach 709.5
This engine re-assembled with parts supplied by the owner referencing the Lycoming Direct Drive Overhaul Manual Pn 60294-9, Parts Catalog PC-122-H and Table of Limits SSP-1776-5. Crankshaft inspected/repaired by Engine Components Inc. see yelloe tag W.O. 227p-1 & c958-1. Rods, camshaft, and gears inspected and reconditioned by Aircraft Specialties Service. Crankcase reconditioned by Divco Inc. Installed OVHL cylinder assemblies reconditioned Triad Aviation. See 8130s for info. New parts: (1)SL14815gasket set, (8)SL14105A STD main bearings, (8)AEL69373 rod bearings, (8)SL78027 rod bolts, (8)SL12186 rod nuts, (4)SL14134 intake hoses.

Engine has not been test run. Engine returned to owner for installation.

Glenn M. Lacy

A&P [redacted]

© AS

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH: 246.0

DATE: 11/27/2023
TACH: 708.6
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: LH nav light lens, bulb and taxi light lens broken. Installed new nav light lens and bulb. Installed new taxi light lens cover. RH upper door interrior trim piece was missing, installed new trim piece. All work done IAW Cessna 172N MM.

I certify the work performed to be in an Airworthy [redacted] rn to service.

Date: 11/27/2023
Signed: [redacted]
Scott S. Ho[redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL:O-320-H2AD
S/N:L-4597-76
TT:
TSMOH:0.0

DATE: 08/23/2024
AC TACH:709.5
ACTT:2962.0
PROPELLER
MAKE:Mccauley
MODEL:1C160/D7M7557
SN:730692
TSHO:0.0

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

Discription of work performed: Performed an ANNUAL inspection. Inspected, lubed cables, pulleys, Inspected landing gear, bearings, brakes, flight controls. Complied with AD 01-23-03 door post light,11-10-09 Seat track, 18-02-04 muffler body. Cleaned and lubed wheel bearings. Replaced Right main tire. AD's current as of this date 08-23-2024. Inspected and tested ELT IAW FAR 91.207. Battery due 09/2028 Installed O/H engine and prop at this time. Replaced R/H strobe and lens. Replaced B3-5-1 vacuum filter.

I certify the aircraft has been inspected IAW an ANNUAL inspection and found to be in an Airworthy condition and return to service.

Date: 08/23/2024
Signed: [redacted]
Bradley Bishop AP/IA[redacted]

Repairs and Alterations
(or Certificate Number of Technician or Repair Sta.)

©ASA 1992

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL:O-320-H2AD
S/N:L-4597-76
TT:2505.0
TSMOH:193.9

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

DATE: 09/22/2023
AC TACH:648.8
ACTT:2901.3
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

Discription of work performed: Performed an ANNUAL inspection. Inspected, lubed cables, pulleys, Inspected landing gear, bearings, brakes, flight controls. Complied with AD 01-23-03 door post light,11-10-09 Seat track, 18-02-04 muffler body. Cleaned and lubed wheel bearings. Replaced Left and Right main tires. Installed 2 new cowl mounts. AD's current as of this date 09-22-2023. Inspected and tested ELT IAW FAR 91.207. Battery Due 11-2023.

I certify the aircraft has been inspected IAW an ANNUAL inspection and found to be in an Airworthy condition and return to service.

Date: 09/22/2023
Signed: [redacted]

Bradley Bishop AP/IA [redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

DATE: 10/20/2023
TACH: 677.2

PROPELLER
MAKE:
MODEL:
SN:
TSHO:

Description of work performed: Removed ELT, installed new ELT battery P/N E-04.0 and tested IAW CFR 92.107, reinstalled ELT in aircraft. All work done IAW Cessna 172N MM and ACK E-04 installation and operation manual. Battery next due replacement 09/06/2028.

I certify the work performed to be in [redacted] worthy condition and return to service.

Date: 10/20/2023
Signed: [redacted]

Scott S. Hor[redacted] AP [redacted]

AIRFRAME
MAKE: Cessna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:Lycoming
MODEL:O-320-H2AD
S/N:L-4597-76
TT:
TSMOH:0.0

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8769

DATE: 08/23/2024
AC TACH:709.5
ACTT:2962.0
PROPELLER
MAKE:Mccauley
MODEL:1C160/D7M7557
SN:730692
TSHO:0.0

Discription of work performed: Performed an ANNUAL inspection. Inspected, lubed cables, pulleys, Inspected landing gear, bearings, brakes, flight controls. Complied with AD 01-23-03 door post light,11-10-09 Seat track, 18-02-04 muffler body. Cleaned and lubed wheel bearings. Replaced Right main tire. AD's current as of this date 08-23-2024. Inspected and tested ELT IAW FAR 91.207. Battery due 09/2028 Installed O/H engine and prop at this time. Replaced R/H strobe and lens. Replaced B3-5-1 vacuum filter.

I certify the aircraft has been inspected IAW an ANNUAL inspection and found to be in an Airworthy condition and return to service.

Date: 08/23/2024
Signed: [redacted]

Bradley Bishop AP/IA [redacted]