

Engine Maintenance Records

Log Number: _____

Aircraft Registration Number: _____

Engine Manufacturer: Lycoming

Model: O-360-A4M

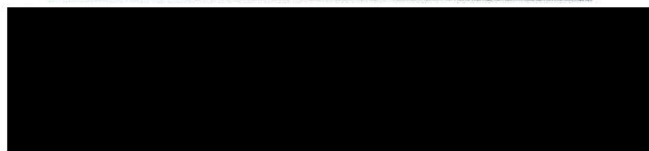
Serial Number: L-33173-27A

Date Installed on Aircraft: _____

Time Between Overhauls: 2000 hours

Engine Position: _____

The Power of Experience





Broomfield CO, 80021

Installed engine O-360-A4M S/N L-33173-27A and all supplied accessories on N75775 using new engine mounts and following installation instructions and parts as outlined in Penn Yan 180HP Superhawk STC SA703GL. Rigged controls as required for proper cushion and full travel. Installed new engine baffles from air forms. (See form 337 in aircraft permanent records for full details on installation) Serviced engine with 8 Qts of Aeroshell 100 mineral oil. Weight and balance was updated as required. Ground ran aircraft and verified proper operation with no leaks at this time. I certify that this **Engine** has been inspected in IAW an 100HR inspection and has been found to be in airworthy condition and is approved for return to service at this time.-----END-----

Justin C Parrow

A&I

Date: 1/6/2020
Acraft Reg: N75775
Flight Tach: 3691.80
SMOH: 0.00
ENGINE

1 or
ding
Time

Balance Forward

Description of Work Performed
Certificate Number & Signature of Technician Performing Work

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

Engine Model O-360-A4M		
Serial Number L-33173-27A	Our WO# 52485-20	Invoice Date 8/6/2020

Authorized Signature



Penn Yan Aero

Right Magneto - Part# 4370 (New)	Right Magneto - SN# 20070342
Left Magneto - Part# 4371 (New)	Left Magneto - SN# 20060597
Injector/Carb - Part# 10-5193-H	Injector/Carb - SN# MS0E1T05
Fuel Pump - Part# N/A	Fuel Pump - SN# N/A
Starter - Part# 149-NL (New)	Starter - SN# H-U040866
Turbo - Part# N/A	Turbo - SN# N/A
Controller - 1 - Part# N/A	Controller - 1 - SN# N/A
Controller - 2 - Part# N/A	Controller - 2 - SN# N/A
Wastegate - Part# N/A	Wastegate - SN# N/A

Totals - Carry Forward



ROCKY MOUNTAIN
AIRCRAFT SERVICES LLC

Broomfield CO, 80021

Date: December 18, 2024
Acraft Reg: N75775
Flight Tach: 5608.20
ENGINE

Drained oil and serviced sump with 7 Qts Aeroshell 15W-50. Removed oil filter and cut for inspection, no defects noted at this time. Installed, torqued, and safetied new oil filter P/N: AA48110-2. AD 2024-21-02 not applicable. No further action required. Run-up/Ops/Leak check satisfactory at this time. -----END-----

Noah Gavurin

A&F

WO: WO 250127 N75775

Engine · page 1 of 1

RMA S

Rocky Mountain Aircraft Services -

Broomfield, CO 80021

N75775

LYCOMING

January 31, 2025

TACH: 5661.8

TSMOH: 1970.0

1. Performed a 100hr Engine inspection in accordance with FAR 43 App (D) and Cessna checklist. Drained oil, took sample, and serviced sump with with 9 qts. Phillips X/C 20w50 oil . Removed oil filter and cut for inspection. No contaminants noted. Installed, torqued, and safetied new Champion oil filter. Compressions were as follows #1 10 #2 76 #3 79 #4 79. Cleaned, inspected, and gapped spark plugs. Inspected induction and exhaust systems for leaks, cracks, and other defects. All current and bi-weekly AD's through 2025-02 have been complied with/none new at this time. Installed (7) P/N Aeroshell 15W50 - Engine Oil, Installed P/N Camguard Pint - Oil Additive, Pint Cam Guard, Installed (8) P/N M674 - Spark Plug Gasket.
2. Performed exhaust valve lap on #1 cylinder. Compression rose from 10psi to 71psi
3. Tighten/Re-safetied oil filter neck.
4. Removed and replaced #1, #2, and #3 induction riser couplers and gaskets. Replaced #3 cylinder oil return line using new line assembly P/N 74428 and return line hose. Installed (3) P/N 71973 - Gasket, Intake, Installed (3) P/N SL69603 - Superior SL69603 Hose, Installed P/N SL-STD-1821 - SUPERIOR SL-STD-1821 HOSE.
5. Magneto due for 500hr inspection tach: 2070.0

Ground run/ops/leak check is satisfactory at this time. I certify that this engine has been inspected IAW a 100hr inspection and has been found to be in airworthy condition and is approved for return to service.-----END-----

Alec Abbott A&P/IA

wo: WO 250228 N75775

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RMA S

Rocky Mountain Aircraft Services

Broomfield, CO 80021

N75775

LYCOMING

February 28, 2025

TACH: 5711.3

Drained oil and serviced sump with 7 qts Aeroshell 15W50 oil. Removed filter and cut for inspection, no contaminants noted at this time. Installed, torqued, and safetied new oil filter P/N: 48110-2. Ground run/ ops/ leak check is satisfactory at this time.

Noah Gavurin A&P

[illegible]



Broomfield, CO 80021

LYCOMING

April 28, 2025

Ground run/ ops/ leak check is satisfactory at this time. I certify that this engine has been inspected IAW a 100hr inspection and is approved for return to service at this time. Details of work performed are on file with Rocky Mountain Aircraft Services under work order: WO_250411_N75775.

Noah Gavurin A&P

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician
				Balance Forward
				Totals – Carry Forward

Totals – Carry Forward