

N/400AS

JAN 2018—



*The Standard*

**ENGINE LOG**

ASA-SE-2

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)

### Overhaul Reciprocating Engine Certificate

**LYCOMING**<sup>™</sup>

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number      HENPL-7396  
 Serial Number    L-3959-76T  
 Engine Model     O-320-H2AD  
 Work Order       AR693408  
 Total Time        5542

*Low Latham* 10/7/17  
 \_\_\_\_\_  
 Authorized Representative                      Date

Repair Station EJ1R115K

652 Oliver Street Williamsport, PA 17701 U.S.A.  
 Lycoming Engines is a division of Avco Corporation

Form 2480 Rev 05/13

--	--	--	--









12/30/18  
N400AS  
Serv Hobbs: 400.8

12/30/18

N400AS

Serv Hobbs: 400.8

Performed 100 Hr. inspection with ref to FAR 43 appendix "D". Drained oil & Cut filter. No anomaly found. Drained carburetor. Compressions 79/79/79/69 over 80 psi. Serviced sump with 6 qts of Phillips 66 AW100 oil and installed new Tempest AA48103-2 oil filter. Test run no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Chris Osmer *Chris Osmer*  
A/P 3116726

**Aerocare Tech LLC**

**N400AS ENGINE LOG ENTRY 01/22/2019**

Lycoming O-320-H2HD	SN:L-3959-76T	SRV HBB: 417.1	ACTT:10874.8	TSMOH: 417.1
---------------------	---------------	----------------	--------------	--------------

Installed Factory Overhauled Lycoming engine Model number O-320-H2HD S/N:L-3959-76T. I certify that this Engine has been inspected I.A.W an annual inspection and was determined to be in airworthy condition. This aircraft has been found airworthy for return to service with respect to the work described herein:

Authorized Signature: *[Signature]* **Michael.M.Grant AP3016547IA**

Aerocare Tech LLC

N400AS ENGINE LOG ENTRY 04/22/2019

Lycoming: O-320-H2HD	SN: L-3959-76T	SRV HBB: 516.1	ACTT: 10973.80	TSMOH: 516.1
----------------------	----------------	----------------	----------------	--------------

Drained engine oil and Changed oil filter with new CH48103-2 filter. Serviced Engine with 6Qts Phillips AW100 oil. Cleaned gapped and tested all sparkplugs and reinstalled. Performed compression test: #1) 76/80 #2) 76/80 #3) 70/80 #4) 74/80.. I certify that this Engine has been inspected I.A.W an 100hr inspection and was determined to be in airworthy condition .This aircraft has been found airworthy for return to service with respect to the work described herein:

Authorized Signature:  Michael.M.Grant AP3016547

N400AS ENGINE LOG ENTRY 06/26/2019

Lyc: O-320-H2AD	SN: L-3959-76T	SRV HBB: 611.1	ACTT: 11068.8	TSMOH: 611.1
-----------------	----------------	----------------	---------------	--------------

Drained engine oil and Changed oil filter with new CH48103-2 filter. Serviced Engine with 6Qts Phillips AW100 oil. Cleaned, gapped and tested all spark plugs and reinstalled. Compression test: 1) 76/80 2) 76/80 3) 68/80 4) 76/80. replaced induction air filter with new. I certify that this Engine has been inspected I.A.W an 100hr inspection and was determined to be in airworthy condition .This Engine has been found airworthy for return to service with respect to the work described herein:

Authorized Signature:  Michael.M.Grant AP3016547



**ons, Tests, Repairs and Alterations**  
(Name, Rating and Certificate Number of  
See back pages for other specific entries.)

August 28, 2019 **N400AS Serv Hobbs: 712.3** SMOH:712.3  
Engine Lycoming O-320-H2AD S/N: L-3959-76T

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions 78/74/72/76 over 80 psi. Drained oil & cut filter - no metal particles detected. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Dean Marks  
2388479 A/P

Oct 18, 2019 **N400AS Serv Hobbs: 810.5** SMOH:810.5  
Engine Lycoming O-320-H2AD S/N: L-3959-76T

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions 78/78/74/76 over 80 psi. Drained oil & cut filter - no metal particles detected. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Cleaned, gapped & rotated spark plugs. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Chris Osmer  
3116726 A/P

*Chris Osmer*

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.)
--------------------	---------------------------	-------------------	-----------------------------	---


--	--	--	--	--

Dec 4, 2019      **N400AS Serv Hobbs: 912.5**      SMOH: 912.5  
**Engine Lycoming O-320-H2AD S/N: L-3959-76T**

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions #1-70/#2-72/#3-65/#4-70 over 80 psi. Drained oil & cut filter – no metal particles detected. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Samuel Wysoki  
2809955 A/P




ions  
r of  
ion.)

YEAR	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.)

February 1, 2020 **N400AS** Serv Hobbs: **982.9** SMOH: 982.9  
Engine Lycoming O-320-H2AD S/N: L-3959-76T

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions #1-71/#2-71/#3-68/#4-73 over 80 psi. Drained oil & cut filter – no metal particles detected. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour/Annual inspection and is in airworthy condition.

This engine is approved for return to service.

Dean Markis   
A/P 2388479iA





YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)</small>
				<p style="text-align: center;"><i>EIE</i></p> <p>February 1, 2020 <b>N400AS Serv Hobbs: 1058.8</b> <b>SMOH: 1058.8</b>  <b>Engine Lycoming O-320-H2AD S/N: L-3959-76T</b></p> <p>Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions #1-72/#2-73/#3-69/#4-72 over 80 psi. Drained oil &amp; cut filter – no metal particles detected. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run &amp; no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour/Annual inspection and is in airworthy condition.</p> <p>This engine is approved for return to service.</p> <p>Samuel Wysoki 2809955 A/P <i>Samuel Wysoki</i></p>









118 119 120	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

October 27, 20 **N400AS** Serv Hobbs: **1356.0** SMOH:1356.0  
 Engine **Lycoming O-320-H2AD S/N: L-3959-76T**

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions 73/70/73/70 over 80 psi. Drained oil & cut filter – no metal particles detected. Cleaned, gapped and rotated spark plugs. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Dean Markis   
 2388479 AP


YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)</small>
--------------------------	---------------------------	-------------------	-----------------------------	--

Jan 11, 21      **N400AS    Serv Hobbs: 1456.0    SMOH:1456.0**

Engine Lycoming O-320-H2AD S/N: L-3959-76T

Performed 100 Hr. inspection in reference to FAR Part 43 appendix "D". Drained carburetor. Compressions 68/71/73/74 over 80 psi. Drained oil & cut filter - no metal particles detected. Cleaned, gapped and rotated spark plugs. Serviced sump with 6.5 qts Phillips 66 AW100 oil and installed AA481103-2 oil filter. Test run & no leaks detected, ops check good. I certify that this engine has been inspected per 100 hour inspection and is in airworthy condition.

This engine is approved for return to service.

Samuel Wysoki  
A/P 2809955





