

Numéro - Number

L_32572_36A

Marque - Make

LYCOMING

Type

O-360-A1AD

LIVRET DE MOTEUR

ENGINE LOG BOOK

MOTEUR * ENGINE

Numéro - Number

L-32572-36A

Marque - Make

LYCOMING

Type

0-360-A1AD

Construit par : LYCOMING
Maker

le : 1990
the

Documents présentés : Export Certif. of Airworthiness No E.267641
Records submitted : <feuille d'essais au banc du 17.04.1990

du 20.04.1990

Rappel des heures de fonctionnement
Record or running time

Depuis fabrication : 1h15
Since manufacture :

Depuis révision : S-R
Since overhaul :

Livret établi à : TARBES
Log Book established at :
(Place and date)

le : 06.07.1990
the

BUREAU VERITAS (signature et cachet)
ature and stamp of Issuing Authority, Bureau Veritas

TEXTRON Lycoming

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc

652 Oliver Street
Williamsport, PA 17701 U.S.A
717/323-6181

ENGINE SERIAL NUMBER

L-32572-36A

IN SERVICE DATE

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DETACH AND RETAIN THIS PORTION FOR YOUR RECORD



[illegible]

TYPE ET N° (Aéronef) – Type and Serial Number of Aircraft :

1

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
08/90	Application du BS LYCOMING N° 488	
08/90	SOCATA-CONTRÔLE QUALITÉ VÉRIFICATION ET ENTRETIEN STOCKAGE	
10-25-90	I certify that this <u>engine</u> has been inspected in accordance with a <u>visual</u> inspection and was determined to be in airworthy condition <u>Daniel Martinez</u> DANIEL MARTINEZ A&P 467351911 AP	
8/14/91	I certify that this <u>engine</u> has been inspected in accordance with a <u>100hr.</u> inspection and was determined to be in air- worthy condition. Time <u>100</u> hours. Total time <u>100</u> hours. <u>Robert Barth</u> A&P <u>213882238</u> repositioned #4 cyl oil return line changed #1 cyl exhaust gasket. run and leak ✓ good - end -	Drained oil took sample #119962 changed oil filter service with 9 qts AS 100 and one bottle LW 16702 additive Comp. ① $\frac{76}{30}$ ② $\frac{74}{50}$ ③ $\frac{74}{50}$ ④ $\frac{75}{50}$

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories	
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes
Report Brought forward	Sept 25 91	I certify that this <u>engine</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in <u>ok</u> worthy condition. Time <u>200</u> hours. Total time <u>200</u> hours <u>Robert Barth</u> A & P <u>213882238</u>						Drained oil took sample #116425 changed oil filter serviced with 8 qts A5 80 and one bottle LW16702 oil additive compression tightened oil dipstick tube, changed #1 cyl exhaust gasket and repositioned damper at exhaust tube joint, cleaned and gaped plugs, dressed and painted prop. CW AD 90-25-17 oil cooler insp. no defects noted. run up and leak ✓ good - end -	
	Oct 10 91	Tach 224 Removal carb sent out for repair reinstalled repaired carburetor, run and leak ✓ good repaired by Precision Air Inc. work # 59889 - end - <u>Robert Barth</u> <u>213882238</u>							
A reporter Carried forward									

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26 NOV 91	I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in air- worthy condition. Time <u>294.5</u> hours. Total time <u>294.5</u> hours. <u>C. Celah</u> <u>2141270</u> Replaced all exhaust gaskets using new washers and lock washers. Replaced air filter. Engine ground run ok - no leaks noted —	Compressions checked as follows: #1. $\frac{76}{80}$ #2. $\frac{72}{80}$ #3. $\frac{73}{80}$ #4. $\frac{74}{80}$. Oil & filter changed - serviced w/ 8 qt's Avroshell and one bottle of LW16702
FEB 20 92	I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in air- worthy condition. Time <u>394</u> hours. Total time <u>394</u> hours. <u>Thomas Johnson</u> <u>A & P</u> <u>01486 3004</u> Engine run and leak checked ok. —	Compressions as follows: ① $\frac{76}{80}$ ② $\frac{76}{80}$ ③ $\frac{76}{80}$ ④ $\frac{77}{80}$ Drained oil and took wear check sample. # WC 122846 changed filter and serviced w/ 8 qt's Avroshell 80 and 1 bottle LW16702. changed #1 cyl exhaust gasket.

MOTEUR SUR AÉRONEF - ENGINE INSTALLED IN AIRCRAFT

Immatriculé - Registration :

Observations
sur le fonctionnement du moteur et accessoires
Observations on the running of
Engine and Accessories

Dates Date	Temps, fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward								
May 19, 1992 Tech 495.0								Drained oil & took wearcheck sample #122858, changed filter & serviced with 8 qts Aeroshell 100w & 1 bottle Lu 16.702 additive. cleaned & gapped plugs. Compression ① 7/80 ② 7/80 ③ 7/80 ④ 7/80. Ran up & leak checked.
								I certify that this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in airworthy condition. Time <u>495.0</u> hours. Total time <u>495.0</u> hours <u>William E. De Haven</u> A & P <u>220825109</u>
July 22, 1992 Tech 567.0								Drained oil & took wearcheck sample #126583, changed oil filter, Refilled with 8 qts Aeroshell 100w and 1 bottle Lu 16.702 additive - Ran up & leak checked. <u>William E. De Haven</u> A & P <u>220825109</u>
A reporter Carried forward								

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority																				
July 27 1992	TACH 570 Checked for applicability of AD 92-05 Lgc Piston pin replacement does not apply by SW per Lgc SB 5013. no further action required. Thomas Johnson AXP 214863009	12-05 Lgc Piston pin replacement																				
Aug 11- 92	I certify that this <u>ENGINE</u> has been Inspected in accordance with a <u>100 hr</u> Inspection and was determined to be in air-worthy condition. Time <u>593</u> hours. Total time <u>593</u> hours. Thomas Johnson A & P 214863009 defects noted, next inspection due on mag. B169967 ground run and leak checked ok	Drained oil took wearcheck sample + WC 106598 changed filter refilled w/ 8 qts AIS 100 and 1 bottle L-44102 additive. Compression checked: <table border="1"> <tr> <td>1</td> <td>26</td> <td>26</td> <td>26</td> <td>26</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> <tr> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </table> replaced spark plug chw AD 78-09-07 RS impulse coupling mag. 10-68955-11 chw TACH 1093 washed engine	1	26	26	26	26	80	80	80	80	80	3	3	3	3	3	80	80	80	80	80
1	26	26	26	26																		
80	80	80	80	80																		
3	3	3	3	3																		
80	80	80	80	80																		
Aug 11, 1992	I certify that this <u>ENGINE</u> has been Inspected in accordance with an <u>ANNUAL</u> Inspection and was determined to be in air-worthy condition. Time <u>593</u> hours. Total time <u>593</u> hours. [Signature] A & P 152403314 IA																					

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward								
9-21-92 TACH 642								DRAINED oil, Took wear check # 130533. CHANGED FILTER. Serviced system with 8qts Aero/Shell 100W and 1 Bottle of Lycoming Eng. oil Additive #16702. WASHED Eng. and ground Run-up and leak check O.K. Scott A. Gnyers AP# 168580304
21 OCT 92								
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in air- worthy condition. Time <u>689.3</u> hours. Total time <u>689.3</u> hours <u>Scott A. Gnyers</u> A & P <u>2141270</u>								
Oil & filter changed this date. Serviced w/ 8qts Aero Shell 80W & one bottle W16702. Compression checked as follows: #1 74/100 #2 72/100 #3 72/100 #4 74/100. Repair Crack @ buffer near starter by sheet metal riveted patch. Installed new induction air filter. Engine ground run ok - no leaks noted.								
A reporter Carried forward								

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
12-14-92	TACH 740.3 Drained oil & took wearcheck sample # WC 13092 changed filter, serviced with 8 qts Aeroshell 1580 and 1 bottle LW 16202. cleaned engine, ground run and leak checked ok Thames & P 74863009	
1-28-93	I certify that this <u>ENGINE</u> has base Compressions @ $\frac{75}{80}$ $\frac{74}{80}$ $\frac{75}{80}$ $\frac{76}{80}$ Inspected in accordance with a <u>100 hr</u> drained oil, changed filter took wear inspection and was determined to be in air- check sample # WC 132776. Serviced w/ worthy condition. Time <u>784</u> hours. Total time <u>784</u> hours. 8 qts Aeroshell 1580 mineral oil and one <u>Thames & P 74863009</u> bottle LW 16202. addition LW S/B 381B valve train inspection - no defects found - next compliance due @ 1184 TACH LW S/B 388B valve guide wear inspection - subsequently repaired cyl #1 and #4 exhaust valve and guide by replacement. See attached tags for more information. Next compliance of S/B @ 1184 TACH. Lubed starter Bendix Engine washed, ground run and leak checked ok - EOD -	

MOTEUR SUR AÉRONEF - ENGINE INSTALLED IN AIRCRAFT

Immatriculé - Registration :

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		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward								
3 26/93	tach 838.9							Drained oil, took sample # 133216 changed oil filter serviced with 8qt AS 100 run leak good Robert Bartoli AIP# 713882238
4/29/93	tach 875.9							Drained oil took sample #126014 changed filter serviced with 8qt AS 100 and one bottle LW 16702 additive Compressions ① 74/60 ② 73/60 ③ 75/60 ④ 76/60 Charged rocker box gasket on #2 cyl stop drilled buffeting, charged induction air cleaner run and leak good.
A reporter Carried forward								

Dates

Date

Detail travaux entretien – Degroupages – Révisions partielles
ou générales – Modifications – Stockage moteur et accessoiresParticulars of maintenance. Top or Complete Overhauls. Repairs. Replacements.
Modifications, including records of periods when engine and
accessories are inhibitedCachets – Signature – Réparateur
Organisme de contrôleCommercial Stamp and Signature of
Overhauler and Controlling Authority

5/25/93 Tach 925, installed new shaft and
rebuild starter drive overhauled by
Electrosystems done w/ #12925 see
yellow tag ops ✓ good

Robert Barthel A & P 213882238

5-26-93 TACH 925 DRAINED oil, CHANGED oil FILTER, TOOK
W/C #125994. SERVICED SYSTEM WITH 8qts A/S 100W and
1 BOTTLE of LW16702 Lycoming oil ADDITIVE.
GROUND Run-up and leak check GOOD. — END —

Scott A. Myers

A & P = 168580304

7/1/93

I certify that this Engine ☒ Good
inspected in accordance with a 100hr ☒
inspection and was determined to be in air
worthy condition

Time 975 hours Total time 975 ☒

Robert Barthel A & P 213882238

Changed all spark plugs run & leak ✓ good

Drained oil took sample
#133219 changed filter served
with 8qts + 1 LW16702
compression @ 70 @ 70 @ 70 @ 70
changed induction air filter

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
10/6/93 Report Brought forward								TACH TIME - 1074.8 - CHECKED COMPRESSION #1 76/180 #2 75/180 #3 76/180 #4 75/180, CHANGED OIL & OIL FILTER WEAR CHECK SAMPLE TAKEN W/L-138149, SERVICED ENGINE W/8 QTS AEROSHELL 100W OIL, 1ea CH48103 FILTER, 1ea WW16702 LYCOMING ENGINE ADD. CLEANED & GAPPED SPARK PLUGS. INSTALLED 4ea 77611 EXHAUST GASKETS. INSTALLED NEW INDUCTION FILTER BA-6108. REPLACED OIL DIPSTICK TUBE GASKET P/N 72059, REPLACED MANIFOLD PRESS. FILTER P/N N7284480058. C/W AD 78-09-07 R3, NO DEFECTS NOTED, NEXT DUE AT TACH TIME - 1574. IMPULSE INSPECTION I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in <u>airworthy</u> condition. Time <u>1074.8</u> hours. Total time <u>1074.8</u> hours <u>Dennis M. Miller</u> A & P <u>213483820</u>
12/3/93	1110.9 tach							Replaced alternator with overhauled unit P/N ALU8421R SN 3090148 run ops ✓ good see yellow tag w/ 18859 Robert Plonk AP 213582238

stration :

TYPE ET N° (Aéronef) – Type and Serial Number of Aircraft :

6

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moteur et accessoires
ie running of
cessories

7
80, CHANGED
19, SERVICED
2, lea LW16702
ILLED 4ea
2 BA-6108,
MANIFOLD PRESS.
NOTED, NEXT

HR
be. la. ch
18
20

submit

7

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
12/30/93	Drained oil and took near check sample #134939, changed Tach 1122.0 oil filter. Serviced with 8qts Aeroshell 80w oil and 1bottle LW16702 additive. Ran up & leak checked	William S. P. Hawn AEP220825709
3/25/94	Inspected in accordance with a 100hr. inspection and was determined to be in air- worthy condition. Time 1171 hours. Total time 1171 hours. Robert L. Kuth A & P 213392235	Drained oil took sample #132199 changed oil filter serviced with 8qts AS 80+1 LW16702 Compressions as follows ① 77/80 ② 77/80 ③ 77/80 ④ 74/80 Changed manifold pressure filter, replaced induction air filter c/w SB 388 B diameters as follows ① .017 ② .025 ③ .030 ④ .015 next insp due 1571 tach time run leak ✓ ok
5/23/94	TACH-1221.3 – CHANGED OIL & OIL FILTER, S.O.A.P. SAMPLE TAKEN SERVICED WITH 8QTS AEROSHELL 100W, 1BTL LW-16702, & lea CH48103 FILTER RAN-UP & LEAK CHECKED, NO LEAKS NOTED	Dennis M. Miller AEP213483920

accessoires

of

CHANGED

#120448103

EXAMINED

ED

113483820

SERVICED

-A/C

Dates

Date

Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires
Particulars of maintenance. Top or Complete Overhauls. Repairs. Replacements. Modifications, including records of periods when engine and accessories are inhibited

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Organisme de contrôle

Commercial Stamp and Signature of
Overhauler and Controlling Authority

15 SEPT 94 TACH READS 1373.0 - OIL & FILTER CHANGED THIS DATE - SERVICED
w/ 8915 AEROSHELL 100W & ONE LW 16702 COMPRESSION CHECKED AS
FOLLOWS: #1 72/80 #2 77/80 #3 74/80 #4 77/80. REPAIRED BATTERY IN
VICINITY OF ALTERNATOR PULLEY. INSTALLED COMPLETE SET OF NEW
SPARK PLUGS. INSTALLED NEW LEFT & RIGHT MAG POINTS - RETIMED MAG
TO ENGINE. ENGINE BROUND RUN OK - NO LEAKS NOTED JCSH HP214120

11/12/94 1412.0 tach
checked overhauled alternator PN ALU8421R
SN 10J000006 run + gas ✓ good alt overhauled
by Penn Yan Aero Service Inc. w/ # 61934
see yellow tag

Robert J. Barth

A/P 21348382235

[illegible]

Dates
Date

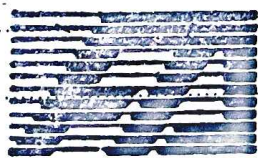
Détail travaux entretien – Dégroupages – Révisions partielles
ou générales – Modifications – Stockage moteur et accessoires

Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements,
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accessories are inhibited

Cachets – Signature – Réparateur
Organisme de contrôle

Commercial Stamp and Signature of
Overhauler and Controlling Authority

1/27/95 – TAXI 1569.5 – COMPLETED ENGINE INSPECTION I/A/W 100 HR
INSP. REPORT. COMPRESSION CHECKED AS FOLLOWS – 1) 76 2) 77
3) 73 4) 79 / 80. DRAINED OIL & CHANGED FILTER, TOOK OIL SAMPLE
008375, REFILLED WITH 8 QTS 145 WCC AND ONE BOTTLE LW 1670Z
ADDITIVE. INSTALLED NEW INDUCTION AIR FILTER. C/W A.D.
78-09-07 R3 BY INSP. OF IMPULSE COUPLING I/A/W S.B. 599B –
WEAR IS WITHIN SERVICE LIMITS – NEXT COMPLIANCE DUE AT
TAXI 2069.5. INSTALLED ALL NEW ROCKER COVER GASKETS.
WASHED ENGINE & COWL. RUN-UP & LEAK CHECK SATISFACTORY.



Frederick Aviation, Inc.
330 AVIATION WAY
MUNICIPAL AIRPORT
FREDERICK, MARYLAND 21701
301-662-8156

I certify that this

ENGINE

has been inspected in accordance with a
100 HR inspection and was
determined to be in airworthy condition

TAXI Time 1569.5 hours. Total time 1569.5 hours.

Richard D. Young A&P 217560972

TYPE ET N° (Aéronef) – Type and Serial Number of Aircraft :

9

Dates
Date

Détail travaux entretien – Dégroupages – Révisions partielles
ou générales – Modifications – Stockage moteur et accessoires
Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements,
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Cachets – Signature – Réparateur
Organisme de contrôle
Commercial Stamp and Signature of
Overhauler and Controlling Authority

5/31/95 TACH 1721.5 - CHANGED OIL & FILTER, TOOK OIL SAMPLE. REFILLED
WITH 8 QTS R/S 100 AND ONE BOTTLE LW16702 ADDITIVE. INSTALLED
SERVICEABLE ALTERNATOR MOUNTING BRACKET. RUN-UP AND
LEAK CHECK OK. *Samuel D. Up* REP #217560972

6/22/95 Removed cylinder #2 for repair (see tag) Reinstalled using
Tach 1769.5 all new seals & Gaskets. Oil changed & serviced with 8 qts.
Aeroshell 100w oil and ① LW16702 additive. Changed oil filter.
Compression checked. ① $7\frac{1}{8}$ ② $4\frac{1}{8}$ ③ $7\frac{1}{8}$ ④ $7\frac{1}{8}$ #2 cylinder repaired
as above. Ran up & leak checked. Replaced all spark plugs
with RHM38E champions.
William DeGave
REP #220825104

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
7/31/95 Report Brought forward	TACH 1823.5							CHANGED OIL & FILTER, TOOK OIL SAMPLE, SERVICED WITH 8 QTS A/300 AND ONE BOTTLE LW16702. RUN-UP & LEAK CHECK OK. Ronald D. Y. A/P # 277560972
9/1/95	1869 TACH							CHANGED OIL & OIL FILTER, TOOK S.O.A.P. SAMPLE, SERVICED W/BOTS. AEROSHELL W100 & 1 BTL. LW-16702 & 1 ea CH48103. FILTER RAN-UP & LEAK CHECKED. NO LEAKS NOTED. Dennis M. Miller A/P 213483820
10/2/95 Tach 1924.4	Changed oil & filter, took SO AP sample #9298. Serviced with 8 qts Aeroshell 80 w oil and 1 LW16702. Installed filter plus used CH48104. Run up & leak checked.							William D. Hearn A/P 220825109
A reporter Carried forward								

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11/7/95	TACH 1965.5 – Compression checked as follows – 1) 75 2) 78 3) 73 4) 78. DRAINED OIL & CHANGED FILTER, REFILLED WITH 8 QTS A/S 80. RUN-UP & LEAK CHECK SATISFACTORY. _____ Ronald D. Young AEP #217560972.	
12/19/95	Tach 1998.0 Removed Engine from TB 10 - N28205 S/N 1119. Engine total time since new 1998.0.	William J. Hume AEP 220825109
	OIL RECOMMENDATION STEEL OR NITRIDED CYLINDERS Use non-detergent SINGLE VISCOSITY mineral oil for the first 50 hours or until oil consumption stabilizes at a satisfactory level - up to 100 hours. Then change to SINGLE VISCOSITY ashless dispersent (AD) type oil. Penn Yan specifically recommends that you do not use multi viscosity, synthetic, or semi synthetic products. Use of these products will void warranty on valve sticking. Change oil & filter after the first 10 hours, then at 15 more hours and every 25 hours thereafter. WE DO NOT RECOMMEND THE USE OF MULTI-VISCOSITY OIL!	

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Penn Yan Aero Service, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed, reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. # 11574 DATED 12 JAN 96
MFG. LYCOMING MODEL O-360-A1AD
Serial No. L-32572-36A Time in svc. 1998.0



PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

APPROVED REPAIR STATION NJ1R350K

[Signature]
Authorized Signature

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ations
u moteur et accessoires

the running of
Accessories

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: <u>O-360-A1AD</u>	SN. <u>L-32572-36A</u>	DATE <u>12 JAN 96</u>
	P/N	S/N
RY MAG <u>10-682555-11</u>		<u>B6200278</u>
LT MAG		
ALT/GEN	NOT PROVIDED	
INJ/CARB	<u>10-3878</u>	<u>G-12-1194</u>
FUEL PUMP	<u>LW15472</u>	<u>NEW</u>
STARTER	<u>MHB4016</u>	<u>2040319</u>
TURBO CHARGER	<u>N/A</u>	
<u>+10 CYLINDER BORES</u>		

PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

W.O. No. 11574

APPROVED REPAIR STATION NJ1R350K

[Signature]
Authorized Signature

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
1/25/96	TACH -2,000.0 INSTALLED THIS ENGINE IN SOCATA TB10, S/N 1119, SERVICED W/80TS AEROSHELLW80 STRAIGHT MINERAL OIL, RAN-UP ENGINE & ADJUSTED, IDLE R.P.M. & MIXTURE AS REQUIRED, NO LEAKS NOTED.	Dennis M. Miller App 213483820
2/13/96	Tach 2014.2 Drained oil changed filter serviced with 8 qts AS 80 mineral and one LW16702 oil additive run and leak ✓	Robert Barth App 213887738
2/21/96	Tach 2023.7 Drained oil serviced with 8 qts AS 80 mineral and one LW16702 oil additive run and leak ✓	Robert Barth App 213882238
3/15/96	TACH -2050 – CHANGED OIL & OIL FILTER, S.O.A.P SAMPLE TAKEN SERVICED W/80T A/SW80, LW LW-16702 & 120 CH48101 FILTER RAN-UP & LEAK CHECKED NO LEAKS NOTED.	Dennis M. Miller App 213483820

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
7-2-96	2196.7 TACH 838.4 HOBBS 196.9 SMOH Drain oil, sample #79-1201 taken, install new oil filter service with 2pts Pennell 50W ashless. Install new Brackett revision "H" induction filter PN CA5110, timed engine magnets to 25°. Install 4 new rion pipe to muffler clamps PN TR1056008001 and new hardware Compression test: 1. 78/80 2. 78/80 3. 76/80 4. 77/80 Engine run up & leak test good. I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.	<i>M. Shanahan</i> ATP 219462911
2-9-96	2246.0 TACH 248.0 SMOH Change oil & filter, sample #79-1220 taken service with 2pts Pennell 50W. Dress prop. Run up & leak check good.	<i>M. Shanahan</i> ATP 219462911

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward	7-18-96			2293.3		tach		Change oil & filter sample #78-2632 service with 8 qts Aeroshell Ashless 50W tube starter, drive repair #1 cylinder baffle, Dress prop., Install new "O" ring on Dip stick tube Compression test : 1. 74/80 2. 78/80 3. 75/80 4. 78/80 run up & leak check good M. Shavahar 2794689-1
10-28-96	TACH - 2343 :			Drained oil and changed filter - CH 48104				Sample # 78-2694. Serviced with 8 qts AEROSHELL W50 and one bottle LW 16702 additive. Lubed all hinges. Leak check OK B. St. V. A.P. 213849557
11/3/97	tach			2390.6				Drained oil took sample 78-2665 changed filter serviced with 8 qts AS 80 and 1 lw 16702 oil additive. Compression : ① 74/80 ② 78/80 ③ 74/80 ④ 74/80 Replaced filter adjusted mass timing ch SB 301B insp. of valve train 400 hr insp no defects noted over
A reporter Carried forward								

Dates
Date

Détail travaux entretien – Dégroupages – Révisions partielles
ou générales – Modifications – Stockage moteur et accessoires
Particulars of maintenance. Top or Complete Overhauls, Repairs, Replacements,
Modifications, including records of periods when engine and
accessories are inhibited

Cachets – Signature – Réparateur
Organisme de contrôle
Commercial Stamp and Signature of
Overhauler and Controlling Authority

Pressed prop. cluduction air filter, all 4 rocker box gaskets
tightened exhaust clamps run and leak ✓ ok

Robert #Bartel
AOP# 213482238

2/26/97 Tach 2439.2

Drained oil, took sample 3029 changed filter
serviced with 8 qts AS 50 & 1 LW16702 oil additive
run and leak ✓ ok

Robert #Bartel
AOP# 213482238

2/24/97

TACH-2450.5 - CHANGED OIL & OIL FILTER, SERVICED W/8QTS. #3W80 &
1ea CH48111 FILTER RAN-UP LEAK CHECKED NO LEAKS NOTED.

Dennis M. Miller AOP 213482238

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward	5/9/97	TACH 2489.4 -		CHECKED COMPRESSION		#1 74/80 #2 76/80 #3 76/80 #4 78/80		CHANGED OIL & OIL FILTER, S.O.A.P. SAMPLE TAKEN #3067, SERVICED WITH 8OTS A/SW100, 1ea LW-16702 & 1ea CH48104 FILTER, C/W TCM MAG INSPECTION AD 96-12-07, NO DEFECTS NOTED, X-VALVES .043 & .044, INSTALLED NEW POINT ASSY IN RT. MAG ASSY 1ea P/W10-382585, 1ea LW12681, INSTALLED NEW SPARK PLUGS 8ea RHM38E, RAN-UP LEAK CHECKED, NO LEAKS NOTED. DENNIS M. MILLER AWP213483820
6/25/97	TACH - 2537.3 -	CHANGED OIL & OIL FILTER, OIL SAMPLE TAKEN #3206		SERVICED W/ 8OTS A/SW100, 1ea LW-16702, & 1ea CH48104 FILTER, RAN-UP		LEAK CHECKED, NO LEAKS NOTED. DENNIS M. MILLER AWP213483820		
8-13-97	TACH: 2589.0 -	Drained oil and changed filter P/W CH48104.		Took soap sample #53847. Serviced with 8OTS A/S W100		and one bottle LW16702. Compression tested: #1 - 73/80 ;		
		#2 - 74/80 , #3 - 77/80 , #4 - 76/80		Cleaned and gapped spark				
A reporter Carried forward								

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
8-13-97	TACH 2589.0 - continued from previous page: plugs. Replaced #1 and #3 rocker box cover gaskets. Run up and leak check good.	<i>B. J. White</i> A+P 213349887
9-15-97	TACH 2613.2 - Drained oil and changed filter. Serviced with 8013 A/S W100 and one bottle LW16702. Run up and leak check good.	<i>B. J. White</i> A+P 213349887
10-7-97	TACH: 2641.1 CHANGED OIL & OIL FILTER, OIL SAMPLE TAKEN WITH 1ea CH48104 FILTER, 1ea LW-16702, & 8QTS AEROSHELL W80, RAN-UP LEAK CHECKED NO LEAKS NOTED	<i>Dennis M. Miller</i> A+P 213483820
12-24-97	Strip Aircraft Prime and Repaint, check controls OK. Paint colors (white Dupont Inven 8174 Balance OK) { Red " " 44457 } Gold " " 5242	Note: Left Brake Bleeds Down after time) Pumped up OK. <i>B. J. White</i> A+P 214149109

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Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements,
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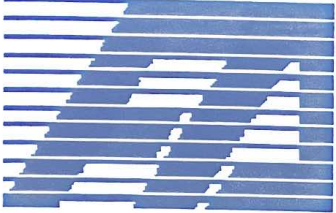
Cachets - Signature - Réparateur
Organisme de contrôle

Commercial Stamp and Signature of
Overhauler and Controlling Authority

7/16/99
2688.6
2688.5
tach
Drained oil changed filter serviced with 8qt
AS100 run & leak ✓ ok cleaned & gaped plugs
compression ① 74/80 ② 74/80 ③ 75/80 ④ 75/80 replaced manifold
pressure filter. replaced induction air filter run &
leak ✓ ok Robert Vautoli AOP #213882238

12-22-99 2893.0 TACH. DRAIN oil AND Replace oil Filter. Service
ENGINE with 8QT AEROSHELL W80 oil. LEAK AND OPS CHECK.
AOP 13748/416

3-17-00 2934.8 TACH CHANGED OIL & OIL FILTER, OIL SAMPLE TAKEN #10
SERVICED WITH 8QTS A/S W80, 1ea LW-16702, 1ea CH48104 FILTER
REPLACED CYLINDERS #1 & #3 ROCKER COVER GASKETS 2ea 75906 RAN-UP
LEAK CHECKED NO LEAKS NOTED Dennis Miller AOP 213483820

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
	 Frederick Aviation Inc. FAA CRS LC1R291K Work Order:1000173 N2820S Date: 1 Aug 01 Time: 2993.8 tach Oil and filter changed, serviced with 8 qts Aeroshell 100 mineral. Compression checked as follows: 1-73/80 2-75/80 3-73/80 4- low. Removed and replaced number 4 cylinder after repair by Skyline Cylinders (see tag supplied by Skyline). Removed bird nesting material from between cylinders. Installed new garlock seal in vacuum pump drive. Tightened oil filler tube. Installed 8 new RHM 38E spark plugs. Engine ground run ok, no leaks noted. CJ Colaluca 	



Date	September 15, 2003	Aircraft Type	TB 10	SN	1119	Registration	N 2820S
Meter Time	3085.0	Tach	T. T. 3085.0	W/O No.	2351		

- I certify that this Aircraft/Engine/Propeller
Appliance has been inspected/repaired in
accordance with an DISCREPANCIES
Inspection and determined to be in Airworthy
condition. Permanent details on file under
W/O# 2351 and copy given to customer.
Acft. T.T. 3085-0
Engine T.T. 3085 Tach.
Prop T.T. 3085 Tach. Date 9-15-03
Signature K. Phommavouth KAM PHONGSAVATH
CRS-URZR891L/JAA-5152

MOTEUR SUR AÉRONEF - ENGINE INSTALLED IN AIRCRAFT

Immatriculé - Registration :

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward	10/2/03	TACH: 3095.6						Performed AN ANNUAL INSPECTION Comp: #1 74/80 #2 79/80 #3 79/80 #4 79/80. Clean & Gapped Pugs. changed oil (ACROSHELL WIDU) & FILTER. Added 1 qt Lube. LW 16702 ADDITIVE. ENGINE WARMED DOWN. RUN-UP & LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. P. J. HATH AEP/58400694 IA
	12/5/03	Tach: 3103.8						Remove #1 cylinder I/A/W M-F's Service + Maintenance Manual - Sand cyl to Haps Aerial Enterprise Inc. Service - Clean Disassemble & inspect cyl - Replace In & Exh Seats, In & Exh Guides, Retain Intake Valve & Replace Exh Valve - Re install #1 cyl I/A/W M-F's Service + Maintenance Manual Test Run & Check for Leaks - Comp on #1's cyl #1 79/80 Warm-
A reporter Carried forward								

Dates Date	Détail travaux entretien – Dégroupages – Révisions partielles ou générales – Modifications – Stockage moteur et accessoires Particulars of maintenance, Top or Complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets – Signature – Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
1-31-04	Tach 3112.1 Change Oil & Filter (Am Shell 15W-50) Run up and leak checked good.	
10/20/2004	TACH: 3141.5 Performed an Annual Inspection I/A/W MEG'S SPEC'S comp: #1 79/PO #2 80/PO #3 79/PO #4 79/PO. CHANGED OIL (AMPSHELL 15W50) & FILTER. cleaned & Gapped Plugs. ENG. WASHER DOWN Run up & LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. R. J. Leath H&P 152400634 IA	
11/15/2005	TACH: 3180.9 Performed an Annual Inspection I/A/W MEG'S SPEC'S comp: #1 79/PO #2 79/PO #3 79/PO #4 79/PO. CHANGED OIL (AMPSHELL 15W50) & FILTER. cleaned & Gapped Plugs. Replaced AIR FILTER & cleaned FUEL SCREEN. TIGHTENED ALL VALVE COVERS. TIGHTENED DIP STICK & REPAIRED BREATHER AS NECESSARY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. R. J. Leath H&P 152400634 IA	

Dates Date	Temps fonction au sol Time run on ground	Temps en vol Time run in flight		Temps total depuis mise en service Total time run since new		Temps total depuis dernière révision générale Total time run since last complete overhaul		Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
		heures Hours	minutes Minutes	heures Hours	minutes Minutes	heures Hours	minutes Minutes	
Report Brought forward	12/12/2006	TACH: 3198.3						PERFORMED AN ANNUAL INSPECTION I/A/W MFG'S SPEC'S. Comp: #1 78/10 #2 79/50 #3 79/50 #4 78/50. CHANGED OIL (ARLUSHEED 15W50) & FILTER. CLEANED & GAPPED PLUGS. REPLACED AIR FILTER. CLEANED FUEL SCREEN. ENGINE WASNED DOWN, RUN UP & LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. P. M. Leung, AEP 158400694 IA
1/17/2008	TACH: 3233.5	TSMOLT 1,233.2						PERFORMED AN ANNUAL INSPECTION I/A/W MFG'S SPEC'S. Comp: ALL 78 OR ABOVE. CHANGED OIL (ARLUSHEED 15W50) & FILTER. CUT OLD FILTER, NO METAL FOUND. CLEANED, GAPPED & ROTATED PLUGS. REPLACED AIR FILTER & CLEANED FUEL SCREEN. REPAIRED #1/3 ENGINE BREEZE AS NECESSARY. ENGINE WASNED DOWN, RUN UP & LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. P. M. Leung, AEP 158400694 IA
A reporter Carried forward								

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MF6¹⁵ SPEC'S
WASHED 15W50)
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INSPECTION & WAS

Date: **March 9, 2009**
Model: **o-360-A1AD**
Hobbs: **x**

Engine Log Book
Engine Make: **Lycoming**
TSMOHE: **1257.9**

Engine Serial No: **L-32572-36A**
Engine Total Time: **3258.2 TACH**

Dates
Date

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming o-360 Maintenance Manual as a reference.
2. Service engine with Aeroshell 15W-50. Cut open & inspect oil filter. No particle found. Install new Champion oil filter.
3. Replace all valve cover gaskets.
4. Clean, insp & test all spark plugs.
5. Warm compression test: 1; 69 2; 70 3; 71 4; 69
6. **C/W AD 2008-19-05 N/A** - Cyl Head P/N AEL 85099 not installed.
7. **Recommend TCM MSB 645 Mag Impulse Coupling Insp be performed at 3289.8 TACH.**
8. Wash down engine. Ground run & leak check good.

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Authority

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 3-9-2009 Signed David M. Trapp II A&P 3205125



4029 Airport Road, Suite 300 Lexington, KY 40510 859-255-1902

Engine Log Book

Date: July 12, 2010
Reg No: **N2820S**
AF Total Time: **3258.2**
Eng Total Time: **3258.2**

Aircraft: TB-10
Hobbs: 1517.1
Engine SMOH: **1257.9**

Work Order: M-10-0661
Serial No: 1119
Tach: 3258.2
Prop Total time: **93.0**

1. I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in airworthy condition. Inspection performed in accordance with FAR 43 appendix D, using the TB-10 Maintenance Manual inspection guide as a reference.
2. Compressions: 1) 70 2) 68 3) 72 4) 78.
3. Serviced engine with 7 quarts of Aero Shell 15W50 oil and new filter P/N CH48104-1. Cut open old filter and inspected for particles. Checked ok.
4. AD2009-26-12 N/A No ECI cylinders installed.
5. Ground ran engine. Ops check and no leaks noted.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 7/12/10 Signed Rudy Segura APTA 3110987

Engine Log Book

Date: August 16, 2011
Reg No: N2820S
AF Total Time: 3290.1
Eng TT: 3290.1

Aircraft: TB-10
Tach: 3290.1
Engine SMOH: 1289.8

Work Order: M-11-1417
Serial No: 1119
Hobbs: 1523.0
Prop TT: 124.9

Dates
Date

1. I certify that this engine has been inspected in accordance with an Annual / 100 hour inspection and found to be in airworthy condition. Inspection performed in accordance with FAR 43 appendix D, using the TB-10 Maintenance Manual insp guide as a reference.
2. Compressions: 1) 79 2) 79 3) 79 4) 79.
3. Serviced engine with 7 qts of Aeroshell 15W50 engine oil and new oil filter P/N CH48104-1. Cut open old filter and inspected for particles. Checked ok.
4. Tightened engine valve cover screws. Leak checked ok.
5. Ground run aircraft, leak checked and ops checked ok.

Re
Brought for

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 8/16/11 Signed 
Rudy Segura APIA 3110987

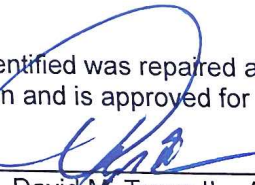
Date: **Sept 29, 2012**
Model: **O-360-A1AD**
Hobbs: **1524.4**

Engine Log Book
Engine Make: **Lycoming**
TSMOHE: **1301.5**

Engine Serial No: **L-32572-36A**
Engine Total Time: **3301.8**

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Service engine with Aeroshell 15W-50. Cut open & inspect oil filter. No particle found. Install new Champion oil filter.
3. Clean, insp & test all spark plugs.
4. Warm compression test: 1; 80 2; 80 3; 80 4; 80
5. **C/W AD 2012-19-01** N/A By Eng Model & Crankshaft S/N.
6. Install new Bracket Air Filter element.
7. Wash down engine. Ground run & leak check good.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: Sept 29, 2012 Signed 
David M. Trapp II A&P 3205125

A reporter
Carried forward

TYP

Dates
Date

Dates
DateDate: Oct. 19, 2013
Model: O-360-A1AD
Hobbs: 1524.9Engine Log Book
Engine Make: Lycoming
TSMOHE: 1306.1Engine Serial No: L-32572-36A
Engine Total Time: 3306.4Signature
Signature of
Authority

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Clean, insp & test all spark plugs.
3. Warm compression test: 1; 78 2; 80 3; 79 4; 80
4. Wash down engine. Ground run & leak check good.
5. C/W AD 2012-03-07 N/A by P/N. No further action required.
6. Install new Bracket Air Filter element.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date:

Oct 19 2013

Signed

David M. Trapp II A&P 3205125

Date: May 27, 2017
Model: O-360-A1AD
Hobbs: 1525.3Engine Log Book
Engine Make: Lycoming
TSMOHE: 1310.1Engine Serial No: L-32572-36A
Engine Total Time: 3310.4

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Clean, insp & test all spark plugs.
3. Warm compression test: 1; 80 2; 79 3; 80 4; 80
4. Wash down engine. Ground run & leak check good.
5. C/W AD 2012-03-07 N/A by P/N. No further action required.
6. Install new Bracket Air Filter element.
7. Service engine with Aero Shell 15W30. Oil filter clear.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date:

May 27 2017

Signed

David M. Trapp II A&P 3205125

Date: Aug 23, 2019
 Model: O-360-A1AD
 Hobbs: 1525.8

Engine Log Book
 Engine Make: Lycoming
 TSMOHE: 1314.0

Tach: 3314.0
 Engine Serial No: L-32572-36A
 Engine Total Time: 3314.0

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1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Clean, insp & test all spark plugs.
3. Warm compression test: 1; 78 2; 79 3; 78 4; 78
4. Wash down engine. Ground run & leak check .
5. Install new Bracket Air Filter element.
6. Service engine with Aero Shell 15W30. Oil filter clear.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: Aug 23, 2019

Signed

David M. Trapp II A&P 3205125

Date: Oct. 12, 2020
 Model: O-360-A1AD
 Hobbs: 1526.0

Engine Log Book
 Engine Make: Lycoming
 TSMOHE: 1318.8

Tach: 3318.8
 Engine Serial No: L-32572-36A
 Engine Total Time: 3318.8

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Clean, insp & test all spark plugs.
3. Warm compression test: 1; 77 2; 78 3; 78 4; 77
4. Wash down engine. Ground run & leak check .
5. Install new Bracket Air Filter element.
6. Service engine with Aero Shell 15W30. Oil filter clear.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: Oct 12 2020

Signed

David M. Trapp II A&P 3205125

A reporter
 Carried forward

Date: **March 1, 2022**
 Model: **O-360-A1AD**
 Hobbs: **1532.0**

Engine Log Book
 Engine Make: **Lycoming**
 TSMOHE: **1335.3**

Tach: **3314.0**
 Engine Serial No: **L-32572-36A**
 Engine Total Time: **3335.3**

Dates
 Date

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
2. Install 8 new URME40E spark plugs.
3. Warm compression test: 1; 79 2; 79 3; 78 4; 80
4. Wash down engine. Ground run & leak check .
5. Install new Bracket Air Filter element p/n BA-6108.
6. Service engine with Aero Shell 15W30 and Champion CH48104-1 Oil filter. Oil filter cut open and inspected. No metal found.
7. Remove Bendix Magneto D4LN-3000 s/n 86200278, send to Professional Aircraft Accessories Inc. CRS# P05R554Y for 500 Hr inspection and repair. W/O #62976.
8. Installed and timed Magneto D4LN-3000 s/n 86200278 per Lycoming O-360 Maintenance Manual. Ground run normal.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: March 1, 2022

Signed

David M. Trapp II A&P 3205125

Date: **July 17, 2022**
 Reg No: **N2820S**
 Hobbs: **1532.0**

Engine Log Book
 Aircraft: **Socata TB-10**
 Tach: **3338.1**

Serial No: **1119**
 Aircraft Total Time: **3338.1**

1. Install remanufactured Dry Vacuum Pump PN AA3215CC-9, SN OWUN01.
2. Ground run and ops check normal.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: July 17, 2022

Signed

David M. Trapp II A&P 3205125

Date:

Date: **March 7, 2023**Model: **O-360-A1AD**Hobbs: **1532.0**

Engine Log Book

Engine Make: **Lycoming**TSMOHE: **1340.6**Tach: **3340.6**Engine Serial No: **L-32572-36A**Engine Total Time: **3340.6**

Date

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition.
Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.

2. Remove, service and inspect spark plugs.

3. Warm compression test: 1; 78 2; 76 3; 78 4; 78

4. Wash down engine. Ground run & leak check .

5. Install new Bracket Air Filter element p/n BA-6108.

Brought fc

6. Service engine with Aero Shell 15W30 and Champion CH48104-1 Oil filter. Oil filter cut open and inspected. No metal found.

7. Magneto D4LN-3000 s/n 86200278 timing checked per Lycoming O-360 Maintenance Manual. Ground run normal.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date:

3-7-23

Signed

David M. Trapp II A&P 3205125Date: **August 6, 2024**Model: **O-360-A1AD**Hobbs: **1532.0**

Engine Log Book

Engine Make: **Lycoming**TSMOHE: **1342.4**Tach: **3342.4**Engine Serial No: **L-32572-36A**Engine Total Time: **3342.4**

1. I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition.
Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.

2. Remove, service and inspect spark plugs.

3. Warm compression test: 1; 80 2; 80 3; 79 4; 79

4. Wash down engine. Ground run & leak check .

5. Install new Bracket Air Filter element p/n BA-6108.

6. Service engine with Aero Shell 15W30 and Champion CH48104-1 Oil filter. Oil filter cut open and inspected. No metal found.

7. Magneto D4LN-3000 s/n 86200278 timing checked per Lycoming O-360 Maintenance Manual. Ground run normal.

8. Remove and install muffler assembly for overhaul by Acorn Welding. WO # 54113 10 JUL 2024.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date:

Aug 6, 2024

Signed

David M. Trapp II A&P 3205125



10916-119 St
Edmonton, Alberta, Canada
T5H 3P4
Ph: 1-780-447-5955
Fax: 1-780-447-5920
www.acornwelding.com
parts@acornwelding.com

Work Order Summary

REV:04

Release Tag #

2024- 4414

Work Order Number#

W/O:54113

Part Number: TB10-5602500000

Sales Order/Purchase Order

S/O:067990

P/O:N2820S

Description: Muffler

Components Used:

Body
Beaded End
End Plate
Outlet Section
Doubler

All Work Completed as per the data listed below:

Inspected (AC43.13-1B Sec 8-45 thru 8-49c)
Cleaned (AC43.13-1B Sec 4-77-b)
Welded (AWS D17.1)
Leak tested (AWPS 04.00)
End(s) sized (AWPS 01.00)

Certifies that work indicated on this Work Order Summary was completed in accordance with the standards indicated. This is not an Airworthiness release but a summary for the work indicated in block 11 referenced in block 12 of the FORM One. Reference Note 1: in the lower left corner of this summary.

14b. Authorized Signature

14d. Name
David Wagner SCA-066

14c. Approved Organization Number

100-91

14e. Date (dd/mm/yyyy)

10-Jul-24

1. This certificate does not constitute authority to install the part. The aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

Date: Sept. 2, 2025
Model: O-360-A1AD
Hobbs: 1532.0

Engine Log Book
Engine Make: Lycoming
TSMOHE: 1413.6

Tach: 3413.6
Engine Serial No: L-32572-36A
Engine Total Time: 3413.6

- I certify that this engine has been inspected IAW a 100 hr. inspection and found to be in airworthy condition. Inspection performed IAW FAR 43 appendix D, using Lycoming O-360 Maintenance Manual as a reference.
- Remove, service and inspect spark plugs.
- Warm compression test: 1; 79 2; 80 3; 80 4; 80
- Wash down engine. Ground run & leak check.
- Install new Bracket Air Filter element p/n BA-6108.
- Service engine with Aero Shell 15W30 and Champion CH48104-1 Oil filter. Oil filter cut open and inspected. No metal found.
- Magneto D4LN-3000 s/n 86200278 timing checked per Lycoming O-360 Maintenance Manual. Ground run normal.
- Replace all four valve cover gaskets.
- AD 2024-21-02 N/A. Engine not assembled within date range.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date:

9-2-25

Signed

David M. Trapp II A&P 3205125

Signature of
Inspector

Signature of
Authority