

2
TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0-540-L3C5D L-23525-40A
MAKE MODEL SERIAL

FROM 3-13-98 19 ____ TO ____ 19 ____

DETAILING TIME FROM IT3moH 15569 TO ____
HOURS HOURS

SSP 1872-1

~~October 1994~~

ENG: O-540-L3C5D Eastern Aircraft Date: 03-13-98
 S/N: L-23525-40A Services, Inc. Tach: 1551.90
 N#: 4726E Odessa, FL 33556 Smoh: 1551.90

Drain oil and replace filter, fill with 11 qts A/S 50wt. Cleaned and gapped spark plugs. Compression at 80: #1-74, #2-75, #3-77, #4-73, #5-75, #6-75. Check magneto to engine timing-ok. Install new air filter. Tighten intake pipe clamps and rocker screws. Perform routine maintenance. See rear of logbook for complete AD listing and compliance record. AD 97-15-01 DNA per installation. Clean engine and runup, operational checks all satisfactory, no apparent leaks. This ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition.

Larry N. Schultz
 IA 261310492

NEW EXHAUST *
 TURBO + PIPE ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/14/99	TAZ		1560.4 TACH 1551.90 1560.4 The Following was inspected but not limited to Compression Test #1 74/80 #2 71/80 #3 75/80 #4 74/80 #5 67/80 #6 70/80 DPM's Engine oil serviced with 7 QTS AeroShell 100. Previous oil Filter & CVT Oil normal. Found. Installed new CH48103 Filter serviced SPARK PLUGS, checked MAG Timing. Previous Prop For Air cleaned out CHAN'S Timing. This Engine was inspected in accordance with Annual inspection requirements and was found to be in an Air worthy condition.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/4/00			TAL 1533.5 The following was inspected but not limited to compression test all cylinders above 75/60 measured engine oil checked with 5 QTS Amsoil 100 Plus measured oil filter installed new ch 48103 filter removed spark plugs checked main terminal serviced fuel system & oil system. Lubed all controls & verified that the engine was inspected in accordance with annual inspection requirements. Found to be in an airworthy condition.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		



MODEL 0-540-L3C5D

S/N L-23525-40A

REG. N4726E

HERNANDO COUNTY AIRPORT

2495 BROAD ST.

BROOKSVILLE, FL 34609

PHONE 352-796-5173

FAX 352-799-4681

FAA REPAIR STATION # TZ4R562M

DATE 5/29/2001

W.O. 1439

TACH. 1584.6

T.T. 1584.6

COMPLIED WITH 100 HOUR/ ANNUAL INSPECTION USING CESSNA T182 INSPECTION GUIDE. DRAINED ENGINE OIL. REMOVED, CUT, AND INSPECTED OIL FILTER. NO CONTAMINATION NOTED. INSTALLED A NEW CH48103 OIL FILTER. COMPRESSION CHECK: 1). 75/80 2). 70/80 3). 74/80 4). 68/80 5). 72/80 6). 75/80. REMOVED, CLEANED GAPPED, PAINTED AND RETORQUED THE SPARK PLUGS. LUBED ENGINE CONTROLS. COMPLIED WITH AD 96-09-10, OIL PUMPS, FOUND N/A DUE TO MODEL NUMBER OF ENGINE. COMPLIED WITH AD 2000-18-53, LOSS OF ENGINE OIL, FOUND NOT TO APPLY DUE TO OVERHAUL DATE AND NO REPLACEMENT OF PARTS NOTED. GROUND RAN AND TEST FLEW AIRCRAFT.

OVER →

License Number

ENGINE LOG

Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

8-23-04 Tach:1659.5

Eng. Total Time:1659.5

Annual Inspection completed this date. Changed oil Aeroshell 15W50. Replaced filter. Cut open old filter, no contaminants observed. Cleaned, gapped, and tested plugs. Checked compression: #1 - 76/80, #2 - 65/80, #3 - 74/80, #4 - 78/80, #5 75/80 (e), #6 - 75/80. Compression check was performed hot. Checked magneto timing. Lubricated waste gate with mouse milk oil. Drained carburetor at plug and re-safetied. Washed engine, run-up OK.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Rex L. Myers A & P 1749527 I.A.



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ENGINE LOG

Serial No. _____

8-26-05 Tach:1679.0

Eng. Total Time:1679.0

Annual Inspection completed this date. Changed oil Aeroshell 15W50. Replaced filter. Cut open old filter, no contaminants observed. Cleaned, gapped, and tested plugs. Replaced air filter. Checked compression: #1 - 70/80, #2 - 63/80, #3 - 65/80, #4 - 76/80, #5 77/80, #6 - 76/80. Compression check was performed cold. Checked magneto timing. Lubricated waste gate with mouse milk oil. Repaired carb. heat muff cracks by installing doubler over muff. Doubler is same thickness stainless steel material Installed using CR3213-4 rivets. Washed engine, run-up OK.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Rex L. Myers A & P 1749527 I.A.



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		Brought Forward	
		Total to Date	

ENGINE LOG

Serial No. _____

7-21-06 Tach:1732.3

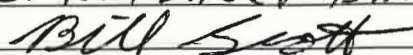
Eng. Total Time:1732.3

se
ier

Removed engine for overhaul.

Rex L. Myers A & P 1749527 I.A.



OCT 3 2006 REMOVED AND REPAIRED ENGINE BAFFLE
AS REQUIRED. CLEANED TREATED AND PAINTED
BAFFLIES. REPLACED BAFFLE SEALS WITH SILICONE
SEALS.  A+P 266378166

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
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ENGINE LOG

Serial No. _____

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Zephyr Aircraft Engines, 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. #

26196

DATED

8/8/06

MFG.

LYCOMING

MODEL

O-540-L3C5D

Serial No.

L-23525-40

Time in svc.

1732.3

Zephyr Aircraft Engines, Inc.

Municipal Airport

39320 B Avenue Zephyrhills, FL 33542



Authorized Signature

F.A.A. APPROVED REPAIR STATION #VI 4R597M

ENGINE LOG

Serial No. _____

Date

T

Hrs

10-6-06 1732.3 Tach 1732.3 TTE 0.0 TSMOH

Replaced Center RH stack, Forward FH stack, Center LH stack, and RH cross over pipe on exhaust system. Had waste gate overhauled due to corrosion on actuator plate assembly. Replaced all oil and fuel hoses with new ones. Had oil cooler replaced by Southwind Corp. Engine overhauled by Zephyr engines. See paperwork in log books. Replaced starter with Skytech starter. Replaced vacuum pump with new one from Aerotech. Had prop and governor overhauled by Gold coast aero accessories, Inc. See enclosed paperwork with log books. Inspected and rigged engine IAW Cessna service manual and FAR 43 appendix D. Ran up engine leak checked, no leaks noted. Ran up engine again for 20 minutes, all parameters within limits IAW Cessna service manual and Lycoming overhaul manual. Varified all AD's accomplished during overhaul, see AD run attached to logs.

[Signature]

Karl Stepka IA/A&P 541861450

10-6-06 1732.3 Tach 1732.3 TTE 0.0 TSMOH

I certify this engine has been inspected IAW an Annual inspection and was determined to be in an Airworthy condition.

[Signature]

Karl Stepka IA/A&P 541861450

ire

License
Number

10-13-06

TEST FLY

FOR 18 HRS

ALL SYSTEMS

GOOD - (CHECKED)

FOR LEAKS:

NONE FOUND

Not minimum

owner

ent of a
1

ENGINE LOG

Serial No. _____

Signature

License
Number

7/25/07 1782.57 hrs Tach 1782.57 TTE 50.27 TSMOH

Inspected Engine IAW part 43 appendix D. Lubricated all cables and pivot points. Checked timing. Removed, cleaned, inspected, and reinstalled spark plugs. Checked compression #1 75 #2 75/80 #3 78/80 #4 75/80 #5 77/80 #6 78/80. Inspected air filter element. Inspected exhaust muffler. Inspected exhaust system for cracks. See AD run attached. Ran up engine no leaks noted.

[Signature]

Karl Stepka IA/A&P 541861450

7/25/07 1782.57 hrs Tach 1782.57 TTE 50.27 TSMOH

I certify this Engine has been inspected IAW an annual inspection and was found to be in an airworthy condition.

[Signature]

Karl Stepka IA/A&P 541861450

the Endorsement of a
his Rating and
be Shown.

7/4/08 N4726E 1835.99 Tach 1835.99 TTE 103.69 TSMOH

Inspected Engine IAW part 43 appendix D. Lubricated all cables and pivot points. Checked timing. Cleaned and inspected spark plugs. Checked compression #1 74/80 #2 75/80 #3 73/80 #4 73/80 #5 68/80 #6 73/80. Replaced air filter element. Inspected exhaust muffler. Inspected exhaust system, no discrepancies noted. Changed oil with 10 qts Aeroshell 15W50 and Champion 48103-1 filter. No recurring AD's due. See AD run attached. Ran up engine no leaks or discrepancies noted.

Karl Stepka

Karl Stepka IA/A&P 541861450

7/4/08 N4726E 1835.99 Tach 1835.99 TTE 103.69 TSMOH

I certify this Engine has been inspected IAW an annual inspection and was found to be in an airworthy condition.

Karl Stepka

Karl Stepka IA/A&P 541861450

Serial No. _____

Signature	License Number

For the Endorsement of a
d his Rating and
be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-14-09			N4726E TACH 1901.51 TTE 1901.51 TSMOH 169.21		
			COMPRESSION CK #1-78/80 #2-78/80 #3 76/80		
			#4-70/80 #5-78/80 #6-78-80		
			NO RECURRING AD'S DUE		
			I certify that this engine has been		
			inspected in accordance with a annual		
			inspection and found to be in airworthy		
			condition		
			John Phelps APP 1539166 IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. L-23325-40A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3/21/10	1944	45	AD 39-16151 - GROUP "B" - AD 2009-26-12 REPLACED ALL CYLINDERS PER AD PART # AEL 65002 SERIAL # #1-60339-8 #2-61130-5 #3-61130-04 #4-61130-06 #5-60426-29 #6-57788-28		
3-21/10	1944		COMPLETED TOP OVERHAUL ON ENGINE AN TEST FLOWN CHECKED FOR OIL LEAKS CHECKED OK John W. Cicheln APP 1539166		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. L-23525-40A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-21-10	1945	45	I certify that this engine has been inspected in accordance with a ANNUAL inspection and found to be in airworthy condition.		
SMOH	213	.02			
5-1-11			I certify that this engine has been inspected in accordance with annual inspection and found to be in airworthy condition.		
TOTAL	2005	82			
TSMOH	273	39			

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-1-12			<p>I Certify that this Aircraft / Eng / Prop was inspected IAW an annual insp and was found to be in Airworthy Condition at this time</p> <p><i>John Phelps</i> John Phelps A&P 1539166 IA</p>		
TOTAL TIME	2023.8				
TSMOH	291.40				
			1- 78/80 - 2-76/80 - 3-76/80 4-72/80	5-79/80 6-75/80	
Page Total			<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>		
Brought Forward					
Total to Date					

ADVANCE 23° ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			1- 76/80 2-78/80 3-76/80 4-66/80 5-74/80 6-72/80		
10/1/13			<p>I Certify that this Aircraft / Eng / Prop was inspected IAW an annual insp and was found to be in Airworthy Condition at this time</p> <p><i>John Phelps</i> John Phelps A&P 1539166 IA</p>		
TT -	2082.2				
TSMOH	350.0				
TS TOP -	138.3		NEW BRAKE PADS		
PH			NEW AIR FILTER - OIL FILTER		
HOBBS	1745.7				
Page Total			<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>		
Brought Forward					
Total to Date					

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-1-14			NEW CONCORDE BATTERY COMMPRESSION 1-76/2-76/3-75/4-76/5-76/6-76		
5/5/15			I Certify that this Aircraft / <u>Eng</u> / <u>Prop</u> was inspected IAW an annual insp and was found to be in Airworthy Condition at this time		
140333	176	1.0			
TT	2097	.0			
S-Top	154	.0			
OH			CHANGE OIL - FILTER ELT BATTERIES - CLEAN PLUGS		
			John Phelps A&P 1539166 IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Serial No.

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-15-16	Tach	Time 2150-26	Charged oil 7pts Phillips xpc 20w 50		
Tsmot	487.86		Replaced oil Filter CH48103-1 ops checked OK		
			Dennis Hable ASP2184010		
6-10-16	Tach	Time 2166-0	Tsmot 432.86 Inspected Engine Installation, Inspected Exhaust System, checked Compression #1 80/80 #2 80/80 #3 79/80 #4 78/80 #5 79/80 #6 79/80 cleaned and Regaped spark Plugs checked AD Notes for Compliance		
			I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.		
			Dennis Hable		
			1A 2184010		
			Page Total		
			Brought Forward		
			Total to Date		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-18-16	Tach	Time 2202-0	Charged oil 8pts Phillips xpc 20w 50, Replaced oil Filter CH48103-1 ops checked OK		
			Dennis Hable ASP2184010		
7/10/17	Tach	Time 2226-5	Tsmot 494.36, Inspected Engine Installation, Inspected Exhaust System, checked Compression #1 74/80 #2 73/80 #3 73/80 #4 73/80 #5 73/80 #6 75/80, cleaned and Regaped spark Plugs, checked AD Notes for Compliance		
			I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.		
			Dennis Hable		
			1A 2184010		
			Page Total		
			Brought Forward		
			Total to Date		

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Serial No. _____

2017 Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-20-17	Tach	Time 1227.62	Replaced Air Filter P/N 1505	Dennis H. Helle	ASP 2184010
7-13-17					
9-13-17	Tach	Time 1245.7 Tsmoh - 513.56	Charged oil 7 qts Phillips X C 20W50 Replaced oil Filter ch 48103-1 ops Check. Good	Dennis H. Helle	ASP 2184010
8-15-18	Tach	Time 1262.6 Tsmoh 530.46	Inspected Engine Installation, Inspected Exhaust System Replaced Exhaust Stack Assy L/H P/N 2254012-2AWL Charged oil 7 qts Phillips 20W50, Replaced oil Filter ch 48103-1, Cleaned And Regapped Spark Plugs, Checked Compressor's 74/80 42 74/80 43 75/80 44 72/80 45 70/80 46 74/80 Replaced Air Filter P/N 1505		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

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ENGINE LOG

Serial No. _____

Date 2019	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Continued From Previous Page, Checked AD Notes For Compliance		
			I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in an airworthy condition.	Dennis H. Helle	1A2184010
10-8-19	Tach	2176.19 Tsmoh 544.05	Inspected Engine Installation Inspected Exhaust System, C/W AD Note 78-09-07 By inspection of Impulse Coupling, checked AD Notes For Compliance, Continued next Page		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date 2019	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-8-19			Continued From Previous Page		
			I certify that this <u>Engine</u>		
			has been inspected in accordance		
			with a <u>Annual</u> inspection		
			and was determined to be in		
			an airworthy condition.		
11-1-20	Tach	Time	2287.58 TSMoll - 555.44 Inspected Engine Installation		
			Inspected Exhaust System, changed oil 7 QTs Phillips 10W50		
			Replaced oil filter CH48103-1 Replaced Air Filter BA 2505		
			checked Compression #1 75/80 #2 70/80 #3 75/80 #4 72/80		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.

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ENGINE LOG

Serial No. _____

Date 2020	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-9-20	Tach		Continued From From Previous Page - 45 74/80		
			2287.58 #6 73/80, cleaned and Regaped Spark Plugs,		
			TSMoll checked AD notes for Compliance		
			I certify that this <u>Engine</u>		
			has been inspected in accordance		
			with a <u>Annual</u> inspection		
			and was determined to be in		
			an airworthy condition.		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date 2022	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5-9-22	Tach		Inspected Engine Installation, Inspected Exhaust System, Replaced Exhaust Clamp AT R/H Header And Crossover Pipe with New Clamp, Replaced Wastegate Spring with New Spring, Replaced Air Filter BA 2505		
2289.29	TsmoH		Check AD Notes For Compliance		
567.14			I certify that this Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition.		
			9-5-23 STARTED New Engine logbook		
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Dan G. H.
1A 2284012