ONE STOP AVIATION, INC.

REPAIR STATION XR3R981L
OCEANSIDE, CA 92054
Phone: (760) 721-1389

The Standard

ENGINE LOG

ASA-SE-2

The Standard Engine Log
SE-2

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Engine Record General Information

Manufacturer Lycoming **Model** O-540L3C5D

Serial L-22307-40A **Type Certificate** _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

Registered Owner Record

Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
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Name _____ Address _____
City _____ State _____ From _____ To _____

Notes

WARRANTY

All engines warranted against defect in material and workmanship to 240 hours or 12 months whichever occurs first, to include parts and labor. An additonal pro-rated warranty to TBO will be based on a minimum of 40 hours per month usage. All parts and labor to be approved by One Stop Aviation prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.

ONE STOP AVIATION, INC.
FAA Repair Station #XR3R981L
1119 S. Cleveland Street
Oceanside, CA 92054
(760) 721-1389

YEAR / 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.)
TAC	Time:	1860.8		

ENGINE CERTIFICATE FAA Repair Station XR3R981L 5/3/04

Major overhaul engine in accordance with manufacturers specification and current federal aviation regulations. All currrent airworthiness directives complied with at overhaul. Magnaflux and zyglo inspection of appropriate parts. Work Order No. 20842 on file at One Stop Aviation, Oceanside; engine reassembled, test run, and OK to return to service.

Model O-540 L3C5D Serial No. L-22307-40 A

Authorized representative [signature]

"0" SMOH H.T. 1860.8

YEAR / 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.)

Type: Lycoming O-540-L3C5D

QTY	PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION
2	SL 13884A	main bearing	2	LW 15558	c/w roller
6	18D23136	main bearing	1	CH48104	oil filter
12	SL 13521A	rod bearing	1	AN565-B1032-H5	screw
12	SL 75061	rod bolt	2	SL 76788	roller
12	SL 12186	rod nut	6	SL STD-1821	hose
1	SL 13377	gasket set	8	SL 71907A	c/w washer
6	SL 13923A	rod bushing	12	RHB37E	spark plug
6	SL 60398	r/a bushing	10	AEL 73436	pushrod assy
6	SL 74637	r/a bushing	6	SL 13445	piston pin
6	SL 69603	intake hose	1	SL 53E19600	vernatherm
1	06B23072	"O" ring oil fltr	6	TIST044.0	titan new cylinder assy
4	SL 73810	c/w bushing	12	72877	lifter regrnd
1	AN8-14A	crank gear bolt	1	LW 13908	cam regrnd
8	SL 14820	c/w clips	2	73644	cwt recond.
2	SL 13641	mag cushion	1	10-5243	carburetor ovh
1	SL 1028-B	ball	1	LW 10307	vac pump dr u/s
1	SL 68668	oil pres. spring	1	76155	tac shaft u/s

Crank Shaft P/N LW17828 S/N V962

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
21901 Skywest Drive
Hayward, CA 94541
(510)785-7666

N Number: N456BH Tach: 1860.6 TT: 1860.8 SMOH: 0

Installed engine after overhaul by One Stop Aviation Inc. all accessories overhauled at this time. Engine installed using all new engine mounts, fuel and oil hoses and scat tubing. Engine filled with 8 quarts Aeroshell 100w Ashless "breakin oil". Complied with a **100HR** inspection I/A/W Cessna service manual and FAR 43.13 "D" and determined to be Airworthy. For updated AD information see AD list dated 05/05/2004. Engine test run no leaks found at this time. Engine determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877
Date: 05/05/2004 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
21901 Skywest Drive
Hayward, CA 94541
(510)785-7666

N Number: N456BH Tach: 1912.6 TT: 1912.6 SMOH: 51.8

Complied with **100HR** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and CH48103-1 oil filter. Cleaned and gapped all plugs. Compression #1 75 #2 78 #3 75 #4 74 #5 75 #6 76. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 02/14/2005. Engine test run no leaks found and determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877
Date: 02/14/2005 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
21901 Skywest Drive
Hayward, CA 94541
(510)785-7666

N Number: N456BH Tach: 1952.6 TT: 1952.6 SMOH: 91.8

Complied with **100HR** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and CH48103-1 oil filter. Cleaned and gapped all plugs. Compression #1 74 #2 78 #3 76 #4 74 #5 75 #6 76. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 10/26/2006. Engine test run no leaks found and determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877
Date: 10/26/2006 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 1959.0 TT: 1959.0 SMOH: 98.2

Complied with **100HR** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and CH48103-1 oil filter. Cleaned and gapped all plugs. Compression #1 72 #2 78 #3 78 #4 72 #5 71 #6 76. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 09/28/2007. Engine test run no leaks found and determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877
Date: 09/28/2007 X

YEAR / 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.)

SkyView Aviation →

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 1983.3 TT: 1983.3 SMOH: 122.5

Complied with **100HR** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and CH48103-1 oil filter. Cleaned and gapped all plugs. Compression #1 76 #2 79 #3 74 #4 72 #5 72 #6 74. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 03/02/2009. Engine test run no leaks found and determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877
Date: 03/02/2009 X

YEAR / 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.)

SkyView Aviation → Engine

SkyView Aviation, LLC
5749 S Tracy blvd
Tracy, CA 95377
(209)830-7666

N Number:N456BH Tach:2082.8 S/N:L-223007-40A TSOH:222.0

* Complied with **Annual** Inspection in accordance with Cessna TR182 service manual and to the scope and detail of FAR 43 appendix D.

Engine compressions as follows: #1 78/80 #2 78/80 #3 76/80 #4 72/80 #5 78/80 #6 74/80

1. Drained engine oil and removed filter. Inspected filter for particles. None found at this time. Serviced engine with 8 quarts of Aeroshell 15-w50 and Champion oil filter CH48103-1.
2. Replaced spark plug in bottom #4 cylinder with new Champion RHB37E
3. Lubed turbo charger waste gates with mouse milk.
4. Re sealed outer edge of crankshaft seal with 1300L contact cement.

All Ad's current up to 2008-26-10. See current AD listing Dated 6/15/2010

I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition on 06/15/2010.

Richard Ortenheim A&P 2517877IA
Date: 06/15/2010 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 2130.8 TT: 2130.8 SMOH: 270

Complied with **Annual** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs. Compression #1 74 #2 78 #3 75 #4 71 #5 72 #6 75. Checked timing. Installed new airfilter BA-2505.Removed carburator for overhaul by Western Skyvays re-installed P/N 10-5243C Ser# DF1858. For updated AD information see AD list dated 09/05/2011. Engine test run no leaks found and determined to be airworthy.

----------END----------

Richard Ortenheim A&P 2517877 IA
Date: 09/05/2011 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 2136.9 TT: 2136.9 SMOH: 276.1

Installed overhauled vacuum Pump by Rapco, Inc. P/N 211CC Ser# 145049.

----------END----------

Richard Ortenheim A&P 2517877
Date: 10/15/2011 X

SEE OUT OF ORDER ENTRY DATED 2/22/2012, 5 pages OVER →

YEAR / 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.)
				SkyView Aviation → SkyView Aviation, LLC 5749 South Tracy Blvd Tracy CA, 95377 (209)830-7666 N Number: N456BH Tach: 2190.3 TT: 2190.3 SMOH: 329.5 Complied with **Annual** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs. Compression #1 78 #2 78 #3 78 #4 74 #5 78 #6 78. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 11/11/2012. Engine test run no leaks found and determined to be airworthy. ----------END---------- Richard Ortenheim A&P 2517877 IA Date: 11/11/2012 X

YEAR / 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.)
				SkyView Aviation → SkyView Aviation, LLC 5749 South Tracy Blvd Tracy CA, 95377 (209)830-7666 N Number: N456BH Tach: 2245.4 TT: 2245.4 SMOH: 384.6 Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs. Removed Turbo for overhaul. Re-installed Turbo after overhaul by Kelly Aerospace P/N 465292-9002 Ser# WL-L0110. Engine test run no leaks found and determined to be airworthy. ----------END---------- Richard Ortenheim A&P 2517877 Date: 08/08/2013 X

YEAR / 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.)
				SkyView Aviation SkyView Aviation, LLC 5749 South Tracy Blvd Tracy CA, 95377 (209)830-7666 N Number: N456BH Tach: 2261.0 TT: 2261.0 SMOH: 400.2 Complied with **Annual** inspection in accordance with Cessna Service Manual and FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs. Compression #1 72 #2 71 #3 72 #4 71 #5 72 #6 75. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 02/21/2014. Engine test run no leaks found and determined to be airworthy and returned to service. ----------END---------- Richard Ortenheim A&P 2517877 IA Date: 02/21/2014 X

YEAR / 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.)
				SkyView Aviation SkyView Aviation, LLC 5749 South Tracy Blvd Tracy CA, 95377 (209)830-7666 N Number: N456BH Tach: 2311.1 TT: 2311.1 SMOH: 450.3 Complied with **Annual** inspection in accordance with FAR 43 app 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs, re-installed with new M674 sparkplug gaskets. Compression #1 76 #2 77 #3 76 #4 68 #5 77 #6 76. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 03/08/2015. Engine test run no leaks found and determined to be airworthy and returned to service. ----------END---------- Richard Ortenheim A&P 2517877 IA Date: 03/08/2015 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 2332.9 TT: 2332.9 SMOH: 472.1

Complied with **Annual** inspection in accordance with CFR 43 appendix 'D'. Changed oil & oil filter, installed 8 quarts of Aeroshell 15w50 and AA48103-2 oil filter. Cleaned and gapped all plugs, re-installed with new M674 sparkplug gaskets. Compression #1 74/80 #2 75/80 #3 75/80 #4 68/80 #5 76/80 #6 75/80. Checked timing. Installed new airfilter BA-2505. For updated AD information see AD list dated 12/12/2018 and old aircraft records. Engine test run no leaks found at this time. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Richard Ortenheim A&P 2517877 IA
Date: 12/12/2018 X

YEAR / 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.)

SkyView Aviation

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

N Number: N456BH Tach: 2149.2 TT: 2149.2 SMOH: 288.4

Complied with AD2004-10-14C as per MSB475C step 1 through 5 installed new crankshaft retaining bolt and lock plate final torque value 660 in.- lbs. engine test run and no leaks found at this time.

----------END----------

Richard Ortenheim A&P 2517877 IA
Date: 02/22/2012 X

YEAR / 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 Numbe Technician or Repair Facility. (*See* back pages for other specific entr

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

ENGINE ENTRY

WORK ORDER: **3400** AIRCRAFT: **N456BH** TACH: **2339.0** TSOH: **478.2** TTE: **2339.0**

MODEL: **Lycoming O-540-L3C5D** S/N: **L-22307-40A** DATE **12/21/2021**

Drained oil. Removed and replaced oil filter with new (P/N: AA48103-2). Examined old oil filter element, no contaminants found. Serviced engine with 8 quarts Phillips 20W50 Anti-Rust oil. Removed upper spark plugs and misted cylinders with oil. Pre-oiled engine and reinstalled spark plugs with new gaskets (P/N: M674). Performed ground run-up. Compression results: #1: 70/80, #2: 70/80, #3: 68/80, #4. 25/80, #5: 69/80, #6: 72/80. Drained oil. Removed and replaced oil filter with new (P/N: AA48109). Examined old oil filter element, no contaminants found. Engine was not serviced with oil at this time Cleaned, gapped and tested spark plugs. Replaced 2 spark plugs with new (2EA P/N: URHB37E). Spark plugs were not reinstalled at this time. Engine was not ground run, leak checked, or operationally tested. Researched AD's through FAA AD biweekly 2021-26. All work completed in accordance with the Cessna R182 and Lycoming Service Manuals. –END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an unairworthy condition. A list of un-airworthy items dated 12/21/2021 has been provided for the aircraft owner.

Brandon Thompson A&P / IA 3212565

Savage Aviation, LLC 21593 Skywest DR Hayward CA 94541

Date 06/12/2023

Engine

N456BH Make: Lycoming Model: O540-L3C5D S/N: L-22307-40A
Tach: 2339.0 SMOH:478.2

Engine 100 Hour/Annual inspection performed in accordance with scope and detail of Part 43.13 appendix D. Preformed hot engine compression test with the following results, #1.72/80 #2.70/80 #3.70/80 #4.76/80 #5.70/80 #6.72/80 Oil drained oil filter was not replaced at this time less than .1 Tach since last change. installed new oil Serviced engine with 10QT Aeroshell w100 oil and 1-pint Avblend. Found low compression on #4 cylinder due to burned exhaust valve, removed cylinder and replaced intake valve, exhaust valve guide and valve with new P/N SL73938, SL19001A, SL74230a, assembled using new retainers P/N SL60009, 17C21191. Reinstalled cylinder using new gaskets. Removed and replaced the following component's with new, oil and fuel hoses with newly fabricated units by A.E.R.O hose shop, exhaust cross over pipe P/N 2254008-4 , exhaust heat exchanger P/N 2254015-1 , exhaust V band clamp P/N 24540-200 X1, exhaust gaskets P/N 77611 x6, clamp P/N 1250860-29 X2, exhaust bracket heim joints P/N S2049-4FG, S2049-4LFG, crank shaft nose seal P/N LW-13752. Removed and reinstalled magneto for inspection, performed 500-hour inspection on magneto in accordance with X42003-3 sect on 5-2.3. removed propeller governor for overhaul by aircraft accessories of Oklahoma W.O 54896 reinstalled using new gasket and checked rigging. Ground operations check performed, and no abnormalities noted at this time. Verified AD compliance on this date. C/W AD 2005-12-06 (impulse coupling) complied with by inspection IAW MSB645 next due Tach 2839.0

I Certify that this Engine has been inspected in accordance with FAR 43 Appendix D (100 Hour) inspection and is in an airworthy condition at this time.

Daniel Umanzor AP3776498IA