

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N 8353T

Engine Manufacturer Lycoming

Model O-540-J3A5D

Serial No. L-22637-40E

Date installed on aircraft 1-16-2007

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |



(All applicable information must be filled in)

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FAX _____

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ENGINE MODEL:
ENGINE S/N:
REG. NO: N8353T
WORK ORDER:
4684-02-2014

Magnum Aviation

San Martin, CA 95046
Phone: [REDACTED]

DATE: 3/22/2014
A/C TSN: 5062.77
ENG TT: 7.38
TACH: 5062.77

Page N

Engine Entries

DA (2) Engine run-up performed, oil drained and serviced w/ 11 qts Aeroshell 100 plus, R & R CH48103-1 and torqued to 16 ft. lbs. and safety wired, old filter opened, no contaminants found, removed oil screen and cleaned, re-installed with new gasket p/n MS35769-21 and safety wired, COMPRESSIONS: 1=72, 2=74, 3=76, 4=74, 5=74, 6=76, removed, cleaned, gapped, tested and installed all plugs, torqued to 30 ft. lbs. re-tightened all intake boots, Adjusted Idle mixture and RPM to 650, Mag timing adjusted... (5) Rocker cover screws loose, re-torqued, replaced mag harness clamps with p/n 5140-1 and p/n 5137... (6) Replaced cyl # 1 outboard defective oil return line hose clamp p/n 6204006 and re-torqued remaining oil return line hose clamps... (7) secured fuel hoses at carburetor... (36) C/W AD 95-26-13 visual of oil hoses and fire sleeve, next due @ 5162.19 tack hrs.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

DATE: 3/22/2014

SIGNED: [REDACTED]

Lupe Gonzales

Work Order: 4684-02-2014

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**PERFORMED -
PERSON PERFORMING WORK**

e

ENGINE MODEL:
O-540-J3A5D
ENGINE S/N: L-22637-40E
REG. NO: N8353T
WORK ORDER:
4989-04-2015

Magnum Aviation

San Martin, CA 95046
Phone: [REDACTED]

DATE: 5/1/2015
A/C TSN: 5138
ENG TT: 7032.65
TSMOH: 1035.19
FLIGHTTIME: 5138

Engine Entries

(2) Drained oil, replaced oil filter CH48103-1, inspected removed oil filter and suction screen -ok-, replenished oil with Aeroshell 15W50, Checked mag timing -ok-, Comp check #1-75/80, #2-78/80, #3-75/80, #4-76/80, #5-76/80, #6-75/80, adjusted idle RPM and Idle cut-off for proper rise... (10) Propeller removed, Replaced damaged starter ring gear with new p/n72566, propeller installed with new Oring. replaced one (1) spring pin p/n B3842-0750 on prop. bolt and safety wired with .041.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per FAR 43 App. D and was determined to be in airworthy condition.

DATE: 5/1/2015

SIGNED: [REDACTED]

Steve Lamb JR.

Work Order: 4989-04-2015

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ENGINE MODEL:
O-540-J3A5D
ENGINE S/N: L-22637-40E
REG. NO: N8353T
WORK ORDER:
5154-10-2015

Magnum Aviation

San Martin, CA 95046
Phone: [REDACTED]

DATE: 11/6/2015
A/C TSN: 5309.11
ENG TT: 7133.25
TSMOH: 1135.79
FLIGHTTIME: 5238.6

Engine Entries

(2) Compression check #1-78/80, #2-78/80, #3-77/80, #4-78/80, #5-78/80, #6-76/80. Changed oil with 12 Qts. Aeroshell 15W50, changed and inspected filter AA48103-2 inspected suction screen and fuel screen at carb, -ok-, drained carb bowl, replaced air filter element BA-2905... (5) adjusted mag timing as needed

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per FAR 43 App. D and was determined to be in airworthy condition.

DATE: 11/6/2015

SIGNED: [REDACTED]

Harry Marder

Work Order: 5154-10-2015

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ENGINE MODEL:
O-540-J3A5D
ENGINE S/N: L-22637-40E
REG. NO: N8353T
WORK ORDER:
5492-02-2017

Magnum Aviation

San Martin, CA 95046
Phone: [REDACTED]

DATE: 7/18/2017
A/C TSN: 5277.43
ENG TT: 7172.08
TSMOH: 1174.62
TACH: 5277.43

Engine Entries

(4) Changed oil with 12 qts. Aeroshell 100W50Plus and filter CH48109-1. Inspected oil filter, no contaminants found. ops and leak checks -ok- Checked mag timing, cleaned, gapped, and tested spark plugs, checked fuel screens and drained carb bowl. Comp check #1-78/80, #2-78/80, #3-77/80, #4-78/80, #5-78/80, #6-76/80... (8) repaired leaking intake pipes #1, 3, & 5 with new gaskets. leak check -ok-... (10) replaced ring gear with new 72566.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per FAR 43 App. D and was determined to be in airworthy condition.

DATE: 7/18/2017

SIGNED: [REDACTED]

Steve Lamb JR.

Work Order: 5492-02-2017

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SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	T SE	ENGINE MODEL: O-540-J3A5D ENGINE S/N: L-22637-40E REG. NO: N8353T WORK ORDER: 5588-07-2017	Magnum Aviation San Martin, CA 95046 Phone: [REDACTED]	DATE: 8/5/2017 A/C TSN: 5290.77 ENG TT: 7185.42 TSMOH: 1187.96 TACH: 5290.77
		Engine Entries (1) Changed oil with 12 qts Aeroshell 100W50 plus and 2 pints AvBlend, changed oil filter with CH48103-1. Inspected removed filter and suction screen, no contaminants found. Removed, cleaned and reinstalled spark plugs. Ops and leak checks -ok- This aircraft is returned to service for work performed. [REDACTED]		
		DATE: 8/5/2017	SIGNED: [REDACTED] Steve Lamb JR, A&P	Work Order: 5588-07-2017 Printed by EBis 3 (datcomedia.com)
		ENGINE MODEL: O-540-J3A5D ENGINE S/N: L-22637-40E REG. NO: N8353T WORK ORDER: 5638-10-2017		
		Magnum Aviation San Martin, CA 95046 Phone: [REDACTED]		
		DATE: 10/4/2017 A/C TSN: 5334.33 ENG TT: 7228.98 TSMOH: 1231.52 TACH: 5334.33		
		Engine Entries (1) Performed 50 hour inspection IAW Piper service manual. Drained oil and refilled with 12 qts Shell 100Wplus. Removed oil filter and cut open for inspection, no abnormalities noted. Installed new CH48103-1 filter. Washed down engine and checked for leaks. This aircraft is returned to service for work performed. [REDACTED]		
		DATE: 10/4/2017	SIGNED: [REDACTED] Logan Vidmar, A&P	Work Order: 5638-10-2017 Printed by EBis 3 (datcomedia.com)
		ENGINE MODEL: O-540-J3A5D ENGINE S/N: L-22637-40E REG. NO: N8353T WORK ORDER: 5710-12-2017		
		Magnum Aviation San Martin, CA 95046 Phone: [REDACTED]		
		DATE: 1/26/2018 A/C TSN: 5377.26 ENG TT: 7271.91 TSMOH: 1274.45 TACH: 5377.26		
		Engine Entries (2) Compression check #1-78/80, #2-77/80, #3-77/80, #4-77/80, #5-78/80, #6-76/80. Changed oil with 12 Qts. Aeroshell 100WPlus, changed and inspected filter CH48103-1 inspected suction screen and fuel screen at carb, -ok-. Washed down engine and checked for leaks.... (12) Removed propeller and installed a new alternator belt pn: 73965-015. Reinstalled prop.... (15) Adjusted magneto timing to 25 deg. I certify that this ENGINE has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition. [REDACTED]		
		DATE: 1/26/2018	SIGNED: [REDACTED] Steve Lamb JR, A&P	Work Order: 5710-12-2017 Printed by EBis 3 (datcomedia.com)
		ENGINE MODEL: O-540-J3A5D ENGINE S/N: L-22637-40E REG. NO: N8353T WORK ORDER: 5815-04-2018		
		Magnum Aviation San Martin, CA 95046 Phone: [REDACTED]		
		DATE: 4/27/2018 A/C TSN: 5436.08 ENG TT: 7330.73 TSMOH: 1333.27 TACH: 5436.08		
		Engine Entries (1) Performed 50 hour inspection IAW Piper service manual. Drained oil and refilled with 12 qts Shell 100Wplus. Removed oil filter and cut open for inspection, no abnormalities noted. Installed new CH48103-1 filter. Washed down engine and checked for leaks.		
		DATE: 4/27/2018	SIGNED: [REDACTED] Harry Marnder, A&P	Work Order: 5815-04-2018 Printed by EBis 3 (datcomedia.com)
		SUB-TOTALS this page		
		TOTALS -Carry forward to next page		

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				ENGINE MODEL: Magnum Aviation 0-540-J3A5D ENGINE S/N: L-22637-40E REG. NO: N8353T WORK ORDER: 5848-06-2018 DATE: 7/16/2018 A/C TSN: 5483.9 ENG TT: 7378.55 TSMOH: 1381.09 TACH: 5483.9 Engine Entries (2) Compression check #1-74/80, #2-71/80, #3-74/80, #4-71/80, #5-74/80, #6-70/80. Changed oil with 12 Qts. Aeroshell 100WPlus, changed and inspected filter CH48103-1 inspected suction screen and fuel screen at carb, -ok-. Washed down engine and checked for leaks.... (11) A.D. 2017-16-11 - To prevent connecting rod failure which could result in uncontained engine failure, total engine power loss - N/A - By SN and no parts replaced I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per FAR 43 App. D and was determined to be in airworthy condition. DATE: 7/16/2018 SIGNED: [Signature] Work Order: 5848-06-2018 Steve Lam [Signature] for Magnum Aviation Inc. Printed by EBis 3 (datcomedia.com)
				Date: 02/01/2019 NorCal Aviation Services Model: 0-540-J3A5D Tach: 5561.78 [Redacted] S/N: L-22637-40E TTE: 7456.43 San Jose CA 95148 SMOH: 1458.07 Performed differential compression test: #1) 72/80, #2) 72/80, #3) 73/80, #4) 776/80, #5) 72/80, #6) 72/80. Changed oil and filter, serviced with 11 qts Aeroshell 15w50. Cut oil filter open, contaminants found to be satisfactory. Cleaned, gapped and rotated spark plugs. Replaced 1 spark plug. Replaced intake air filter. Serviced oil finger screen. Checked magneto timing & adjusted to 23 degrees. Starter lubricated with silicone. Replaced drainback tube for cylinder #2. I certify this engine was inspected in accordance with a 100 hr inspection and was determined to be in airworthy [Redacted Signature] A&P [Redacted]
				Date: 6/14/19 San Martin Aviation Corp. Model: 0-540-J3A5D Tach: 5611.36 [Redacted] S/N: L-22637-40E San Martin, CA 95046 SMOH: 1507.65 Changed oil and filter. Cut oil filter open, contaminants found to be satisfactory. Checked oil screen. Repaired broken primer line on #1 cylinder. Collected an oil sample for an oil analysis program. Aircraft okay for return to service. [Redacted Signature] A&P [Redacted]
				Date: 08/02/19 NorCal Aviation Services Model: 0-540-J3A5D Tach: 5637.01 [Redacted] S/N: L-22637-40E TTE: 7531.66 San Jose CA 95148 SMOH: 1534.2 Performed differential compression test: #1) 74/80, #2) 76/80, #3) 72/80, #4) 74/80, #5) 75/80, #6) 75/80. Changed oil and filter, serviced with 11 qts Aeroshell 100w. Cut oil filter open, contaminants found to be satisfactory. Checked oil screen. Cleaned, gapped and rotated spark plugs. Replaced 3 spark plugs. Replaced intake air filter. CW AD 05-12-06 by measuring impulse coupling flyweights. "X" dimension is .042#. Reinstalled magneto and set timing to 23 degrees. Starter lubricated with silicone. I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in [Redacted Signature] A&P [Redacted]