



N222HP

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION R18201881

ENGINE MODEL AND SERIAL O-540-T3C5D / RL-22856-40E

as

© 1993

SERVICEABLE PART

Manufacturer LYCOMING ENGINES
 Part Name AIRCRAFT ENGINE
 Model No. O-540-J3C5D
 Serial No. RL - 22856-40E
 Remarks _____

The aircraft engine or accessory identified above was:
Rebuild

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the work performed MF ga file gt
Lycoming Engines under order no: _____

Date 1-27-09
Signed [Signature]

Signature of Authorized Person

FOR:

LYCOMING

A Tenneco Company
 657 Oliver Street
 Williamsport, PA 17701 USA
 Production Certificate #3

Form 302A (3/04-LM)

This re
Regula
NOTE

DATE 9	TOTAL TIME IN SERVICE	
	HOURS	10ths

LYCOMING
A Textron Company
652 Oliver Street
Williamsport, PA. 17701 U.S.A.

LYCOMING
A Textron Company
652 Oliver Street
Williamsport, PA 17701 U.S.A.

FINAL ENGINE ACCEPTANCE

Eng. Serial No. RL-22856-40E

Inspector 191

Date 1-27-09

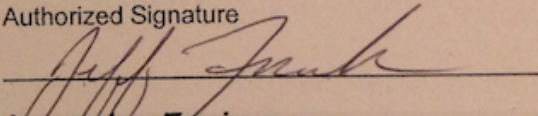
Form 245 (5-02)

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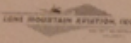
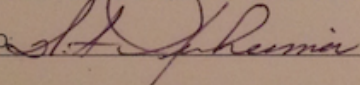
-LM)

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-540-J3C5D**
 Serial #: **RL-22856-40E**
 Total Time: **0.0**
 Work Order #: **MT359629**
 Date Completed: 1-27-09

Authorized Signature

Lycoming Engines
 652 Oliver Street
 Williamsport, PA. 17701
 Production Certificate # 3

MAINTENANCE RECORD

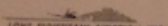
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19____			<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: O-540-J3C5D ENGINE S/N: RL-22856-40E REG. NO. N222HP WORK ORDER: 3989-11-2008</p> </div> <div style="width: 30%; text-align: center;">  <p>Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 2/26/2009 A/C TSN: 10739 6 ENG TT: 0 TACH: 999.4</p> </div> </div> <p>Engine Entries</p> <p>Removed engine O-540-J3C5D, S/N L-19849-40A due to overhaul. Installed factory remanufactured engine O-540-J3C5D, S/N RL-22856-40E, T/T 0.0 with existing and Lycoming supplied accessories. Installation accomplished IAW Lycoming Service Instructions, Lycoming installation procedures and Cessna R182 Maint. Manual. Engine operationally checked and leak checked satisfactory during ground operations.</p> <p>Installed following O-time components: Carburetor P/N LW-15960-85, S/N VC078201. Dual Magnetq P/N 66E21576, S/N G08DA010. Fuel Pump P/N LW-15472 S/N 4508. New ignition harness and spark plugs. Reinstalled existing starter.</p> <p>NOTE: Crankshaft Match No. K0088, S/N V537954761. All engine controls were inspected and determined to be in serviceable condition. Inspected exhaust system components and were found to be in serviceable condition. Installed 6 new fuel and oil hoses. Complied with Lycoming SI 1014 Lubricating Oil Recommendations. Complied with Lycoming SI 1080C Maintenance Items for Special Attention. During periodic inspection of the engine. Complied with Lycoming SI 1094D Fuel Mixture Leaning Procedures. Complied with Lycoming SI 1427B Engine Break-In and Oil Consumption Limits. Complied Lycoming SI 1472 Removal of Preservation Oil from Engine. AD 99-04-04 Magneto Impulse Coupling not required at this time due to new magneto. AD 05-12-06 Riveted or Snap-Ring Impulse Couplings not required at this time due to new magneto. AD 08-19-05 Engine Components N/A by engine model and serial number. This engine was inspected IAW Cessna Progressive Care No. 1 Inspection.</p> <p>The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.</p>	
			<p>DATE: 2/26/2009</p> <p>SIGNED: </p> <p style="text-align: right;">Work Order: 3989-11-2008 Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

MAINTENANCE RECORD

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IN
HOUF

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4315-03-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 3/16/2009
A/C TSN: 10750.1
ENG TT: 10.5
TSMOH: 10.5
TACH: 1009.9

Engine Entries

Adjusted idle mixture in accordance with Cessna R182 MM, par. 11-46.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

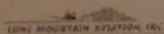
DATE: 3/16/2009

SIGNED:

Work Order: 4315-03-2009

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ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4274-03-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 3/20/2009
A/C TSN: 10771.3
ENG TT: 31.7
TSMOH: 31.7
TACH: 1031.1

Engine Entries

Drained oil and serviced engine with 8 qts. of Aeroshell 100 Mineral oil and CH48103-1 oil filter. Collected oil sample for analysis. Engine run-up and leak check satisfactory.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 3/20/2009

SIGNED:

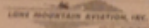
Work Order: 4274-03-2009

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

DATE
TOTAL
IN SE
HOURS

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4392-04-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 4/8/2009
A/C TSN: 10790.6
ENG TT: 51
TSMOH: 51
TACH: 1050.4

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CERTIFIC
& NI

Engine Entries

Serviced engine with 8 qts. Aeroshell W100 PLUS and new CH48103-1 oil filter. Run-up and leak check satisfactory... Collected oil sample for analysis... Replaced leaking crush gasket under accessory case plug. Leak checked good... Complied with Cessna Progressive Care Inspection #2 Operation.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 4/8/2009

SIGNED:

Work Order: 4392-04-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4456-05-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/21/2009
A/C TSN: 10837.3
ENG TT: 97.7
TSMOH: 97.7
TACH: 1097.1

Engine Entries

Complied with Cessna Progressive Care Inspection #3... Engine compression 1) 78, 2) 78, 3) 77, 4) 78, 5) 77, 6) 76/80... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts AS W100 Plus. Engine run and leak check good... Oil sample taken.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 5/21/2009

SIGNED:

Work Order: 4456-05-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

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ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4576-06-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/27/2009
A/C TSN: 10881.6
ENG TT: 142
TSMOH: 142
TACH: 1141.4

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Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts AeroShell W100 Plus. Engine run and leak check good... Oil sample taken... Resafted IAW Standard Practices... Complied with Operation #4 Cessna Progressive Care program.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 6/27/2009

SIGNED:

Work Order: 4576-06-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
4703-08-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 8/14/2009
A/C TSN: 10932
ENG TT: 192.4
TSMOH: 192.4
TACH: 1191.8

Engine Entries

Serviced engine with 7 qts. Aeroshell W100 PLUS and CH48103-1 oil filter.... Collected oil sample for analysis.... Performed compression check results are as follows #1-74/80, #2-78/80, #3-77/80, #4-78/80, #5-76/80, #6-76/80.... I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 1 Inspection and is approved for return to service.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/14/2009

SIGNED:

Work Order: 4703-08-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N
RL-22856-40E
REG. NO. N222HP
WORK ORDER:
4812-09-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/28/2009
A/C TSN: 10978
ENG TT: 238.4
TSMOH: 238.4
TACH: 1237.8

TOTAL T
IN SERV

HOURS

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 2 Inspection and is approved for return to service.... Serviced engine with 8 qts. Aeroshell W100PLUS and CH48103-1 Oil Filter.... Collected oil sample for analysis.... Tightened clamps on cylinders #3 and #5 oil return hoses. Leak checked good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 9/28/2009

SIGNED:

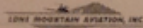
Work Order: 4812-09-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

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ORIZED SIGNATURE,
ERTIFICATE TYPE
& NUMBER

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N
RL-22856-40E
REG. NO. N222HP
WORK ORDER:
4947-11-2009



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 11/24/2009
A/C TSN: 11029.6
ENG TT: 290
TSMOH: 290
TACH: 1289.4

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 3 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts AS W100 Plus. Engine run and leak check good.... Oil sample taken.... Installed cable lanyard on oil filler cap.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 11/24/2009

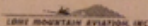
SIGNED:

Work Order: 4947-11-2009

Bill Dexheimer
Certified Repair Station No. L9OR473Y

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ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5077-01-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 1/8/2010
A/C TSN: 11074.2
ENG TT: 334.6
TSMOH: 334.6
TACH: 1334

HORIZONTAL SIGNATURE
CERTIFICATE TITLE
& NUMBER

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 4 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts AS W100+. Engine run and leak check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 1/8/2010

SIGNED

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 5077-01-2010

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5167-02-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 2/19/2010
A/C TSN: 11120.3
ENG TT: 380.7
TSMOH: 380.7
TACH: 1380.1

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 1 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts of Aeroshell W100 plus. Engine run and leak check good.... Complied with oil sample.... Removed and replaced #1 intake gasket.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 2/19/2010

SIGNED

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 5167-02-2010

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5355-04-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/3/2010
A/C TSN: 11239.7
ENG TT: 500.1
TSMOH: 500.1
TACH: 1499.5

Engine Entries

Lower plugs leaded up. Removed lead from plugs. Cleaned, adjusted gaps and tested all spark plugs. Tested all plug leads. Re-installed plugs and performed post run-up. Ops check good. Mag drops 100 rpm left and right.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 5/3/2010

SIGNED:

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 5355-04-2010

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5406-05-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/26/2010
A/C TSN: 11267.2
ENG TT: 527.6
TSMOH: 527.6
TACH: 1527

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 4 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 Qts Aeroshell W 100 Plus. Engine run and leak check good.... Oil sample taken.... Removed plugs. Cleaned and tested all lower plugs. Re-installed and torqued to specifications.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.


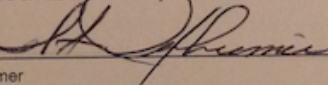
DATE: 5/26/2010

SIGNED:

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 5406-05-2010

Printed by EBis 3 (datcomedia.com)

TOTAL IN SER	ENGINE MODEL: O-540-J3C5D ENGINE S/N: RL-22856-40E REG. NO. N222HP WORK ORDER: 5522-07-2010		Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 7/9/2010 A/C TSN: 11315.1 ENG TT: 575.5 TSMOH: 575.5 TACH: 1574.9	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
HOURS	Engine Entries I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 1 Inspection and is approved for return to service.... Removed magneto from engine and performed 500 hour inspection in accordance with TCM D-3000 Series Service Support Manual. Reinstalled on engine and timed to engine. Operational check satisfactory.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.... Engine compression, 1) 78, 2) 76, 3) 79, 4) 78, 5) 68, 6) 55/80.... Replaced 12 spark plugs with new RHM38E plugs. Torqued to specifications IAW Cessna 182 MM. Ground run operational check satisfactory.				
	The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.				
	DATE: 7/9/2010	SIGNED:  Bill Dexheimer Certified Repair Station No. L9OR473Y	Work Order: 5522-07-2010 Printed by EBis 3 (datcomedia.com)		

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ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5553-07-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 8/31/2010
A/C TSN: 11368.4
ENG TT: 628.8
TSMOH: 628.8
TACH: 1628.2

IZED SIGNAT
IFICATE TYP
NUMBER

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 2 Inspection and is approved for return to service.... Serviced engine with 8 qts. Aeroshell W100 PLUS and new CH48103-1 oil filter. Run-up and leak check satisfactory.... Collected oil sample for analysis.... Compressions on #5) 77/80, #6) 79/80

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/31/2010

SIGNED:

Work Order: 5553-07-2010

Bill Dexheimer
Certified Repair Station No. L9OR473Y

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ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
5655-08-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 10/5/2010
A/C TSN: 11413.5
ENG TT: 673.9
TSMOH: 673.9
TACH: 1673.3

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 3 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100Plus. Engine run and leak check good.... Oil sample taken.... Removed right heater muffler P/N: K156020-1, S/N: 138516 and installed new heater muffler P/N: K156020-1, S/N: 194875.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 10/5/2010


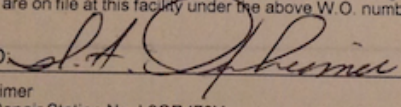
SIGNED:

Work Order: 5655-08-2010

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

E	TOTAL IN S	ENGINE MODEL: O-540-J3C5D	 Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 11/9/2010	AUTHORIZED SIGN CERTIFICATE T & NUMBER
	HOUR:	ENGINE S/N: RL-22856-40E REG. NO: N222HP WORK ORDER: 5745-10-2010		A/C TSN: 11462.9 ENG TT: 723.3 TSMOH: 723.3 TACH: 1722.7	
Engine Entries					
I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 4 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.					
The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.					
DATE: 11/9/2010		SIGNED: 		Work Order: 5745-10-2010	
		Bill Dexheimer Certified Repair Station No. L9OR473Y		Printed by EBis 3 (datcomedia.com)	

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG NO: N222HP
WORK ORDER:
5814-11-2010



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 1/21/2011
A/C TSN: 11511.6
ENG TT: 772
TSMOH: 772
TACH: 1771.4

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Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 1 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 1/21/2011

SIGNED:

Work Order: 5814-11-2010

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG NO: N222HP
WORK ORDER:
5982-02-2011



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 2/28/2011
A/C TSN: 11557.6
ENG TT: 818
TSMOH: 818
TACH: 1817.4

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 2 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.... Tightened all clamps on rocker drain back tubes. Leak checked good.... Re-routed ignition harness to prevent damage and installed new grommet in engine baffle to prevent chafing from engine baffle.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 2/28/2011

SIGNED:


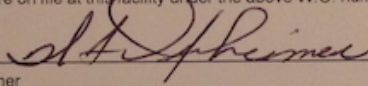
Work Order: 5982-02-2011

Bill Dexheimer
Certified Repair Station No. L9OR473Y


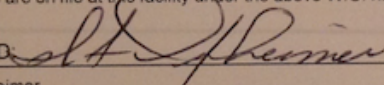
Printed by EBis 3 (datcomedia.com)

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MAINTENANCE RECORD

DATE	TO IN	ENGINE MODEL: O-540-J3C5D ENGINE S/N: RL-22856-40E REG. NO: N222HP WORK ORDER: 6031-02-2011		Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 3/2/2011 A/C TSN: 11563 5 ENG TT: 823.9 TSMOH: 823.9 TACH: 1823.3	AUTHORIZED CERTIFIC & NU	
19	HOI						
		Engine Entries Replaced vacuum pump with new pump P/N RA215CC, S/N A40518 IAW Cessna R182 MM. Ops checked satisfactory.					
		The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.					
		DATE: 3/2/2011	SIGNED: 		Work Order: 6031-02-2011		
			Bill Dexheimer Certified Repair Station No. L9OR473Y		Printed by EBis 3 (datcomedia.com)		

MAINTENANCE RECORD

TE	TOTAL IN SER			AUTHORIZED SIGNATURE CERTIFICATE & NUMBER
	HOURS	ENGINE MODEL: O-540-J3C5D ENGINE S/N: RL-22856-40E REG. NO. N222HP WORK ORDER: 6201-05-2011	 Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 6/3/2011 A/C TSN: 11655.4 ENG TT: 915.8 TSMOH: 915.8 TACH: 1915.2
		<p>Engine Entries</p> <p>I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 4 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.</p> <p>The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.</p>		
		DATE: 6/3/2011	SIGNED:  Bill Dexheimer Certified Repair Station No. L9OR473Y	Work Order: 6201-05-2011 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6253-06-2011



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 7/1/2011
A/C TSN: 11707.6
ENG TT: 968
TSMOH: 968
TACH: 1967.4

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Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 1 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.... Oil sample taken.... Engine compressions, 1) 78, 2) 78, 3) 77, 4) 79, 5) 78, 6) 76/80.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 7/1/2011

SIGNED:

Work Order: 6253-06-2011

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6267-07-2011



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 8/9/2011
A/C TSN: 11756.5
ENG TT: 1016.9
TSMOH: 1016.9
TACH: 2016.3

Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 2 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

MAINTENANCE RECORD

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6331-08-2011



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/15/2011
A/C TSN: 11801.1
ENG TT: 1061.5
TSMOH: 1061.5
TACH: 2060.9

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Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 3 Inspection and is approved for return to service.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS w100+. Engine run and leak check good.... Oil sample taken.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 9/15/2011

SIGNED *[Signature]*
Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 6331-08-2011

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6331-08-2011



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/29/2011
A/C TSN: 11820
ENG TT: 1080.4
TSMOH: 1080.4
TACH: 2079.8

Engine Entries

Removed magneto and performed 500 hour inspection. Replaced points and condensers in accordance with TCM Ignition Systems Master Service Manual X4000. Reinstalled magneto, timed to engine and performed ground run, ops and leak check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 9/29/2011

SIGNED *[Signature]*
Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 6331-08-2011

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

TOTAL
IN SER

HOURS

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6513-10-2011



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 11/8/2011
A/C TSN: 11871.7
ENG TT: 1132.1
TSMOH: 1132.1
TACH: 2131.5

Engine Entries

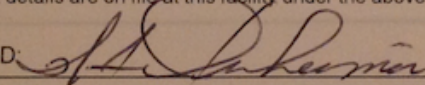
I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 4 Inspection and is approved for return to service.

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS 15W50. Engine run and leak check good. Oil sample taken.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 11/8/2011

SIGNED:


Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 6513-10-2011

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6618-12-2011



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 1/27/2012
A/C TSN: 11944 2
ENG TT: 1204.6
TSMOH: 1204.6
TACH: 2204

TOTAL
IN SER

HOURS

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Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 2 Inspection and is approved for return to service.
Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS 15W50. Engine run and leak check good.
Oil sample taken.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 1/27/2012

SIGNED:

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 6618-12-2011

Printed by EBis 3 (datcomedia.com)

DATE
19__

ENGINE MODEL:
O-540-J3C5D
ENGINE S/N:
RL-22856-40E
REG. NO: N222HP
WORK ORDER:
6863-04-2012



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/11/2012
A/C TSN: 11995.1
ENG TT: 1255.5
TSMOH: 1255.5
TACH: 2254.9

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Engine Entries

I certify that this engine has been inspected in accordance with a Cessna Progressive Care Operation No. 3 Inspection and is approved for return to service.
Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS W100+. Engine run and leak check good.
Oil sample taken.
Complied with AD12-03-07 inspection of MFB HA-6 carburetors, AD does not apply per paragraph (g) carburetor is die-cast.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 5/11/2012

SIGNED: *Bill Dexheimer*

Bill Dexheimer
Certified Repair Station No. L9OR473Y

Work Order: 6863-04-2012

Printed by EBis 3 (datcomedia.com)

EGA Aviation, Inc.
 2634 Airport Dr.
 N. Las Vegas, NV 89032 (702) 683-7507
 Engine Logbook

N222HP

Tach: 2276.5

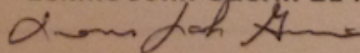
WO# 1177

2 Jan 2014

TTSM: 9037.3

C/W 100 Hr. / ANNUAL insp. IAW Cessna C-R182 MM and checklist.
 Comp. check as follows #1 76/80 #2 77/80 #3 76/80 #4 76/80
 #5 78/80 #6 76/80. Changed oil and oil filter with 9 Qts. AERO-
 SHELL 100+ and CH48103-1 filter. Cut prior filter for insp. with no
 defects noted. Checked mag timing and found within limits. Cleaned
 ing. lead springs. Installed 12 new RHM-38E spark plugs and torqued
 IAW MM. Checked all engine controls for proper travel and lubed.
 Removed and insp. all fuel screens and filters with no defects noted.
 Reinstalled and secured with lockwire. Installed new engine inlet air
 Filter with BA-2505. Installed all new valve cover gaskets. Checked
 and tightened all oil return hose clamps as needed. Lubed starter
 bendix . Checked all belt tensions and wear with no defects noted.
 Pressure checked exhaust system with no defects noted at this time.
 Insp. A/C system for leaks with none noted at this time. Checked all
 Intake system mounting hardware. All AD,s checked and C/Wed thru
 Jan 2014. Post maint. run up preformed. Low and high power range
 Checked. Mag checks within limts. Idle mixture checks within limits.
 I certify this ENGINE has been insp. IAW a 100 Hr./ ANNUAL insp. and
 Has been determined to be in an airworthy condition.

Lennie John Guerjn 21483690 A/PIA



TOTAL TIME	
SERVICE	
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95-07-01 C/W, Used New SL73001 Part Name



WORK ORDER
Nº 24493

QUANTITY	PART NO. & DESCRIPTION	UNIT PRICE	TOTAL
2	68H22624 cushion	6 87	13 74
12	72198 pin plug	23 79	285 48
12	SL-12186 rod nut	4 25	51 00
2	LW-13445 piston pin	80 47	160 94
1	SL-13377 gasket set		265 96
12	SL-13521A rod bearing	17 21	206 52
6	18D26099 main bearing	193 46	1160 76
12	LRT 23381 roller tappet		
		381 85	4582 20
12	SL-75061 rod bolt	55 21	662 52
6	SL-69603 hose	6 06	36 36
6	SL-STD-1821 hose	1 88	11 28
1	AN8-14A c/s bolt		3 46
1	CH-48103-1 oil filter		35 80
2	SL-13884A front bearing		
		204 63	409 26
1	06B23072 seal		46 10
2	76788 c/w pin	50 56	101 12
2	LW-15558 c/w pin	87 52	175 04
8	SL-71907A c/w plate	24 96	199 68
1	SL-72566 ring gear		159 88
		8567 10	
	Less 10%	-856 71	
	TOTAL PARTS	7710 39	
	SUBLET		
1	Repair external steel	140 00	
	TOTAL SUBLET	140 00	

NAME: Abilene Aero, Inc.
 ADDRESS: 2850 Airport Blvd.
 CITY: Abilene STATE: TX ZIP: 79602
 PHONE: 325-677-2601 DATE IN: 5-22-14 PROMISED:
 N NO: P.O. SHIP VIA: AAA Cooper 7-8-14 TERMS: PAID
 MODEL: C-182 RG SERIAL NO: L-22856-40E CORE MEMO NO:

ITEM NO.	QUAN.	DESCRIPTION	PRICE
1	1 ea	0-540-J3C5D Engine; I.R.A.N. due to prop strike	5200 00

The aircraft engine identified above was ~~checked~~ REPAIRED and inspected in accordance with manufacturers specifications and current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work order number 24493 Dated 7-1-14 Signed *M. L. Little* for FAA Repair Station DC2R763K

Custom Airmotive, Inc.
 2702 North Sheridan Road (Bldg. B)
 Tulsa, OK 74115, USA

Ph: 918-836-6636 Fax: 918-836-9431
 work to be done along with necessary materials. You and your employees may operate above for purposes of testing, inspection or delivery at my risk. An express mechanic's lien is acknowledged on above to secure the amount of repairs thereto. You will not be held responsible for loss or damage to above in case of fire, theft, accident or any other cause beyond your control.

MECHANIC	TOTAL LABOR	5200 00
1 BCK 1 July 2014	TOTAL PARTS	7710 39
	TOTAL SUBLET	140 00
	empty crate \$113.01	FREIGHT 256 75
	inb. freight \$143.74	
Pd 7-8-14 \$13,307.14	TAX	
Ck #100195 JD	TOTAL	13,307 14

AUTHORIZED BY

Custom Airmotive, Inc.
 FAA REPAIR STATION #DC2R763K
 AIRCRAFT ENGINE SERVICE
 2702 N. SHERIDAN, BLDG. B
 TULSA, OK 74115
 (918) 836-6836
 FAX (918) 836-9431

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 14-13161 Registration# N222HP Date: 7/17/14
 Aircraft S/N R18201881 Meter: 2311.7

Engine and prop removed for prop strike inspection. Reinstalled engine after tear down and inspection by CRS# DC2R763K Installed a new McCauley prop. Model number B3D32C407-C/G-82NDA-3, P/N P4075158-01, S/N 130688.
 Ground run ops and leak checked ok.

D SIGNATURE,
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 UMBER

DATE	TOTAL IN SER
19__	HOURS

George Wilkins
 Approved for return to service
 George Wilkins AP450828487

CAM CERTIFIED AIRCRAFT MAINTENANCE 12925 Wildcat Way, Burleson, TX, 76028

ENGINE: Lycoming N222HP MODEL: O-540-J3C5D S/N: RL-22856-40E
 ETT: 1354.3 TACH: 2353.7

DESCRIPTION OF WORK PERFORMED:
 Performed 100hr inspection in accordance with FAR 43 Appendix D. Compressions: #1 78/80, #2 76/80, #3 80/80, #4 76/80, #5 76/80, #6 78/80. Changed engine oil and filter PN: CH48103-1, serviced with 8 qts Aeroshell W100. Cleaned, gapped, inspected, and tested spark plugs then reinstalled. Operations checked good. All work was done in accordance with Lycoming service manual.

"I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition."

September 1, 2015
 DATE

[Signature] 3677972
 SIGNATURE A&P

