

ENGINE DESCRIPTION		
MANUFACTURER	Lycorins	MODEL O-540-J3C5D
SERIAL NUMBER	L-19767-40A	DATE OF MANUFACTURE 6-4-1997
RATED BHP		RPM
FUEL REQUIRED OCTANE/PERFORMANANCE		MANIFOLD PRESSURE
REGISTERED OWNER		
STREET & No.		
CITY, STATE, ZIP		
REGISTERED OWNER		
STREET & No.		
CITY, STATE, ZIP		

Engine Logbook Cover

T. W. SMITH ENGINE CO., INC.

**T. W. SMITH
ENGINE CO., INC.**

Warranty Validation

Must be completed and returned within 30 days in order to validate your warranty.

ENGINE TYPE 0-540-J3C5D S/N L-19767-40A
INSTALLED IN A/C TYPE CESSNA 182 RG N 3167C

- 1) This engine was installed by a Federal Aviation Administration certified mechanic or repair station.
- 2) I have read, and understand, the warranty provided on my engine, and agree that all claims will be handled according to the provisions of that warranty.
- 3) T. W. Smith Engine Co., Inc. accepts no responsibility for any loss of use of aircraft or engine due to a malfunction of the engine or component part.
- 4) I have available and have read the aircraft flight manual and engine operators manual, and operate my engine and aircraft in accordance with these manuals.

SIGNED _____ DATE _____

FOR OFFICE USE ONLY:
Date Received In Office _____
Validated by _____
Date _____
Warranty No. E5446

T. W. SMITH ENGINE CO., INC.

Engine Overhaul Tag

T. W. SMITH ENGINE CO., INC.
HANGAR #1 • LUNKEN AIRPORT • CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency. CERTIFIED REPAIR STATION
No. CB1R054K

Work Order No. E5446 Date: 6-10-97
Model: 0-540-J3C5D Serial No. L-19767-40A
Date Re-built 5-28-97
Total Accumulated Time 2014.7 HOURS
Signed: _____

The above listed component has been overhauled and inspected, and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferrous parts dyed. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.

CERTIFICATE NO. _____
 CENTERLINE AIRCRAFT, LLC
 [REDACTED]
 SCOTTSDALE AZ 85260
 602-300-3791
 MODEL: R182 S/N: R18200247 HOBBS: 1067.0 TTAF: 3351.9
 O-540-J3C5D L-19767-40A SMOH: 1222.2
 9/7/2016

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HR INSPECTION.
2. CHANGED OIL. ADDED 9 QTS OF AEROSHELL 100.
3. REPLACED OIL FILTER CH48103.
4. REMOVED, FLUSHED AND REPLACED OIL COOLER AND LINES.
5. REMOVED ENGINE AND REPLACED OIL PAN GASKET, P/N: 06B21326.
6. 500 HOUR MAG INSPECTION
7. REPLACED FUEL PUMP P/N: 05-19000 OR LW15472 S/N: 09W122
8. INSTALLED 6 OVERHAULED CYLINDERS, #1 P/N: LW-13870, S/N: C1209.1. #2 P/N: LW-13870, S/N: C1220.2. #3 P/N: LW-13870, P/N: C1109.3. #4 P/N: LW-13870, S/N: C1216.4. #5 P/N: LW-13870, S/N: C1198.5. #6 P/N: LW-13870 S/N: C1194.6.
9. REINSTALLED ENGINE
10. ADS CHECKED THROUGH 2016-18

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

[REDACTED]
 CHRIS COTTRELL
 A&P [REDACTED]

Overhauled Engine Installed to Airframe, Hobbs 1067, TTAF 3351.9

INSPECTION & MAINTENANCE RECORD
 DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.

Abilene Aero Inc. [REDACTED] WO# 17-14521 Registration# N3167C Date: 9/6/17
 Aircraft S/N R18200247 Meter: 1072.3 822-2 JPI Hobbs
 Installed an overhauled alternator, P/N DOFF10300B, S/N H-Q100495. (1HZR100495)

[REDACTED]
 Approved for return to service
 George Wilkins AF [REDACTED]

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED
9/19/17	Hobbs 829.6 SMOH 1575.1	Compression test: #1-71 #2-71 #3-75 #4-73 #5-72 #6-70. Change oil & filter, service with 8 qts Aeroshell 100w. Clean oil suction screen. Clean spark plugs. Engine ground run & leak checked.

I certify this engine has
 been inspected in accordance with an
annual inspection, and found
 to be in an airworthy condition.
 ADs through 2017-19 have been
 checked.

[REDACTED] A&P [REDACTED]

Engine Annual September 19, 2017

Owner Name Robert C. Hoffman
 Address _____

 Propeller Model B3D36C433-C
 Blade Model I-80VSA-1
 Hub Serial No. 101339
 Blade Serial No. 1 AEK26058
 2 AEK26059
 3 AEK26064
 4 _____

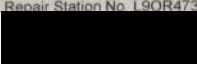
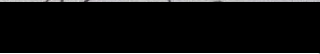
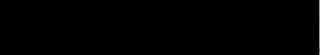
Propeller Data Page

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
5/31/17	Hours 688.2	SMDH 399.3	I certify this <u>Propeller</u> has been inspected in accordance with a <u>100+hr</u> inspection, and found to be in an airworthy condition. ADs through <u>2017-09</u> have been checked.	<u>[Signature]</u>
9/19/17	Hours 829.6	SMDH 540.7	I certify this <u>Propeller</u> has been inspected in accordance with a <u>annual</u> inspection, and found to be in an airworthy condition. ADs through <u>2017-19</u> have been checked.	<u>[Signature]</u>

Note: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

Propeller Annual September 19, 2017

Lone Mountain Aviation, Inc.		DATE: 4/25/2011
Repair Station No. L9OR473Y		A/C TSN: 3049.2
		PROP TT: 0
		TACH: 92.4
PROP MODEL: B3D36C433-BC PROP S/N: 101339 REG. NO: N3167C WORK ORDER: 5901-12-2010		Signatures Station Numbers
Prop Entries Installed new McCauley Propellor Model number B3D36C433-C S/N 101339 and new spinner and bulkhead kit in accordance with McCauley installation instructions provided and Cessna service instructions section 13.		
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: 4/25/2011	SIGNED:  Bill Dexheimer Certified Repair Station No. L9OR473Y	
Work Order: 5901-12-2010 Printed by EBis 3 (datcomedia.com)		
PROP MODEL: B3D36C433-BC PROP S/N: 101339 REG. NO: N3167C WORK ORDER: 5975-01-2011		Signatures Station Numbers
Prop Entries I certify that this propeller has been inspected in accordance with a Annual/100 hour inspection and was determined to be in airworthy condition.		
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: 4/25/2011	SIGNED:  Bill Dexheimer Certified Repair Station No. L9OR473Y	
Work Order: 5975-01-2011 Printed by EBis 3 (datcomedia.com)		1 & 12

New Propeller Installed April 25, 2011 at Tach 92.4, AFTT 3049.2

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
Abilene Aero Inc [REDACTED] Aircraft S/N R18200247 Installed an overhauled alternator, P/N DOFF10300B, S/N H-Q100495. (1HZR100495)	WO# 17-14521 Meter: 1072.3 822-2 JPI H-bbs	Registration# N3167C Date: 9/6/17
		[REDACTED] Approved for return to service George Wilkins [REDACTED]
9/19/17	Hobbs 829.6 SMOH 1575.1	
	Compression test: #1-71 #2-71 #3-75 #4-73 #5-72 #6-70	
	Change oil & filter, service with 8 qts Aeroshell 100W.	
	Clean oil suction screen. Clean spark plugs. Engine	
	ground run & leak checked.	
	I certify this <u>engine</u> has	
	been inspected in accordance with an	
	<u>annual</u> inspection, and found	
	to be in an airworthy condition.	
	ADs through <u>2017-19</u> have been	
	checked.	
	[REDACTED] ACP [REDACTED]	

Log



ENGINE MAINTENANCE RECORD

Log 2

AIRCRAFT SERIAL AND REGISTRATION R18200247, N3167C

ENGINE MODEL AND SERIAL O-540-J3C5D L-19767-40A

D5518-3-13

Engine Warranty

FULL WARRANTY

LIMITED WARRANTY

TERMS AND CONDITIONS

- 993

Authorized Signature _____

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS



ES, INC.
A 93065

SES

annuals 60294-7.
is approved for



AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
1/29/18	Tach 832.8		Reinstall this engine into N3167C following over-haul. Service with 2 qts Aeroshell 100 Mineral Oil, ground run, adjust idle speed, leak check & return to service.	

RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE[illegible]

MAINTENANCE RECORD

DATE				TOTAL TIME IN SERVICE	
				HOURS	10THS
PACIFIC CONTINENTAL ENGINES, INC. 21 W. Easy St. Unit 103 Simi Valley, CA 93065 (818)899-5200 FAX (818)899-5300 FAA APPROVED REPAIR STATION #TZ3R885L CERTIFIED OVERHAUL TO NEW ENGINE TOLERANCES ZERO-TIME EQUIVALENT Make: <u>LYCOMING ENGINES, INC</u> Model: <u>O-540-J3C5D</u> S/N: <u>L-19767-40A</u> SMOH: <u>0.0</u> This engine was overhauled in accordance with Lycoming manuals 60294-7-14, PC415-1, and current Federal Aviation Regulations and is approved for return to service. Work Order NO: <u>W9032</u> Authorized Signature: <u>[Signature]</u> Date: <u>19/JAN/2018</u> Total time on engine before overhaul <u>3593</u> AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER					



AIRFRAME MAINTENANCE RECORD

ELT BATT DUE 7/10 11/15

AIRCRAFT SERIAL AND REGISTRATION _____

RECORD NUMBER _____

D5517-1-13

SERVICE BULLETIN COMPLIANCE RECORD

[illegible]

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			
10/2/17	Tach 832.8 Remove engine	832.8	0-540-J3CSD S/N L-19676-40A for overhaul.					
			[REDACTED] AAF [REDACTED]					
1/29/18	Tach 832.8 Reinstall engine Ground run, leak check, return aircraft to service. Prop governor c/H-secs 30-2.	832.8	0-540-J3CSD S/N L-19676-40A for overhaul.					
			[REDACTED] AAF [REDACTED]					

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			
5/3/17	Hobbs 638.2	TTAF 3558.0						Replace aircraft battery with new G-2-12, SN 602944769. Replace voltage regulator with new R25101, SN 611021. Replace master switch with new. Replace fuel caps/seals. Replace static wick on left elevator, replace static wick on left aileron. Jack aircraft, replace nose tire + right tire, repack oil wheel bearings. Perform landing gear retraction extension and manual extension. Replace air filter element. Clean fuel bowl screen. Fabricate & install tailpipe hanger strap on left side. Mount fire extinguisher bracket on floor between seats. Install Sovo's Venturbs per STA SA00709CH. File FAA form 337 for installation. Reset several roll pins in 2 front seats. c/w AD 84-10-01 R1, c/w AD 2011/0-08. Aircraft lubed, ground run & leak checked.
								I certify this <u>aircraft</u> has been inspected in accordance with a <u>100 HR</u> inspection, and found to be in an <u>airworthy</u> condition. ADs through <u>2017-09</u> have been checked.

MAINTENANCE RECORD

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS	10ths		
7/17/17	649.0	INSTALLED DOOR STEWARDS ON L/H & R/H DOORS PER STC SA 011206 AND FAR 43 APPENDIX D AND AC 43.13 1B [REDACTED] A [REDACTED]	
0/17/17	659.8	REPLACED LEFT NAV BULB GAND WHOLESALE WEH R4 7512-29 & STROBE LAMP 34-0226010-91. [REDACTED] [REDACTED]	
0/17/17	601.4	REMOVED FOR REPAIR PROP GOVERNOR & RE-INSTALLED [REDACTED] A [REDACTED]	
2/1/2017	601.4	EXCHANGED TURN COORDINATED FOR A REBUILT UNIT [REDACTED] A [REDACTED]	

MAINTENANCE RECORD

CENTERLINE AIRCRAFT, LLC

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CENTERLINE AIRCRAFT, LLC

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N3167C MODEL: R182 S/N: R18200247 HOBBS: 1072.3
9/12/2016

N3167C MODEL: R182 S/N: R18200247 HOBBS: 1072.4
9/12/2016

PERFORMED THE FOLLOWING ITEM(S):

1. REPLACED FUEL WARNING BOX 1270733-2 WITH SERVICABLE UNIT.
2. REPLACED TERMINAL END AT SPEAKER.
3. REPAIRED WIRE AT CIGAR LIGHTER PLUG.
4. REPLACED VAC PUMP 215CC.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA
REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN
TO SERVICE.

CHRIS COTTRELL
A&P

PERFORMED THE FOLLOWING ITEM(S):

1. ADJUSTED LANDING GEAR THROTTLE WARNING SWITCH.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA
REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN
TO SERVICE.

CHRIS COTTRELL
A&P

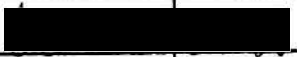
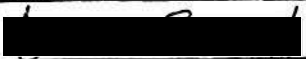
IPC Hobbs reads 482.1 at
this Hobbs 1072.4

A&P

MAINTENANCE RECORD

DATE 9	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			N3167C 111016 Hobbs 526.7 Replace all engine baffle seals, fit & trim as required. Fabricate new upper hanger strap for right tailpipe clamp. Replace Lt+Rt main tires, repack main wheel bearings. Ground run, return aircraft to service. Aur	

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
5/31/17	Hebbs	688.2	SMDH 399.3	
			I certify this <u>propeller</u> has	
			been inspected in accordance with a	
			<u>100 HR</u> inspection, and found	
			to be in an airworthy condition.	
			ADs through <u>2017-09</u> have been	
			checked.	
			 <u>Asst</u> 	
9/19/17	Hebbs	829.6	SMDH 540.7	
			I certify this <u>propeller</u> has	
			been inspected in accordance with a	
			<u>annual</u> inspection, and found	
			to be in an airworthy condition.	
			ADs through <u>2017-19</u> have been	
			checked.	
			 <u>Asst</u> 	

Note: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
NOV 2 2017	240.7	00.00	N/A K30252	

PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED, INSTALLED NEW BLADE #3 ASSEMBLED, SET BLADE ANGLES, AIR PRESSURE LEAK CHECKED, FUNCTIONALLY TESTED, STATICALLY BALANCED, RED DYE FILLED HUB CAVITY AND SAFTIED, T A W MCCAULEY SERVICE MANUAL MPC 400 REV 4, BOM100 REV 7, SPM100 REV 6, ALL APPLICABLE SBs, SLs C/W TO DATE NO ADs APPLY. NEXT OVERHAUL IS DUE AT 2400 HOURS OR 72 CALENDAR MONTHS WHICHEVER IS FIRST. T S N : 240.7 T S O : 00.00

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER THIS INVOICE NUMBER AND DATE.

SIGNED [REDACTED]
AUTHORIZED SIGNATURE F.A.A. A.R.S. No. ZY2R352L

Note: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
1/29/18	Tach 832.8	SMOH 0.0		
	Install	thru propeller	onto O-SHO-J3C5A, SNL-19767-40A,	
	in Cessna N3167C.	6 round run, leakcheck, return to		
	Service.			

Note: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12