

#2



The Standard

ENGINE LOG

ASA-SE2

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.)
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Date: 2-19-2008 Tach: 2089.7 Reg. No.: N2256S
 Eng. Model: O-540-L3C5D Eng. S/N: L-21907-40A
 SMOH: 000.0

Engine Major Overhaul

Completed engine major overhaul this date in reference with Lycoming overhaul manual 60294-7, parts manual PC-415-1 and all applicable service bulletins, letters and instructions. This engine has overhauled and reassembled to new fits and limits. All internal steel parts magnetic particle inspected. Crankcase overhauled/certified, crankshaft overhauled/certified, and reground Firewall Forward Technologies Centri-Lube camshaft installed (FAA form 337 filed this date). Counterweights reconditioned per Lycoming S.I. 1143B. New ECi cylinder assemblies installed. New fuel and oil hoses and engine shock mounts. Engine accessories were overhauled/ exchanged or new as follows: Ignition Harness, Champion Spark Plugs, Magneto, Alternator, New Sky-Tec Lightweight Starter, Carburetor, Lycoming Fuel Pump, Propeller Governor and Oil Cooler. Maintenance release tags and a list of AD's provided. Engine dynamometer tested in accordance with Lycoming overhaul manual and is approved for return to service. For complete details concerning this overhaul, refer to work order #7663 on file at this overhaul facility. END.

Donald D. Mumford
 A&P# 3203907

**The New Firewall Forward
 Loveland, CO 80538**



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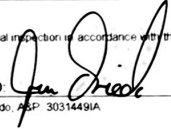
Date: 2-19-2008 Tach: 2089.7 Reg. No.: N2256S
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Engine Major Overhaul

ACCESSORIES OVERHAULED OR EXCHANGED AT OVERHAUL

MFG. NAME	COMPONENT	MODEL/PN	SERIAL No.
Bendix	Magneto	10-382560-11	H1155462
Sky-Tec	Starter	149-NL	FN-420771
Precision	Carburetor	10-5243	DF-1-1003
Lycoming	Fuel Pump	LW-15473	NSN
Ford	Alternator	DOFF10300B	H091644
McCauley	Prop. Gov.	C290D3J/T22	792571
Steward Warner	Oil Cooler	10614A	479

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				<p>ENGINE MODEL: DFW Aero Mechanix Inc. O-540-L3CSD ENGINE S/N L-21907-40A REG NO N2256S WORK ORDER 4633-05-2009</p> <p>16321 Addison Rd. Ste 150 Addison, Texas 75001 Phone 972-250-2403</p> <p>DATE 11/6/2009 AVC TSN 2095 5 ENG TT 2095 5 TSMOH 5 8 TACH 2095 5</p> <p>Engine Entries Cylinder compression check results: (1) 80/73 (2) 80/74 (3) 80/74 (4) 80/76 (5) 80/72 (6) 80/73. ADs researched through Release 2009-21 Adjusted propeller governor for proper RPM Changed Oil & Filter, serviced with Aeroshell 100W mineral oil</p> <p>Maintenance Release I certify this engine was inspected IAW an annual inspection in accordance with the current Federal Aviation Regulations and was found Airworthy for return to service</p> <p>DATE: 11/6/2009 SIGNED:  Juan Ovedo, ASP 30314491A Work Order: 4633-05-2009 Printed by EBis 3 (datcomedia.com)</p>

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12-17-09	Tach: 2101.4			<p>ACT: 2101.4 TSMOH: 11.7 Performed oil and Filter Change. Installed new CH48103-1 oil Filter. Serviced with 8 QTS Aeroshell 100-50 mineral oil. Washed engine. Performed ground run and leak check. NO leaks Found. Thomas B. Barrett AIP4142497446</p>
5-5-10	2129.2	TACH	Time	<p>Drain oil and Replaced oil Filter PIN CH48103-1 SERVICED ENGINE WITH 7 QTS AEROSHELL W100 PLUS OIL, Tightened Loose BOLTS ON TURBO RETURN OIL LINE AT TURBO. Run-up Checked For Leaks NONE NOTED. K. Lukut AIP26308016JA.</p>

YEAR 2012 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.)
NOV 2, 2010			TACH: 2140.5 TSMOH: 39.7	
				Change oil & filter. Replaced with new CH48103-1 filter & 7qt Phillips Phillips 20-50 oil. Compression test #1 85/80 #2 75/80 #3 75/80 #4 75/80 #5 75/80 #6 75/80 Lubed engine controls. Serviced turbo. Cleaned, gapped, retorted, reinstalled spark plugs. Inspected exhaust system. No defect noted. Serviced fuel system. Revved & 1/2 hr AD notes as required. All work completed ZAW Licensing man & FAR 4304 D. I certify this engine has been inspected ZAW a 100HR inspection and found AIRWORTHY for return to service this date. 10/27/10 AP 4414234419 ZA END

YEAR 2011 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.)
MAR 4, 2011	2149.2			CHANGED OIL + FILTER. REPLACED WITH CH48103-1 FILTER AND 6.5 QTS. PHILLIPS XC 20-50 OIL PLUS 1A ASL CAMGUARD. RAN ENGINE TO CHECK FOR LEAKS, NONE FOUND. JKent 6/10/11
JULY 19, 2011	2158.1			CHANGED OIL + FILTER. REPLACED WITH CH48103-1 FILTER AND 6.5 QTS. PHILLIPS XC 20-50 OIL PLUS 1 PINT ASL CAMGUARD. RAN ENGINE TO CHECK FOR LEAKS, NONE FOUND. JKent 6/10/11

N2256S Cessna 182RGII DATE: 11/30/2013 TACH: 2260.8

Drained oil and serviced with 7 Qt of Phillips SAE 20w-50 and 16 oz. of Camguard. Removed oil filter and Installed new filter P/N CH48103-1. Inspected for leaks no leaks noted.

Frank A. Montoya #3324578 Mechanic (A&P)

Frank A. Montoya

Description of Inspections, Tests, Repairs and Alterations

must be endorsed with Name, Rating and Certificate Number of Mechanic or Repair Facility. (See back pages for other specific entries.)

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N2256S Lycoming O-540-L3C5D S/N: L-21907-40A TTSN: 2276.2 TSMOH: 186.5 TACH: 2276.2 DATE: 04/06/2014

Accomplished differential compression test: #1-78/80, #2-79/80, #3-79/80, #4-76/80, #5-79/80, #6-78/80
 Serviced and rotated all spark-plugs. Magneto timing checked good, Serviced turbo system. Torque all hardware on engine. Engine run-up, leak & operations checked good.
 AD's research thru Mar. 2013 & C/W as require.
 Above work completed IAW Cessna MM forms, Lycoming MM & FAR 43 Appendix. D

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and is determine to be in airworthy condition this date.

Frank A. Montoya
 Mech. #3324578 (A&P - IA)

Frank A. Montoya

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME II SERVIC



BLUE SKIES AVIATION

1982 Airport Dr. San Marcos, TX 78666
 Hangar: 512-392-7035 Mobile: 512-905-9449

Engine N2256S Date: 07-01-15 Tach: 2328.8 ETT: 2328.8
 TSOH: 239.60

Ran engine, changed oil with 7 Qts of Philips X/C 20w50. Replaced oil filter with CH48103-1. Cut open filter to inspect for metal, none found. Performed hot compression check: #1 76/80 #2 73/80 #3 78/80 #4 74/80 #5 75/80 #6 74/80. Bore scoped cylinders. Tightened oil drain back tubes on Cyl # 1, 2, 3 & 5. Checked timing of magnetos to engine. Inspected ignition harness, hoses and accessories for leaks, proper installation and operation. Torqued two leaking oil sump bolts. Verified AD 2009-26-12 was N/A by Cylinder SN's. See AD log dfor A.D.'s I certify that this engine was inspected I.A.W. FAR 43 (d) and the AMM annual inspection check list and was found to be in airworthy condition.:

Shaune C. Maycock
 Shaune C. Maycock A&P 3012939

21-MAR-22 Tach: 2732.3 TSMOH: 639.7

Inspect intake and exhaust systems. Operate and inspect engine controls. Check magneto timing. Clean fuel filter. Compressions: 1)77/80, 3)78/80, 5)64/80, 2)75/80, 4)75/80, 6)77/80. Changed oil and filter, service w/Phillips X/C 20W-50 and Tempest AA48103 oil filter. Install (12) RHB37E spark plugs. Install oil return tube rubber hoses Cylinders 2,4 & 6. Repair exhaust leaks at cylinders #1 & #2. All AD's current and C/W as of this date. Run-up completed I/A/W 14C.F.R43(C)(2)(1) and manufacturer's recommendations, no abnormalities noted, no leaks found at this time. I certify that this engine has been inspected I/A/W a 100-hr. inspection and was determined to be in airworthy condition at this time. Robert A. Davis Jr. A&P 3030941

YEAR 2016 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.)
8-11-16	2380.4		291.2	<p>Inspected per Cessna service manual. Compression ck #1 ^{79/80}, #2 ^{77/80}, #3 ^{78/80}, #4 ^{76/80}, #5 ^{76/80}, #6 ^{76/80}. Checked magneto timing. Changed oil & filter with AA48103-2 filter & 8 qts Phillips 20x50 XC oil. Replaced air filter element. Cleaned, ground & tested all sparkplugs. Lubed turbocharger waste gate with molybdenum grease. Tighten fitting & oil line due to minor oil leak. Washed down engine & cowling. Run engine for leakage ck & proper operation. "I certify that this aircraft has been inspected in accordance with a 100hr/annual inspection and was determined to be in an airworthy condition this date. End"</p> <p>Kermit J. Stieria AP 3784133IA Monahans, Tx</p>
<p>20 JAN 2017 tach 2397.5 Oil changed, 6 qt XC 20W50. Oil sample taken, sent for analysis. Engine run, checks OK. Paul Nabors AP3225963IA</p> <p><i>Paul Nabors</i></p>				

YEAR 2017 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.)
5-14-17	2412.0			<p>Replaced turbocharger assy (Cessna pin C295001-0304) (Manufacturer pin 465292-9002, s/n RBR0103. Replaced all seals. Replaced wastegate body, Cessna no. C165006-0502, lower pin 2250115-1, new hardware & gaskets. Run engine for leak ck. Op - check good. No adjustments needed. Return to service. End</p> <p>Kermit J. Stieria Monahans, Tx AP 3784133IA</p>
5-23-17	2412.0			<p>Changed oil & filter with 7 qts XC 20W50 oil & AA48103-2 filter. Run engine for leak ck. Ops check good. - End -</p> <p>Kermit J. Stieria Monahans, Tx AP 3784133IA</p>

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10-5-17	2436.4		SMOH 347.2	Lubed all controls & linkages. Compression ck # 1 $74/80$, # 2 $75/80$, # 3 $74/80$, # 4 $73/80$, # 5 $61/80$, # 6 $77/80$. Cleaned, gapped & tested all spark plugs. Check magnet timing. Replaced oil & filter with Syts Phillips xC & AA48103-2 filter. Changed air filter element. Changed all valve cover gaskets. Changed throttle body micro switch roller-arm on cam for landing gear horn alert. Ran engine for operation ck & leakage ck. Ops check good. "I certify that this powerplant has been inspected in accordance with a 100hr/annual inspection and was determined to be in an airworthy condition this date. End Kermit J. Steric AP 3784133IA

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11-10-18	2443.6		SMOH 351.0 hrs.	Lubed all controls & linkages. Compression ck # 1 $77/80$, # 2 $77/80$, # 3 $78/80$, # 4 $77/80$, # 5 $69/80$, # 6 $77/80$. Check magnet timing. Changed air filter element. Inspected spark plugs. Washed down engine & engine compartment. Run engine for ops ck & leak ck. No defects noted. "I certify that this powerplant has been inspected in accordance with a 100hr/annual inspection and was determined to be in an airworthy condition this date. End. Kermit J. Steric AP 3784133IA

N55265 TACH:2458.2 07.27.2019

R & R oil filter (AA48103-2) with new. Drained

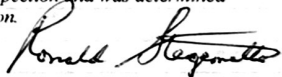
oil and filled reservoir with 6 quarts of X/C 20W50.

Leak check & ops check good. All IAW MMM.

Joseph Todd

A&P 3743702
A&P 3743702

YEAR 2019 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.)
12-1-19	2464.3		SIXCH 371.7	Lubed all controls & linkages. Compression ck #1 77/80 #2 76/80, #3 74/80, #4 75/80, #5 58/80, #6 75/80. Chkd magneto timing. Cleaned, gapped & tested all spark plugs. Replaced air filter element. Lubed turbo charger waste gate, inspected turbo charger for proper operation. Washed down engine, run & chkd for proper operation & leakage. Ops chkd good. "I certify that this powerplant has been inspected IAW 100hr / annual inspection and is determined to be in airworthy condition this date. End — Kermit J Stegemoller AP3284133JA Mossburn, TX

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				RS Aircraft Service 3103 Aviation Way Brenham TX 77833
				3-6-21 Tach = 2516.2 TSMO = 423.6 O-540-L3C5D Engine ran and operational checked. Compression checked 79,78,78,78,68,79 over 80 PSI. Removed cyl. # 5 for repair by Sal's A/C Cylinders - W/O# S-7161. Reinstalled with new rings. Replaced oil drain back hoses on 3&5. Cleaned and gapped all spark plugs. Magneto timing to engine checked. Replaced air filter element. Exhaust & turbo system inspected for defects. Replaced LH exhaust crossover tube 2254008-4AWL. Engine ran and cylinder #5 compression checked at 79/80 PSI. AD 2017-16-11 on connecting rods N/A. I certify this engine has been inspected in accordance with a 100 hr / annual inspection and was determined to be in airworthy condition. Ronald Stegemoller A&P# 2192007 I.A. 

RECORDING TACH TIME
 TACH TIME
 TACH TIME

RS Aircraft Service
 3103 Aviation Way
 Brenham TX 77833

4-26-21 Tach = 2524.0 TSMO = 431.4 O-540-L3C5D
 Oil and filter changed - added Phillips X/C 20W50 oil. Previous oil filter opened and checked for metal contamination - none notice. Engine ran and checked over for leaks.

Ronald Leggett DHP 2192007

YEAR DATE	TACH TIME	TOTAL TIME IN SERVICE	DESCRIPTION
5/18/21	2551.5	458.9	Oil & filter changed. Phillips X/C 20W50 oil, CH48103-1 & camguard. No visual problems noted. Approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>
6/14/21	2579.5	486.9	Oil & filter changed. Phillips X/C 20W50 oil, CH48103-1 filter, & camguard. No problems noted. Approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>
7/7/21	2604.7	512.1	Oil & filter changed. Phillips X/C 20W50 oil, CH48103-1 filter. Filter cut open, inspected. No metal found. Aircraft approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>

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9/7/21	2641.2		548.6	Oil & filter changed. Phillips X/C 20W50 oil, CH48103-1 filter, & camguard. No problems noted. Approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>
10/27/21	2670.3		577.7	oil & filter changed. Phillips X/C 20W50 oil, CH48103-1 filter, & camguard. Filter cut open no metal noted. Aircraft approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>
1/22/22	2698.5		605.9	oil & filter changed Phillips X/C 20W50 oil, CH48103-1 filter, & camguard. No problems noted. Aircraft approved for return to service. <i>Albert Dutzyait, Owner CPL# 4174925</i>

15-AUG-23 Tach: 2863.9 TSMOH: 771.3

Inspect intake and exhaust systems. Operate and inspect engine controls. Check magneto timing. Clean fuel filter. Compressions: 1)64/80, 3)60/80, 5)68/80, 2)65/80, 4)70/80, 6)63/80. Changed oil and filter, service w/Phillips X/C 20W-50 and Tempest AA48103 oil filter. Removed exhaust and intake system from cylinders 1, 2, 4, & 6, remove turbo charger. Exhaust ports on cylinders 1 & 2 resurfaced by Southern Aircraft Services. Reassemble exhaust and intake systems. Install new exhaust studs' cylinder #2. All AD's current and C/W as of this date. Run-up completed I/A/W 14C.F.R43(C)(2)(I) and manufacturer's recommendations, no abnormalities noted, no leaks found at this time. I certify that this engine has been inspected I/A/W a 100-hr. inspection and was determined to be in airworthy condition at this time. Robert A. Davis Jr. *[Signature]* A&P 3030941