

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18280162 N361TE

ENGINE MODEL AND SERIAL IO-540-AB1A5 s/n L-26204-48A

D5518-3-13

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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Scott Aircraft, Inc.

Fresno Yosemite International Airport
PO Box 8164, Fresno CA 93747
 PH (559) 252-2926 Fax (559) 252-7837

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

DATE	TOTAL TIME IN SERVICE	HOURS		
			Engine Log	
			<p>6/7/06, W.O. #10138, N361TE, Cessna 182S, Hobbs 1040.5 Hrs., Tach and ACTT 927.5 Hrs., Engine TSN 927.5 Hrs. C/W AD 2002-26-01 by inspection of fuel injection lines, NID in 100 Hrs. Changed Oil (Aeroshell 100W plus) and Oil Filter. Inspected oil filter and suction screen, no metal noted. Removed an Oil Sample for Analysis. Performed Differential Compression Test, Cylinder #1)76/80, 2)77/80, 3)77/80, 4)78/80, 5)77/80, 6)78/80. Washed down engine. Operational checks good at this time. I certify that this engine has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in an airworthy condition.</p>	
			<p>Stephen Denney, A&P 559877276 IA </p>	
	N361TE IO-540-AB1A5 s/n L-26204-48A		<p>Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA</p>	<p>4/10/2007 Tach: 987.0 TTE: 987.0</p>
			<p><i>Engine Logbook Entry</i> Original engine logbook lost during shipping of engine for crankshaft replacement. Obtained copy of previous Annual Inspection sign-off from Scott Aircraft Inc., to establish serial number continuity and total time. -----end-----</p>	
			<p></p>	<p>Chris Camph 561758012 IA 4/10/2007</p>

DATE	TOTAL TIME IN SERVICE	
	HOURS	10

P/N or MODEL

SPEC

Signal

Form 244A - 4/

- 1 05K23580
- 1 16R22291-P
- 12 17C21191
- 4 31C-12P03
- 12 60009
- 12 UREM40E

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number MS- 299237	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701						5. Work Order, Contract or Invoice Number: 315/237631	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701						PRODUCTION CERTIFICATE #3	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch No.	12. Status/Work	
0001	KIT-CRANKSHAFT REPLACEMENT	05K23580	N/A	00001	N/A	NEW	
13. Remarks AIRWORTHINESS APPROVAL PARTS-FOR DOMESTIC SHIPMENTS ONLY OMAHA AIRPLANE SUPPLY COMPANY United States Eligibility Block 9 indicates only one of many approved models. Numerous other models may be eligible for the same part.							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. 14 CFR 43.9 Return to Service - Other regulation in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43. In respect to that work, the items are approved for return to service.			
15. Authorized Signature 		16. Approval/Authorization No. ODARF-830878-NE		20. Authorized Signature		21. Approval/Cert Number:	
17. Name (Typed or Printed): F. H. HILL JR		18. Date(m-d-y): FEB-22-2007		22. Name (Typed or Printed):		23. Date(m-d-y):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							
FAA Form 8130-3 (FEB-07)				*Installer must cross check eligibility with applicable technical data.			

DA

MAKE: Lycoming
MODEL: IO-540-AB1A5
SERIAL # L-26204-48A

N # N361TE
T.T. 987.0

TURE,
PE


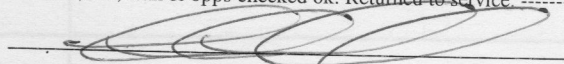
The engine identified above was disassembled to replace crankshaft IAW MSB 569A. Installed 1ea. 05K23580 crankshaft kit. At time of engine disassembly, all 6ea. cylinders were repaired as necessary. All work performed with reference to Lycoming O/H manual 60294-7-9 and parts manual PC 615-10. AD list in back of log book. "Only work requested by customer has been performed and certified IAW manufacturer specifications and applicable airworthiness regulations. Engine was test run on engine test stand. All pertinent details are on file at this facility under Inv. 4511. END.-----

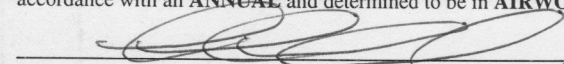

DATE : 03-28-07

SIGNED
FAA Repair Station T22R537Y

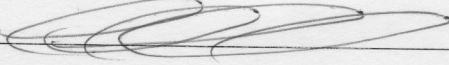
Tim's Aircraft Engines Inc.
6105 Obispo Ave.
Long Beach, Ca. 90805
Ph. (562) 634-6120
Fax (562) 634-6129

MAINTENANCE RECORD

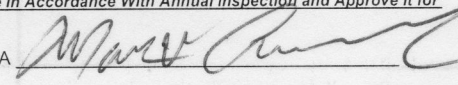
DATE	TO IN	HOURS	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA	4/17/2007 Tach: 987.0 TTE: 987.0
		<i>Engine Logbook Entry</i> R & I engine for compliance of AD 2006-20-09 Crankshaft Failure by Tim's Aircraft Engines (wo# 4511) . Serviced engine with Aeroshell 100 mineral oil . Washed, ran, leak & opps checked ok. Returned to service. -----end-----	
		 Chris Camph 561758012 IA 4/17/2007	
		N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA	5/17/2007 Tach: 996.4 TTE: 996.4
		<i>Engine Logbook Entry</i> Changed oil & filter, filter and screen inspected, ok. Serviced engine with CH48110-1 filter and Aeroshell 100 mineral oil . Washed, ran, leak & opps checked ok. Returned to service. -----end-----	
		 Chris Camph 561758012 IA 5/17/2007	

DATE	TOT. IN S	HOURS	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA	7/3/2007 Tach: 1002.4 TTE: 1002.4
		<i>Engine Logbook Entry</i> Completed ANNUAL Inspection & service IAW Cessna 182S Maintenance Manual & FAR 43, Appendix D. A.D's checked thru Issue 2007-13. C/W AD 2002-26-01 Injector Lines by inspection per SB342D , no defects found, <i>next due in 100hrs, (1102 TT)</i> . Changed oil & filter, filter & screen inspected, ok. Serviced engine with Aeroshell 100 mineral oil . Compression as follows; 1-72, 2-75, 3-72, 4-75, 5-75, 6-72/80 psi . Installed overhauled oil cooler 10610R s/n 1181. Serviced spark plugs. Tightened all valve cover screws. Washed, ran, leak & opps checked ok. I certify that this Engine has been inspected in accordance with an ANNUAL and determined to be in AIRWORTHY condition. Returned to service. -----end-----	
		 Chris Camph 561758012 IA 7/3/2007	
		N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA	10/17/2007 Tach: 1044.7 TTE: 1044.7
		<i>Engine Logbook Entry</i> Changed oil & filter, filter & screen inspected, ok. Serviced engine with CH48110-1 filter and Aeroshell 15w50 oil. Washed, ran, leak & opps checked ok. Returned to service. -----end-----	
		 Chris Camph 561758012 IA 10/17/2007	



MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE NUMBER
	HOURS		
	1078	N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste. 1 San Carlos, CA	11/1/2008 Tach: 1063.0 TTE: 1063.0
		Engine Logbook Entry Completed ANNUAL Inspection and service referencing Cessna 182S/T Maintenance Manual and FAR 43, Appendix D. A.D.'s checked thru Issue 2008-21. C/W AD 2008-14-07 Injector Lines by inspection per SB342E, no defects found, next due in 100hrs, (1163 TT). C/W Precision SIL RS-87, Rev1 Servo Plug Gasket by installation of 1ea new style gasket p/n 2577258. Note: AD 2008-08-14 Servo Hex Plug - N/A by Gasket P/N. Changed oil & filter, filter & screen inspected, ok. Serviced engine with Aeroshell 15w50 oil. Compression as follows; 1-75, 2-78, 3-76, 4-77, 5-74, 6-77/80 psi. Serviced spark plugs. Tightened all valve cover screws. Washed, ran, leak & opps checked ok. I certify that this Engine has been inspected in accordance with an ANNUAL and determined to be in an AIRWORTHY condition. Returned to service. -----end-----	
		 Chris Camph 561758012 IA 11/1/2008	

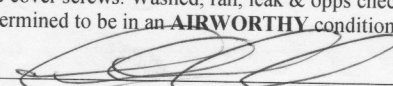
MAINTENANCE RECORD

DATE	AUTHORIZED SIGNATURE
Registration N361TE Mod. IO-540-AB1A5 S/N L-26204-48A Date: 10/27/2009 TachTime 1086.7 TTE 1086.7 Hobbs Time: 1220.9 Inspected this engine in Accordance with Annual Inspection guideline as outlined in FAR part 43 App. "D" Changed oil inspected oil filter and oil pick-up screen. Installed Ch48-110-1 oil filter. Serviced engine with Cam Guard and 8.5 Qts Phillips 20W50 Complied with AD 2008-14-07 Fuel injector line and clamp inspection. Replaced fuel injector lines on cylinders #3 and #5. Installed new 6351 slick magnetos L/H S/N 09080413 R/H S/N 09070523 Cleaned gapped and tested spark plugs. Cleaned ignition leads. Cleaned and serviced induction filter. Comp. Check #1 78 #2 77 #3 76 #4 75 #5 76 #6 78 Performed post maintenance run-up. Engine checks good and no leaks found. I certify I have Inspected this engine In Accordance With Annual Inspection and Approve it for return to service. Mark W Crouch A&P305641678IA 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h4 style="text-align: center; margin: 0;">WARNING</h4> <ul style="list-style-type: none"> When installing drive gear or driver onto magneto, torque nut provided to 120 to 320 inch lbs. Use only the installation hardware provided. Secure nut with appropriate cotter pin. </div> <div style="text-align: center;"> <h4 style="margin: 0;">FAA-PMA Approved</h4> <p style="font-size: small; margin: 0;">This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Unison Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.</p> <p style="font-size: small; margin: 0;">Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.</p> <p style="margin: 0;">Magneto Model No. <u>6351</u></p> <p style="margin: 0;">Magneto Serial No. <u>09080413</u></p> <p style="margin: 0;">Date of Installation <u>10/20/09</u></p> <p style="margin: 0;">L-1543-A</p> </div>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste.1 San Carlos, CA 5/18/2010 Tach: 1088.7 TTE: 1088.7 <i>Engine Logbook Entry</i> Changed oil and filter, filter and screen inspected, ok. Serviced engine with CH48110-1 filter and Aeroshell 15w50 oil. Washed, ran, leak & opps checked ok. -----end----- 	
			Chris Camph 561758012 IA 5/18/2010	
			N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste.1 San Carlos, CA 1/21/2011 Tach: 1092.0 TTE: 1092.0 <i>Engine Logbook Entry</i> Completed ANNUAL Inspection and service referencing Cessna 182S/T Maintenance Manual and FAR 43, Appendix D. A.D's checked thru Issue 2011-01 . C/W AD 2008-14-07 Injector Lines by inspection per SB342E , no defects found, <i>next due in 100hrs, (1192 TT)</i> . Changed oil & filter, filter & screen inspected, ok. Serviced engine w/ Aeroshell 100w Plus oil. Compression as follows; 1-76, 2-72, 3-73, 4-76, 5-72, 6-76/80 psi . Serviced spark plugs. Tightened all valve cover screws. Washed, ran, leak & opps checked ok. I certify that this Engine has been inspected per an ANNUAL and determined to be in an AIRWORTHY condition. Returned to service. -----end----- 	
			Chris Camph 561758012 IA 1/21/2011	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			N361TE IO-540-AB1A5 s/n L-26204-48A Diamond Aviation 620 Airport Dr., Ste.1 San Carlos, CA 2/7/2012 Tach: 1099.0 TTE: 1099.0 <i>Engine Logbook Entry</i> Completed ANNUAL Inspection and service referencing Cessna 182S/T Maintenance Manual and FAR 43, Appendix D. A.D's checked thru Issue 2012-02 . C/W AD 2011-26-04 Injector Lines by inspection per SB342F , no defects found, <i>next due in 100hrs, (1199 TT)</i> . Changed oil & filter, filter & screen inspected, ok. Serviced engine with new CH48110-1 filter and Aeroshell 100w Plus oil. Compression as follows; 1-76, 2-70, 3-73, 4-74, 5-74, 6-75/80 psi . Serviced spark plugs. Tightened all valve cover screws. Washed, ran, leak & opps checked ok. I certify that this Engine has been inspected per an ANNUAL and determined to be in an AIRWORTHY condition. Returned to service. -----end----- 	
			Chris Camph 3568328 IA 2/7/2012	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
08/03/12	1254	0	AIC hobbs.	
			Removed D.S. PIN 1U262-042-2, SIN T46599. Installed Overhauled unit PIN 1U262-042-2, SIN T66231F from mid continent INST CRS # 0L2R 061L, W.O. # 0198857. Removed Vertical card Compass PIN PAI-700 SIN 33218. Installed New PIN PAI-700, SIN 78829. Compass Comparison calibrated and New Deviation card filled out. N-359, 030-26, 060-56, 090-89, 120-119, 150-150, 180-181, 210-210, 240-240, 270-270, 300-300-330-329.	
			Ground operational checked D.S. James Kelly P ACP 2098022	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11-05-12	1264.4		hrs AIC hobbs. 1122.3 hrs Tach.	
			Change oil and filter 7yts AeroShell 15W50 and AA48110-2. COJ and inspected old element. Run checked filter for leaks.	
			SLICK SB1-12 / Lgc. SB603 N/A Due to SIN's OP magnets installed.	
			LH model 6351 SIN 09080413, RH model 6351 SIN 9070523.	
			James Kelly P ACP 2098022	

FREMONT AVIATION
 1203 WEST 23RD STREET
 FREMONT, NE 68025
 (402)721-4520

TURE,
 PE

03/01/13 Cessna 182S N361TE SN: 18280162 Hobbs: 1136.1 Hrs.

Engine: IO-540-AB1A5 SN: L-26204-48A

- 1 Complied with annual inspection per Cessna Aircraft Inspection Sheets and CFR 43 Appendix D.
- 2 Compression check: #1 75/80, #3 68/80, #5 73/80, #2 74/80, #4 73/80, #6 73/80.
- 3 Complied with AD 2011-26-04 fuel injection lines par h & SB 342F. Due again @ 1236 hours/engine OH/line maintenance.
- 4 Serviced air filter per Challenger ICA # Doc. 4003, Rev. E, dated 05-05-10.
- 5 Reswedged induction connector tubes in oil pan assembly. Installed new 69603 hoses and 71973 gaskets.
- 6 Replaced all rocker box gaskets, P/N RG-75906.
- 7 Inspected induction and exhaust systems.
- 8 Cleaned, gapped, inspected spark plugs. Magneto timing and harness checked.
- 9 Fuel servo inlet fuel screen cleaned.
- 10 Inspected fuel and oil hoses.
- 11 Inspected engine mounting and baffling.
- 12 Accessory mounting and wiring inspected.
- 13 Engine controls checked for proper operation, travel, condition and lubed.
- 14 Washed engine and cowl.
- 15 Run up operational and leak checked engine.

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

James Kjeldgaard
 Kjeldgaard A & P 2098022

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
06-08-13			1151.4 hrs tach	
			Changed oil and filter 8 qts Aero Shell 15W50 and AA48710-2. cut and inspected old element. Run checked filter for leaks	
			<i>James Kjeldgaard</i> A & P 2098022	

FREMONT AVIATION
1203 WEST 23RD STREET
FREMONT, NE 68025
(402)721-4520

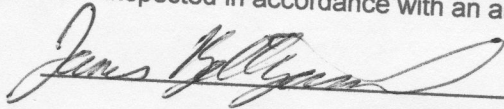
03/14/14 ^{JK} Cessna 182S N361TE
Engine: IO-540-AB1A5

SN: 18280162
SN: L-26204-48A

TT Tach: 1172.5
TT Engine: 1172.5

1. Complied with annual inspection per Cessna Aircraft Inspection Sheets 5-10-01 and CFR 43 Appendix D.
2. Compression check: #1 74/80, #3 71/80, #5 73/80, #2 75/80, #4 71/80, #6 70/80.
3. Changed oil and filter, 8qts. Aeroshell 15w50 and AA48110-2. Cut & inspected old element. Oil suction screen inspected.
4. Serviced airfilter per Challenger ICA #Doc. 4003, Rev. E, dated 05-05-10.
5. Induction and exhaust systems inspected.
6. Cleaned, gapped, inspected and resistance checked sparkplugs.
7. Fuel servo inlet fuel screen cleaned.
8. Inspected fuel and oil lines.
9. Inspected engine mounting and baffling.
10. Inspected accessory mountings and wiring.
11. Checked engine controls for proper operation, travel, condition and lubed.
12. Washed engine and cowling.
13. Run up operational and leak checked engine.

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



Jim Kjeldgaard A & P 2098022

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1203 WEST 23RD STREET
FREMONT, NE 68025
(402)721-4520

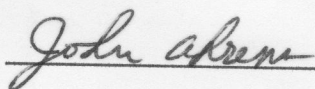
03/19/15 Cessna 182S N361TE
Engine: IO-540-AB1A5

SN: 18280162
SN: L-26204-48A

TT Tach: 1194.4
TT Engine: 1194.4

1. Complied with annual inspection per Cessna Aircraft Inspection Sheets 5-10-01 and CFR 43 Appendix D.
2. Compression check: #1 75/80, #3 75/80, #5 75/80, #2 73/80, #4 73/80, #6 70/80.
3. Changed oil and filter, 8qts. Aeroshell 15w50 and AA48110-2. Cut & inspected old element. Oil suction screen inspected.
4. Serviced airfilter per Challenger ICA #Doc. 4003, Rev. E, dated 05-05-10.
5. Induction and exhaust systems inspected.
6. Cleaned, gapped, inspected and resistance checked sparkplugs.
7. Fuel servo inlet fuel screen cleaned.
8. Inspected fuel and oil lines.
9. Inspected engine mounting and baffling.
10. Inspected accessory mountings and wiring.
11. Checked engine controls for proper operation, travel, condition and lubed.
12. Washed engine and cowling.
13. Run up operational and leak checked engine.

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



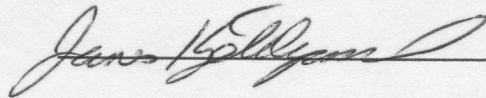
John Ahrens A & P 2187656

FREMONT AVIATION 1203 WEST 23rd STREET FREMONT, NE 68025 402-721-4520

03/23/16 Cessna 182S N361TE SN: 18280162 TT Tach: 1213.0
Engine: IO-540-AB1A5 SN: L-26204-48A TT Engine 1213.0

1. C/W annual inspection per Cessna Aircraft Inspection Sheets 5-10-01 and CFR 43 Appendix D.
2. Compression check: #1 70/80, #3 65/80, #5 73/80, #2 74/80, #4 72/80, #6 71/80.
3. Changed oil and filter, 8qts. Aeroshell 15w50 and AA48110-2. Cut & inspected old element. Oil suction screen inspected.
4. Serviced airfilter per Challenger ICA #Doc. 4003, Rev. E, dated 05-05-10.
5. Induction and exhaust systems inspected.
6. Cleaned, gapped, inspected and resistance checked sparkplugs.
7. Fuel servo inlet fuel screen cleaned.
8. Inspected fuel and oil lines.
9. Inspected engine mounting and baffling.
10. Inspected accessory mountings and wiring.
11. Checked engine controls for proper operation, travel, condition and lubed.
12. Washed engine and cowling.
13. C/W AD 2015-19-07 fuel injection lines Par e, 1, i, ii & SB342G, Page 31 Diagram 23. Due at engine OH/line maintenance.
14. Run up operational and leak checked engine.

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



Jim Kjeldgaard A & P 2098022 IA

FREMONT AVIATION 1203 WEST 23rd STREET FREMONT, NE 68025 402-721-4520

03/15/17 Cessna 182S N361TE SN: 18280162 TT Tach: 1231.5
Engine: IO-540-AB1A5 SN: L-26204-48A TT Engine: 1231.5

1. C/W annual inspection per Cessna Aircraft Inspection Sheets 5-10-01 and 14CFR 43 Appendix D.
2. Compression check: #1 75/80, #3 66/80, #5 71/80, #2 70/80, #4 72/80, #6 70/80.
3. Changed oil and filter, 8qts. Aeroshell 15w50 and AA48110-2. Cut & inspected old element. Oil suction screen inspected.
4. Serviced airfilter per Challenger ICA #Doc. 4003, Rev. E, dated 05-05-10.
5. Induction and exhaust systems inspected.
6. Cleaned, gapped, inspected and resistance checked sparkplugs.
7. Fuel servo inlet fuel screen cleaned.
8. Inspected fuel and oil lines.
9. Inspected engine mounting and baffling.
10. Inspected accessory mountings and wiring.
11. Checked engine controls for proper operation, travel, condition and lubed.
12. Washed engine and cowling.
13. Run up operational and leak checked engine.

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



Jim Kjeldgaard A & P 2098022 IA

03/19/18 Cessna 182S N361TE SN: 18280162

TT Tach: 1256.9

Engine: IO-540-AB1A5 SN: L-26204-48A

TT Engine: 1256.9

1. C/W Annual Inspection per Cessna Aircraft Inspection Sheets 5-10-01 and 14CFR 43 Appendix D.
2. Compression check: #1 76/80, #3 70/80, #5 73/80, #2 72/80, #4 72/80, #6 71/80.
3. Changed oil and filter, 8qts. Aeroshell 15w50 and AA48110-2. Cut & inspected old element. Oil suction screen inspected.
4. Serviced airfilter per Challenger ICA #Doc. 4003, Rev. E, dated 05-05-10.
5. Induction and exhaust systems inspected.
6. Cleaned, gapped, inspected and resistance checked sparkplugs.
7. Fuel servo inlet fuel screen cleaned.
8. Inspected fuel and oil lines.
9. Inspected engine mounting and baffling.
10. Inspected accessory mountings and wiring.
11. Checked engine controls for proper operation, travel, condition and lubed.
12. Removed defective top vacuum pump RA 215CC, S/N A6506. Installed Aero Accessories Inc overhauled P/N AA3215CC, S/N OB8N19. Cert # YV4R688M, W.O. 10B8N-0000.
13. AD 2017-16-11 connecting rod small end bushings N/A date of MFG or work performed.
14. Washed engine and cowling.
15. Run up operational and leak checked engine.

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

Greg Kjeldgaard

Greg Kjeldgaard A & P 3141398 IA



MAINTENANCE RECORD

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N361TE TACH & TOTAL 1267.8 H.M. 1432.6 DATE 10/12/2018 W.O. SV5681

ENGINE S/N: L-26201-48A
PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20. OIL AND FILTER CHANGED. COMPLIED WITH SB 480F OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 72 #2 70 #3 70 #4 73 #5 72 #6 68/80. COMPLIED WITH AD 2015-19-07 FUEL INJECTION LINE INSPECTION IN ACCORDANCE WITH LYCOMING SB 342G; NEXT INSPECTION DUE BY TACH 1377.8, ENGINE OVERHAUL OR LOOSENING OF CLAMPS. AD 2017-16-11 CONNECTING ROD INSPECTION PER LYCOMING SB 632B DOES NOT APPLY BY ENGINE S/N. AD'S CHECKED THROUGH 2018-21.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK, CHIEF INSPECTOR

SIGNATURE, TYPE IBER

3000 S. Palo Verde Rd.
Buckeye, AZ 85326
Cell: (480) 296-3305



N Number: 361TE
Tach: 1369.6
TSMOH: 1369.6
Date: 6/6/2019

Complied with AD 2015-19-07 (fuel injector lines) by inspection per MSB 342G, no defects noted, next due at clamp removal or Tach: 1469.6.

---END---

Chad Thomas
Signature

ASP 3417648
Certificate Number

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
12/16/18	Tach 1308 16085 1478	1 4	Oil change 8gts Philips XC20-50, new oil filter Champion CH48110-1, filter check good, oil analysis good	<i>[Signature]</i>
4/1/19	1342 1355	# 3	Oil change, 8gts Philips XC20-50, new oil filter Champion CH48110-1, filter check good, oil analysis good	<i>[Signature]</i>
7/14/19	1403	3	Oil change, 8gts Philips XC20-50, new oil filter Champion CH48110-1, filter check good, oil analysis good	<i>[Signature]</i>
10/28/19	1444	4	Oil change, 7gts Philips XC20-50, cleaned and inspected oil suction screen, oil filter Champion CH48110-1, oil filter chk good,	<i>[Signature]</i>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11/1/2019	1444.5		Replaced #16 5 intake hose PIN 69603 and gasket PIN 71978. Sucked intake tube into sump. Installed (12) new spark plugs PIN REMYDE. Timed LTR mag to 25° BDC per data tag. 1) 7:50 2) 7:50 3) 7:50 4) 7:50 5) 7:50 6) 7:50	<i>[Signature]</i> Wiggy Green AIP 3537342
11/1/2019	1444.5		c/w AD 2015-FI-07 fuel in lines by visual inspection SB 3426. Next inspection due at 1545 tach or next annual. I certify this engine has been inspected IAW an annual inspection and has been found to be in an airworthy condition.	<i>[Signature]</i> IA 3537342
11/28/19	14450		Oil change, 7gts Philips XC20-50, oil filter Champion CH48110-1, oil filter open & checked good, sample sent to Blackstone labs	<i>[Signature]</i>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11/27/19	1445.	3	Removed old and installed new oil pressure switch P/N 83278. Op and leak check satisfactory. <i>Wiggy Greacen A&P 3537342</i>	
			3/01/2020 N361TE S/N 18280162 TACH 1491,2	
			Removed (6) intake tube and hoses. Inspected intakes. Installed (6) new intake hoses P/N 69603, (6) new intake gaskets P/N 71973, and (12) intake hose clamps P/N 200-28H. Removed and inspected exhaust mufflers. Installed mufflers with new hardware, (6) bolts P/N AN3-15, (6) nuts P/N AN310-3, and (18) washers P/N AN960-3 & 3L. Reference Cessna C182 IPC and MM. Operational and leak checks performed. No defects noted. <i>Wiggy Greacen A&P, IA 3537342</i>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
3/1/20	1491	2	Oil change, 6 qts Philips XC20-50 Oil filter Champion CH48110-1, filter opened - good Oil analysis - Blackstone Labs	<i>Wiggy Greacen</i>
			5/30/2020 N361TE IO-540-AB1A5 S/N L-26204-48A TACH 1521.7	
			Adjusted fine pitch/high rpm stop on propeller governor. Safety wire secured after final adjustment. Reference Cessna C182 POH. Operational and leak checks performed. No defects noted. <i>Wiggy Greacen A&P, IA 3537342</i>	
10/9/20	1539	0	Oil change, 7 qts Philips XC20-50 Oil filter Champion CH48110-1, Filter cut open Analysis sent to Blackstone, - good	<i>Wiggy Greacen</i>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
10/5/20	1568	0	Oil change, 6 1/2 qts, Phillips XC 20-50W Filter Champion CH48110-1, Analysis Blackstone Cut open very clean - litt no carbon	<i>[Signature]</i>
2/23/21	1608	9	Oil change, 6 1/2 qts, Phillips XC 20-50W Filter Champion CH48110-1, Blackstone oil report good, Filter had more than usual carbon	<i>[Signature]</i>
5/13/21	1645	2	Oil change, 6 1/2 qts, Aeroshell W100 Filter Champion CH48110-1, Blackstone Same carbon as last change	<i>[Signature]</i>
7/20/21	1683	0	Oil change, 7 qts, Aeroshell W100 Plus Filter Champion CH48110-1, Sample to Blackstone Filter opened only carbon bits	<i>[Signature]</i>
9/2/21	1719	2	Oil change, 8 qts Aeroshell W100 Filter Champion CH48110-1, sample to Blackstone Filter opened only carbon bits	<i>[Signature]</i>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Aircraft: N361TE Tach Time: 1715.7</p> <p align="right">Date: 9/14/2021 TTAF: 1715.7</p>	
			<p>Installed Airwolf Filter Corp Air-Oil-Separator PN: AFC-W323-B in accordance with STC SA02268CH per installation instructions as listed on AML No. SA022268CH and drawing No. AFC-W360 Rev C. Removed air breather assembly, and removed crankcase plug at engine location ACC' OIL RETURN. Installed air syphon at location ACCY OIL RETURN. Negligible change in weight and balance. Installation determined to be in an airworthy condition.</p>	
			<p><i>[Signature]</i> Wiggy Greacen A&P/AT 35337342</p>	
9/14/2021	1715	7	<p>C/W Lycoming AD 2015-19-07(e) by visual inspection. Next due 1825.7 Tach hours</p>	<p><i>[Signature]</i> IA 35337342</p>

