

A Textron Company

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18381688

ENGINE MODEL AND SERIAL IO-540-ABIAS L-30740-48E

D5518-3-13

		(a) C	Sanf	Aine Av Airport I Ford, ME (D7 324-89	Road 04073
	Date: 1/17/25	Tach : 1335.0	TTE: 1335.0	N14007	IO-540-AB1
_	Performed an Annual in 2024-23. C/W by inspec	nspection and se	ervicing this da	ite IAW 14	CFR part 43

NATURE. TYPE A4 S/N L-30740-48E APP D checklist. Checked AD's BiWeekly fuel lines. Cleaned fuel nozzles. Compression test #1 78,#2 78,#3 72,#4 75,#5 68,#6 70. Changed oil and filter serviced with (9) Phillips 20w50 oil, and CH48110-1 filter. Cut open filter (clean). Exhaust system inspected. Cleaned gaped and rotated plugs. Checked magneto to ENG timing. (500 hr due at 1576.4) Inspected engine controls. Installed new FWD crank shaft oil seal P/N LW 13792. Removed Alternator P/N 9910592-3 and installed overhauled ALT S/N H-Y080159. Ground run up check satisfactory. A/C return to service. I certify that this Engine has been inspected IAW an Annual inspection and has been determined to be in Airworthy condition. Brian Westover AP 2664808 IA September 12, 2025 ENGINE TACH = 1356.4 Hobbs/578.00 N1176R D. Drained engine oil and replenished W / 8qts. Phillips 15/50XC oil and Changed oil filter w/ new

CH48110 and checked screens for debris, none found. Leak Check passed OK fir service.

David G. Cobb A&P 2680270 I/A

		10/16/2023	N1176R	W/O PCA-P2723					
DATE		AIRCRAFT	Cessna 182T / S/N 18281688	HOBBS: 1383.3					
	нс	ENGINE	IO-540-AB1A5 / S/N L-30740-48E	TACH: 1196.7					
	 Drained oil, removed and inspected filter for contamination, no defects noted. Replaced with new filter P/N CH48110-1. Serviced Engine with 9 quarts Phillips 20W-50 XC. Performed Ops check. No leaks noted. 								
	I certify this aircraft has been inspected / repaired in accordance with the current manufacturer's maintenance manuals, and current FAA regulation: With the respect to the inspections / work performed the aircraft identified above is found to be in airworthy condition and is returned to service. AUTHORIZED SIGNATURE: FOR: FAA REPAIR STATION #P49R490N PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801								
		02-16-2024	N1176R	W/O PCA-P2888	7				
		AIRCRAFT	Cessna 182T S/N 18281688	HOBBS: 1424.3 AFTT: 1230.1	1				
		ENGINE	IO-540-AB1A5 S/N L-30740-48E	TACH: 1230.1	┪				
	_		pection IAW Cessna 182SMM: Revision 24 Ch.		_				
		 Compression test results: 1) 78 Removed leaking rubber oil re Performed engine run no defectify this ENGINE has been inspected in according to the compression of the compression of the compression test results: 1) 78 	ordance with an Annual Inspection . The work / inspection	0. STD-1821. Ins listed above were performed in accordance					
	with the current manufacturer's maintenance manuals and current FAA regulations. With the respect to the inspections / work performed the aircraft identified above is found to be in airworthy conditionand is returned to service. AUTHORIZED SIGNATURE: FOR: FAA REPAIR STATION #P49R490N								
	POR	T CITY AIR, INC. / NEW HAMPSHIRE HE	LICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NI	4 03801					
		05 20 2004			_				
	-	05-29-2024	N1176R	W/O PCA-P3089					
	L	AIRCRAFT	Cessna 182T S/N 18281688	TACH: 1271.2					
	- I ce	filter P/N CH48110-1, service	sample and removed filter. Inspected filter for coordinate with 9 qts Phillips 20W50 XC. Performing in accordance with the current manufacturer's main	med ons-check no leaks or defects noted					
ATE	— AU	THORIZED SIGNATURE: CAN CART CITY AIR, INC. / NEW HAMPSHIRE HE	formed the aircraft identified above is found to be in air	worthy condition and is returned to service.	SIGNAT TE TYP BER				
		1 1		1					
		09-25-2024	N1176R	W/O PCA-P3316	7				
		AIRCRAFT	Cessna 182T S/N 18281688	HOBBS: 1526.6 AFTT: 1313.7	-				
ļ				110000. 1020.0 111 11. 1515.7	1				
		20W50 XC. Ground run-up, op	IO-540-AB1A5 S/N L-30740-48E e oil. Sample was sent to Blackstone for analysis. Installed a new oil filter P/N: CH48110-1 and terational and leak check good	TACH: 1313.7 is. Removed, cut and inspected the oil serviced engine with 9 qts Phillips	_				
	AUT	Drained and sampled the engin filter – no contamination found 20W50 XC. Ground run-up, oping this engine has been inspected / repaire the respect to the inspections / work performance.	IO-540-AB1A5 S/N L-30740-48E e oil. Sample was sent to Blackstone for analysi . Installed a new oil filter P/N: CH48110-1 and perational and leak check good. ed in accordance with the current manufacturer's maintee to the engine identified above is found to be in airwormed the engine identified above is found to be in airwormed.	TACH: 1313.7 is. Removed, cut and inspected the oil serviced engine with 9 qts Phillips enance manuals, and current FAA regulations. orthy condition and is returned to service.					
	AUT	Drained and sampled the engin filter – no contamination found 20W50 XC. Ground run-up, oping this engine has been inspected / repaire the respect to the inspections / work performance.	IO-540-AB1A5 S/N L-30740-48E e oil. Sample was sent to Blackstone for analys. Installed a new oil filter P/N: CH48110-1 and perational and leak check good. ed in accordance with the current manufacturer's maintenance the engine identified above is found to be in airwood.	TACH: 1313.7 is. Removed, cut and inspected the oil serviced engine with 9 qts Phillips enance manuals, and current FAA regulations. orthy condition and is returned to service.					
	AUT	Drained and sampled the engin filter – no contamination found 20W50 XC. Ground run-up, oping this engine has been inspected / repaire the respect to the inspections / work performance.	IO-540-AB1A5 S/N L-30740-48E e oil. Sample was sent to Blackstone for analys. Installed a new oil filter P/N: CH48110-1 and perational and leak check good. ed in accordance with the current manufacturer's maintenance the engine identified above is found to be in airwood.	TACH: 1313.7 is. Removed, cut and inspected the oil serviced engine with 9 qts Phillips enance manuals, and current FAA regulations. orthy condition and is returned to service.					

DATE 1-10-2023 W/O PCA-P2163 Engine Lycoming 1-500 APILIT S/N 18281688 Tach: 1107.5 TTAE: 1107.5	URE,
W/O PCA-P2163	'E
Figure 1 very Cessna 182T S/N 18281688 Tach: 1107.5	
Engine I veoming Cessna 1821 S/N 18281688	
10-540-AB1A5 S/N L-30740-48F	
• Inspected filter for contamination, none found. Inspected filter for contamination, none found. Install a real filter for contamination found.	
• Install a new filter P/N CH48-110-1.	
• C/W a ground run up; no leaks noted.	
• C/W compression test #12 70/80 #22 70/80	
• C/W compression test #1) 79/80 #2) 78/80 #3) 79/0 #4) 78/80 #5) 78/80 #6)78/80 PSI	
FAA regulations. With repeated it epatied in accordance with the current manufactureries.	_
FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to AUTHORIZED SIGNATURE	1
AUTHORIZED SIGNATURE (a) Service	1
AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 22004	
AUTHORIZED SIGNATURE AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801	
1 1 1	



5-10-2023	N1176R	Tach: 1131.4		
W/O PCA-P2416	Cessna 182T S/N 18281688	TTAF: 1131.4		
Engine Lycoming	IO-540-AB1A5 S/N L-30740-48E	ETT: 1131.4		

RIZED SIGNATURE, ITIFICATE TYPE & NUMBER

- Drained oil. Removed and inspected oil filter. No defects noted.
- Installed new filter P/N CH48-110-1.

F 1/ 2022

- Serviced engine with 9 quarts of Phillips 20W50 XC.
- C/W a ground run up; no leaks noted.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturer's maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be in airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE MARK CRISP FOR: FAA REPAIR STATION # P49R490N PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801

08-30-2023	N1176R	W/O PCA-P2624
AIRCRAFT	Cessna 182T / S/N 18281688	HOBBS: 1340.5
ENGINE	IO-540-AB1A5 / S/N L-30740-48E	TACH: 1159.9

- Drained oil, removed and inspected filter for contamination, no defects noted. Replaced with new filter P/N CH48110-1.
- Serviced Engine with 9 qts. Phillips 20W50 XC.
- Performed Ops check. No leaks noted.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturer's maintenance manuals, and current FAA regulations. With the respect to the inspections / work performed the aircraft identified above is found to be in airworthy condition and is returned to service.

AUTHORIZED SIGNATURE: WWW FOR: FOR: FAA REPAIR STATION #P49R490N
PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801

4. Replaced all cylinders with new Lycoming PN: 05K21117.	CE RECORD	MAINTE	
Acro Service of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 540-665-0193	a 1182T MM.	Cylinder #1 – SN: HC-09: 16218566-004 Cylinder #2 – SN: HC-08: 16218566-014 Cylinder #3 – SN: HC-01: 16218566-016 Cylinder #4 – SN: HC-01: 16218566-025 Cylinder #5 – SN: HC-02: 2034510919001 Cylinder #6 – SN: HC-07-482218566-082 5. All work performed following Lycoming and 6. Ops checked satisfactory with no leaks at this C/W AD 2011-26-04 Fuel injection lines IAW A	HOUI
Winchester, VA 540-665-0193		Aero Service of Winchester, Inc.	
	Nicholas Bousquet AP3359966IA	Winchester, VA	l v
			Г

DATE	ENGI PERFORM CHANGE SPARK PL ALL ROC LYCOMIN I CERTIFY CONDITION THE AIRC ADMINIST	NED A 100 D. COMP UGS CLEA KER COV NG SB 342 THIS ENG ON. CRAFT IDE	4912 S. Colli	ACCORDANCE OIL FILTER & SUC. (GNETO TO ENG. W P/N: 0682666 DUE BY TACH 120 TED IN ACCORD REPAIRED ANE. R RETURN TO SER	WITH FAR 43 WITH R CTION SCREEN INSPE TINE TIMING CHECKE 9. COMPLIED WITH 03.2, ENGINE OVERH DANCE WITH A 100 D INSPECTED IN AC	P.2 DATE 1 EFFERENCE TO CESS ECTION. SERVICED I D. COMPRESSION I AD 2015-19-07 FUE AUL OR LOOSENIN HOUR/ANNUAL INSECORDANCE WITH	FAA CRS 1/3/2023 SNA MAINTENANGENGINE WITH PHI TEST: #1 76 #2 72 EL INJECTION LIN TIGO OF CLAMPS. ASPECTION AND WELL THE CONTRACT OF CLAMPS. ASPECTION AND WELL THE CURRENT REG	VNFR171L W.O. SV105 CE MANUAL 182SMM LLIPS 20W50 OIL AND #3 77 #4 76 #5 74 #. IE INSPECTION IN ACAD'S CHECKED THRO VAS DETERMINED TO ULATIONS OF THE F	M21. OIL AND FILTER D AA48110-2 FILTER. 6 75/80. REPLACED CCORDANCE WITH OUGH 2023-01. D BE IN AIRWORTHY	SIGNATURE, ITE TYPE 4BER
- 6	PAUL PAI	RK, CHIEF	INSPECTOR							

	MAINTENANCE RECORD	
DATE HC	 Performed compression check with the following results. #1 70/80 #2 787/80 #3 74/80 #4 76/80 #5 78/80 #6 72/80 Replaced right & left magnetos w/ new. a. Left – PN: 6351 – SN: 20100317 b. Right – PN: 6351 – SN: 20100318 Washed engine and lubricated controls. Changed oil and oil filter AA48110-2 and added 9 quarts of Aeroshell 15w50 oil. Collected oil sample for analysis. Replaced baffling buttons. Inspected all accessories and hardware for security and serviceability. Post maintenance turn performed satisfactory with no leaks noted at this time. C/W AD 2011-26-04 by inspection of fuel injection lines, Next Due @ 1176.4 	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Lexi Sowers A&P 3951596	Hour
	November 12, 2021 N1176R C-182T Tach: 1081.2 TET: 1081.2 1. Performed 100 Hour Inspection IAW Scope and Detail of FAR 43 Appendix D.	
DATE	 Performed compression check with the following results. #1 74/80 #2 75/80 #3 74/80 #4 74/80 #5 75/80 #6 74/80 Washed engine and lubricated controls. Changed oil and oil filter AA48110-2 and added 9 quarts of Aeroshell 15w50 oil. Collected oil sample for analysis. Inspected all accessories and hardware for security and serviceability. Post maintenance turn performed satisfactory with no leaks noted at this time. C/W AD 2011-26-04 by inspection of fuel injection lines, Next Due @ 1181.2 	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 I certify that this ENGINE has be inspected in accordance with a 10 inspection and determined to be inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspected in accordance with a 10 inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspection and determined to be inspected in accordance with a 10 inspected in accor	0 Hour

January 2, 2018 N1176R C-182T Tach: 1 1. Performed 100 Hour Inspection IAW Sc. 2. Performed compression check with the 1 #1 78/80 #2 75/80 #3 76/80 #4 78/80 3. Checked magneto to engine timing as re 4. Washed engine and lubricated controls. 5. Changed oil and oil filter CH48110-1 and 6. Collected oil sample for analysis. 7. Inspected all accessories and hardware for the second of the sec	November 9, 2018 N1176R C182T Tach: 1 1. Installed new #2 EGT probe PN: 86343. 2. Performed operational check satisfactory Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193			
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition. John Tiedemann A&P4038413	ıman A	ch: 1057.8	
	·	&P254307		
	MAINTENANCE RECORD			
January 16, 2019 N1176R C-182T Tag	ch: 1058.0 TET+ 1058.0		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
 Performed 100 Hour Inspection IAW Performed compression check with t #1 71/80 #2 77/80 #3 72/80 #4 7 Checked magneto to engine timing a Washed engine and lubricated control 	V Scope and Detail of FAR 43 Appendix D. he following results. V8/80 #5 73/80 #6 75/80 s required.		d NOWDEN	
 5. Changed oil and oil filter CH48110- 6. Collected oil sample for analysis. 7. Inspected all accessories and hardwa 8. Installed new air induction filter PN: 	l and added 9 quarts of Aeroshell 15w50 oil			
 Installed all 6 new valve cover gaske Post maintenance turn performed sat 	its.			
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	I injection lines, Next Due @ 1158.0 I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in			
540-665-0193	airworthy condition. Fer' Fedm Levi Jordan A&P4044180			

1017-1	IVI Interior State of the	
May 17, 2016 N1176R C182T Tach: 972.8	ERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1. Installed new spark plugs in #4 position.		
2. Post Maintenance turn performed satisfactor		
Aero Services of Winchester, Inc.		
615 Airport Road Suite 107 Winchester, VA 22602		
540-665-0193 P. Daniel Poston A&	P3494031	
1 1 1		
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		The state of the s
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N	MAINTENANCE RECORD	
		AUTHORIZED SIGNATURE, CERTIFICATE TYPE
September 7, 2016 N1176R C-182T Tach: 991.	9 TET: 991.9	& NUMBER
1. Performed 100 Hour Inspection IAW Scope a		
2. Performed compression check with the follow		
#1 74/80 #2 74/80 #3 72/80 #4 74/80 #5 3. Installed all new spark plugs in upper and low		
4. Checked magneto to engine timing and adjust		
Washed engine and lubricated controls.		
6. Changed oil and oil filter AA48110-2 and add	led 9 quarts of Aeroshell 15w50 oil.	
- 7. Collected oil sample for analysis.		
8. Inspected all accessories and hardware for see9. Replaced all valve cover gaskets.	curity and serviceability.	
10. Post maintenance turn performed satisfactory	with no leaks noted at this time.	
C/W AD 2015-19-07 by inspection of fuel injection	on lines, Next Due @1091.9	
Aero Services of Winchester, Inc.	I certify that this ENGINE has been	
615 Airport Road Suite 107	inspected in accordance with an 100 Hour	
- Winchester, VA 22602 540-665-0193	inspection and determined to be in airworthy condition.	
	J. DO. 41.	
	Jonathan Hisghman A& 254307	

February 2 2014 N1176D C 192T T	-1.0041	AUTHORIZED SIGNATURE,					
February 3, 2014 N1176R C-182T T 1. Performed 100 Hour Inspection IAW Sco	acn: 904.1 pe and Detail of FAR 43 Annendix D	CERTIFICATE TYPE & NUMBER					
Performed compression check with the fo	2. Performed compression check with the following results.						
#1 74/80 #2 72/80 #3 72/80 #4 74/80 3. Cleaned, gapped and rotated spark pluss							
, Sapper and rotated spark plags							
5. Ultrasonically cleaned fuel injectors.	garage to the same time adjusted as required.						
Washed engine and lubricated controls.							
7. Changed oil and oil filter CH48110-1 and	added 9 quarts of Aeroshell 15w50 oil.						
8. Collected oil sample for analysis.9. Inspected all accessories and hardware for	security and serviceability						
10. Post maintenance turn performed satisfact	ory with no leaks noted at this time.						
C/W AD 2011-26-04 by inspection of fuel injection							
Aero Services of Winchester, Inc.							
515 Airport Road Suite 107	I certify that this ENGINE has been inspected in accordance with an 100 Hour						
Winchester, VA 22602 540-665-0193	inspection and determined to be in						
340-003-0123	airworthy condition.						
	3020M FUTATO						
	Joseph M. Furtado A&P3364979						
	MAINTENANCE RECORD						
T	52-	AUTHORIZED SIGNATURE,					
June 5, 2015 N1176R C-182T	Гасh: 944.1	CERTIFICATE TYPE & NUMBER					
2. Performed compression check with	W Scope and Detail of FAR 43 Appendix D.	a NUMBER					
#1 76/80 #2 76/80 #3 74/80 #4	74/80 #5 76/80 #6 74/80						
Cleaned, gapped and rotated spark	olugs						
4. Checked magneto to engine timing5. Ultrasonically cleaned fuel injector	and adjusted as required.						
Washed engine and lubricated cont	rols						
Changed oil and oil filter CH48110	-1 and added 9 quarts of Aeroshell 15w50 oil.	•					
6. Concled on sample for analysis							
	are for security and serviceability. attisfactory with no leaks noted at this time.						
C/W AD 2011-26-04 by inspection of fue	l injection lines, Next Due @ 1044.1						
Aero Services of Winchester, Inc.							
615 Airport Road Suite 107	I certify that this ENGINE has been inspected in accordance with an 100 Hour						
Winchester, VA 22602 540-665-0193	inspection and determined to be in airworthy condition.						
	Affin -						
	Jonathan Hisghman A&P254307						

B # #	ABA	TE	AIA	NICE	DE	COR	D
KVI A	A H K	VI II 1200		1710 - 19		C - C 11 15-5	

 Performed compression check with #1 75/80 #2 70/80 #3 72/80 #4 Cleaned, gapped and rotated spark Checked magneto to engine timing Ultrasonically cleaned fuel injector Washed engine and lubricated control Changed oil and oil filter CH48110 Inspected all accessories and hardw Post maintenance turn performed sa 	W Scope and Detail of FAR 43 Appendix D. the following results. 75/80 #5 73/80 #6 70/80 plugs and adjusted as required. s. rols1 and added 9 quarts of Aeroshell 15w50 oil.	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
 Removed Forward EMA PN Removed Aft EMA PN: 508 	Assembly (EMA) for Factory Re-New process.: 508358-409 SN: LN04010071.	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
5. Tested air bag seat belt syste Aero Services of Winchester, Inc. 615 Airport Road Suite 107 -Winchester, VA 22602 540-665-0193	AND AND THE PARTY OF THE AND	

DATE	T 2 2014	2111 E CD C 100 E I 04	0.0 11111111111111111111111111111111111	
DAIL	January 2, 2013	N1176R C-182T Tach: 84	0.3 TAT: 840.3	AUTHORIZED SIGNATURE,
	1. Performed 1	00 Hour Inspection IAW the Scop	e and Detail of FAR43 Appendix D.	CERTIFICATE TYPE & NUMBER
	2. Performed co	ompression check with the following	g results:	a nomber
	#1 74/80 #2	72/80 #3 74/80 #4 76/80 #5 75/8	80 #6 74/80	
		ped and rotated all spark plugs.	1	
	4. Changed oil	and oil filter CH48110 and added 9	quarts Aero Shell 15w50.	
		sample for analysis.		
		replaced o-rings in gasolator.		
	Checked mag	gneto to engine timing, and adjuste	d as required.	
	8. Washed engi	ne and lubricated controls.		
	9. Inspected all	accessories and hardware for secur	rity and serviceability.	
	10. Post mainten	ance turn performed satisfactory w	ith no leaks found.	
	C/W AD2008-14-07 I	by inspection of fuel injection line	es, next due @ 940.3	
	2			
	Aero Services of Winchest		I certify that this ENGINE has been	
	615 Airport Road Suite 10	7	inspected in accordance with an 100 Hour inspection and determined to be in	
	Winchester, VA 22602 540-665-0193		airworthy condition.	
	340-003-0173			
	15			
	j		Nicholas Bousquet A&P3359966	
	1 1			
		MAINT	ENANCE RECORD	
DATE	TOTAL TIME IN SERVICE			AUTHORIZED SIGNATURE
DATE	IN SERVICE		ENANCE RECORD ON OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
DATE				CERTIFICATE TYPE
DATE	IN SERVICE	DESCRIPTI	ON OF THE WORK PERFORMED	CERTIFICATE TYPE
DATE	IN SERVICE	DESCRIPTION DE CONTROL DE CO	ON OF THE WORK PERFORMED 82T Tach: 853.8	CERTIFICATE TYPE
DATE	IN SERVICE	DESCRIPTION DE CONTROL DE CO	ON OF THE WORK PERFORMED	CERTIFICATE TYPE
DATE	IN SERVICE	July 25, 2012 N1176R C1	ON OF THE WORK PERFORMED 82T Tach: 853.8	CERTIFICATE TYPE
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated a Aero Services of Winchester, Inc. 615 Airport Road Suite 107	ON OF THE WORK PERFORMED 182T Tach: 853.8	CERTIFICATE TYPE & NUMBER
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated a Acro Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated a Aero Services of Winchester, Inc. 615 Airport Road Suite 107	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated a Acro Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER
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DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated at Acro Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated at Acro Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER
DATE	IN SERVICE	July 25, 2012 N1176R C1 1. Cleaned, rotated at Acro Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	ON OF THE WORK PERFORMED 1.82T Tach: 853.8 and gapped all spark plugs.	CERTIFICATE TYPE & NUMBER

DATE TOTAL TIME		TIME	June 7, 2010 N1176R C-182T Tac 1. Changed oil and oil filter CH48110 at 2. Post maintenance turn performed satis	AUTHORIZED SIGNATURE,	
DATE	IN SER			1 10 12 2	CERTIFICATE TYPE
	HOURS	10THS	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	Jonathan Hisghman A&P254307	& NUMBER
·			August 25, 2010 N1176R C-182T 1. Changed oil and oil filter CH48110 ar 2. Collected oil sample. 3. Post maintenance turn performed satis	nd added 9 qts. of 15W50 Aero Shell oil.	
			Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	Justin Craig Farris A&P3146596	:
			MAINTENAN	CE RECORD	
DATE	1.	Perfo	13, 2010 N1176R C-182T Tach: 78 ormed 100 hour inspection IAW approved the ormed compression check with the following respection.	ecklist.	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	3.	#1 7 Clear Chec	2/80 #2 75/80 #3 72/80 #4 72/80 #5 74/80 # ned, gapped and rotated all spark plugs. sked magneto to engine timing, and adjusted as ected propeller, spinner and dressed L/E of blace	#6 72/80 required.	
	6. 7 8	. Was . Inspe . Rem	hed engine and lubricated controls. ected all accessories and hardware for security oved birds nest from engine. tened mixture control support bracket at servo.	and serviceability.	
	C/W	0. Post AD200 8	maintenance turn performed satisfactory with r 8-14-07 by inspection of fuel injection lines, n	no leaks found. next due @ 882.5	
	615 Ai Winch		f Winchester, Inc. ad Suite 107 a. 22602	I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.	
				Arthur L. Atwood II A&P3168854	

1. Performed 100 Hour Inspection IAW approved checklist. 2. Performed compression check with the following results: #1 72/80 #2 75/80 #3 74/80 #4 74/80 #5 76/80 #6 73/80 3. Cleaned, gapped and rotated spark plugs. 4. Changed oil and oil filter CH48110 and added 9 qts. of 15W50 Aero Shell oil. 5. Checked magneto to engine timing and adjusted as required. 6. Inspected propeller, spinner and dressed L/E of blades. 7. Washed engine and lubricated controls. 8. Inspected all accessories and hardware for security and serviceability. 9. Installed all new valve cover gaskets. 10. Tightened oil drain back tube and clamps. 11. Tightened intake boots, re-secured loose wires and broken spot ties. 12. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 Inspected in accordance with an 100 Hour inspection and determined to be in				MAINTENANCE	RECORD	
August 27, 2009 N1176R C-182T Tach: 605.1 1. Changed oil and oil filter PN: CH48110-1 and added 9 qts 15W50 Aeroshell. 2. Inspected oil sender wires and assorted devices. All connections are secure. 3. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 \$46-665-1193 May 6, 2009 C182T N1176R Tach: 567.3 1. Changed oil and oil filter CH48110-1 and added 9 quarts 15w50 Aero Shell. 2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory. Jonathan Hisghman A&P254307 MAINTENANCE RECORD MAINTENANCE RECORD MAINTENANCE RECORD DATE December 23, 2009 N1176R C-182T Tach: 662.6 1. Performed 100 Hour Inspection IAW approved checklist. \$\frac{\pmathrm{1}}{17280} \pmathrm{2} \text{ 37 7480 } \pmathrm{4} \text{ 47480 } \pmathrm{5} \text{ 76780 } \pmathrm{6} \text{ 67380} \text{ 37 1800} \text{ 37 1800 } \text{ 38 1800 } \	DATE		VICE	DESCRIPTION OF THE WOR	RK PERFORMED	CERTIFICATE TYPE
December 23, 2009 N1176R C-182T Tach: 662.6 1. Performed 100 Hour Inspection IAW approved checklist. 2. Performed compression check with the following results: #1 72/80 #2 75/80 #3 74/80 #4 74/80 #5 76/80 #6 73/80 3. Cleaned, gapped and rotated spark plugs. 4. Changed oil and oil filter CH48110 and added 9 qts. of 15W50 Aero Shell oil. 5. Checked magneto to engine timing and adjusted as required. 6. Inspected propeller, spinner and dressed L/E of blades. 7. Washed engine and lubricated controls. 8. Inspected all accessories and hardware for security and serviceability. 9. Installed all new valve cover gaskets. 10. Tightened oil drain back tube and clamps. 11. Tightened intake boots, re-secured loose wires and broken spot ties. 12. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE TYPE & NUMBER AUTHORIZED SIGNAT CERTIFICATE CERTIFICATE CERTIFICATE CERTIFICATE CERTIFICATE AUTHORIZED SIGNAT CERTIFICATE C		HOURS	Auro 615 Aero Wino	1. Changed oil and oil filter PN: CH48110- 2. Inspected oil sender wires and assorted d 3. Post maintenance turn performed satisfact Services of Winchester, Inc. Airport Road Suite 107 thester, VA 22602 May 6, 2009 C182T N1176 1. Changed oil and oil filter C 15w50 Aero Shell. 2. Washed engine and lubrica 3. Post maintenance turn perf	1 and added 9 qts 15W50 Aeroshell. evices. All connections are secure. etory with no leaks found. Nicholas Bousquet A&P3359966 R Tach: 567.3 CH48110-1 and added 9 quarts atted controls. Formed satisfactory.	
1. Performed 100 Hour Inspection IAW approved checklist. 2. Performed compression check with the following results: #1 72/80 #2 75/80 #3 74/80 #4 74/80 #5 76/80 #6 73/80 3. Cleaned, gapped and rotated spark plugs. 4. Changed oil and oil filter CH48110 and added 9 qts. of 15W50 Aero Shell oil. 5. Checked magneto to engine timing and adjusted as required. 6. Inspected propeller, spinner and dressed L/E of blades. 7. Washed engine and lubricated controls. 8. Inspected all accessories and hardware for security and serviceability. 9. Installed all new valve cover gaskets. 10. Tightened oil drain back tube and clamps. 11. Tightened intake boots, re-secured loose wires and broken spot ties. 12. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 Inspected in accordance with an 100 Hour inspection and determined to be in				MAINTENANG	CE RECORD	
540-665-0193 airworthy condition:	DATE	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. Aero Ser 615 Airp Winches	Perform Perform #1 72/3 Cleaned Change Checke Inspect Washed Inspect Installe Tighter Tighter Post m rvices of Woort Road ster, VA 2	ned 100 Hour Inspection IAW approved chested compression check with the following results of the second sec	ecklist. sults: '80 #6 73/80 of 15W50 Aero Shell oil. required. es. and serviceability. proken spot ties. to leaks found. I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in	

Nicholas Bousquet A&P3359966

MAINTENANCE RECORD AUTHORIZED SIGNATURE. TOTAL TIME DATE CERTIFICATE TYPE DESCRIPTION OF THE WORK PERFORMED IN SERVICE & NUMBER HOURS 10THS October 24, 2008 N1176R C-182T Tach: 540.4 1. Changed oil and oil filter CH48110-1 and added 9 qts. of Aeroshell 15w50. 2. Collected oil sample. 3. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. Micholas Bousquet A&P3359966 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 MAINTENANCE RECORD TOTAL TIME AUTHORIZED SIGNATURE, DATE IN SERVICE **CERTIFICATE TYPE** DESCRIPTION OF THE WORK PERFORMED **NUMBER** HOUF December 16, 2008 N1176R C-182T Tach: 544.7 1. Performed 100 Hour Inspection IAW approved checklist. 2. Performed compression check with the following results: #1 76/80 #2 76/80 #3 74/80 #4 74/80 #5 76/80 #6 72/80 3. Cleaned, gapped and rotated spark plugs. 4. Installed 6 new spark plugs in lower cylinder. Checked magneto to engine timing and adjusted as required. Inspected propeller, spinner and dressed L/E of blades. Washed engine and lubricated controls. 7. 8. Inspected all accessories and hardware for security and serviceability.

Post maintenance turn performed satisfactory with no leaks found.

Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193

9.

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Nicholas Bousquet A&P3359966

			MAINTENANCE DECOR	
DATE	TOTAL TI	VICE I	March 18, 2008 C182T Tach: 436.4	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	I ANTIIC I	2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory.	
1	1	1	3. FOST III allifeliance dans de la companya de la	
	1	1 1	hat Ill	
	L	<u>'</u> ı	Andrew B. Phillips A&P3164589	
	1	ί ,		
}	T	3 200	08 N1176R C-182T Tach: 487.2	
	1.	. Chan	nged oil and oil filter CH48110-1 and added 9 qts. of Aeroshell 15w50.	
	2.	. Colle	ected oil sample for analysis.	
•	3.	, Wasi Post	hed engine and lubricated controls. maintenance turn performed satisfactory with no leaks found.	
	4.	. บรโ		',
; •	A 0 = "	rvice	Winchester, Inc.	Luc
!	615 Airp	port Road	d Suite 107 , Jonathan G. Hisghman A&P2	254307
		ster, VA		
1	- J 503		e e e e e e e e e e e e e e e e e e e	
		1		
		_	MAINTENANCE RECORD	
DATE	1			AUTHORIZED SIGNATUI CERTIFICATE TYPE
			2008 C-182T N1176R Tach: 514.0	& NUMBER
			ed oil and oil filter CH48110-1 and added 9 quarts Aeroshell ted oil sample for analysis	LIDWOU.
			ted oil sample for analysis. d engine and lubed controls.	
			a engine and lubed controls. aintenance turn performed satisfactory.	n'n -
				<u></u>
	615	Airport F	s of Winchester, Inc. Road Suite 107 Arthur L. Atwood II A&P3168854	TOPOTOR
		chester, \	VA 22602	
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	TOTAL TIME IN SERVICE DESCRIPTION OF THE WORK PERFORMED		AUTHORIZED SIGNATURE, CERTIFICATE TYPE	
HOURS	10THS		& NUMBER	
		August 1, 2007 N1176R C-182R Tach: 298.8 1. Changed oil and oil filter CH48110-1 and added 9 quarts Aeroshell 15w50. 2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory. Changed oil ad oil filter, added 9 quarts of 15w50 Aeroshell. 2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory. Aeroshell		

DATE	TOTAL 1 IN SERV HOURS		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	+	1. P 2. F 3. C 4. C 5. C 6. I 7. N 8. I	er 17, 2007 N1176R C-182T Tach: 387.2 erformed 100 Hour Inspection IAW approved checklist. erformed compression check with the following results: 176/80 #2 76/80 #3 76/80 #4 78/80 #5 78/80 #6 72/80 eleaned, gapped and rotated spark plugs. Thecked magneto to engine timing and adjusted as required. Thanged oil and oil filter CH48110-1 and added 9 qts. of Aeroshell 15w50. Inspected propeller, spinner and dressed L/E of blades. Vashed engine and lubricated controls. Inspected all accessories and hardware for security and serviceability. Post maintenance turn performed satisfactory with no leaks found.	
<u> </u>	61: W	5 Airpor	I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition. Andrew B. Phillips A&P3164589	

			MAINTENANCE RECORD	
DATE	TOTAL IN SERV			UTHORIZED SIGNATURE, CERTIFICATE TYPE
	HOURS	10THS	January 3, 2007 N1176R Tach: 256.7 1. Changed oil and oil filter CH48110	& NUMBER
			1. Changed oil and oil filter CH48110-1 and added 9 quarts of 15w50 Aero Shell.	
		[2. Washed engine and lubricated controls.	
			3. Post maintenance turn performed satisfactory.	
		ŀ	Herston	
		ľ	J.Hisghman A&P254307	
			·	
1	1		April 9, 2007 N1176R Tach: 256.9 Hobbs 295.9	
			1. Changed oil and oil filter CH48110-1 and added 9 quarts 15w50 Aero Shell.	
	1		2. C/W AD 02-26-01 By inspection of primmer lines.	
1	1		3. Post maintenance turn performed satisfactory.	
			Intha & Anghora	
			Jonathan Hisghman A&P254307	
			MAINTENANCE RECORD	
DATE		L TIME RVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
	HOURS	10THS	DESCRIPTION OF THE WORK EXTRACTOR	& NUMBER
	1	May	10, 2007 C-182 N1176R TACH: 266.0	•
	1	- I	Installed O/H warranty ALT P/N 9010502 3DV S/N A 140074	
	1	_	Removed ALT F/II 9910597-1 S/N A-1/1869-11-6	
		_ _	Post maintenance turn performed satisfactory.	1
	\ \	Aero S 615 Air	ervices of Winchester, Inc.	
		Winch 540-66	ester, VA 22602 Arthur L. Atwood II A&P3168854	· .
	+	+		
	l	1		

3. Tightened #4 v	and lubricated controls. alve cover screws. tle rod end jam nut.	
	ce turn performed satisfactory.	
Aero Services of Winchester, Inc 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	June 8, 2006 N1176R Tach: 116.0 1. Changed oil and oil filter and added 9 quarts 100w50 Aero Shell oil.	
	2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory.	
	Justin D. Woldorf A&P # Pending	

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
	HOURS	10THS		& NUMBER
			Hagerstown Aircraft Services, Inc. Certified Repair Station: CRS H5GRO500 14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604	
			DATE 10/19/06 HOBBS 174.5 Eng TT 174.5 W.O.# 0610410 N# 1176R MAKE LYC MODEL 10-540AB1A5 S/N L-30740-48E Changed oil and filter. Inspected filter element & suction screen I/A/W Lyc.S/B480E. No metals found. Resecured suction screen & installed new filter, CH48110-1. Serviced eng. with 9qts. Aeroshell 15w-50 oil. Comp. checked cyls. #1 76 #2 72 #3 70 #4 76 #5 72 #6 74 over 80psi. Checked magneto timing on eng. Serviced spark plugs. Performed engine operational checks, and inspected for oil leaks. C/W A.D 2002-26-01 Fuel Inj. Lines insp. per Lyc. S/B 342E. Reinsp. @ Tach 274.5 hrs. or line removal. A.Ds checked thru 2006-20. I certify this engine has been inspected for an annual inspection and has been determined to be in airworthy condition and is approved for return to service. All work was performed I/A/W manufacturer's maintenance manuals and current federal aviation regulations. See above work order for further details. Signed: A Settle Services Inc Hagerstown, MD 21742 FAA Approved Repair Station H5GROSOO	

DATE	TOTAL IN SER HOURS		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
10/31	3	5	Engine model IO-540-AB1A5, S/N <u>L-30740-48E</u> has been installed on aircraft # <u>/828/688</u> . This engine serviced with Phillips Aviation oil type M 20W50 weight.	DARF100129CE
		- Aero S 615 Ai	ember 27, 2005 N1176R C-182T Tach: 23.3 1. Changed oil and added 9 qts. Aeroshell 80w mineral. 2. Replaced filter P/N: CH48110-1. 3. Washed engine and lubricated controls. 4. Post maintenance turn performed. No leaks found at this time. ervices of Winchester, Inc. rport Road Suite 107 ester, VA 22602 5-0193	
			MAINTENANCE RECORD	
DATE		AL TIME		AUTHORIZED SIGNATURE,
*)	HOURS	ERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
			January 23, 2006 N1176R C-182T Tach:49.6 1. Changed oil and oil filter CH48110-1 and added 9 qts. of Aeroshell 20w40. 2. Washed engine and lubricated controls. 3. Post maintenance turn performed satisfactory with no leaks found. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	
-	1		mber 8, 2006 N1176R C-182T Tach: 157.2 Changed oil and oil filter CH48110-1 and added 9 quarts Aero Sh 80w40.	nell-

Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193

2. Washed engine and lubricated controls.

3. Post maintenance turn performed satisfactory.

Geoffrey Ayuetah A&P3119094

			MAINTENANCE RECORD	
DATE	TOTAL IN SER		AUTHORIZED SIGNATUR DESCRIPTION OF THE WORK PERFORMED CERTIFICATE TYPE	RE,
2005	HOURS	10THS	& NUMBER	
08/23			NEW RECIPROCATING ENGINE CERTIFICATE —	
<u> </u>			This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.	
	I P		MODEL NO. L-30740-48E DATE AUG 1 2 2005 (AUTHORIZED REPRESENTATIVE)	
			LYCONING ENGINES 652 Oliver Street Williamsport, PA 17701 U.S.A.	
		1	Form No. 777-B (Rev. 3/03)	