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. MAINTENANCE RECORD DATE TOTAL TIME IN SERVICE AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER DESCRIPTION OF THE WORK PERFORMED 1998 HOURS **NEW RECIPROCATING ENGINE CERTIFICATE** This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by TEXTRON LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Administration Directives and Textron Lycoming Service Bulletins have been complied with at time of Manufacture. IO-540-AB1A5 L-26542-48A SERIAL NO. Person (AUTHORIZED REPRESENTATIVE) 652 Oliver Street Williamsport, PA 17701 U.S.A. **TEXTRON** Lycoming

FORM NO. 777-B (Rev. 3/94)

1 11	TOTAL TI			AUTHORIZED SIGNATUR
	URS	10ths	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
4			Engine model IO-540-AB1A5, S/N L- 26 542-48A	
# .	01	3	has been installed on aircraft # 18೩೪ರ3७೨.	FAA APPROVED UNDER FAR 21 SUBPAR
		- The second	This engine serviced with Phillips Aviation oil type M	The Cosena Aircraft Co.
			20W50 weight.	Whicher D. The Staff proportion Engl
		-		By Dlok Firesen
120	6	4 2	Drained oil and service I with 99411	Phillips
	-	110	20W5D TYPEM MINERALON REMOVED O	il Filter
1		il	and suction SEREEN INSPECTED IAW 5110 OF ON THE SERVER OF METAL CONTAMINATION WASK	1492B
		12	OR RUW OF OBS OK NOLEAKS HOTED-END-	PW 5041577 3
			Euma Cina M	770041225
1				
			MAINTENANCE RECORD	
i	TOTAL TIN SERV			
i			MAINTENANCE RECORD DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURI CERTIFICATE TYPE & NUMBER
9 HO	URS URS	10ths	DESCRIPTION OF THE WORK PERFORMED DRAINE & Oil and Service with 9 QtS Ae	CERTIFICATE TYPE & NUMBER
9 HO	IN SERV	10ths	DESCRIPTION OF THE WORK PERFORMED DRAINE & Oil and Service with 9 Q+S Ae 50 W100 det oil C/W ST NO. 1492B by INSDER	CERTIFICATE TYPE & NUMBER
9 HO	URS URS	10ths	DESCRIPTION OF THE WORK PERFORMED DEAined oil and Serviced with 9 QtS Ac 50 W/00 det oil C/W ST NO, 1497B by INSpen Oil Filter and Screen NO EVIDENCE OF CONTR	CERTIFICATE TYPE & NUMBER TO Shell tion of immination
HO	URS URS	10ths	DESCRIPTION OF THE WORK PERFORMED Deaine I ail and Service with 9 QtS Ac 50 W100 det oil C/W ST NO, 1492B by INSpecial Oil Filter and Screen. NO EVIDENCE OF CONTACT HISTAIRES ALEW CHARITO OIL FILER WASHENS AND RUN UP OPS CHECKED OK NO, LEAKS NOTE	CERTIFICATE TYPE & NUMBER 120 She 1 ction of imination ENGINE D-END
HO	DURS DURS	10ths	DESCRIPTION OF THE WORK PERFORMED DEAined oil and Serviced with 9 QtS per 50 W/00 det oil C/W ST NO, 1497B by INSPER 0il Filter and Screen NO EVIDENCE OF CONTA MESTALLEL NEW CHARHO OIL FITER WASHES and Run up ops checked ok NO. LEAKS NOTE KUSSEN WILL APUSO	CERTIFICATE TYPE & NUMBER (20 She Ction of Comination ENGINE D-END 418273
HO (0	DURS 98	10ths	DESCRIPTION OF THE WORK PERFORMED DEAINE & Oil and Service with 9 Qts Ac 50 W100 det oil C/W ST NO, 1497B By INSDER Oil Filter and Screen NO EVIDENCE OF CONTA MISTAHLE NEW CHARHO OIL FILE WASHES AND RUM UP OPS CHECKED OK NO. LEAKS NOTE KUSHEN CHINE APUSO REMAIRED DIRCRAFT STAPTER MOTOR PN, PM 24	CERTIFICATE TYPE & NUMBER TOO Shell ction of immination ENGINE P-END 418273
НО НО	DURS 98	10ths	DESCRIPTION OF THE WORK PERFORMED Deained oil and Serviced with 9 QtS per 50 W100 det oil C/W ST NO, 1497B by INSper Oil Filter and Screen. NO EVIDENCE OF CONTRA MESTAHEL NEW CHARHOOIL FILER WASHENS AND RUN UP OPS CHECKED OK NO, LEAKS NOTE KEMBJED DIRCHAFT MOTOR PN, PM 24 SN, 800 98339 and Replaced with SAME PN a	CERTIFICATE TYPE & NUMBER (20 She ction of traination ENGINE
9 HO	DURS 98	10ths	DESCRIPTION OF THE WORK PERFORMED Deained oil and Serviced with 9 Qts Ac 50 W100 det oil C/W ST NO, 1492B by INSpec 0il Filter and Screen. NO EVIDENCE OF CONTA HUSTAHLES ALEW CHARHO OIL FITTER WASHENS and Rum up ops Checked OK NO, LEAKS NOTE KEMBJED AIRCRAFT STAPTER MOTOR PN, PM 24 SN, 800 98339 and Replaced with SAME PN A \$85013416 GROUND OPS Check NORMAL - EX	CERTIFICATE TYPE & NUMBER (20 She ction of punination ENGINE D-END 419273 01 and and SN.
9 HO	DURS 98	10ths	DESCRIPTION OF THE WORK PERFORMED DEAINE & Oil and Service with 9 Qts per 50 W100 det oil C/W ST NO, 1497B BY INSPER 0il Filter and Screen. NO EVIDENCE OF CONTRA MESTALLE MEW CHARHO OIL FITTER WASHESS AND RUM UP OPS Checked OK NO LEAKS NOTE COMMINE APUSO REMOJED DIRCRAFT STAPTER MOTOR PN, PM 24 SN, 800 98339 and Replaced with SAME PN A \$85013416 Ground OPS Check NORMAL - EN	CERTIFICATE TYPE & NUMBER (20 She 1) ction of immation ENGINE D-END 419273 01 and and SN.
9 HO	DURS 98	10ths	DESCRIPTION OF THE WORK PERFORMED Deained oil and Serviced with 9 Qts Ac 50 W100 det oil C/W ST NO, 1492B by INSpec 0il Filter and Screen. NO EVIDENCE OF CONTA HUSTAHLES ALEW CHARHO OIL FITTER WASHENS and Rum up ops Checked OK NO, LEAKS NOTE KEMBJED AIRCRAFT STAPTER MOTOR PN, PM 24 SN, 800 98339 and Replaced with SAME PN A \$85013416 GROUND OPS Check NORMAL - EX	CERTIFICATE TYPE & NUMBER (20 She ction of punination ENGINE D-END 419273 01 and and SN.
9 HO	DURS DURS	10ths	DESCRIPTION OF THE WORK PERFORMED Deained oil and Serviced with 9 QtS per 50 W100 det oil C/W ST NO, 1497B by INSper Oil Filter and Sereen. NO EVIDENCE OF CONTRA MESTATION APOPS Checked OK NO. LEAKS NOTE REMOJED DIRECTOR MOTOR PN. PM 24 SN, 800 98339 and Replaced with SAME PN a CANSOLUTION.	& NUMBER ROShell ction of cuination ENGINE P-END 419273 01 and and SN. 0- AH 450419773
HO (0	DURS DURS	10ths	DESCRIPTION OF THE WORK PERFORMED Deained oil and Serviced with 9 Qts Ac 50 W100 det oil C/W ST NO, 1492B by INSpec 0il Filter and Screen. NO EVIDENCE OF CONTA HUSTAHLES ALEW CHARHO OIL FITTER WASHENS and Rum up ops checked ok NO, LEAKS NOTE KENDSJED AIRCRAFT STAPTER MOTOR PN, PM 24 SN, 800 98339 and Replaced with SAME PN a CABSO13416 GROUND OPS CHECK NORMAL - EX	CERTIFICATE TYPE & NUMBER ROShell ction of comination ENGINE D-END 419273 DI and and SN. D- AHP450419773

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
1999	HOURS	10ths	A STATE OF THE PARTY OF THE PAR	& NUMBER
12/	139	9	Depined oil and Serviced with 9 9ts Aeroshell 50W100 det oil and NEW CH48110 oil Filter C/W INSPECTION OFFILTER IAW 511492B NO Contomination	
1/1/	100		NOTED -END- Russell Dins APUSO419223	
8-25	176.	S	Arained oil and serviced eng. with 9 Qts Aeroshell 100 sow det. oil: Installed new oil filter CH48/10: CIW with inspection of oil filter T.A.W. S.I. 1492B, No.	
			Contamination found! washed engine, Run up, ops 0.k. No leaks noted -END - John D. Bell Ap#467085248	
	715	a as Arg	DESCRIPTION OF THE WORK PERFORMED	MUTHORIZED SIGNAT UP 2
-			MAINTENANCE RECORD	

MAINTENANCE RECORD

DATE	TOTAL IN SER		TAY Howell's Aircraft Service	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
19	HOURS	10ths	3122 Great Southwest Parkway	& NUMBER
1-(:	1 28		Grand Prairie Texas 75052 972-988-8609 Email Maint@howellsaircraft.com N4195E Date 9/22/99 Tach 202.5 Total Time 202.5. Complied with a 100 hour inspection in accordance with Howell's Aircraft inspection form. Compression check #1 75/80 #2 74/80 #3 76/80 #4 78/80 #5 78/80 #6 74/80. AD 91-14-22 Crankshaft gear retaining bolt due at engine	
		1	overhaul, prop strike, or sudden stop. AD 93-02-05 Fuel injection lines complied with by visual inspection of all fuel injection lines. AD 99-04-04 Magneto impulse coupling N/A to IO-540-AB1A5 engines. Cleaned and replaced spark plugs. Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.	2 0005.2
			Mark Howell A&P244255955IA	

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATUR
1999	HOURS	10ths		CERTIFICATE TYPE & NUMBER
11-8	250	1	Drained oil and serviced eng. with 9gts Berostell 80 40w: Installed new oil filter CH48110: Cla Lyconing S. I. 1452B. Cut open old oil filter, no contamination	
			found! washed eng! Performed eng. Run-up! no leaks found! Returned engine back to service! - END	ph D. Rell ANTHINOSSZYS
1-60	290	1	Drained Dil: Serviced eng. 94ts Aeroshell 80 40w. Installed new oil filter CH48110: C/w Lycoming S.I. 1492 B: Cut open old oil filter no contamination	
3			found: washed eng! Performed eng. lun-up." no leaks found: Returned engine back to service. — END—	AP#467085248
			MAINTENANCE RECORD	

BA A	INTEN	ANCE	DECC	DD

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
1000	HOURS	10ths		& NUMBER
			Ch Cessna S.B. 99-37-01, Showman kit mod! All work	
2-23	322	8	Ob Cessna S.B. 99-37-01, Skeumn kit mod! All work done T.A.W. Service Bulletin! C/w Cessna S.B. 00-7-01, leplacement of oil pressure switch! All work done	
			I'A.W. S&B.! - FND-	John D. Bell
				AP#46 7885248

IAI

Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Maint@howellsaircraft.com

STAR

N4195E
Date 3/16/2000 Tach 331.7 Drained oil and filled with 9 quarts of Aeroshell 100w50 and installed CH48110 oil filter. Installed oil quick drain, PN CCB-3700. Washed engine and ran to check for leaks, none noted.

Russell Vines A&P450419223

MAINTENANCE RECORD DATE TOTAL TIME AUTHORIZED SIGNATURE CERTIFICATE TYPE IN SERVICE DESCRIPTION OF THE WORK PERFORMED HOURS 10ths 19_ & NUMBER Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Maint@howellsaircraft.com N4195E Date 4/19/2000 Tach 350.1 Drained oil and filled with 9 quarts of Aeroshell 100W50 and installed CH48110 oil filter. Washed engine and John Bell A&P467085248 Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@juno.com N4195E Date 8/18/2000 Tach 387. Drained oil and filled with 10 quarts of Aeroshell 100w50 and installed CH48110 oil filter. Washed engine and ran to check for leaks, oe Swanson A&P506215543 MAINTENANCE RECORD DATE TOTAL TIME AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER IN SERVICE DESCRIPTION OF THE WORK PERFORMED 19_ HOURS 10ths Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@juno.com Total Time 436.4 Registration: N4195E Date 11/13/2000 Tach 436.4 Complied with an annual inspection in accordance with Howell's Aircraft inspection form. * Compression check #1 76/80 #2 76/80 #3 74/80 #4 78/80 #5 78/80 #6 76/80. Drained oil and filled with 9 quarts of Aeroshell 100w50 and installed CH48110 oil filter. * Cleaned and gapped spark plugs. Checked magneto timing. Next due at tach 486.4. * Complied with SB99-71-01, by inspection of oil filter. * C/W AD93-02-05 in accordance with Textrol Lycoming SB342C, by visual inspection of fuel lines and clamps. Next due at tach 536.4. Pressure test okay. No leaks noted. Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Cumill Cher Russell Vines A&P4504192231A

DATE	TOTAL TIME IN SERVICE	DECORPTION OF THE WAR	AUTHORIZED SIGNATUR
	HOUR:	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
	IAI ISI N4195E Dute 4(1) COOL To 1	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairic Texas 75052 972-988-8609 Email <u>Hasparts@juno.com</u>	CSPA SAR ST ST S
		477.6 Drained oil and filled with 9 quarts of Aeroshell 50w100 and installed CH48110 oil filter. Compl nextdue at tach 527.6. Washed engine and ran to check for leaks, none noted. Operational check okay.	ied with SB99-71-01, by
	Russell Vines A&P450	419223	
	4		1
		DEACHS THE OF THE WITHER SET 10-1000	A2 HOUSE 5 GAR
	6		
	6		
	6	MAINTENANCE RECORD	
	TOTAL TIME IN SERVICE	MAINTENANCE RECORD DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURI CERTIFICATE TYPE & NUMBER
			CERTIFICATE TYPE
	IN SERVICE	DESCRIPTION OF THE WORK PERFORMED Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052	CERTIFICATE TYPE
	IN SERVICE FOURS 1 (a) IAI ISI	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@juno.com	CERTIFICATE TYPE
	Complied with an annual Compression c Drained oil and Inspected and	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@jumo.com Registration: N4195E Date: 01/08/2002 Tach: 530.0 Total time SMOH: 530.0 inspection in accordance with Howell's Aircraft inspection form. check #1 78/80 #2 73/80 #3 74/80 #4 76/80 #5 76/80 #6 77/80, d filled with 9 quarts of Aeroshell 40w80 and installed oil filter, CH48110. cleaned fuel screens. apped spark plugs.	CERTIFICATE TYPE
	Complied with an annual Compression of Drained oil and Inspected and Cleaned and grant Checked magn	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@jumo.com Registration: N4195E Date: 01/08/2002 Tach: 530.0 Total time SMOH: 530.0 inspection in accordance with Howell's Aircraft inspection form. check #1 78/80 #2 73/80 #3 74/80 #4 76/80 #5 76/80 #6 77/80, d filled with 9 quarts of Aeroshell 40w80 and installed oil filter, CH48110. cleaned fuel screens. apped spark plugs.	CERTIFICATE TYPE & NUMBER
DATE 9	Complied with an annual Compression of Drained oil and Inspected and Cleaned and grant Checked magn Complied with	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 Email Hasparts@jumo.com Registration: N4195E Date: 01/08/2002 Tach: 530.0 Total time SMOH: 530.0 inspection in accordance with Howell's Aircraft inspection form. check #1 78/80 #2 73/80 #3 74/80 #4 76/80 #5 76/80 #6 77/80. d filled with 9 quarts of Aeroshell 40w80 and installed oil filter, CH48110. cleaned fuel screens. apped spark plugs. neto timing. AD93-02-05, by visual inspection of fuel injection lines and clamps. No leaks noted Next due at tach 630.0 check for leaks, none noted. I certify that this engine has been inspected in accordance with an annual in	& NUMBER

E	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE
_	HOURS 10ths	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE
	Jr.		
	IAI ISI	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609	STAR
	N4195E Date 04/04/200 eprine and ran to check 1 Philip Martin A&P5128	2 Tach 563.9 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CF or leaks, none noted. Operational check okay. Returned aircraft to service per work perform	148110. Washed ned.
1	IAI ISI	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com	STAR
	Returned aircraft to service	ell	CENTRAL VARIABLE
		MAINTENANCE RECORD	
	TOTAL TIME IN SERVICE HOURS 10ths	MAINTENANCE RECORD DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATU CERTIFICATE TYPE & NUMBER
	IN SERVICE		CERTIFICATE TYPE
	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/20 SB99-71-01 by visual in Returned aircraft to ser	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER
DATE 9	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/2/ SB99-71-01 by visual in	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER
	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/20 SB99-71-01 by visual in Returned aircraft to ser	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER
	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/20 SB99-71-01 by visual in Returned aircraft to ser	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER
	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/20 SB99-71-01 by visual in Returned aircraft to ser	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER
	IN SERVICE HOURS 10ths IAI ISI N4195E Date 12/06/20 SB99-71-01 by visual in Returned aircraft to ser	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 002 Tach 632.6 Serviced engine with 9 quarts of Aeroshell 50w100 and installed oil filter, CH inspection of oil filter. Next due at tach 682.6. Washed engine and ran to check for leaks. Opervice.	CERTIFICATE TYPE & NUMBER

		MAINTENANCE RECORD	
IN SEI	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNAT CERTIFICATE TYP & NUMBER
Channel Chrome Metalized	ISI	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com	
to Valve Assembly to Complete Assembly	* Compre * Remove * Service * Complie * Inspecte * Cleaned * Checked * Complie * Complie * Complie * Checked * Complie * Compl	Registration: N4195E Date: 01/20/2003 Tach: 640.0 Total time SMOH: 640.0 Innual inspection in accordance with Howell's Aircraft inspection form: Session check #1 78/80 #2 10/80 #3 76/80 #4 78/80 #5 74/80 #6 76/80. Sed #2 cylinder, sent to Sentry Cylinders for repair per work order #32869, and reinstalled. I de ngine with 9 quarts of Aeroshell 40w80 Mineral for cylinder brake-in and installed oil filter, CH48110. Sed with visual inspection of exhaust system end and cleaned fuel screens. I and gapped spark plugs. Id magneto timing. Sed with AD2002-26-01, by visual inspection of fuel injection lines and clamps. No leaks noted Next due at tach 740.0. Tran to check for leaks, none noted. I certify that this engine has been inspected in accordance with an annual inspection airworthy condition.	ection and
INGS			
INIS		MAINTENANCE RECORD	
DATE TO IN 9 HOU	IAI IšI	MAINTENANCE RECORD Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com	RIZED SIGNATUR RIFICATE TYPE & NUMBER
DATE TOT IN 9 HOU N4 Corope	IAI ISI 195E Date 04/29 Inplied with SB9 rational check.	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 0/2003 Tach 656.7 Drained engine oil and serviced with 9 quarts of Aeroshell 50w100 and installed oil filter CH481 9-71-01 by visual inspection of oil filter. Next due at tach 706.7. Washed engine and ran to check for leaks. Performed Check okay. Returned aircraft to service per work performed.	RTIFICATE TYPE & NUMBER
DATE TOT IN 9 HOU N4 Corope	IAI ISI 195E Date 04/29 Inplied with SB9 rational check.	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com 0/2003 Tach 656.7 Drained engine oil and serviced with 9 quarts of Aeroshell 50w100 and installed oil filter CH481 9-71-01 by visual inspection of oil filter. Next due at tach 706.7. Washed engine and ran to check for leaks. Performed Check okay. Returned aircraft to service per work performed.	RTIFICATE TYPE & NUMBER

ATE	IN SE	RVICE	DECADIATION OF THE WORLD PROPERTY.	AUTHORIZED SIGNATI
	HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
			Howell's Ameraft Service	1
		IAI	3122 Great Southwest Parkway Grand Prairie Texas 75052	
_		IS I	972-988-8009 parts@howellsaureraft.com	
			Registration: N4195E Date: Feb 06,2004 Tach: 711.1 Total time: 711.1	# Spallage
	Complied	l with an 100h	nr inspection in accordance with Howell's Aircraft inspection form:	
_		* Compressi	on check ±1 78/80 ±2 77/80 ±3 78/80 ±4 73/80 ±5 78/80 ±6 78/80	
		* Complied	ngme with 9 quarts of Aeroshell 50W100 det oil and installed oil filter, CH48110 with visual inspection of exhaust system	
		Installed I	and cleaned fuel screens 2 new REMISSE spark plug's	
_		* Checked n	agneto timing	
		* Complied	with AD2002-26-01, by visual inspection of fuel injection lines and clamps. No leaks noted. Next due at tach 811.1	
	Washed e	engine and ran	to check for leaks, none noted. I certify that this engine has been inspected in accordance with an 100hr inspection and was worthy condition.	
	1/		worthy condition.	
	Russell V	ines A&P450	04192231.4	4 Ministry
Wiji				Ladania stori
		1 1		
		6		
		6	MAINTENANCE RECORD	
DATE		LTIME		ITHORIZED SIGNATURE
	IN ST	LTIME		ITIFICATE TYPE
DATE		LTIME	DESCRIPTION OF THE WIDY PERCENTED.	
	HO	1	Van Bortel Aircraft Inc.	
	HO	LTIME	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L	ITIFICATE TYPE
	но	Cessna	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A	& NUMBER
	HO	Cessna OMPLIED WIT	Van Bortel Aircraft Inc. 4912 S. Collins St., Adington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A TH AD 2004-05-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NED IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREI	NUMBER W
	HO CO	Cessna OMPLIED WIT	Van Bortel Aircraft Inc. 4912 S. Collins St., Adington, TX 76018 A195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A THE AD 2004-03-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREIGNICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/	NUMBER W
	HO CO	OMPLIED WIT DLT INSTALLEI SPECTION, SE 006(1353, 9806) IE AIRCRAFT	Van Bortel Aircraft Inc. 4912 S. Collins St., Adington, TX 76018 A195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A THE AD 2004-03-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREIGNICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/	W EN N:
	HO CO	OMPLIED WIT DLT INSTALLEI SPECTION. SE SPECTION. SE SPECTION ADM SPAIRS ARE OF	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: 10-540-AB1A5 S/N: 1-26542-48A TH AD 2004-05-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREI REVICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/ 1355. IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDER	W EN N:
	HO CO	OMPLIED WIT DLT INSTALLEI SPECTION, SE SO61353, 9806 IE AIRCRAFT VIATION ADM PAIRS ARE OF	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 A195E A195	W EN N:
	HO COMPANY OF THE PARK OF THE	OMPLIED WIT DLT INSTALLEI SPECTION. SE SPECTION. SE SPECTION ADM SPAIRS ARE OF	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A TH AD 2004-05-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D. IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREIF REPLICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/ 1355. IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDER INISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF TO N FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.	W EN N:
	HO COMPANY OF THE PARK OF THE	OMPLIED WIT DLT INSTALLEI SPECTION. SE 9061353, 9806 ILE AIRCRAFT VIATION ADM PAIRS ARE ON ULL PARK	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A TH AD 2004-05-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D. IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREIF REPLICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/ 1355. IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDER INISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF TO N FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.	W EN N:
	HO COMPANY OF THE PARK OF THE	OMPLIED WIT DLT INSTALLEI SPECTION. SE 9061353, 9806 ILE AIRCRAFT VIATION ADM PAIRS ARE ON ULL PARK	Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N4195E TACH 726.5 DATE 4/20/04 W.O. SV0592 ENGINE: IO-540-AB1A5 S/N: L-26542-48A TH AD 2004-05-24 (3/30/04) BY REPLACEMENT OF CRANKSHAFT GEAR BOLT WITH LYCOMING BOLT KIT P/N: 05K19987. NE D. IN ACCORDANCE WITH SB 475C. OIL AND FILTER CHANGED. CW SB 480D OIL, OIL FILTER AND SUCTION SCREIF REPLICED WITH AEROSHELL 100W AND CH48110-1. PERFORMED 500 HOUR INSPECTION ON LEFT AND RIGHT MAGNETOS S/ 1355. IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDER INISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF TO N FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.	W EN N:

DATE	TOTAL IN SERV	TIME		AUTHORIZED SIGNATUR
9	HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
		Date: 0	8-16-2004, Aircraft: N4195E, Type: 182S, S/N: 80363	
	The second of the		l oil. Serviced with A/S 100W oil. Replaced oil filter with new unit.	
		Inspect	ed and serviced battery.	
		Above	isted maintenance and/or inspections completed by Monarch Air repair station under	
			eferenced work order(s).	
		Date: 0	8-16-2004, Work Order: SO-04483, Tach Time: 767.1	
		I also co	ertify that the above listed repairs are airworthy and that the aircraft	
			oved for return to service.	
		Signed	Simothy A. Told Timothy J. Todd	
_			NGR501G Monarch Air (972) 931-0345	
			OF CONSTRUCTOR ON WALKEY BETT-STRUKED	
	200			
			POWER LEWISHING RECORD	
		6		
			MAINTENANCE RECORD	
DATE	TOTAL IN SEF	TIME		AUTHORIZED SIGNATURE CERTIFICATE TYPE
DATE	IN SEF	TIME AVICE	MAINTENANCE RECORD DESCRIPTION OF THE WORK PERFORMED	
	IN SEF	10ths	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE
	IN SEF	Date: 12/ Changed Above list		CERTIFICATE TYPE & NUMBER
	IN SEF	Date: 12/Changed Above list	DESCRIPTION OF THE WORK PERFORMED 13/2004, Aircraft: 4195E, Type: 182S, S/N: 80363; 1998 oil and filter, serviced with Aeroshell 15W50 and installed CH48110-1 filter ed maintenance and/or inspections completed by Monarch Air repair station under below	CERTIFICATE TYPE & NUMBER
	IN SEF	Date: 12/2 Changed Above list reference Date: 12/2 I certify th	DESCRIPTION OF THE WORK PERFORMED 13/2004, Aircraft: 4195E, Type: 182S, S/N: 80363; 1998 oil and filter, serviced with Aeroshell 15W50 and installed CH48110-1 filter ed maintenance and/or inspections completed by Monarch Air repair station under below d work order(s).	CERTIFICATE TYPE & NUMBER
	IN SEF	Date: 12/Changed Above list reference Date: 12/I certify the is approved.	DESCRIPTION OF THE WORK PERFORMED 13/2004, Aircraft: 4195E, Type: 182S, S/N: 80363; 1998 oil and filter, serviced with Aeroshell 15W50 and installed CH48110-1 filter ed maintenance and/or inspections completed by Monarch Air repair station under below d work order(s). 10/04 Work Order: 4832 Total Time:799.3 at the above repairs are airworthy and that the aircraft	CERTIFICATE TYPE & NUMBER
	IN SEF	Date: 12/Changed Above list reference Date: 12/I certify the is approved.	DESCRIPTION OF THE WORK PERFORMED 13/2004, Aircraft: 4195E, Type: 182S, S/N: 80363; 1998 oil and filter, serviced with Aeroshell 15W50 and installed CH48110-1 filter ed maintenance and/or inspections completed by Monarch Air repair station under below d work order(s). 10/04 Work Order: 4832 Total Time:799.3 at the above repairs are airworthy and that the aircraft ed for return to service.	CERTIFICATE TYPE & NUMBER

DATE	1		MAINTENANCE RECORD	
19	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATUR CERTIFICATE TYPE & NUMBER
		Annual Change C/W Al Above under b Date: (I certify and wa are airw	3/10/2005, Aircraft: 4195E, Type: 182S, S/N: 80363; 1998 Inspection completed in accordance with the manufactuers inspection guide. ed oil and filter. Serviced with Aeroshell 15W50 oil. 02002-26-01 per par (c). Next due: 923.0 isted maintenance and/or inspections completed by Monarch Air repair station elow referenced work order(s). 03-10-2005 Work Order: SO-05001 Total Time: 823.0 that this engine has been inspected in accordance with a 100 hour/Annual inspection is found to be in airworthy condition. I also certify that the above listed repairs yorthy and that the aircraft is approved for return to service.	
			THE DEBT OF A PER MADER OF CHARACTER.	ACTIGIENTS CLASS MITMORISCO Z MYVII
		C		
			MAINTENANCE RECORD	
DATE 19	TOTAL IN SER HOURS		On 06-08-05 N#4195E S/N18280363 @ A/C T.T. 870.0. Complied with 50hr Oil change. Serviced with 9 quarts. Aeroshell 15w/50 Oil & Ch48110 Filter, Cleaned & Gapped Sparkplugs. All work done I/A/W Lycoming Operators Manual. Ground Run and	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	IN SEF	RVICE	On 06-08-05 N#4195E S/N18280363 @ A/C T.T. 870.0. Complied with 50hr Oil change. Serviced with 9 quarts. Aeroshell 15w/50 Oil & Ch48110 Filter, Cleaned & Gapped Sparkplugs. All	CERTIFICATE TYPE

On 08/30/05 N# 4195E S/N 18280363 @ Aircraft Total Time 934.3 Cleaned and gapped lower sparkplugs. Installed two each New REM 38E. Sparkplugs in lower #1,#2 cylinders. All work done I/A/W Lycoming Operators Manual. Ground Run and Leak Checked satisfactory. Details on file.

Ket Tog to 3058066

Aero Tech Services Ballas Tx. 214-728-9007

On 08/19/05 N# 4195E S/N 18280363 @ Aircraft Total Time 922.2 Complied with AD 2002-26-01 par.C. @ a/c t.t. 934.3. Cleaned lower sparkplugs and installed 2ea new REM 38E sparkplugs. @ a/c t.t. 939.9. Installed Pilot seat slide lock assy. All work done I/A/W Lycoming Operators Manual and Cessna 182 M.M. Ground Run and Leak Checked Satisfactory. Details on file.

TURE.

URE.

Ket Ry t 3058066

Aero Tech Services Dalas Tx. 214-728-9007

On 12-08-05 N# 4195E S/N 18280363 @ Aircraft Tach Time 965.7 Complied with 50hr Oil and Filter Change. Drained Oil and Removed 7 inspected Filter. Serviced with 9 quarts Aeroshell 15W/50 Oil and CH 48110 Filter. Complied with SB05-37-01A on Vacuum pumps and found N/A due to P/N. Complied with SB05-28-01A. Found satisfactory. Complied with AD 84-26-02. Airfilter replacement. All work done I/A/W Lycoming Operators Manual Ground Rup and Leak Checked Satisfactory.

AP 305 JOG 6 JA

Aero Tech Services Pallas Tx 214-728-9007

On 12-26-05 N#4195E S/N 18280363 @ Aircraft Total Time 1087.9. Customer reports rough Magneto. Cleaned lower sparkplugs and installed 1ea new sparkplug. I certify that this aircraft has been inspected I/A/W Continental Maintenance Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File.

AP3058066

Aero Tech Services Dallas Tx. 214-728-9007



MAINTENANCE RECORD

On 04-08-06 N#4195E S/N 18280363 @ Aircraft Total Time
995.8. C/W 100hr/Annual engine insp. C/W 500hr Magneto insp.
C/W oil and filter change. Compression checked satisfactory #1
74/80 #2 70/80 #3 74/80 #4 75/80 #5 76/80 #6 76/80. C/W
AD2002-26-01. Cleaned and gapped sparkplugs. Cleaned throttle
body. Installed new points in R/H Magneto. Installed new mag drive
bushings and adjusted mag timing. I certify that this aircraft has
been inspected I/A/W Lycoming Operators Manual and Cessna
182 Maintenance Manual and was found to be in airworthy
condition. Ground Run and Leak Checked Satisfactory. Details on
File.

Aero Tech Services Dallas Tx. 214-728-9007

On 03/10/2007 N#4195E S/N 18280363 @ Aircraft Tach Time 1102.2. Complied with STC SE09445SC Gamijectors installation. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. Ref. 337 dated

Aero Tech Services Dallas Tx. 214-728-9007

On 05-18-06 N#4195E S/N 18280363 @ Aircraft Total Time 1025.0. Installed 1ea new EGT probe P/N 86316/P and repaired wires at connector and function checked satisfactory. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File.

Aero Tech Services Dallas Tx. 214-728-9007

On 05/01/07 N#4195E S/N 18280363 @ Aircraft Total Time 1248.8. C/W 100hr/Annual engine insp. Complied w/ Oil & Filter Change. Serviced with 9qts Aeroshell 15w/50 and CH48110 filter. Compression checked satisfactory – All Checked above 70/80. Adjusted Magneto Timing. Installed New REM38E sparkplugs. Complied with AD 2002-26-01 Fuel Injector Lines. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual and was found to be in airworthy condition. Ground Run and Leak Checked Satisfactory. Details on File.

Aero Tech Services Dallas Tx. 214-728-9007

On 09-14-07 N#4195E S/N 18280363 @ Aircraft Tach Time 1155.7. Complied with oil and filter change. Serviced with 9 quarts Aeroshell 15 w/50 Oil and CH48110. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. AP305806 6 Aero Tech Services Dallas Tx. 214-728-9007	On 03-14-08 N#4195E S/N 18280363 @ Aircraft Tach Time 1208.0. Complied with oil and filter change. Serviced with 9 qts Aeroshell 15 w/50 Oil and CH48110. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory Details on File. AF305F066 Aero Tech Services Dallas Tx. 214-728-9007
On 06/03/08 N#4195E S/N T18280363 @ A/C T.T. 1228.7 C/W 100hr/Annual Airframe Insp. & Lubrication. Installed New Vacuum Filter P/N RAB3-5-1. C/W FAR 91.207D ELT. AD 76-07-12 Magneto switch. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. Af 3058066 TA Aero Tech Services Dallas Tx. 214-728-9007	On 07/08/08 N#4195E S/N T18280363 @ A/C T.T. 1256.6. C/W 50hr Oil & Filter Change. Serviced with 9qts Aeroshell 15w/50 Oil and CH48110 Filter. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. AP3058066 Aero Tech Services Dallas Tx. 214-728-9007
On 01/19/09N#4195E S/N 18280363 @ A/C T.T. 1375.5. Installed New Battery, P/N RG24-11M S/N 40268866. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. Af 3658066 Aero Tech Services Dallas Tx. 214-728-9007	On 05-18-09 N#4195E S/N T18280363 @ A/C Tach Time 1315.9. Removed Alternator P/N 9910591-11, S/N A-131433. Installed New Alternator P/N 9910591-11, S/N A-184232. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and Cessna 182 Maintenance Manual. Ground Run and Leak Checked Satisfactory. Details on File. AB3058066 Aero Tech Services Dallas 1x. 214-728-9007
Reg. # Date Intelligence National Reg. # Date Date	Ser. # Total Time Tach Time 1301.2
Changed oil and filter. Cleaned finger screen. Serviced with Acengine. Ran and checked for leaks. Removed alternator. Tight safety wired and reinstalled. Ran and checked operation. Dale R. Faulkner A&P1993252	neried diterriates eace 2000,

On 09/17/09 N4195E S/N T18280363 @ A/C T.T. 1339.0. Complied With 100hr/Annual Engine Insp. C/W 50HR Oil & Filter Change. Serviced w/9qts Aeroshell 15W50 Oil & AA48110 Filter. Compression check satisfactory #1-75/80; #2-69/80; #3-74/80 #4-74/80; #5-74/80; #6-75/80. Adjusted LH Magneto Timing. Cleaned & Gapped Spark Plugs. Cleaned Fuel Strainer. C/W AD 2002-26-01 Fuel Injection Lines. C/W AD 98-13-10 Exhaust System I certify that this aircraft has been inspected I/A/W Cessna 182 MM & Lycoming Operators Manual and was found to be in airworthy condition. Ground Run and Leak Checked Satisfactory. Details on File. Ketk 20 48305806SIA Aero Tech Services Dallas TX 214-728-9007

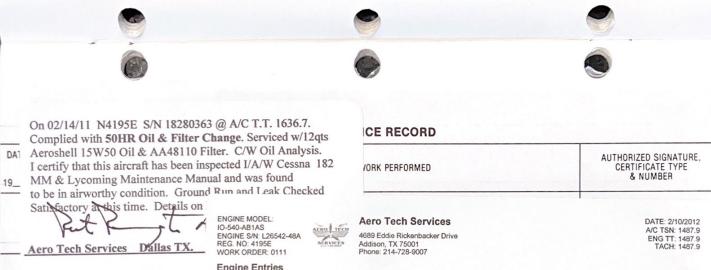
On 8/13/2010 N4195E S/N T18280363 @ A/C T.T. 1413.6. C/W 50HR Oil & Filter Change. Serviced with Aeroshell 15W50 Oil & AA48110 Filter. C/W Oil Analysis. I certify that this aircraft has been inspected I/A/W Cessna 182 MM & Lycoming Operators Manual and was found to be in airworthy condition. Ground Run and Leak Checked Satisfactory. Details on File.

Aero Tech Services Dallas TX On 03/17/10 N4195E S/N:18280363 @ Aircraft Tach Time 1378.0. TURE. Complied With 50hr Oil & Filter Change. Serviced with Aeroshell 15W/50 & P/N:AA48110-2 Filter. Installed New Oil Pressure Switch P/N:83278. I Certify That This Aircraft Has Been Inspected I/A/W Cessna 182 Maintenance Manual and Lycoming IO-540 Operators Manual And Was Found To Be In Airworthy Condition. Ground Run and Leak Checked Satisfactory. Details On File.

214.728.9007 Dallas, TX Aero Tech Services

On 10/8/2010, N4195E S/T18280363 @ Aircraft Total Time 1422.3. C/W 100hr/Annual Engine Inspection. Compression; #1 75/80, #2 73/80, #3 65/80, #4 75/80, #5 71/80, #6 71/80. Installed new Spark Plugs, P/N UREM38E. Cleaned Fuel Injectors. Checked Magneto Timing. Cleaned Fuel Strainer. Installed New Manifold Pressure Hose. I certify that this aircraft has been inspected I/A/W Lycoming Operators Manual and the Cessna 182 Maintenance Manual and was found to be in airworthy condition Ground Run and Leak Check Satisfactory. Details AP3058066 IA on file.

214-728-9007 Dallas TX. **Aero Tech Services**



Engine Entries

P 305 8066

Troubleshoot rough running engine... Troubleshot rough running engine, did compression check and found #5 cylinder exhaust valve stuck and #2 sticking. Check compressions... Complied with compression check: #1 74/80 #2 75/80 #3 72/80 #4 74/80 #5 /80 #6 75/80.- Remove engine for crankshaft AD 2006-20-09. Send engine to Custom Air Motive... Removed all necessary engine components to facilitate removal of engine, removed engine and placed on cradle to send engine to Custom Air Motive for AD 2006-20-09- Comply with repair of engine by Custom Airmotive... Complied with SB 566/SB 569 engine repair by Custom Airmotive- Comply with 50 hour oil and filter change using mineral oil... Complied with 50 hour oil and oil filter change. Serviced engine with 9 qts Aeroshell 100 mineral oil- Comply with 500 hour magneto inspection... Complied with 500hr magneto inspection. Replaced 1ea carbon brush and 1ea contact point set per magneto, cleaned, inspected reassembled and reinstalled. Comply with AD 93-02-05 Inspection of Fuel Injector Lines and Clamps... Complied with AD 93-02-05 Inspection of Fuel Injector Lines and Clamps- Comply with AD 76-07-12 Mag Switch... Complied with AD 76-07-12 Mag Switch- Comply with a 100hr/Annual Engine Inspection... Complied with 100hr/Annual Inspection of Engine. Checked magneto timing and cleaned fuel strainer. Cleaned, gapped and checked all spark plugs- Comply with AD 98-13-10 Exhaust System Check... Complied with AD 98-13-10 exhaust system check found serviceable at this time.— All CHT probes difficult to remove, even with lubricant... Cleaned threads on CHT probes as needed- Engine oil temp gauge lead broken... Repaired engine oil temp gauge lead with ring connector- Flush engine oil cooler... Complied with cleaning and test of engine oil cooler by United Accessory- 3 spacers missing from oil cooler... Installed 3 new oil cooler spacers at time of engine installation- Reinstall engine after repair by Custom Airmotive... Reinstalled engine after repair by Custom Airmotive on aircraft.- Engine oil drain valve seal cracked... Installed new oil drain valve

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Work Order No. 2111.

DATE: 2/10/2012

AP3058066IA SIGNED:

Work Order: 0111

ATE	TOTAL IN SER	VICE		- 2	9	e the a are the	as	784.	784.	55784.	Engine was reassembled <i>UA/W</i> Lycoming overhaul manual 60294-7-12, test ran on a stand and found ready for return to service.	Pertinent details are on file at this station under order no. 22616; parts replaced are listed on attached work order.		
_	HOURS	10ths		0, 2012	WO# 22616	ate &	bores).	Method of compliance C/W SB552; used new crankshaft s/n V537955784 C/W SB554: used new bolt n/n STD2247	SB475C; gear mod., insp. & retention. SB566: used new crankshaft s/n V537955784	SB569A; used new crankshaft s/n V537955784 SB342F: lines insp. & secured.	Engine was reassembled <i>I/A/W</i> Lycoming overhaul manual 94-7-12, test ran on a stand and found ready for return to ser	der no.		
				Jan. 10,	W	This engine was disassembled only enough to facilir replacement of the crankshaft to c/w SB552,566 &569 complete cylinder service limit "top overhaul" (cylinde	original & reworked as necs. w/standard nit./steel bores). Applicable parts were cleaned, inspected & reworked necessary to ascertain airworthiness.	od of compliance SB552; used new crankshaft s/n V53 SB554: used new bolt n/n STD2247	SB475C; gear mod., insp. & retention. SB566: used new crankshaft s/n V5379	aft s/n red.	ning ov ready fo	nder or or order.		irmotive, Inc. irmotive, Inc. irmotive, Inc. ENGINE SERVICE ERIDAN, BLDG. B ERIDAN, BLDG. B 88, 885-6836
					-8A	lly enou SB552 overha	dard ni	ınkshaf	insp. d	SB569A; used new crankshaft SB342F: lines insp. & secured	Lycon found	tation u	ЖУ	otive, i ON #DCZ ON #DCZ NE SERVI N. BLDG 74115 -6836
				7.9	S/N L-26542-48A	bled on to c/w it "top	w/stan med, in thiness.	nce new cra	r mod	d new c	UA/W nd and	t this st ttached	, Score	M Airmotive IR STATION #I AFT ENGINE SEI N. SHERIDAN BL TULSA, OK 7411 (918) 846-6836
				H 148	N L-2	asseml nkshaft ice lim	s necs. ere clea airwort	omplia used r	C; gea	A; used F: line	mbled n a sta	n file a	the contract	Custom Air FAA REPAIR STA AIRCRAFT EN 2702 N. SHER TULSA
				TSMOH	S	was dis he craı er serv	rked as arts we ertain	Method of compliance C/W SB552; used new C/W SB554- used new	SB475 SB566	SB569 SB342	reasse st ran o	s are or	of !	FAA
				6	B1A5	ngine v ent of t cylinde	original & reworked as necs. w/stan Applicable parts were cleaned, in necessary to ascertain airworthiness			C/W C/W	ne was 12, tes	Pertinent details are on file at this station under parts replaced are listed on attached work order.	Mark D. Lichteig for CBS# horby ASK	LICHIC
				1487	IO-540-AB1A5	This er laceme	ginal & Applic	A.D.# 02-19-03 04-05-24	04-10-14	06-20-09 C/W 11-26-04 C/W	Engir 294-7-	rtinent rts rep	7 2	. C
				TI	0	F 00	ori ne	4 C C C	90 0	06)9	<u>a</u> a,	_ >	
		1											A	
							9							
		4												
EI	NGINE MODEI 5-540-AB1AS	Ŀ	Aero Tech Service						DATE: 4/ A/C TSN	: 1487.9				
EN RI W)-540-AB1AS NGINE S/N: L2 EG. NO: 41958 /ORK ORDER:	26542-48A E : 0197	Aero Tech Servic 4639 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007						A/C TSN		Cal			RIZED SIGNATUR
E Tr	0-540-AB1AS NGINE S/N: L2 EG. NO: 4195B /ORK ORDER: Ingine Entir roubleshoot of GT probe ba	26542-48A E : 0197 ries Cylinder #- id. Replace	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob	. Swapped be. Ground	adjuster	#4 and cylinder # aft, found satisfac leaking engine o	6 EGT leads. Rail tory at this time ii Tightened Oi	n aircraft., found Comply with 2 pressure adjust	A/C TSN E d cylinder 25 hour oil	: 1487.9 ENG TT: TACH:				RIZED SIGNATUR TTIFICATE TYPE & NUMBER
E Tr	0-540-AB1AS NGINE SN: L2 EG. NO: 4195I /ORK ORDER: Ingine Entiroubleshoot GT probe ba hange Com ngine case. (ce542-48A E: 0197 ries Cylinder #d. Replace pplied with Ground rar	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT problem 25 hour oil change On aircraft, leak checked states and competent and inspection.	. Swapped e. Ground ill pressure satisfactory	adjuster	leaking engine o	il Tightened Oi	pressure adjus	A/C TSN E d cylinder 25 hour oil ster housi	: 1487.9 ENG TT: TACH: #4 I ng in				RTIFICATE TYPE
E Ch	0-540-AB1AS NGINE SN: L2 EG. NO: 4195I /ORK ORDER: Ingine Entiroubleshoot GT probe ba hange Com ngine case. (e6542-48A E congress Cylinder #d. Replace polied with Ground rare bed above verage on file se	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob 25 hour oil change O n aircraft, leak checked s	Swapped be. Ground bill pressure satisfactory d in accordance No. 019	adjuster	leaking engine o	il Tightened Oi	pressure adjust	A/C TSN E d cylinder 25 hour oil ster housin	#4 Ing in				RTIFICATE TYPE
E Ch	D-540-AB1AS NGINE S/N: L2 EG. NO: 4195f /ORK ORDER: Ingine Entire roubleshoot (GT probe bath hange Comingine case. (he work describertinent details	e6542-48A E congress Cylinder #d. Replace polied with Ground rare bed above verage on file se	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob 25 hour oil change On aircraft, leak checked s was performed and inspecte at this facility under Work of	Swapped be. Ground bill pressure satisfactory d in accordance No. 019	adjuster	leaking engine o	il Tightened Oi	pressure adjusting is approved for the control of t	d cylinder 25 hour oil ster housin return to see Work Orded datcomed	#4 Ing in rvice.				RTIFICATE TYPE
E E E C C C C C C C C C C C C C C C C C	D-540-AB1AS NGINE S/N: L2 EG. NO: 4195f /ORK ORDER: Ingine Entire roubleshoot (GT probe bath hange Comingine case. (he work describertinent details	26542-48A E 0197 ries Cylinder #- d. Replacia nplied with Ground ran bed above v. are on file i	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob 25 hour oil change On aircraft, leak checked s was performed and inspecte at this facility under Work SIGNED: Pat Pennington, A Aero Aero Addison	Swapped be. Ground bill pressure satisfactory d in accordance No. 019	adjuster //	leaking engine o	il Tightened Oi	pressure adjusting is approved for the control of t	d cylinder 25 hour oil ster housin return to sei Vork Orde datcomed	#4 Ing in				RTIFICATE TYPE
E TITE COLOR	D-540-AB1AS NGINE S/N: LZ EG. NO. 41958 OORK ORDER: roubleshoot (GT probe ba nange Com ngine case. (He work descril ertinent details ATE: 4/23/20 ENGINE MOD IO-540-AB1AS REG. NO. 419 WORK ORDE Engine En	28542-48A E 0197 ries Cylinder # d. Replacinglied with Ground rar bed above v. are on file to 012 DEL: S L26542-48A SE R: 0288 htries	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob 25 hour oil change On aircraft, leak checked s was performed and inspecte at this facility under Work SIGNED: Pat Pennington, A Aero 4689 Ed Addison Phone: 3	s Swapped lee. Ground iil pressure satisfactory d in accorda grer No. 019 Tech Se ddie Rickenb 1, TX 75001 214-728-900	adjuster /. noe with or ervices packer Driv	leaking engine o	il Tightened Oi	is approved for the depth of th	d cylinder 25 hour oil ster housin return to see datcomed DATE A/C T	#4 Ing in Ing ing in Ing ing in Ing i				RTIFICATE TYPE
E TI E E C C C er E P P P P P P P P P P P P P P P P P P	D-S40-AB1AS NGINE S/N: LZ EG. NO: 41958 /ORK ORDER: ragine Entr roubleshoot (GT probe ba ange Corr ngine case. (He work describertinent details ATE: 4/23/20 ENGINE MOD IO-540-AB1AS ENGINE S/N: WORK ORDE Engine En	28542-48A E 0197 ries Cylinder # d. Replacing Replace with Ground rar bed above v are on file a 012 DEL: S126542-48A S15E R: 0288 htries or Oil and Checked Sa	4689 Eddie Rickenbacker Addison, TX 75001 Phone: 214-728-9007 4 EGT slow to indicate ed cylinder #4 EGT prob 25 hour oil change O n aircraft, leak checked s was performed and inspecte at this facility under Work SIGNED: Pat Pennington, A Aero Addison Phone: 3	Swapped e. Ground ill pressure satisfactory d in accorda re No. 019 Tech Se didle Rickenb 1, TX 75001 214-728-900 icced engine h Engine C	adjuster adj	real real Avia	oil and installed as required and n	pressure adjusting the	d cylinder 25 hour oil ster housin return to see datcomed DATE A/C T	#4 mg in rvice. rvice.				RTIFICATE TYPE

-		Tit Dati	ANCE RECORD		
E I	THE THE	FAA - PMA	E WORK PERFORMED		AUTHORIZED SIGNATI
This tag	certifies the	at Sky-Tec Model No. 149-NL/ec was manufacturred new on 24 Jul 2012 was manufacturred new on 24 Jul 2012			& NUMBER
by Sky-T	Tec under t	he authority of FAA PMA No. PQU8525VV Supplement			
No. 7	proved Eah	CFR14 Part 21 in accordance with Sky-Tec's rication Inspection System (CFR14 Part 21 §21.303) and			
conforms	s to the rele	evant FAA-approved drawings. This part has been			
	ned to be a	Lucia			
Starter In	nstalled on	N (Aircraft) by AT Jenning Town (Mechanic)			
ENGINE MO		Aero Tech Services	DATE: 2, 1,13 ACTSN: 1548.2		
REG. NO: N		4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	ENG TT: TACH: 1548.2		
Engine E	Entries		-		
Oil Analys	sis Complie	Change C/W 50 hr oil & filter change. Serviced with 10qts Aero ad with Oil Analysis Look over Engine Looked over Engine rs loose Tighten Sump Bolts Checked torque and tightened rs Checked torque and tightened all Rocker cover gasket fast	and found Sump Bolts and Nuts loose. Found I all Sump fasteners as needed Tighten		
Lower Co	wling Rins	seed off oil residue from sump on engine and lower cowling.			7 WILLIAMS
Pertinent de	letails are on f	ile at this facility under Work Order No. 0393.	22 Valle Work Order: 0393		
DATE: p	2-1-13	SIGNED: YELL A.	Printed by EBis 3 (datcomedia.com)		
	-				
		ENGINE MODEL: O-540-ABTAS Aero Tech Services		TE: 4/15/2013	
		ENGINE MODEL: 10-540-AB1AS ENGINE Srn: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Aero Tech Services 4689 Eddie Rickenbacker Dri Addison, TX 75001 Phone: 214-728-9007	A/C Ve EN	TE: 4/15/2013 C TSN: 3103.4 NG TT: 1571.8 TACH: 1571.8	
	TOTAL TIN	10-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E 4689 Eddie Rickenbacker Dri Addison, TX 75001	A/C Ve EN	C TSN: 3103.4 NG TT: 1571.8	
- 1	TOTAL TIN IN SERVIC DURS	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- c/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Complied 15/50 oil and Ground Run Leak Checked Satisfactory Air filter	nual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ield with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged w	CTSN: 3103.4 NG TT: 1571.8 TACH: 1571.8 ctory #1 gapped for Shell	
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Compl 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte	nnual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed.	CTSN: 3103.4 NG TT: 1571.8 TACH: 1571.8 ctory #1 gapped for -Shell with oil as	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- security and found satisfactory C/W 25hr Oil Change Complied 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No. 0433.	nnual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts A needs cleaned and serviced Cleaned and recharged with a needed cleaned and serviced Cleaned and recharged with a current Federal Aviation Regulations and is approved for return	CTSN: 3103.4 NG TT: 1571.8 TACH: 1571.8 ctory #1 gapped forShell with oil as	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Complied 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED:	nnual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ided with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return the serviced and the serviced and is approved for return the serviced and the servic	ctory #1 gapped for -Shell vith oil as to service Order: 0433	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- security and found satisfactory C/W 25hr Oil Change Complied 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No. 0433.	nnual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts A needs cleaned and serviced Cleaned and recharged with a needed cleaned and serviced Cleaned and recharged with a current Federal Aviation Regulations and is approved for return	ctory #1 gapped for -Shell vith oil as to service Order: 0433	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Complied 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED:	nnual inspection of engine. Compression checked satisfacked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ided with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP3DSICLEA Work Printed by EBis 3 (datco	ctory #1 gapped for -Shell with oil as to service Order: 0433 pmedia.com)	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Compli 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED: Pat Pennington, IA: 3058066	nnual inspection of engine. Compression checked satisfa sked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP305/JOLGIA Work Printed by EBis 3 (datco	ctory #1 gapped for -Shell vith oil as to service Order: 0433 pmedia.com) DATE: 8/10/2013 A/C TSN:	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Compl 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED: Pat Perinington, IA: 3058066	nnual inspection of engine. Compression checked satisfa sked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP305/JOLGIA Work Printed by EBis 3 (datco	ctory #1 gapped for -Shell with oil as to service Order: 0433 pmedia.com)	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Compl 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0538	nnual inspection of engine. Compression checked satisfa sked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP305/JOLGIA Work Printed by EBis 3 (datco	CTSN: 3103.4 VG TT: 1571.8 TACH: 1571.8 ctory #1 gapped forShell vith oil as to service Order: 0433 omedia.com) DATE: 8/10/2013 A/C TSN: ENG TT:	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W 25hr Oil Change Compl 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED: Pat Perinington, IA: 3058066	nnual inspection of engine. Compression checked satisfa cked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP305JOLGA Work Printed by EBis 3 (datco	ctory #1 gapped for -Shell with oil as to service Order: 0433 omedia.com) DATE: 8/10/2013 A/C TSN: ENG TT: TACH: 1613.4	CERTIFICATE TYPE
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W Z5hr Oil Change Compli 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED: Pat Pernington, IA: 3058066 I ENGINE MODEL: IO-540-AB1AS ENGINE S/N L26542-48A REG. NO: N4195E WORK ORDER: 0538 Engine Entries Install New LH & RH Vacuum Pumps Installed New LH & RH	anual inspection of engine. Compression checked satisfa cked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines led with 25 hour oil change. Serviced engine with 8 qts Aneeds cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return AP305JOLGTA Work Printed by EBis 3 (dated by EBis 3)	CTSN: 3103.4 NG TT: 1571.8 TACH: 1571.8 ctory #1 gapped forShell vith oil as to service Order: 0433 media.com) DATE: 8/10/2013	
- 1	IN SERVIC	IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0433 Engine Entries C/W 100 Hour Inspection of Engine Complied with 100 hour/ar 71/80 #2 72/80 #3 69/80 #4 74/80 #5 71/80 #6 72/80. Chec and checked all spark plugs- C/W AD 2011-26-04 fuel injector L security and found satisfactory C/W Z5hr Oil Change Compl 15/50 oil and Ground Run Leak Checked Satisfactory Air filter needed Oil pressure adjuster crush gasket leaking oil Tighte The work described above was performed and inspected in accordance with Pertinent details are on file at this facility under Work Order No 0433. DATE: 4/15/2013 SIGNED: Pat Perinington, IA: 3058066 I ENGINE MODEL: IO-540-AB1AS ENGINE S/N L26542-48A REG. NO: N4195E WORK ORDER: 0538 ENGINE MODEL: IO-540-AB1AS ENGINE S/N L26542-48A REG. NO: N4195E WORK ORDER: 0538 Engine Entries Install New LH & RH Vacuum Pumps Installed New LH & RI- S/N 01D008 and function checked satisfactory. The work described above was performed and inspected in accordance with the complex of the compl	anual inspection of engine. Compression checked satisfa cked magneto timing and cleaned fuel strainer. Cleaned, ines Complied with AD 2011-26-04 Fuel Injector lines ied with 25 hour oil change. Serviced engine with 8 qts A needs cleaned and serviced Cleaned and recharged wined as needed. In current Federal Aviation Regulations and is approved for return Printed by EBis 3 (datco Printed by EBis 3)	CTSN: 3103.4 NG TT: 1571.8 TACH: 1571.8 ctory #1 gapped forShell vith oil as to service Order: 0433 media.com) DATE: 8/10/2013	CERTIFICATE TYPE

_	ENGINE MODEL:
D.	IO-540-AB1AS
	ENGINE S/N: L26542-48A
	REG. NO: N4195E
19.	WORK ORDER: 0607



Aero Tech Services

4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 DATE: 11/11/2013 A/C TSN: ENG TT: TACH: 1625.8

AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER

Engine Entries

C/W 50HR Oil & Filter Change... Complied with 50HR Oil and Filter Change. Serviced with 9qts Aeroshell 100 Plus Oil, Installed New Filter P/N AA-48110-2 as Needed. Leak Checked Salisfactory.- C/W Oil Analysis Check.... Complied with Oil Analysis.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under treat Order No. 0507.

DATE: 11/11/2013 ENGINE MODEL:

10-540-AB1AS

AFRO TECH

SIGNED:

Aero Tech Services

4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Work Order: 0607

DATE: 4/17/2014 A/C TSN: ENG TT: TSMOH: 1648.2 TACH: 1648.2

REG. NO: N4195E WORK ORDER: 0673 Engine Entries

ENGINE S/N: L26542-48A

Comply with 100 Hour Inspection of Engine.... Complied with 100 Hour/Annual Inspection of Engine. Compression Check #1 77/80 #2 73/80 #3 74/80 #4 76/80 #5 75/80 #6 72/80 Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer.

Cleaned, Gapped and Tested All Spark Plugs.- Comply with 25 Hour Oil Change... Serviced with 9 quarts Aeroshell 100 Plus Oil.-Comply with AD 2011-26-04 Fuel Injector Lines.... Performed AD 2011-26-04 Fuel Injector Lines. Inspection found satisfactory at this time.- Comply with AD 98-13-10 Exhaust system check... Performed AD 98-13-10 Exhaust system check.- Wash engine... Washed engine as needed.- Clean and gap spark plugs.... Cleaned, tested and gapped spark plugs. Installed with ant seize and torqued to speck.- Fuel flow transducer loose on bracket.... Positioned fuel flow transducer as needed and tightened.- Engine baffle to cabin heat muff needs RTV applied to chaffed areas around upper engine mount.... Applied RTV to engine baffle to heat muff Scat hose as needed prevent chaffing.- RH & LH exhaust outlet pipes loose @ muffler clamps.... Replaced RH & LH exhaust outlet pipe clamps with new hardware.- Mechanical Fuel Pump leaking fuel out of overboard drain.... Installed new fuel pump. Transfered Fittings to new fuel pump and installed with new Orings. Function and fuel check satisfactory.- Comply with Oil Analysis... Complied with Oil Analysis.- Tachometer cable needs lubricated... Tachometer cable lubricated as needed.- Fuel Flow Divider overboard Drain Hose needs grommet @ Engine Baffle.... Replaced grommet for fuel flow divider overboard drain hose as needed.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Work Octor No. 0673

DATE: 4/17/2014

SIGNE

- AP3058066IA

AP3058066

Work Order: 0673







MAKE: Cessna MODEL: 182S S/N: 18280363 REG. NO: N4195E WORK ORDER: 0695



Aero Tech Services

4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 DATE: 6/25/2014 A/C TSN: TACH: 1662.9

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Airframe Entries

Troubleshoot airspeed indicator In-op.... Found Airspeed indicator In-op. Removed and sent out for overhaul by Air Dallas Instruments. Reinstalled after OH and function checked satisfactory.- Install new daytron clock battery... Removed unit and installed new AA battery and reinstalled unit and function checked satisfactory.- C/W Pitot Static System Check.... Performed by Wriston Aviation and found satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Mork Order No. 0005

DATE: 6/25/2014

SIGNED: Pat Pennington, A&P: 3058066

~ AP3058066

Work Order: 0695

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 0703



Aero Tech Services

4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 DATE: 7/9/2014 A/C TSN: ENG TT: TSMOH: 1687.1

Engine Entries

C/W 50 Hour Oil & Filter Change.... Complied with 50 Hour Oil and Oil Filter Change. Serviced with 9qts Aeroshell 100 Plus Oil and Installed AA48110-2 Filter. Ground Run & Leak Checked Satisfactory.- Comply with Oil Analysis.... Complied with Oil Analysis...

The work described above was performed and inspected in eccordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under work Order No. 0703.

DATE: 7/9/2014

SIGNED: Pat Pennington, A&P: 3058066

Work Order: 0703

Printed by EBis 3 (datcomedia.com)

	TIME	ENGINE S/N. L26542-48A REG. NO. M4195F Addison TV J FOOL ADDISON TV	E: 4/1/2015 A/C TSN: ENG TT:	FD 0:00:-
HOURS	10ths	WORK ORDER: 0795 Phone: 214-728-9007	10H: 1719.8 ICH: 1719.8	ED SIGNATURE ICATE TYPE NUMBER
		C/W 100 Hour/Annual Engine Inspection Complied with 100 Hour/Annual Inspection of Engine. Compression Check #1. 75/80 #3 72/80 #4 70/80 #5 75/80 #6 73/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cle Gapped and Tested All Spark Plugs C/W 50hr Oil & Filter Change Complied with 50 Hour Oil and Oil Filter Change. Swith 9qts Aeroshell 100 Plus Oil and Installed AA48110-2 Filter, Ground Run & Leak Checked Satisfactory C/W AD 2000 Muffler Inspection C/W AD 2000-02-14 By Inspection of Mufflers. Found Satisfactory at this time. Installed Placard, Inset Copy of AD Into POH C/W AD 2008-26-10 Inspection of Alternate Air Valve C/W AD 2008-26-10 By Inspection of Alternate Air Valve. Found Satisfactory at this time. C/W AD 2013-11-11 Oil Pressure Switch Inspection Oil Pressure Switch Replaced on 3/17/2010 at Tach 1378.0 and Due Again at 4378.0, Found serviceable at this time C/W AD 2011-26-04 Fur Injector Line Inspection C/W AD 2011-26-04 By Inspection of Fuel Injector Lines. Found Satisfactory at this time C/W Oil Analysis Complied with Oil Analysis and found satisfactory All Spark Plugs Worn beyond limits Removed and Re all 12ea UREM38E Spark Plugs with new #2 Oil Return Line Leaking Tightened Clamps on #2 Oil Return Line as need Recommend Alternator Belt Replacement While Prop is Removed Replaced Alternator Belt with new Fuel Strainer Orivorn beyond limits Replaced orings in fuel strainer with new as needed.	eaned, erviced I-02-14 rted mate ch el Engine aplaced	
		The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to Pertinent details are on file at this facility under Work Order No. 0745	service	
		DATE: 4/1/2015 SIGNED: PT TO AP 3058066IU Work O	rder: 0795	
		Pat Pennington, IA: 3058066 Printed by EBis 3 (datcom	nedia.com)	
		CHANGED OIL @ 25HDG NOT ELLTED		
		JULY 1		21 1425678
		JOLY		
DATE TOTAL	IO-540 ENGIN REG. N	E MODEL: AB1AS AB1AS E S/N L26542-48A OR DET: 8/6/2015 A/C TSN: 4889 Eddle Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 DATE: 8/6/2015 A/C TSN: E NG TT: ENG TT: Addison, TX 75001 Phone: 214-728-9007 TACH: 1782.7		RIZED SIGNATUR
IN S	IO-540 ENGIN REG. N WORK	## ABT 15 FOR TECH SERVICES ## ABT 15 E S/N: L26542-48A NO: N4195E ORDER: 0843 ## Addison, TX 75001 Phone: 214-728-9007 ## Addison, TX 75001 Phone: 214-728-9007 ## Addison, TX 75001 Phone: 214-728-9007 ## Addison, TX 75001 TSMOH: 1782.7 TACH: 1782.7	CER	
IN S	IO-540 ENGIN REG. N WORK Engin Install center C/W 5	ABTAS E S/N: L26542-48A (20 No. N4195E CORDER: 0843 Addison, TX 75001 Phone: 214-728-9007 TSMOH: 1782.7 TACH:	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install	ABTAS E S.N. L26542-48A 1/O. N4195E O.RODER: 0843 None: 214-728-9007 Addison, TX 75001 Phone: 214-728-9007 TACH: 1782.7 AGT TSN: ENG TT: TSMOH: 1782.7 TACH: 1782.7	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	AGTS Tech Services AGT SN: ESN: L26542-48A (20: N4195E (20: N4195	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	ABTAS E S.N. L26542-48A 1/O. N4195E O.RODER: 0843 None: 214-728-9007 Addison, TX 75001 Phone: 214-728-9007 TACH: 1782.7 AGT TSN: ENG TT: TSMOH: 1782.7 TACH: 1782.7	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	ABTAS E S.N. L26542-48A (ORDER: 0843) Ne Entries new sparkplug in lower position on #6 cylinder Installed per customer request.— Troubleshoot oil temp fluctuation Found terminal post loose in probe. Removed faulty probe & installed new probe P/N S2335-1 and function checked satisfactory 0 Hour Oil & Filter Change Compilied with 50 Hour Oil and Oil Filter Change. Serviced with 9qts Aeroshell 100 Plus Oil and ed AA48110-2 Filter. Ground Run & Leak Checked Satisfactory C/W Oil Analysis Compilied with Oil Analysis. rk described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service not details are on file at this facility under War Order No. 0843 R/B/2015 SIGNED:	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	ABTOLES ABIAS E.S.N. L26542-48A (10) N. 14195E CORDER: 0843 The Entries Inew sparkplug in lower position on #6 cylinder Installed per customer request. Troubleshoot oil temp fluctuation Found the terminal post loose in probe. Removed faulty probe & installed new probe P/N S2335-1 and function checked satisfactory. O Hour Oil & Filter Change Complied with 50 Hour Oil and Oil Filter Change. Serviced with 9qts Aeroshell 100 Plus Oil and ed AA48110-2 Filter. Ground Run & Leak Checked Satisfactory. C/W Oil Analysis Complied with Oil Analysis. Trick described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service in details are on file at this facility under Way Order No. 0843. Pat Pennington, A&P: 3058066 Printed by EBis 3 (datcomedia.com) CHANGED OIL, NOT FILTER 25,3 HTS	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	ABTO Tech Services AGT SN: ESN: L26542-48A (OR DATE) CORDER: 0843 MEET TECH Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Phone: 214-728-9007 TACH: 1782.7 TACH:	CER	TIFICATE TYPE
IN S	IO-540 ENGIN REG. N WORK Engli Install center C/W 5 Install The wo	ABTOLES ABIAS E.S.N. L26542-48A (10) N. 14195E CORDER: 0843 The Entries Inew sparkplug in lower position on #6 cylinder Installed per customer request. Troubleshoot oil temp fluctuation Found the terminal post loose in probe. Removed faulty probe & installed new probe P/N S2335-1 and function checked satisfactory. O Hour Oil & Filter Change Complied with 50 Hour Oil and Oil Filter Change. Serviced with 9qts Aeroshell 100 Plus Oil and ed AA48110-2 Filter. Ground Run & Leak Checked Satisfactory. C/W Oil Analysis Complied with Oil Analysis. Trick described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service in details are on file at this facility under Way Order No. 0843. Pat Pennington, A&P: 3058066 Printed by EBis 3 (datcomedia.com) CHANGED OIL, NOT FILTER 25,3 HTS	CER	TIFICATE TYPE

			MAINTENANCE RECORD		
DATE	TOTAL T			F - 1	
19	HOURS	ENGINE MODEL: 10-540-AB1AS	ero Tech Services	DATE: 5/4/2016 A/C TSN: 1825	JTHORIZED SIGNATUR CERTIFICATE TYPE
	-	REG. NO: N4195E SERVICES AC	89 Eddie Rickenbacker Drive dison, TX 75001 one: 214-728-9007	ENG TT: 1825 TACH: 1825	& NUMBER
		Engine Entries	AIG. 219-120-0001		
		C/W 100 Hour Annual Inspection of Engir #2 72/80 #3 70/80 #4 70/80 #5 72/80 #	e Complied with 100 Hour Annual Inspection of Er	ngine. Compression Check #1 73/80	
	12	Cleaned, Gapped and Tested All Spark P	5 73/80. Found Satisfactory. Checked Magneto Timin ugs Tach needle jumpy Removed Tach cable a liled and function checked satisfactory Fuel flow incorporate specified for these wides.	g and Cleaned Fuel Strainer.	
		connections at Fuel Flow transducer and i	nspected for loose wiring. None found. Reconnected	dicator erratic Cleaned Electrical and function check non erratic but	
-4		Inspection Complied with AD 00-02-14	Engine Exhaust Muffler Inspection, No. discussion of the control o	C/W AD 00-02-14 Exhaust System	
		engine baffle plugs with new plugs - Insta	Il peoprene valve cover analysts	e engine baffle plugs Replaced	
		leak at rear of engine Troubleshot oil lea	k at rear of engine and found all cume halts to see	ed satisfactory Troubleshoot oil	
		Screw missing from RH muffler shield R	eplaced missing service with a supposed and reinstalled	d. Function checked satisfactory	
		Cylinder oil return tube leaking Tightene	d outboard hand clamp on subboard setup to be a file	eak checked satisfactory #3	
		needed in accordance with Lycoming Direct	t Drive OH Manual Leak checked satisfactors #1	#2 Cylinder hold down nuts as	
		nozzle with new nozzle Oil Pressure Rec	ulator gasket leaking Tightened Oil Breezes Barrier	nood loose. Replace #5 Cylinder	
		needed.	rmed engine wash Magnetos need timed to engine	e Retimed magnetos to engine as	T P INTER
ID I		The work described above was performed and ins	pected in accordance with current Federal Aviation Regulatio	use and is appropried for return to applied	
		DATE: FILIPPIA	Mr. Order No. 0967.	ins and is approved for return to service	
		OIGNED.	ton, IA: 3058066 AP30570d6I	Work Order: 0967	
				Printed by EBis 3 (datcomedia.com)	
		Aero 1	ech Services	DATE: 7/14/2016 A/C TSN: 1853.2 ENG TT: 1825	
DATE	TOTAL TI	10-540-AB1AS ENGINE S/N: L26542-48A	ie Rickenbacker Drive	HOBBS: 2076.5	THORIZED SIGNATURE,
DATE	IN SERV	REG. NO: N4195E WORK ORDER: 1014	14-728-9007		CERTIFICATE TYPE & NUMBER
19	HOURS	Engine Entries	ed with 50 Hour Oil and Oil Filter Change. Serviced with Leak Checked Satisfactor. C/W Oil Analysis Com Leak Checked Satisfactor. Depetion No discrepance	h 9qts Aeroshell 100 Plus Oil nolied with Oil Analysis C/W	
		C/W 50 hour Oil & Oil Filter Change Complied and Installed AA48110-2 Filter. Ground Run &	ed with 50 Hour Oil and Oil Filter Change. Serviced with Leak Checked Satisfactory C/W Oil Analysis Corn with AD 2000-02-14 Muffler Inspection. No discrepance	ies found. Next inspection due	
		AD 2000-02-14 Mulliel Hispectorian			
		The work described above was performed and inspec Pertinent details are on file at this facility under work.	ted in absordance with current Federal Aviation Regulations are	Work Order: 1014	
		SIGNED:	200 17 11 11 11 11	inted by EBis 3 (datcomedia.com)	
		Pat Pennington	A&P: 3058066	intod by III.	
			NOT FILTER. BUT AER	POSHELL MODE	
2/		OIL CHANGE	JOT PILIZIC. OUT THE	03/12/22 100	
/15/	17	1884.6			
1011	/				
037					Programmy 1000
the same	20 10 10				

DATE	TOTAL IN SEF	MAKE: Cessna MODEL: 182S S/N: 18280363 REG. NO: N4195E	Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001	DATE: 1/13/2016 A/C TSN: TACH: 1810	AUTHORIZED SIGNATUR
	HOURS	WORK ORDER: 0916	Phone: 214-728-9007		CERTIFICATE TYPE & NUMBER
	-	Airframe Entries Troubleshoot Aircraft slow	v to start Removed Battery S/N 40268866 P/N RG	24.11M Top charged and as least that have	
		Aircraft Install new Batt check satisfactory.	ery Removed old Battery P/N RG24-11M S/N 402	268866. Installed new Battery S/N 40769093. Function	
	-	The work described above wa	is performed and inspected in accordance with current Feder this facility under Work Order No. 0916.	ral Aviation Regulations and is approved for return to service	
		DATE: 1/13/2016	1 1 4	305966 Work Order: 0916	
			Pat Pennington, A&P: 3058066	Printed by EBis 3 (datcomedia.com)	
	1				
Shirt 14.	Legend III Le	- Marie - Carlotte			
				the second second second second second	
			THE COURS OF THE ROLL		
				DATE: 8/10/2017	
		ENGINE MODEL: IO-540-AB1AS	Aero Tech Services	DATE: 6/10/2017 A/C TSN: 1912.5 ENG TT: 1912.5	
		IO-540-AB1AS ENGINE S/N: L26542-4 REG, NO: N4195E	8A 4689 Eddie Rickenbacker Drive Addison, TX 75001		
DATE	TOTAL	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries	8A 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	A/C TSN: 1912.5 ENG TT: 1912.5 TACH:	ORIZED SIGNATURE,
DATE	TOTAL IN SER	IO-540-AB1AS	4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu	A/C TSN: 1912.5 ENG TT: 1912.5 TACH: ual Inspection of Engine. Compression Check #1 76/80 seked Magneto Timing and Cleaned Fuel Strainer.	HORIZED SIGNATURE, ERTIFICATE TYPE & NUMBER
		IO-540-AB1AS ENGINE ZIN: L26542-4: REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 : Cleaned, Gapped annual	Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu 44 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che d Tested All Spark Plugs C/W SB 3880 Valve Guide	AC TSN: 1912.5 ENG TT: 1912.5 TACH: all Inspection of Engine. Compression Check #1 76/80 ecked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no longer applies to this Engine. 2015.19.07 Fuel Injection Line & Clamp Inspection	ERTIFICATE TYPE
DATE 9	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 a Cleaned, Gapped an C/W AD 2000-02- Complied with AD 20	4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che d' Tested Ali Spark Plugs C/W SB 388C Valve Guid 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection Line & Clamp Inspection. No I	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 seked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return. Rubber Tubes instance. All Injectors show Fuel Istaining Removed	ERTIFICATE TYPE
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 : Cleaned, Gapped ani - C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned	Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che d Tested All Spark Plugs C/W SB 388C Valve Guid 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection Line & Clamp InspectionNo I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: all Inspection of Engine. Compression Check #1 76/80 ecked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil danter Gasket leaking Replaced RH Magneto Adapter	ERTIFICATE TYPE
	IN SER	IO-540-AB1AS ENGINE ZN: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 : Cleaned, Gapped and C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder & Gasket with New Gas	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annut 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che Tested All Spark Plugs C/W SB 388C Valve Guid 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection Line & Clamp InspectionNo Idea of Leak Check Satisfactory of the Cover to Special Religious All Fuel Injectors and Re-Installed All Injectors as needed. Satisfactory of the Cover to Special Religious Religious All Fuel Injectors and Re-Installed All Injectors and Religious Re	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 secked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter te at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fuel Case Half Bolts need Re-tourqued	ERTIFICATE TYPE
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 : Cleaned, Gapped and C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder #3 Gasket with New Gas need Re-torqued T Re-torqued Bolts as n	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu 44 78/80 45 74/80 45 76/80. Found Satisfactory. Che de Tested All Spark Plugs C/W-SB 388C Valve Guid Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection-Line & Clamp Inspection. No I de LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed RH Magneto Timing to Engirorqued #1 Cylinder Base Nuts to Specs as needed RH Tailpipe Clamp needs to be Repositione	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 scked Magneto Timing and Cleaned Fuel Strainer. Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return. Rubber Tubes isfactory. All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued id and Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9dts Aeroshell	ERTIFICATE TYPE
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 : Cleaned, Gapped ani - C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued T Re-torqued Bolts as n Tailpipe Clamp as net	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che decreased All Spark Plugs C/W SB 388C Valve Guid 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection. Line & Clamp Inspection. No I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as needed. Satisfactory Checked RH Magneto Timing to Engirorqued #1 Cylinder Base Nuts to Specs as needed. RH Tailpipe Clamp needs to be Repositione eded. C/W Oil & Filter Change Complied with 50 I stalled AA48110-2 Filter. Ground Run & Leak Checked RH Magneto Engirorqued #1 Cylinder Base Nuts to Specs as needed.	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 ecked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued dand Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp 1 10 23° BTDC. Adjusted to Sneps as needed Oil	ERTIFICATE TYPE
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3. 75/80 Cleaned, Gapped an - C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued T Re-torqued Bolts as n Tailpipe Clamp as ner 100W Plus Oil and Ins Replaced broken Bolt	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu 44 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che of Tested All Spark Plugs C/W SB 388C Valve Guid L4 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection. Line & Clamp Inspection. No I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed. RH Magneto Acket as needed. Checked RH Magneto Timing to Engire orqued #1 Cylinder Base Nuts to Specs as needed. RH Tailpipe Clamp needs to be Repositione eded. C. W Oil & Filter Change Complied with 50 is stalled AA48110-2 Filter. Ground Run & Leak Checket with New Bolt as needed. — LH Magneto needs Timing to Engine Case Jeakinn Oil. Removed Filting the Complication of the Province Case Jeakinn Oil. Removed Filting the Province Case Jeakinn Oil Removed Filting the Province Case Jeakinn Oi	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 ecked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed dedd #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued dand Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp d to 23° BTDC Adjusted to Specs.as needed Oil and applied Teflon Tape and Re-Installed Fitting as	ERTIFICATE TYPE
DATE 19	IN SER	IO-540-ABI AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 a Cleaned, Gapped and C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued T Re-torqued Bolts as in Tailpipe Clamp as net 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at right	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che of Tested All Spark Plugs C/W SB 388C Valve Guid 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection. Line & Clamp Inspection No I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed. RH Magneto Timing to Engire orqued #1 Cylinder Base Nuts to Specs as needed. RH Tailpipe Clamp needs to be Repositione edded. C/W Oil & Filter Change Complied with 50 I stalled AA48110-2 Filter. Ground Run & Leak Checket with New Bolt as needed. LH Magneto needs Timen thront of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 secked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed sided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued di and Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp di to 23° BTDC Adjusted to Specs.as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed.	ERTIFICATE TYPE
	IN SER	IO-540-ABI AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 a Cleaned, Gapped and C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued T Re-torqued Bolts as in Tailpipe Clamp as net 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at right	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #6 76/80. Found Satisfactory. Che d Tested All Spark Plugs C/W-SB 388C Valve Guid Muffler Inspection Found N/A by S/N C/W-AD: 15-19-07 Fuel Injection-Line & Clamp Inspection. No I de LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed. H Magneto Timing to Engire orqued #1 Cylinder Base Nuts to Specs as needed. edded. Checked RH Magneto Timing to Engire orqued #1 Cylinder Base Nuts to Specs as needed. Edded RH Tailpipe Clamp needs to be Repositione edded C/W Oil & Filter Change Complied with 50 I stalled AA48110-2 Filter. Ground Run & Leak Checked with New Bolt as needed LH Magneto needs Timen to front of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease e was performed and inspected in accordance with current Fere e at this facility under Was Order No. 223	AC TSN: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 secked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed sided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued id and Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp dt ot 23° BTDC Adjusted to Specs as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed.	ERTIFICATE TYPE
	IN SER	IO-540-ABI AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 a Cleaned, Gapped and C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued T Re-torqued Bolts as in Tailpipe Clamp as net 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at right	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che d Tested All Spark Plugs C/W-SB 388C Valve Guid Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection-Line & Clamp Inspection. No I de LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed RH Magneto Timing to Engir orqued #1 Cylinder Base Nuts to Specs as needed eded RH Tailpipe Clamp needs to be Repositione eded C/W Oil & Filter Change Complied with 50 I stalled AA48110-2 Filter. Ground Run & Leak Checke with New Bolt as needed LH Magneto needs Timer in front of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease e was performed and inspected in accordance with current Fere e at this facility under War Order No. 223	AC TSN: 1912.5 ENG TT: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 secked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed sided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued di and Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp di to 23° BTDC Adjusted to Specs.as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed.	ERTIFICATE TYPE & NUMBER
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 .: Cleaned, Gapped an C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued Bolts as n Tailpipe Clamp as nee 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at rightenedd. Leak Check !: The work described abov Pertinent details are on fill DATE: 6/10/2017	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annut A78/80 #5 74/80 #5 76/80. Found Satisfactory. Che did Tested All Spark Plugs C/W SB 388C Valve Guide 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection. Line & Clamp Inspection. No I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as need 3 Valve Cover to Specs as needed. RH Magneto Asket as needed. Checked RH Magneto Timing to Engirorqued #1 Cylinder Base Nuts to Specs as needed. Creded C/W Oil & Filter Change Compiled with 50 stalled AA48110-2 Filter. Ground Run & Leak Checke with New Bolt as needed LH Magneto needs Times at 15 month of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease e was performed and inspected in accordance with current Fele at this facility under Was Order No. 23 SIGNED:	AC TSN: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 acked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter he at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued dand Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp d to 23° BTDC Adjusted to Specs as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed. deral Aviation Regulations and is approved for return to service AP3 aspolutia Work Order: 1223 Printed by EBis 3 (datcomedia.com)	ERTIFICATE TYPE & NUMBER
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 .: Cleaned, Gapped an C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued Bolts as n Tailpipe Clamp as nee 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at rightenedd. Leak Check !: The work described abov Pertinent details are on fill DATE: 6/10/2017	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annut A78/80 #5 74/80 #5 76/80. Found Satisfactory. Che did Tested All Spark Plugs C/W SB 388C Valve Guide 14 Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection. Line & Clamp Inspection. No I ed LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as need 3 Valve Cover to Specs as needed. RH Magneto Asket as needed. Checked RH Magneto Timing to Engirorqued #1 Cylinder Base Nuts to Specs as needed. Creded C/W Oil & Filter Change Compiled with 50 stalled AA48110-2 Filter. Ground Run & Leak Checke with New Bolt as needed LH Magneto needs Times at 15 month of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease e was performed and inspected in accordance with current Fele at this facility under Was Order No. 23 SIGNED:	AC TSN: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 acked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter he at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued dand Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp d to 23° BTDC Adjusted to Specs as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed. deral Aviation Regulations and is approved for return to service AP3 aspolutia Work Order: 1223 Printed by EBis 3 (datcomedia.com)	ERTIFICATE TYPE & NUMBER
	IN SER	IO-540-AB1AS ENGINE S/N: L26542-4 REG. NO: N4195E WORK ORDER: 1223 Engine Entries C/W 100 HR/ Annual #2 71/80 #3 75/80 .: Cleaned, Gapped an C/W AD 2000-02- Complied with AD 20 leaking Oil Tighten All Injectors. Cleaned Re-torqued Cylinder # Gasket with New Gas need Re-torqued Bolts as n Tailpipe Clamp as nee 100W Plus Oil and Ins Replaced broken Bolt Pressure Fitting at rightenedd. Leak Check !: The work described abov Pertinent details are on fill DATE: 6/10/2017	A689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Inspection of Engine Complied with 100 Hour/Annu #4 78/80 #5 74/80 #5 76/80. Found Satisfactory. Che d Tested All Spark Plugs C/W-SB 388C Valve Guid Muffler Inspection Found N/A by S/N C/W AD: 15-19-07 Fuel Injection-Line & Clamp Inspection. No I de LH Oil Return Clamps as needed. Leak Check Sati All Fuel Injectors and Re-Installed All Injectors as nee 3 Valve Cover to Specs as needed RH Magneto Timing to Engir orqued #1 Cylinder Base Nuts to Specs as needed eded RH Tailpipe Clamp needs to be Repositione eded C/W Oil & Filter Change Complied with 50 I stalled AA48110-2 Filter. Ground Run & Leak Checke with New Bolt as needed LH Magneto needs Timer in front of Engine Case leaking Oil Removed Fitting Satisfactory Engine needs De-greased De-grease e was performed and inspected in accordance with current Fere e at this facility under War Order No. 223	AC TSN: 1912.5 ENG TT: 1912.5 TACH: Ital Inspection of Engine. Compression Check #1 76/80 acked Magneto Timing and Cleaned Fuel Strainer. e Inspection SB 388C no-longer applies to this Engine. 2015-19-07 Fuel Injection Line & Clamp Inspection Discrepancies Found LH Oil Return Rubber Tubes isfactory All Injectors show Fuel staining Removed ided #3 Cylinder Valve Cover Gasket leaking Oil dapter Gasket leaking Replaced RH Magneto Adapter ne at 23° BTDC as needed #1 Cylinder Base Nuts Lower Fwd Case Half Bolts need Re-tourqued dand Re-Seating Repositioned and Re-seated RH Hour Oil & Filter Change. Serviced with 9qts Aeroshell d Satisfactory Broken Bolt on Tailpipe Clamp d to 23° BTDC Adjusted to Specs as needed Oil and applied Teflon Tape and Re-Installed Fitting as ed Engine as needed. deral Aviation Regulations and is approved for return to service AP3 aspolutia Work Order: 1223 Printed by EBis 3 (datcomedia.com)	ERTIFICATE TYPE & NUMBER

		MAINTENANCE RECO	, no	
DATE	TOTAL TI IN SERV	ENGINE MODEL: Aero Tech Services	DATE: 4/9/2018 A/C TSN:	THORIZED SIGNATURE, CERTIFICATE TYPE
19	HOURS	ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 1370 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	ENG TT: TACH: 1962.4	& NUMBER
		Engine Entries		
- Emeralia		Clean, Gap and Test Spark Plugs Removed LH and RH upper cowling. Removed Plugs. with anti-seize. Torqued plugs to 35in. lbs. Reinstalled LH and RH upper Engli Cylinder Fuel Nozzles need cleaning due to slow EGT indications Removed all Fur reinstalled and torqued to specs as needed. Leak Check Satisfactory.	ne cowling. Ground Run Satisfactory #1 & #5	
		The work described above was performed and inspected accordance with current Federal Aviat Pertinent details are on file at this facility under Work Order No.1370. DATE: 4/9/2018 SIGNED:		
		Pat Penninaton, A&P: 3058066	Printed by EBis 3 (datcomedia.com)	
		ENGINE MODEL:	DATE: 5/31/2018 A/C TSN: ENG TT:	
		WORK ORDER: 1417 Phone: 214-728-9007 Engine Entries	TACH: 1979	
WE		Troubleshoot L/H Vacuum pump In-Op Troubleshot and found L/H Vacuum pump dri installed overhauled pump P/N 216CW S/N 179858 as required. Operational check sati Complied with 50 Hour Oil and Filter Change. Serviced with 9 qts Aeroshell 100 Plus Oi Filter as needed. Removed old crush gasket and installed 1ea. new crush gasket P/N A Checked Satisfactory C/W Oil Analysis Complied with Oil Analysis.as requested:-Tightened nut and bolt as needed on R/H Exhaust Tailpipe clamp as needed L/H Exhand bolt as needed on L/H Exhaust tailpipe clamp as needed.	il and Installed 1ea. New AA48110-2 Oil N900-16 as needed. Ground Run & Leak	Co. 100
		The work described above was performed and inspected in accordance with current Federal Aviation Pertinent details are on file at this facility under Work Order No. 1417	Regulations and is approved for return to service	
			2058066 Work Order: 1417	
		Pat Pennington, A&P: 3058066	Printed by EBis 3 (datcomedia.co	
		ENGINE MODEL: IO-540-AB1AS ENGINE SN. L26542-48A REG. NO. N4195E Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001	DATE: 7/3/2018 A/C TSN: 1912/ 5 ENG TT: 1912/ 5	
DATE	1		TACH:	
	TOTAL TIP	WORK ORDER: 1425 Phone: 214-728-9007 Engine Entries	1984.7	HORIZED SIGNATURE, CERTIFICATE TYPE
19	IN SERVI	WORK ORDER: 1425 Phone: 214-728-9007 IE Engine Entries	ion of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. see deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with tywraps and, inspected. Replaced both contact point rigine. Ground run & leak checked satisfactory. Section found satisfactory at this time. Analog seeve C/W AD 15-19-07 Fuel injector lines	
19	IN SERVI	Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection (2 73/80 #3 75/80 #4 72/80 #5 74/80 #6 75/80. Found Satisfactory. Checked Mag Cleaned, Gapped and Tested All Spark Plugs Fuel flow divider overboard drain ho installed new hose as needed #6 cylinder fuel injector identification tag separating security LH Magneto ignition harness chaffing on the vacuum pump housing Re as needed C/W 500hr Magneto Inspection Removed Mags, disassembled cleas sets. Re assembled and installed using new drive cushions, gaskets and timed to en C/W AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection EGT gauge lead disconnected Re connected and secured with tywraps and fire sle and clamps for security Complied with AD 15-19-07 by visual inspection and found The work described above was performed and inspected in accordance with current Federal Aviat Pertinent details are on file at this facility under Work Order No. 1425.	ion of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. see deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with tywraps ned, inspected. Replaced both contact point negine. Ground run & leak checked satisfactory. election found satisfactory at this time. Analog eeve C/W AD 15-19-07 Fuel injector lines a satisfactory at this time.	CERTIFICATE TYPE
19	IN SERVI	Phone: 214-728-9007 Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspecting 73/80 #3 75/80 #4 72/80 #5 74/80 #6 75/80. Found Satisfactory. Checked Mag Cleaned, Gapped and Tested All Spark Plugs Fuel flow divider overboard drain how installed new hose as needed #6 cylinder fuel injector identification tag separating security LH Magneto ignition harness chaffing on the vacuum pump housing Re as needed C/W 500hr Magneto Inspection Removed Mags, disassembled, clean sets. Re assembled and installed using new drive cushions, gaskets and timed to C/W AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection and secured with tywraps and fire sleand clamps for security Complied with AD 15-19-07 by visual inspection and found The work described above was performed and inspected in accordance with current Federal Aviat Pertinent details are on file at this facility under Work Orde No. 1425. DATE: 7/3/2018 SIGNED: AP360	ion of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. bee deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with tywraps ned, inspected. Replaced both contact point gine. Ground run & leak checked satisfactory lection found satisfactory at this time. Analog eeve. C/W AD 15-19-07 Fuel injector lines d satisfactory at this time.	CERTIFICATE TYPE
19	IN SERVI	Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection (2 73/80 #3 75/80 #4 72/80 #5 74/80 #6 75/80. Found Satisfactory. Checked Mag Cleaned, Gapped and Tested All Spark Plugs Fuel flow divider overboard drain ho installed new hose as needed #6 cylinder fuel injector identification tag separating security LH Magneto ignition harness chaffing on the vacuum pump housing Re as needed C/W 500hr Magneto Inspection Removed Mags, disassembled cleas sets. Re assembled and installed using new drive cushions, gaskets and timed to en C/W AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection EGT gauge lead disconnected Re connected and secured with tywraps and fire sle and clamps for security Complied with AD 15-19-07 by visual inspection and found The work described above was performed and inspected in accordance with current Federal Aviat Pertinent details are on file at this facility under Work Order No. 1425.	ition of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. Sose deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with tywraps ned, inspected. Replaced both contact point gine. Ground run & leak checked satisfactory. Section found satisfactory at this time. Analog seve C/W AD 15-19-07 Fuel injector lines distisfactory at this time. Ition Regulations and is approved for return to service	CERTIFICATE TYPE
19	IN SERVI	Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspecting the Total State of Total S	ion of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. See deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with tywraps ned, inspected. Replaced both contact point gine. Ground run & leak checked satisfactory lection found satisfactory at this time. Analog eeve. C/W AD 15-19-07 Fuel injector lines of satisfactory at this time. Work Order: 1425 DATE: 8/3/2018 A/C TSN: 2002.6 ENG TT: TACH: 2002.6	CERTIFICATE TYPE
19	IN SERVI	Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection #2 73/80 #3 75/80 #4 72/80 #5 74/80 #6 75/80. Found Satisfactory. Checked Mag. Cleaned, Gapped and Tested All Spark Plugs Fuel flow divider overboard drain ho installed new hose as needed #6 cylinder fuel injector identification tag separating security LH Magneto ignition harness chaffing on the vacuum pump housing Re as needed C/W 500hr Magneto Inspection Removed Mags, disassembled, clear sets. Re assembled and installed using new drive cushions, gaskets and timed to en C/W AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection and clamps for security Complied with AD 15-19-07 by visual inspection and found The work described above was performed and inspected in accordance with current Federal Aviat Pertinent details are on file at this facility under Work Ordes No. 1425. DATE: 7/3/2018 SIGNED: AP300 Aero Tech Services Clean #2 and #6 cylinder lower spark plugs Removed upper L/H Cowling. Removed Cleaned and Reinstalled with Anti-Seize. Reinstalled Upper L/H Cowling. Function cherometricals are on file at this facility under Work Order No. 1426.	ition of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. See deteriorated Removed faulty hose and from line Applied adhesive to the tag for epositioned harness and secured with tywraps ined, inspected. Replaced both contact point ngine. Ground run & leak checked satisfactory-ection found satisfactory at this time. Analog eeve C/W AD 15-19-07 Fuel injector lines of satisfactory at this time. Work Order: 1425 Work Order: 1425 DATE: 8/3/2018 A/C TSN: 2002.6 ENG TT: TACH: 2002.6 #2 and #4 cylinder lower spark plugs. cked satisfactory.	CERTIFICATE TYPE
19	IN SERVI	Engine Entries C/W 100 HR/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection #2 73/80 #3 75/80 #4 72/80 #5 74/80 #6 75/80. Found Satisfactory. Checked Mag. Cleaned, Gapped and Tested All Spark Plugs Fuel flow divider overboard drain ho installed new hose as needed #6 cylinder fuel injector identification tag separating security LH Magneto ignition harness chaffing on the vacuum pump housing Re as needed C/W 500hr Magneto Inspection Removed Mags, disassembled, clear sets. Re assembled and installed using new drive cushions, gaskets and timed to en C/W AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection and clamps for security Complied with AD 15-19-07 by visual inspection and found The work described above was performed and inspected in accordance with current Federal Aviat Pertinent details are on file at this facility under Work Ordes No. 1425. DATE: 7/3/2018 SIGNED: AP300 Aero Tech Services Clean #2 and #6 cylinder lower spark plugs Removed upper L/H Cowling. Removed Cleaned and Reinstalled with Anti-Seize. Reinstalled Upper L/H Cowling. Function cherometricals are on file at this facility under Work Order No. 1426.	ion of Engine. Compression Check #1 76/80 gneto Timing and Cleaned Fuel Strainer. See deteriorated Removed faulty hose and from line Applied adhesive to the tag for expositioned harness and secured with hywraps ined, inspected. Replaced both contact point ggine. Ground run & leak checked satisfactory. Section found satisfactory at this time. Analog seve. C/W AD 15-19-07 Fuel injector lines a satisfactory at this time. Work Order: 1425 DATE: 8/3/2018 A/C TSN: 2002.6 ENG TT: TACH: 2002.6	CERTIFICATE TYPE

					MAINTENAN	CE RECORD		
DATE 2019	TOTAL IN SER				DESCRIPTION OF THE W	ORK PERFORMED		AUTHORIZED SIGNATU CERTIFICATE TYPE
10 1	HOURS	10ths						& NUMBER
	2038.	5	CHANG	ED O	1L 5.15-19 8 Q	TS 100 PLUS, D	ID NOT	7.1
			CHANG	E 01	L FILTER			7
		Engine C/W 50 H Installed	B1AS B/N: L26542-48A N4195E RDER: 1496 Entries HR Oil & Filter Cha 1ea. New AA4811	inge Comp	Aero Tech Services 1689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Dilied with 50 Hour Oil and Filter Cha as needed. Torqued Filter to 18 Ft I Checked Satisfactory C/W Oil A	he using torque wrongh ID # 44	0470 C/N 0000000000	
		The work of		nerformed and	inspected in assessment in the second			
		DATE: 12	are are arring at ar	SIGNE	VICE O'I GET NO. 1995	_		
					ington, A&P: 3058066	AP3058066 Printed by	Work Order: 1496 y EBis 3 (datcomedia.com)	
- 1					/		,	
	1313							
					MAINTENANC	E DECORD		
ATE	TOTAL TI IN SERVI	10-540	NE MODEL: -AB1AS	ATEO TECH	Aero Tech Services	E DECORD	DATE: 8/9/2019 A/C TSN: 205-2 ENG TT 2065-2	ITHORIZED SIGNATURE CERTIFICATE TYPE
-		IO-540 ENGIN REG. I	-AB1AS IE S/N: L26542-48A NO: N4195E	ACRO TECH		E DECODD		
DATE 3	IN SERVI	IO-540 ENGIN REG. I WORK	I-AB1AS IE S/N: L26542-48A	ATRO TON	Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001	E BECOBN	A/C TSN: 2065.2 ENG TT: 2065.2	CERTIFICATE TYPE

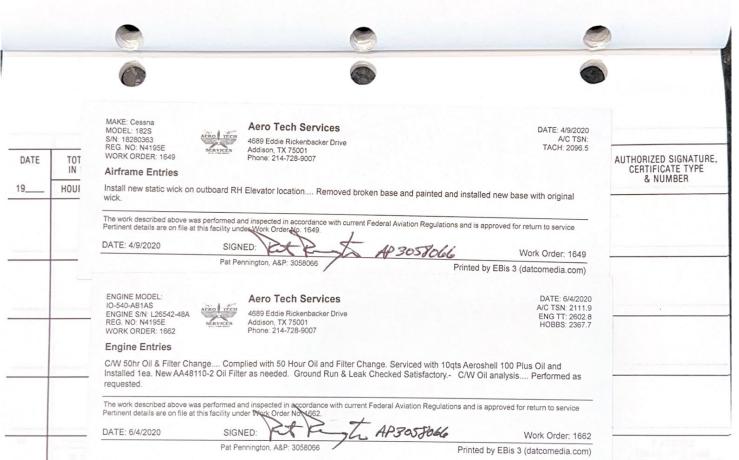
The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Nort Order No. 1563 173058066IA DATE: 8/9/2019 SIGNED:

Pat Pennington, IA: 3058066

Work Order: 1563

Printed by EBis 3 (datcomedia.com)

DATE 2020	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNA CERTIFICATE TY
2020	HOURS	10ths		& NUMBER
1-9-	2091	0	CHANGED OIL - 100 PLUS 8 GTS - NO FIL, ADDED CAMGUARD	TER CHC
		IO-54 ENGII REG. WORI Engi Troub 9910: altern	Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 The Entries Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Aero Tech Services 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007 Aero Tech Services 4689 Eddie Rickenbacker Drive Addison,	engine and found n at probe
		The w	ork described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved and details are on file at this facility under Work Order No. 1636. 3/6/2020 SIGNED: AF365 Felice	
	ALIES SON			3 (datcomedia.com)
1972	- Air	BIE		



ATE TOTAL	AL TI	Aero Tech Services	
IN S	SERV	WORK ORDER: 1689 Phone: 214-728-9007 TACH: 2134.2 Engine Entries	THORIZED SIGNAT
HOUR	RS	Clean & Gap Spark plugs Removed cleaned gapped tooled releated as a second tooled as a second	& NUMBER
		EGT connector Rerouted lead and installed fire sleeve as needed RH vacuum pump In-op Removed faulty pump and installed serviceable pump with same p/n. Function checked satisfactory Several engine wiring harness tywraps heat soaked and broken Removed faulty tywraps and installed new tywraps as needed Troubleshoot RH Magneto has no drop on mag. check Found LH magneto P lead has broken wire terminal. Removed faulty and installed new wire terminal. Function checked satisfactory.	
	+	The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under work Order No. 1889 DATE: 7/17/2020 SIGNED: Work Order No. 1889	
		Pat Pennington, A&P: 3058066 Work Order: 1689 Pat Pennington, A&P: 3058066 Printed by EBis 3 (datcomedia.com)	
		and the state of t	
		ENGINE MODEL: Aero Tech Services DATE: 9/3/2020 A/C TSN: 2153.4	
		ENGINE MODEL: Aero Tech Services AJC TSN: 2153.4 10-540-AB1AS ENGINE S/N: L26542-48A ENG TT: 2153.4 4689 Eddie Rickenbacker Drive ENG TT: 2153.4 Addison, TX 75001 TACH: 2153.4	
	TAL TIM	ENGINE MODEL: 10-540-AB1AS	CERTIFICATE TYPE
IN	SERVIC	## Agro Tech Services O-540-ABTAS	
IN	SERVIC	Aero 1ech Services IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs Comply with AD 2000-02-04 Muffler Inspection Comply with AD 15-19-07 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection. No anomalies found Comply with AD 15-19-07 2000-02-04 Muffler Inspection	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 Hone: 214-728-9007 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 WORK ORDER: 1708 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #8 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs. Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 24.8, R/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory. Forpeller Governor Rod End	CERTIFICATE TYPE
IN	SERVIC	Acro 1 ech Services IO-540-AB1AS ENGINE SN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 Hone: 214-728-9007 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs. Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 24.6, R/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory. Forpeller Governor Rod End has excessive play Removed worn Rod End and installed new Rod End. Function checked satisfactory. Forpeller Governor Rod End Halves leaking oil Retorqued Forward Lower Case Halves Hardware as needed #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required.	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SIN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 **TACH: 2153.4* Hone: 214-728-9007 **Engine Entries **Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L'H at 24.6, R/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory Forward Lower Case Halves leaking oil Retrorqued Forward Lower Case Halves Hardware as needed #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. R/H AFT Baffling at #5 Cylinder missing Bolt Installed serviceable Bolt, Washer and Lock Washer as needed. Found satisfactory at this time Rubber Grommet at Firewall for RH CHT wires deteriorate Removed faulty Washer as needed. Found satisfactory at this time. Rubber Grommet at Firewall for RH CHT wires deteriorate Removed faulty Washer as needed. Found satisfactory at this time.	
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory. Propeller Governor Rod End has excessive play Removed worn Rod End and installed new Rod End. Function checked satisfactory. Forward Lower Case Halves Hardware as needed. #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required, Function checked satisfactory. Prowed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. R/H AFT Baffling at #5 Cylinder missing Bolt Installed serviceable Bolt, Washer and Lock Washer as needed. Found satisfactory at this time Rubber Grommet at Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. Found satisfactory at this time Rubber Grommet and installed new Grommet as needed Engine needs degreased Degreased Engine and Firewall as Applied High-Temp RTV silicon and installed Standoff as needed Engine needs degreased Degreased Engine and Firewall as Applied High-Temp RTV silicon and installed Standoff as needed Engine ne	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SIN L26542-48A REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hri/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs. Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time. Install Customer Supplied Engine Tanis Heater Kit Installed Customer Supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 24.6, R/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory. Forward Lower Case Halves leaking oil Retorqued Forward Lower Case Halves leaking oil Retorqued Forward Lower Case Halves Hardware as needed. #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. Propeller Governor Advanced Lower Case Halves Hardware as needed. #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. Pk AFT Baffling at #5 Cylinder missing Bolt Installed serviceable Bolt, Washer and Lock Washer as needed. Function and installed new Grommet as needed. Degreesed Engine and Firewall Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. The Magneto P-Lead missing Electrical Boot Installed new P-Lead Electrical Boot as needed. Mixture Control Rod needed. L/H Magneto P-Lead missing Electrical Boot Installed new Rod End Installed Inst	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SIN: L26542-48A REG. NO: N4195E WORK ORDER: 1708 **TACH: 2153.4* Hone: 214-728-9007 **Engine Entries **Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs Comply with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection. No anomalies found Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time Install Customer Supplied Engine Tanis Heater Kit Installed customer supplied Engine Tanis Heater Kit as needed. Function checked satisfactory Performed Magneto Timing Check Performed Magneto Timing Check. L/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory Propeller Governor Rod End has excessive play Removed worn Rod End and installed new Rod End. Function checked satisfactory Forward Lower Case Halves Hardware as needed #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Washer as needed. Found satisfactory at this time Rubber Grommet at Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. Function checked satisfactory at this time Rubber Grommet at Firewall for RH CHT wires deteriorated Removed faulty Grommet and installed new Grommet as needed L/H Ram Air Seat Hose to L/H Exhaust Shroud chaffing on Ignition Leads Applied High-Temp RTV silicon and installed Standoff as needed Engine needs degreased Degreased Engine and Firewall for heeded #1 Vacuum Pump Cooling Scat Hose has holes Trimmed Scat Hos	CERTIFICATE TYPE
IN	SERVIC	Aero 1 ech Services IO-540-AB1AS ENGINE SIN L26542-48A REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hri/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs. Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Found satisfactory at this time. Install Customer Supplied Engine Tanis Heater Kit Installed Customer Supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 24.6, R/H at 23.5 Timed Magnetos to 23 degrees BTDC as needed. Function checked satisfactory. Forward Lower Case Halves leaking oil Retorqued Forward Lower Case Halves leaking oil Retorqued Forward Lower Case Halves Hardware as needed. #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. Propeller Governor Advanced Lower Case Halves Hardware as needed. #1, #2, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Function checked satisfactory. Pk AFT Baffling at #5 Cylinder missing Bolt Installed serviceable Bolt, Washer and Lock Washer as needed. Function and installed new Grommet as needed. Degreesed Engine and Firewall Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. The Magneto P-Lead missing Electrical Boot Installed new P-Lead Electrical Boot as needed. Mixture Control Rod needed. L/H Magneto P-Lead missing Electrical Boot Installed new Rod End Installed Inst	CERTIFICATE TYPE
IN	SERVIC	Aero 1ech Services IO-540-AB1AS ENGINE SIN: 125542-48A REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory, Checked Magneto Timing and Cleaned Fuel Strainer, Cleaned, Gapped and Tested All Spark Plugs Comply with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security. Complied with AD 15-19-07 Fuel Injector Lines and Clamps for Security Injector Lines Applied Security of Lines Applied Security of Lines Applied Lines Lines Applied Lines Li	CERTIFICATE TYPE
IN	SERVIC	AGEN ENGINE MORE: IO-540-AB1AS ENGINE SN: L25542-4BA REG. NO: N4195E WORK ORDER: 1708 Engine Entries Comply with 100hr/Annual Inspection of Engine Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 73/80 #6 74/80. Found Satisfactory, Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs. Comply with AD D- 2000-02-04 Muffler Inspection Complied with AD 2000-02-04 Muffler Inspection. No anomalies found. Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security Complied with AD 15-19-07 Fuel Injector Lines and Clamps for security Inspection. Shall be subjected to the statisfactory at this time. Install Customer Supplied Engine Tanis Heater Kit as needed. Function checked satisfactory. Perform Magneto Timing Check Performed Magneto Timing Check. L/H at 14-8 as excessive play Removed worn Rod End and installed new Rod End. Function checked satisfactory. Forward Lower Case Halves Hardware as needed. #1, #5, #4, #5 and #6 Cylinders Fuel Injectors have fuel staining Removed all Fuel Injectors and cleaned. Reinstalled Fuel Injectors with Anti Seize and torqued as required. Hundred High-Temp RTV silicon and installed sand installed serviceable Bolt, Washer and Lock Washer as needed. Found satisfactory at this time. Rubber Grommet at Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. Found satisfactory at this time. Rubber Grommet at Firewall for RH CHT wires deteriorated Removed faulty Washer as needed. Fund make the staining on Installed on the Rest Annual Processing Process	CERTIFICATE TYPE