Left Engine 1712

ENGINE MAINTENANCE RECORDS



Engines Are Our **ONLY** Business 1865 LAUNA • MONTROSE, CO 81401 (970) 249-0232 • 800-575-9929 • FAX (970) 249-4155

ENGINE MAINTENANCE RECORDS

			Log No.
Aircraft F	Registration No.	712	_
Engine M	Manufacturer Lycom	ling	
Model _	ID-540-E18.	5	
Serial No	L-5456-48		
Date insta	alled on aircraft	water the state of	*
Time Bety	ween Overhauls (TBO) _	1600 Hou	rs
	If used on multi-engi	ne aircraft:	
	RIGHT	LEFT	
	FRONT	REAR	

DATE	TACH OR RECORDING METER TIME	SIG	DESCRI GNATURE & CER		ORK PERFO		DRK	
	7 ·			* *	3	-		-
		-	.	WESTER 1865 launa Dr	N SKYWA	YS, INC.		
		Engine Mai	ke: LYCOMING		Model: _IC)-540-F1R5		
1		Serial Num	ber: <u>L-5456-48</u>				ia .	
			umber: 98067		W/O No	11180 Start Date: 4-98	Date: <u>4-2-98</u>	
*			School Section	LYCOMING	— Warrenty S	Start Date: 4-98		
		This engine	& accessoring war	LICOMING		Manual No.	60294-7-4	
		Directive &	Service Bulletin co	remanufactured mpliances. This	to "Factory NEW T engine was run in a		60294-7-4 ck section for Airworth vious Time: 1563.9	hine.
						×	and a	
			The accessories lis	sted below were	Wyork out - 1	olied with this engir	. =7	
			Part No.	Somial N	overnatiled and supp	olied with this engir	ie:	
	L	/H Mag:	10-163010-10	Serial No. 872988	D ~	Part No.	Serial No.	
	R	VH Mag:	10-163050-9	472414	Prop Gov:	*	NA	
_	F	uel Pump:		NA	Alt/Gen: Wastegate:		NA	>
	I II	nj/Carb:	391787-4	24197	Controller:).	. NA	
	1	Ian Valve:	391806		Controller:		NA	
		tarter:	MHB-4016	9L000431	Releif Valve:	,	NA	
	Tı	urbo:		NA	Vac Pump:		NA	
1.					Oil Pump:	2	NA	
					a z unip.		NA	
<u>*</u>	Th	e engine and	A nagazzani - 11 - 11	MAINTE	NANCE RELEAS	SE	*	
	— Av	iation Regu	d accessories identif	ned above were re	epaired and inspect	ed in accordance wi	th current Federal	
4			on on above work of		return to service. F	Pertinent details of the	ith current Federal his repair are on file at	
				ruer.	~			
					Signature	150		
					orginature	- 102		[9]
					-	Repair Station 1	No. WS9R575J	
		e 1			·			
		В				X		1
ē				T413 C	RANK RI	emorio è	122/99	
	o#5							
					2			

TACH OR RECORDING METER DESCRIPTION OF WORK PERFORMED --DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TIME ENGINE IO540E1B5, SN L545648 Position of AIRBRATT 1712 SN1450-159. TSMOH ENGINE WAS INSTALLED USING NEW LORD HOUNTS & bolts. AP 28/2019A DATE: 06-19-98 CENTURION AIR MAINTENANCE, INC. A/C: 600B N# 171Z HOBBS: 2443.1 TSMOH: 37.9 SERVICES: Change oil and filter. Service engine with 12 qts Aeroshell 100w. Check oil filter for metal. Adjust oil pressure. Return aircraft to service.

Page No. _

DATE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
7/3/98	2455,5	VISUAL ON ENGINE EXHAUT Checked Training @ 200 BTC	
7 70		IN ACCORDANCE WITH A 50 kc INSPECTED Sucho felleter	
		WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Check AUS 98-12	1
		M. Hog Fr	
		AINTENANCE # 22/Jaret	
		DATE: 07-26-98 CENTURION AIR MAINTENANCE, INC. 69335 HAWKSFLIGHT DR. SISTERS, OR 97759 H0BBS: 2498.1 TSMOH: 20-6 F3. 9 COMMANDE PROPERTY OF THE PROPERTY OF	
		SERVICES: Perform 100 hour inspection. Change oil and filter. Service engine with 12 qts Aeroshell 100W. Check oil filter for metal. Check oil screen. Compression check as follows: #1 78 #2 75 #3 77 #4 76 #5 75 #6 75. Check mags and mag timing. Clean gap and rotate spark plugs. Check exhaust and turbo system. Repaired Lt. wastegate. Adjusted oil pressure. Change turbo oil filter. C/W AD 93-02-5 Re: fuel injector lines. Clean and reoil airfilter element. Check all ADs thru 98-14.	
		I CERTIEY THAT THIS AIRCRAFT (ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL // 100HR // 50HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AP544130659	
1		Service of the servic	
8/13/98	2550.	8 INSTALLED NOW TACH Cabbe P/J (e/0217-501, OPS	
		8 INSTALLED NOW TACH Cable PLJ CO10217-501, 0PS Check Good, Paliston APSHISTEST	-
8/16/98	2553.6		
7154	1,90,7	how on angie I Au USTS kup form Unsual	_
		on engire & exhaut.	_
		CERTIFY THAT THIS ENGINE	
		NOOTENANCE WITH A STROWN INCOMESTICAL AND	
*		S DETERMINED TO BE IN AIRWORTHY CONDITION.	
		NTENANCE APSOLOGIA	
		THE PROPERTY OF THE PROPERTY O	

		Page No
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9-20-98	2561.6	Remove Engine due to low oil pressure
TSMOH	156.4	O Suyon
	,	AP 201 2018DO
		,
IC	0-540-E1B5	S/N: L-5456-48 Hobbs: 2561.6 Hrs. W/O: 11728 Date: 11-16-98
S/ m	N 7507 was s ain bearings a	sassembled for low oil pressure. Crankcase M/N 362 was sent to DIVCO. Inc. Crankshaft sent to Aircraft Specialties Services for regrind. Engine was reassembled with new rod and and gaskets. All work was done IAW Lycoming overhaul manual 90294-7-4 and table of was run in a test cell foe leak and operations check.
air	ne Engine ide worthy for re ork order.	Perry Nicholson Western Skyways. Inc. CRS No. WS9R575J
		CENTURION AIR MAINTENANCE, INC. GROSS RAMKES LIGHT DIC. SISTERS, DR. 97759 SERVICES: Reinstall engine this date after repairs made at Western Skyways. Reinstalled using existing mounts, and with all required toque values. Serviced engine with 15 qts Aeroshell 40. Installed turbochargers using new gaskets. Test run ok. LEERTIFY THAT THIS AIRCRAFT // ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL // 100HR // 50HR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.
01/18/99	HM 2513.5	Removed Englie to low oil Pressure.
		AP22/2019
		2

age No		
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	IO-	540-E1B5 S/N: L-5456-48 Hobbs: 2563.3 Hrs. W/O: 11967 Date: 2-22-99
	M/l acc rod	s engine disassembled for low oil pressure. Crankcase M/N 362 was exchanged for yellow tagged case N 1325. Crankshaft S/N 7507 was exchanged for yellow tagged crankshaft S/N 40597. Exchanged essory housing and oil filter adapter for serviceable components. Engine was reassembled with new and main bearings and gaskets. All work was done IAW Lycoming overhaul manual 90294-7-4 and le of limits. Engine was run in a test cell for leak and operations check.
. 1	airv	e Engine identified above was repaired and inspected IAW current FAA regulations and was found worthy for return to service. Pertinent details of this repair are on file at this repair station on above rk order.
		Perry Nicholson Western Skyways. Inc.
-		CRS No. WS9R575J
3/5/99		
	2563.5	REWSTRUED ENGINE THE DATE, AFTER REJAMS
SMON	158.3	COMPLETED AT WESTERN SKYWAYS, REWSTALLEN
W. W.	*	ENGLIVE IAW ALL SERVICE INSTRUCTIONS AND
£ .		TORQUE VALUES, SERVICED ENGINE WITH IS
(x)	56 55	OTS AFERDSHELL 100W. OPS CHECK WAR OK.
		IN ACCORDANCE WITH A 100 HAL INSPECTED WAS DETERMINED.
1	et is	CENTURION CENTURION
	ē di	MAINTENANCE SIMIL COOK APSYVI30687
	7.	
	5 H	

	-	Page No
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1		AERO AIR
	,	N171Z July 12, 1999 ACTT 9816.7 W.O. 3151 Left Engine
¥		Complied with a 50 hour inspection in accordance with maintenance manual requirements. Repaired broken wire in magneto retard wire to correct hard starting problem. Ground runs, operational checks and leak checks complied with, no discrepancies noted. APPROVAL FOR RETURN 10 CERVICE
		I certify that the aircraft identified above has been inspected IAW a "50 hour" type inspection and has been determined to be in an airworthy condition on the above indicated date IAW the requirements of FAR 91.409 (f). SIGNED, Designated Inspector for CRS O9IR003Y.
	}	AERO AIR N171Z, TCAC 500B, S/N 1450-159 W.O. 3245 August 27, 1999 ACTT 9866.6 hours/Meter 2682.6 hours
		Left eng TSO 277.4 hours Performed 100 hour inspection IAW FAR43, appendix D. Changed engine oil, serviced
	73	with Aeroshell 15-50W. Researched AD's through 99-16. Performed 100 hour recurring inspection IAW AD93-02-05 "Fuel injector lines". Performed <i>initial</i> inspection IAW AD98-18-12 "Fuel pump torque check", screws were all tight. Verified AD97-15-11 "Lycoming cylinder kits" is not applicable by date. Verified AD98-17-11 "Crankshafts" is not applicable by date. Verified that AD99-04-04 "Magneto impulse coupling" is not applicable by engine model number. Adjusted left oil pressure to specifications.
		APPROVAL FOR RETURN TO SERVICE
		I certify that the above described engine has been inspected IAW a _100 hour_ type inspection and has been determined to be in an airworthy condition on the above described date per the requirements of FAR 91.409(f).
		Signed, Inspector, Aero Air LLC., CRS# 091R003Y
		R.S. O9IR®®3Y ● 2050 N.E. 25th ● Hillsboro, OR 97124
		*
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age No	TACH OR	THE PROPERTY OF MODIF PEDECOMED
DATE	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
0/4	2728.0	
		INSPECTION SITEER. CHANGE ON AND FILTER
. 27		SERVICE ENGINE W/12QTS AFROSITELL
		ISWSO. CHECK PILTER FOR METAC. BANERAC
		INSPECTION OF ENGINE, CHECK ALL
٠		RELATED SCREENS OPS CHECK GOST
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
		IN ACCORDANCE WITH SOME INSPECTION AND
		CENTURION
s di		MAINTENANCE SUN DOM APSYY/3065974
-		10-25-99 Hibbs 27425TTENG 337.3 TTAJE 9926.5
- 4	*	C/W AD 98-18-12 DDMT 39-10728 IN ACCOUNTRE
		WITH SB 529 TOROVE CHECK OF SCHOWS
		ON Puck Pomo Due Again ATT 9976.5 A/C Time
		Col & // Helm ARP 173/350
4/10/2000	2743.7	Performed 100 hour Jaspiction IAW USFS 100 to Check list
		Changed oil & filters propert for metal, more found
		Servue w/shell 100w. Compression was as follows
		Server w/5 hell 100w. Compression was as follows #, 16/80 # 74/80 #3 73/80 # 4 74/80 #5 76/80 #6 7/80
		Checked Musp & tinsing a 20 BR Clean, gup, rotate
		Spank plays, Visual on Exhaust Check
		ADG3-02-05 fuel ing. lines due au wolus.
		UN AD 98-18-12 ON FUEL PUMP SERLUS TORGON
		Tight & This Time. Upisk AD'S THRU 20004
		Weld R/H Exhaust stack & balance take
		Repair waste-gate Renstall Using New
		MASKETS Horque & Safty. All Systems vonasal
		ON GROUND RUN-UP.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Holson	HM 2743.7	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A LOOK INSPECTION AND
. /		WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		CENTURION (b Musha pla 22216
		MAINTENANCE W. Sugar - AF 3 0 301 7
		N# 171Z Hobbs: 2789.2 Date: 7/5/2000 WO#101273
		1.) Drained oil and filled with 12qts aeroshell W100 oil.
		2.) Changed turbo filter P/N CH48108 and engine filter
		P/N CH48110. 3.) Completed Aero Commander 50 hour inspection.
		4.) Ran and leaked checked
*		Joshua Bradford APS41157654 Just D B
		Joshua Bradford AP541157654 July 13 73
/ /	HM	0 0 1 1 1 - 2 2 10-6 7 7
9/1/00	2839.7	HORTORAY 100 M INSP I AW USTS INSP
TSMOH	434.5	Guide Change vil & felters Jusp for
		metal none found Sewer W/ Shell 100 W.
		Sample taker & lower ours seren claim.
		Cleur, Jap rotate spark plus Chest
		Mag tuning @ 20° BTC Comp. was as follows
		# 74/80 # 2 74/80 # 3 75/80 # 4 16/80 # 3 75/80 # 15/80
2		Remove regt into turbo mount prachet, weld, reinter
		torque & safty Uw AD 93-02-05 Fuel INS
		live NSP due la 100 hus (2939.7) Check AD '5
		THEV 2000-16
		CERTIFY THAT THIS ENG HAS REEN INCOCCUE
		IN ACCORDANCE WITH A USFS 100 M LINEDECTION
		WAS DETERMINED TO BE IN AIRWORTHY COMPLIAN
		CENTURION U. Jungan
	-	MAINTENANCE AP 13/30/24
		14 - Walle for the form from from the contraction of the contraction o

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N171Z, Commander 500B, S/N 1450-159 W.O. 4554 **May 25, 2001**<u>ACTT: 10053.4 hours/hobbs 2869.5 hours</u> L. engine S/N L-5456-48, TSO: 464.3 hours

Performed **100 hour/annual** inspection IAW Forest Service Report FS5700-F. AD's researched through 2001-10. Complied with **AD98-18-12** "Fuel pump torque check", screws required retorque and retorque is required again in 50 hours or 6 months, which ever comes first. Complied with recurring inspection per **AD93-02-05** "Fuel Injection Lines". Changed engine oil and filters (Aeroshell 50W). Performed compression check, cleaned spark plugs. Repaired oil leak by tightening a loose oil line. Replaced engine air filter with a *new* Bracket filter P/N BA151E per STC SA71GL. Replaced frayed turbocharger output/engine induction hoses as needed. Engine functionally checked and

APPROVAL FOR RETURN TO SERVICE

I certify that the above aircraft/engine has been inspected IAW a 100 hour/annual type inspection and has been determined to be in an airworthy condition on the above date IAW the requirements of FAR91.409(f).

Signed: White

leak checked as necessary.

Inspector, Aero Air LLC, CRS 09IR003Y 2050 NE 25 Ave. Hillsboro, OR 800-448-2376

		The state of the s	
v			
7/27/01	2914.7	Perturn 50 m INSP IAW USFS GUIDE.	
	509.5	Change oil & check screen, fetter and	-
		tubo felter CHYSIDS for Metal None found	
		SAMPLE THEN SERVICE W/Shell 1000.	
		VISUAL ON EXAMOST.	
		CERTIFY THAT THE FORMULE	
7		THE ACCORDANCE WITH A SEME INCREASE	
		CENTURION AIR WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AIR	
		MAINTENANCE Le duyda	
		30/300 17	
8/13/01	2968.5	Performed 115FS 100 h INSP, Change oil & filters & suction	
TSMOH		ECREEN, NO METAL SERVICE W/SHELL 100W (1295). Check Compression	
		HOT # 1 70/50 2 74/50 #3 70/50 #4 74/80 #5 74/50 6 70/50	
-0		Clear, GAP, Rotate Spark plays Check Mag Timing	
		Visual ON Exhaust, Check FI sereon & sump	
		OK AD 98-18-12 FUEL PUMP TORGUE - QUE EVERY 6 MOS	
		OR 50 hrs. CK AD 93-02-05 FUE/INJ /INES =	
		INSP Every looks, CK ADS THEN 2001-15 cont of	

		rage No.
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE, & CERTIFICATE NO. OF PERSON PERFORMING WORK
	CENTIFY '	HAT THIS TOTAL HAS BEEN INSPECTED HAT THIS TOTAL HAS BEEN INSPECTED HAVE WITH A LET'S 1000 MEDICATION AND
	NACCORE	ANCE WITH A SELECTION OF THE CONDITION.
	CENTURK	
	AIR MAINTEN	16934 3014
8/29/01	HM 3015.5	Perform USFS 50 KR ON ENGINE Change
, ,	V	OIL & FITTERS Check FITTERS & SICTION
er .		speen for netal, none found service a
		12/ 913 shell 100W. Remove IGNITION
ж		HARDESS (Champion) INSTALL SLICK HARNESS
		CNEW / P/N/12/21. Dis Eleak of NORMAL.
		VISUAL ON EXHAST, GEAN AGAITER.
		W. Duyter
		Al 52/201919
924/01	3065,6	Portous 100 h USFS ON ENGINE
TSMOH	660.4	TAN USTS ITUSP. GUIDE. Change oic
		I filtERS CK for METAL NONE found. Som,
	-	W/ Shell 100W. Checked Compression
		# 175/80 #2 1/80 #3 1/80 #4 72/80 #5 1/80 6 1/80
		CK MAG TIMING @ 200 BTC. VISUAL ON
		Expast. CKAD 93-02-05 ON Frel INS
		Ines- due cu. 1000s. Ck good. Ck TORQUE
		ON FUCL PUMP IAW AD 98-18-12 CK AD'S
		THEV. 2001-17 ICERTIFY THAT THE ENG HAS BEEN MORES
,		IN ACCORDANCE WITH A LESS CO INSPECTION AND
		WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		MAINTENANCE 4P30/2018

SOLECA (NO METAL) SERVICE W/ SHELL LOW THE BANKES ON # 196 #		I BELUBUING	
3/1/2 3087. 2 Perform 100 M INSP ON ENGINE IAW USFS 15/1004 1082.0 INSP. GUIDE. Change OIL & FILTERS & OK SIETTO SCREEN (NOMETAL) SERVICE W/SHEIL 100W THE ICAMPLESSION # 7 750 \$ 7760 \$ 7760 \$ 7450 \$ 78 REMOVED MAGS FOR 500 M INSP. USSASSEMBLE, P.T. MANN POINTS REASS. I AW TOM/BENDIX Off HAM REINSTALL USING NEW GASMETS & TIME TO ENGINE (P. 20 BTCL, Clean, 9Ap, Test, Rotate SPARK PLUGS. WISUAL ON EXHAUST, FOUND R/H STACK ORRESON & FOUND PROP I NSTALLED ONK HOLE OFF. REMOVE SPINNER & MOP RESEAT DISTING IN CRANK & INDEX SUPPORT TO CORRECT LOCATION IN CRANK & INDEX SUPPORT TO CORRECT LOCATION IN CRANK & INDEX SUPPORT TO CORRECT LOCATION LOW LYC & HART-YELL WEN GRING (MSS8775-228) INSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY REINSTALL PLAP TORQUE TO GS FT (65 & SAFETY RESULTS AND DISTORDED TO GS IN SIGNAR PROPERTIES IN ACCORDANCE WITH A USS COMPANDED TO SEEN INSPECTION AND ICERTIFY THAT THIS ENGINE PLANS PRECION AND IN ACCORDANCE WITH A USS COMPANDED TO SEEN INSPECTION AND IN ACCORDANCE WITH A USS COMPANDED TO SEEN INSPECTION AND WAS DETERMINED TO SE IN A SINCEPPED TO SEEN INSPECTION AND WAS DETERMINED TO SE IN A SINCEPPED TO SEEN INSPECTION AND	2002	METER TIME	
Solver (NO METAL) SERVICE W/ SMELL (2000) THE COMPRESSION # 195 # 1950 #	3/1/02	3087. 2	Perform LOOM INSP ON ENGINE IAW USFS
REMOVED MARGE FOR 500 M TIVED DISSASSEMBLE, P. T. REMOVED MARGE FOR 500 M TIVED DISSASSEMBLE, P. T. MAIN POINTS REASS. I AN TOM/BENDIX OF HAM. REINSTAIL VIING NEW GASTETS & TIME TO EMP. (P. 20°BTOL, Clean, Pape, Test, Rotate Spanel. PLUGS. VISUAL ON EXHAUST, FOUND RITH STACK. OKREWED OF BALANCE TOBE, WELD & RENSTALL VSING NEW CHSWITS, CLEAN TUE (SUMP & SERVE LARGED). FOUND PROP I NSTALLED ONE HOLE OFF. REMOVE SPINNER & Prop RESEAT DISMINING LARNER & INDEX SUPPORT TO LORRECT LOLATE IN CRANK & INDEX SUPPORT TO LORRECT LOLATE LOW LY A HARTMEN OF MARGE OR BEST. INSTALL PLOP TORQUE TO 65 TT 165 & SAFETY REINSTALL STINNER & TIGHTON GEN BELT. CHWAO 93-02-05 ON FI LINES CK GOOD AVE LA LOOKS. UN AD 98-18-12 ON TORQUE OF FUEL PUMP SURWS CK GOOD. GK AN JCOO-18-53 ON OIL FILTER ADDRESS ON BY MICHOL ASSECTION AND IN ACCORDANCE WITH A USS EMEN INSPECTION AND WAS DETERMINED TO BE IN AUMINIPOLITIES INSPECTION AND	BMOH	682.0	INSP. GUIDE. Change OIL & FILTERS & OK SUTTON
REMOVED MARS FOR 500 M INSP. DISSASSEMBLE, P. MAIN POINTS REASS. I AN TOM/BENDIX OF HAM. REINSTAIL VOING NEW GASNETS! TIME TO ENG. Q 20 BTQ. Clean, Pap. Test, Rotate Spank. Plugs. VISUAL ON EXHAUST, FOUND R/H STACK. ORRERO @ BALANCE TOPE, WELD & RENSTAIL VSING NEW EASIETS, Clean TVE! SUMP & SERVE LARDEN. FOUND PROP I NSTALLED ONK HOLE OFF. REMOVE SPINNER & Prop RESEAT DISMINIMINION LARNER & INDEX SUPPORT TO LORRECT LOLATER IN CRANK & INDEX SUPPORT TO LORRECT LOLATER IN LY A HART-LEW OfT MANS. DE STUDGE CRAN & Prop Install Rew Gring (MSA8775-228) INSTALL PROP TORQUE TO 65 TT (65 & SAFETY REINSTAIL SPINNER & TIGHTEN GEN BELT. C/W AD 93-02-05 ON FI LINES CK GOOD AVE LA LORDE. UNA AD 98-18-12 ON TORQUE OF FUEL PUMP SURIUS CK GOOD. GR AN 2000-18-53 ON DIL FILTER ADDRESS ON BY HODE OF ALL SYSTEMS NAMED ON GROUND RUN. IN ACCORDANCE WITH A USS ROME INSPECTION AND WAS DETERMINED TO BE IN ALMOSTED INSPECTION AND	EM- 11	16.9	SCREEN (NOMETAL) SERVICE W/ SHELL 100W THROW POR 19/50 # 19/50 # 19/50 # 19/50 # 19/50 # 19/50
MAIN POINTS REASS. I AW TOM/BENDIX OLH HAM REINSTALL USING NEW GASNETS & TIME TO ENGIN DOBTO, CLEWN, PAP, TEST, ROTATE SPANK plugs. Visual ON EXHAUST, FOUND R/H STACK ONAIRED OF BALANCE TORE, WELD & RENSTALL VSING NEW EASHETS, CLEAN FUE (SUMP & SERVE LARGED). FOUND PROP I NSTALLED ONK HOLE OFF. REMOVE SPINACE & Prop RESEAT DISTINI IN CRANK & IN CLEAN SUPPORT TO CORRECT LOCATE TOWN LYCH HARTMEN OFF MAINS. DE STUDGE CRAN & PROP INSTALL NEW ORING (MSA8775-228) INSTALL PROP TORQUE TO GS FT 165 & SAFETY REINSTALL PROP TORQUE TO GS FT 165 & SAFETY REINSTALL SPINNER & TIGHTEN GEN BELT. UN AD 93-02-05 ON FI LINES CK GOOD OVE CHICORS. UN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUUS CK GRAN OK AN JCOO-18-53 ON DIL FITTER ADAPTER DNA BY MEDICAL SYSTEMS NOWMAN IN GROUND RUN. I CERTIFY THAT THIS ENGINC HAS BEEN INSPECTED WAS DETERMINED TO BE IN AIMMOSTED POSTEDION AND			
Reinstall using New gasnets & Time to Eng. (D 20°BTC, Cleans, Pape, Test, Rotate Spark) plugs, Visual on Exhaust, Found R/H STACK OKARRED (O BALANCE TOBE, Weld & REINSTALL VSING NEW GASHETS, Clean Fue (SUM) & SERVE LARDEN. FOUND PROP I NSTALLED ONK HOLE OFF. REMOVE Spinner & Prop Respat Dishin IN CRANK & INDEX SUPPORT TO CORRECT LOCATION IN CHANK & INDEX SUPPORT TO CORRECT LOCATION LAND TOSTALL NEW ORING (MS28775-228) INSTALL PROP TORQUE TO 65 TILLS & SAFETY REINSTALL PROP TORQUE TO 65 TILLS & SAFETY REINSTALL Spinner & TIGHTEN GEN BELT. CIW AD 93-02-05 ON FI LINES CK GOOD DIE fuel pump screws CK good GK AN 2000-18-53 ON OIL FILTER ADAPTER DNA BY MIDDEN SPECTED WAS DETERMINED TO BE IN ALMORPH SPECTED			
Plugs. VISUAL ON EXHAUST, FOUND R/H STACK. ORRERED (A) BALLANCE TOPE, WELD & REWSTALL VSING NEW GASHETS, CLEAN FUE (SUM & SERVE LARDON FOUND PROP I NSTALLED ONE HOLE OFF. REMOVE SPINNER & Prop Reseat DISTALL IN CRANK & INDEX SUPPORT TO CORRECT LOCATION IN CRANK & INDEX SUPPORT TO CORRECT LOCATION LOW LYCH HARTMEN (A)H MANDS. DES INDER CRAM & Prop Install New Oring (MS28775-228) INSTALL PROP TORQUE TO 65 TT (15 & SAFETY REINSTALL SPINNER & TIGHTON GEN BELT. LIW AD 93-02-05 ON FI LINES CK GOOD DUE CALODERS. UNA AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CK GOOD. OR AND JCCO-18-53 ON OIL FILTER ADAPTER ON A BY MODEL OF ENGINE. ORACLE ADIS THAN JCCO-OF. All SYSTOMS NOWMAND I CERTIFY THAT THIS ENGINE CHASPECTION AND WAS DETERMINED TO BE IN AIMMONTHY OURSELLED WAS DETERMINED TO BE IN AIMMONTHY OURSELLED.			REINSTALL USING NEW GASIETS & TIME TO ENGINE
ORACINED (O BALANCE TORE, WELD & RENSTALL VSING NEW GASHETS, DEAN FUE (SUMP & SERVE LIREDN. FOUND PROP I NSTALLED ONE HOLE OFF. REMOVE SPINNER & PROP RESEAT DISTINI IN CRANK & IN DEX SUPPORT TO CORRECT FOLATION LYA + HART-LEW GITHARDS. DESINDER CRAN & PROP INSTALL NEW ORING (MSA8775-228) INSTALL PROP TORQUE TO 65 77 (155 & SAFETY REINSTALL STINNER & TIGHTEN GEN BELT. (JW AD 93-02-05 ON FI LINES OR GOOD OF FUEL PUMP SCRUWS OR GOOD. OF AND JUDGE OF WAS DETERMINED TO BE IN AHMOORTHY POOLING.			@ 20°BTC, Cleans, PAP, Test, Rotate Spanic
VSING NEW GASHTS, CLEAN FUE (SUMP & SERVE LARGEN). FOUND PROP INSTALLED CAK HOLE OFF. REMOVE SPINNER & Prop RESEAT DISTINI IN CRANK & INDEX SUPPORT TO CORRECT LOCATION IN CHANK & INDEX SUPPORT TO CORRECT LOCATION INDUSTRICE NEW ORING (MS28775-228) INSTACE PROP TORQUE TO 65 FT 155 & SAFETY REINSTALL PROP TORQUE TO 65 FT 155 & SAFETY REINSTALL SPINNER & TIGHTEN GEN BELT. C/W AD 93-02-05 ON FI LINES CK GOOD QUE PA(CORDS. CLN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CK GOOD. OK AN 2000-18-53 ON OLL FILTER ADAPTER DNA by MODEL OF ENGINE. Check ADIS THRU 2002-04. All SYSTEMS NORMAN ON GROUND RUN. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED WAS DETERMINED TO BE IN AIMMOSTER OR AND			glugs. VISUAL ON EXHAUST, FOUND R/1+ STACK
CARREND. FOUND PROP INSTALLED ONE HOLE OFF. REMOVE SpINNER & PROP RESEAT DISTINI IN CRANK & IN DEX SUPPORT TO CORRECT LOCATE LOW LYCH HARTTEN OFT MANDS. DES LUDGE CRAN & PROP INSTALL NEW ORING (MSASTTS-228) INSTALL PROP TORQUE TO 65 FT US & SAFETY REINSTALL SILVINGUE & TIGHTON GON BELT. C/W AD 93-02-05 ON FI LINES CK GOOD DUE CA (DOWN. C/N AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CK GOOD. GK AN DECO-18-53 ON OIL FILTER Adapter DNA by MEDEL OF ENGINE. OTHERS ADIS THRU DOOD-OF. ALL SYSTOMS NORMAN ON GROUND RUN. I CERTIFY THAT THIS ENGINE CHAS BEEN INSPECTED WAS DETERMINED TO BE IN ALHONOMY NORPECTION AND			ORACIOS (a) BALANCE TOBE, WELD & RENSTALL
OFF. REMOVE SpINNER & PROP RESEAT DUSHING IN CRANK & IN GER SUPPORT TO CORRECT LOCATION LYCH HARTMEN GITH MANS. DESINGE CRAN & PROP INSTALL NEW ORING (MSASTTS-228) INSTALL PROP TORQUE TO 65 TT 165 & SAFETY REINSTALL STINNER & TIGHTEN GEN BELT. () LIW AD 93-02-05 ON FI LINES CR GOOD QUE LA LOORS. CLA AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CR GOOD. OR AN DECO-18-53 ON OIL FITTER Adapter DNA by MODEL OF ENGINE. Check ADIS THRU 2002-07. All SYSTEMS NORMAN ON GROUND RUN. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTION WAS DETERMINED TO BE IN ALTHWOODERS CONTEND WAS DETERMINED.			VSING NEW GASILETS, CLEAN FUEL SUMP & SERVO
IN CRAWK & IN GER SUPPORT TO CORRECT LOCATION LOW LYCH HARTMEN OF MANUS. DE STUDGE CRAM & PROP INSTALL NEW ORING (MS28775-228) INSTALL PROP TORQUE TO 65 FT 155 & SAFETY REINSTALL STINNER & TIGHTON GEN BELT. LIW AD 93-02-05 ON FI LINES CK GOOD DIE CH (OOMS. CLN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUUS CK GOOD. OK AN 2000-18-53 ON OIL FITTER ADAPTER DNA by MODEL OF ENGINE. ON GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED WAS DETERMINED TO BE IN AIHWORTHY OF THE PROPERTY.			
LOW LYCH HARTMEN OFT MANS. De Sludge CRAM A PROP INSTALL NEW ORING (MSA8775-228) INSTALL PROP TORQUE TO 65 TT 165 & SAFETY REINSTALL STINNER & TIGHTON GON BELT. C/W AD 93-02-05 ON FI LINES CK GOOD DIE CA (CORDS. CLN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CK GOOD. GK AN 2000-18-53 ON OIL FILTER Adapter DNA by Model of ENGINE. OR GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTION AND WAS DETERMINED TO BE IN AIRWOOD ON AND	-	-	
I Prop INSTALL NEW ORING (MS28775-228) INSTALL PROP TORQUE TO 65 FT 165 & SAFETY Reinstall Sylvnew & Tighten Gen Belt. C/W AD 93-02-05 ON FI LINES CK GOOD QUE LA LOOKS. CLN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUWS CK GOOD. OK AW 2000-18-53 ON DIL FILTER Adapter DNA by Model of ENGINE. Check ADIS THEW 2002-04. All SYSTEMS NORMA DN GROUND CUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED WAS DETERMINED TO BE IN ALRWOODTHY CONDITION AND			
TNSTALL PROP TORQUE TO 65 FT 155 & SAFETY Reinstall Spinned & Tighten Gen Belt. C/W AD 93-02-05 ON FI LINES OR GOOD QUE LA 100 Ris. UN AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUUS CR GOOD. OR AN 2000-18-53 ON OIL FILTER Adapter DNA by Model of ENGINE. Oheer Apls Than 2002-04. All systems NORMA ON GROUND RIN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED WAS DETERMINED TO BE IN AIRWOODTHY CONTINE.			
Reinstall Spinned & Tighten Gen BCLT. C/W AD 93-02-05 ON FI LINES OR GOOD DIE CA (ODENS. CLW AD 98-18-12 ON TORQUE OF FUEL PUMP SCRUUS CR GOOD. OR AN DOOD-18-53 ON DIL FILTER Adapter DNA by Model of ENGINE. Oheck Apls THRU 2002-04. All systems NORMA ON GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USS ROOM INSPECTION AND			
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ea looks. Cliv AD 98-18-12 ON TORQUE OF fuel pump serious ex goad. OK AN 2000-18-53 ON OIL FILTER Adapter DNA by Model of ENGINE. Ohear Abls THRU 2002-04. All systems NORMA ON GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED WAS DETERMINED TO BE IN AIHWORTHY SOMETHING.	1	-	· · · · · · · · · · · · · · · · · · ·
FUEL PUMP SCROWS CR GOOD. OK AN 2000-18-53 ON OIL FILTER Adapter ON A by Model of ENGINE. Ohear Abls THRU 2002-04. All systems NORMA ON GROUND RUN! I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USTS 100 MINSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONTINUED.	<u> </u>		
ON OIL FILTER Adapter DNA by Model of ENGINE. Oheek Abls THRU 2002-04. All systems NORMA ON GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USB ROOM INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONTINUED.		<u> </u>	
Oheek Apls THRU 2002-04. All systems NORMA ON GROUND RUN. I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USTS 100 M INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONTINUED.		 	
I CERTIFY THAT THE ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USTS ICOM INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONTINUED.			
I CERTIFY THAT THIS ENGIN CHAS BEEN INSPECTED IN ACCORDANCE WITH A USTS POOK INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONTINUED.			
WAS DETERMINED TO BE IN AIRWORTHY CONTRACT	4		I CERTIFY THAT TURE FAIGURED
OLIN AIMWILDTLIV COURT			
CENTURION			CENTURION CENTURION
MAINTENANCE AP 22/20/200			All I Line Co.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6/7/8	HM 3130.7	Performed 50 hour INSP IAW 8575
	3	50 guide Change oil & Filters Check
		FILTERS & SUCTION SCREEN FOR MOTHE NONE
	E	found SERVICE MYN 12 015 Shell 1000.
- ,		VISUAL ON ENGINE & EXHAUST.
		I CERTIFY THAT THIS ENG. HAS BEEN INSPECTED
		IM ACCORDANCE WITH USTS SOM
		WAS DETERMINED TO LE IN AIRWORTHY CONDITION.
		AIR STATE OF THE S
	=	WAINTENANCE
	×	
7/13/02	3181.0	Performed 100 hr. I AW USFS INSP
TSMENT	775.8	guide. Change OIL & FILTERS, Check
		TURBO FILTER, MAIN FILTER AND SUCTION SQUEEN
		for METAL -NONE found. SERV. W/120% Stallino
		COMP. #174/80 \$ 75/80 #3 73/80 #4 74/80 \$ 78/ 1/8
		Check Mags of Timing O DOOBTC Clean, gon
,	-	ROTATE Spuk plugs. VISUAl ON EXHAUST
		CK AD 93-00 Prof INT /ines
		& bearlets CK good and on 10005. CK
27		ENG FUCI PUMP - TORQUESCHOUS I A AD
	98-18-	(2 Fee 5 Chothem Fuel sump & server.
	a *	OK AD'S THEN 2002-12
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
	ř	IN ACCORDANCE WITH A VSFS (SOM INSPECTION AND
	٧	CENTURION CENTURION
		CENTURION AIR MAINTENANCE AP 291801974

Page	No	

DESCRIPTION OF WORK PERFORMED --DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK no metal in filters or screen. Service TORQUE ON fuel pump screws. Que en sous 9/10/02 3261.4 Performed 100 hr INSP ON ENGINE BMOH 856,2 IAW VSFS INSP Guide, Change oil + filters INSP filters & screens for METAL NONE found. SERVICE W/12 1ts Spell 100w. Compression (HOT #179/50 \$ 13/50 #3 \$/80 # 4 74/80 #5 75/50 #6 75/50 Check Mays & Ming @ 2003TC, Clem, PAP, LOTAR SPARE plugs. Weld left OUTBO STACK QUASSOUCH TUBE. EIN AD 93-05-02-ON PI lives, due ca rolu en gort Un AD 98-18-12 CK AD 8 THRU 2002-16. IN ACCORDANCE WITH A USPS 1000 INSPECTION AND the Logar AP 22/20/95A

		Page No
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9/24/02	3306.7	Performed USTS 50 h INSP IAW
		USFS INSP guide, CHANGE OIL & FILTERS
		INSP filters & suction screen for METER.
		SERVICE W/Shell 10000. CKAD'STHRU
,		2002-17 OfS & leak OK MORMAL. BAR
6		TACH CABLE & TACH GEN SERAPLOG.
		TOERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
		IN ACCUMBANCE WITH A UST SHOW
		. WAS DETERMINED TO BE IN AIRWORTHY COMPUTED.
	-	CENTURION AIR MAINTENANCE MAINTENANCE MAINTENANCE MAINTENANCE
		MAINTENANCE TO STATE TO STATE OF THE STATE O
	i+M	
9/30/02	3314.7	Remove Prop and Check CRANK Flange
		FOR CRANKSHAFT SIN. 75077 Check SIN AGAINST
		AD 2002-19-03 Lyc 5B 552 \$ 553
		DNA - SERIAL NUMBER is NOT ON list.
		Reinstall prop, torque & saftey, used
		NEW PROP ORING AN 6230-6, OPS
		& leak Check WORMAL. U. Lington
		AP 22/2019 TA
9 Oct os	3331.4	Replaced crankshaft gear bolt I/A/W AD 2002-20-
e e	4	51 and 5B 554 by installing O5k 19987. Reassembled
		engine accy case per Lyc Overhaul Hannal and
		reinstalled engine in surcraft Serviced with
		deroshell W100 oil. Replaced all hoses and
	-	flex duct per AD 81-19-04 (A)(1) - Due next in
		60 months (OCT 1007). Hoses were fabricated by
		air Pro Inc. Replaced oil felters. Runup
a a		normal- Richard a- Marshall A+P 223052)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12/18/2	HM 3339.3	C/W AD Note 2002-23-06 ON CRAKSHAFT BOLT
		by INSTALLING TEX.LYC/Kit 05K19987
		USED NEW GASKETS & SEALS INSTALLED
		IDN TEXLLYC OHMANUAL, SERV. W 12 gts
		Shell 40 Det. Operational & leak check
		WORMAL le Kyon
		AP22/20192A
,		
3/11/03	#M 3339.3	Reyove Generator, BRAGUET & BEIT
ETT.	2495	Support. INSTALL AMCENTER AlteRNATUR
		IAW SIC SAO1677AT NEW BELT SUPPORT
		BRACKET & ALTERNATOR. ROMOVE PROP,
	,	Reinstall After INSTALLING SUPPORT
-		VSING New -O-RING, TORQUE & SAFETY.
		Co. Ingthe A 30019 IN
1/	HM	
5/8/03		Performed 100 hr INSP ON ENGINE IAW
TSMOH	940,7	
/		NO METAL FOUND, SERVICE W/12975 Shell 100W. Down Test # 176/80 # 70/80 # 70/80 # 17/80 # 5 76/80 # 13/80
-		Olean, Gap, Rotate Spank glugs, check Mags &
		TIMING @ 20°BTC. VISUAL ON EXHAUST + WASTE GATE
		lube wastegales & cables, Clean Fuel Screen &
		Check Fuel NJ lines & brackets IAW 2002-26-01
		Charl I and Lyc. SB. due CA ANNUAL OR 100 hrs.
		Check ADS THRU 2003-08
		IN ACCORDANCE WITH A USPS 100 UNSPECTED
		WAS DETERMINED TO THE IN AIRPOORTHY CONDITION.
		AIR AP25/2022A

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/17/03	HM 3348.6	Replaced LH (CTED) turbocharger w/RJ0080-102 S/N:
ETT- 25	07.3	99691 using new gaskets: Replaced feel servo
	1	RS10-B1 P/H: 391787-4 S/H: 395. Adjustes idle
or .		speed and mixture. Reening sormal.
	(Richard a. Marshall AAP 2230521
5/4/03	HM 3349,0	Removed 4H (OUTBO) TURBO - SENT BACK TO
ETI	2507.7	Main Trabo Ops-Beach CK Good. Reinstall
	- I	USING New GASKets. Removed R/H TURBO
10	,	Center section word out. INSTALL O/H
,		TURBO R= 0080 -102 5/N 2459 See Yellow
-		TAG MAIN TURBO OSED NOW GASKOTS OPS
		4 leak CK NORMAL. Co. Longton
		AP22/30/9IA
24 Sep 04	Hm:370	2:5 TT: 2861-2 Smort: 1297.3 Changed oil - aeroshell w 100,
		cut and inspected felters, sampled oil, serviced plugs,
		ettecked tening
		,
	1	

age No						
DATE	TACH OR RECORDING METER TIME				WORK PERFORMED . OF PERSON PERFORMING WORK	
		I D. Jan den Ment Trout	tdala (OD 07060 0524 503	661 4194	-
		Perimeter Way, Trou	luaie, v			
 Manufactur 		coming		Total Time		1
Model Num	nber IO	-540-E1B5		TSMO		
 Serial Num 		5456-48		Hobbs Time	PECONO (APP. 5)	-
The following	ng work was per	fomed as requested by	the ow	ner/operator: Disasse	embled the engine due to metal contamination - no source of the	
– contaminati	on was found w	ithin the engine. Assem	bled th	e engine in accordan	ce with Lycoming Manual 60294-7 and Table of Limits SSP 1776.	4
		hell W100. Test ran eng				
	ess Directives	TICH WITOO. TOOLTAIN ON	go. o	oo jononiing iiot or pai		
	ess Directives				· · · · · · · · · · · · · · · · · · ·	
Engine	A	Datad	ь	Subject	Compliance _	
- AD Note	Amend #		<u>R</u>		Inspected the crankshaft and dowel pin. Inspected the gear	1
91-14-22	39-6916	08/19/1991	Υ	Crank & gear		1
					and installed it with a new bolt. Torqued bolt to 204 inch	-
					pounds and saftied. Work was done in accordance with SB	
					475A.	4
					Inspection is required at every engine overhaul, after a	1
					propstrike, sudden stoppage or whenever gear train	
		with the control of t	-		repair is required.	
2002-19-03	39-12883	09/20/2002	Ν	Crankshaft	N/A by engine and crankshaft serial number.	1
2002-23-06	39-12950	11/19/2002	N	STD2209 Bolt	Installed a 05K19987 kit.	
Fuel Injecti	ion				-	-
2002-26-01		01/31/2003	Υ	Fuel injection lines	Inspected the lines and correctly clamped in accordance with	1
2002-20-01	00 12000	, 011011200			SB342D	1
				A)	Inspection is required at every 100-hour, every annual,	
					every overhaul and any time any part is loosened or	7
					removed for any reason.	
Fuel Pump	1				-	-
98-18-12	39-10728	09/28/1998	Υ	Rotary fuel pump	The torque was checked in accordance with SB 529 and	
90-10-12	39-10720	03/20/1000		ready raise paring	found to be within limits.	4
					K)	
					Inspection is required every 50 hours time in service	
-					until the requirements of the AD Note have been met.	7
No other we	ork, inspection o	or determination of airwo	orthine	ss was accomplished	at this time.	
-	, .					-
The article	identified above	was renaired and inspe	ected in	n accordance with cur	rent maintenance rules of the Federal Aviation Regulations and is	
- The article	identified above	was repaired and mop	de that	was assamplished D	ertinent details of the repair are on file at this Repair Station under	-
			K that	was accomplished. F	ertifierit details of the repair are of the at this Nepair Station dider	
Work Orde	r Number 08067	1, 1	/		, and the second of the second	
		V	11.			
Date: 07/30	0/2003 Signed	Tangual W	IAM	\sim	Inspector for Premier Aircraft RS JZYR537L.	
		The state of the s			- · · · · · · · · · · · · · · · · · · ·	
		H = H				
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1/11/20	Huy	Don C.	. /	- 1	man Tail Ille Ties	
111103	3387.0	PERTORME	a	30 noor.	INSP IHW USTS INSP GUIDE	
		01			TNSP IAW USFS INSP quide tens + suction sancen	1
		Chause o	01	1 & Fil	tras + cirtinal samoent	
		- 11110/6	6		12103 1 30011011 30100010	1
			1./	11-101 8	hellow. Visual on ong	
		Service	ν	110400	nespector. VISOAC EN ENG	-
		1 - 6 - 1	1	Du An	7000 14 00 00 5-10	
		& EXMANS.	7,	CR AN	1003-14-03 ON FUEL PUMP	_
		EKGOOD	Au	l EU. 50.	her. CK AD'S THAN 2003-15.	
					W. Linger	
					AP 23/20/28A	
	1					
45		,			•	
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		I .				

								Page No	
	DATE	TACH OR RECORDING METER TIME	SIGNATU			RK PERFORMED PERSON PERFOR		ORK	,
	25 Oug 03	HM:3430+	, Smott: 1022	5-4 Chang	ged oil -1	leroshell wio	0,00	it and	
			inspecte	s both fe	ltery cle	ened suction	2 10	reen, se	rucced
			2 ,	1 6		ened fuel s		1 //	
			ediaust	system 74	control	4, all accessor 45 78/80 46	ries;	washed	ongen
			4 18/30 F	150 3 1/8	0 4 /80	5 780 6	180		
					(/ a	ehecking fuel les			
						sking feel sump	c. a sur	1 10	
			NSPECTED -CO HZ	IN ACCOR		AN (wishall	
	11) (1,-2	10.00170	L		VORTHY CONDITIO				-
	14 Dept 05	HW 3917	. 1 . 1 .	, 0		oshell w100, cu		U	
			U			coreen, Alienke 1. Due nest 3	U	V V	gero.
		^ -				Richard a. M	1	10	
			engine ru				u conce		
			SOHR IN	SPECTION AN	ANCE WITH AN NO HAS BEEN RTHY CONDITION	i			
				-					9
		4000 NW D			FOA FOO OOA 4404	T	SOH	1054.6	
M	anufacturer	Lycom	-	lale, OR 97060-9	524 503-661-4184			9/04/2003	
	odel Number erial Number	IO-540- L-5456		Hob	bs Time 3459.8	WO	Number 0	8242	
TI	ne following wor	k was perfome	d as requested by th	ne owner/operator	r: Removed misc. e	ngine related parts to facilit			
						Manual 60294-7 and Table	of Limits S	SSP 1776 and TC	M
	ccessories	. No other wor	k, inspection of dete	erriination or allw	orthiness was accor	mplished at this time.	ž.		
	escription	Model Number		Serial Number	Condition				
_	eft Magneto nd.	-	10-163010-10	872988	Repaired.				
Tł	ne article identif	ied above was i	repaired and inspec	ted in accordance	with current mainte	enance rules of the Federal	Aviation Re	egulations and is	
ap	proved for retu	rn to service in				ails of the repair are on file			
	ork Order Numl		511.10						
Di	ate: 09/04/2003	Signed	Ed Wohy	4	Inspector fo	r Premier Aircraft RS JZYR	537L.		
	-								
			-	-					
					1		9 4 ♥		

Page No. _ TACH OR DESCRIPTION OF WORK PERFORMED --RECORDING DATE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK ICERTIFY THAT THIS ENGINE HAS BEEN Surfaced O-ANNUIL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. APP 2230531 N171Z Lyt ingine 3/14/04 HM: 3458-7 3528.7

Replaced LH mag 20/P/N BL- 600616-3R

S/N E04CA247R using new drive bushings

and gaskets. Runup normal. Richard a- Marshall A+P 2230521 18 June 04 1tm: 3574 2 Smott: 1169.0 Changed oil - aroshell w 100, ceet and enspected oil felters, washed engine, runup normal. ICERTIFY THAT THIS ENGINE HAS BEEN Richard of Marshall INSPECTED IN ACCORDANCE WITH AN Richard of Marshall DETERMINED TO BE IN AIRWORTHY CONDITION. A4P 113052) 21 July 04 Hm: 36/2-7 SMOH: 1207-5 Changed oil - alroshell w 100, completed enspection per USFS 100 ber enspection guidelines replaced air felter, RORRH mag BL-600646-1 5/10: EO4DA 068R #1 71/80 # 2 76/80 # 3 75/80 # 4 76/80 # 5 77/80 # 6 75/80 10 2002-26 Of Engine feeling lines The next 3712 HM CERTIFY THAT THIS ENGLAE HAS BEEN INSPECTED IN ACCORDANCE WITH AN TEXTURE OF THE INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. AT \$7 2230521

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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9.36		
7/21/04	3612,7	AD 2004-05-24c Pew Pex PAR(F)(1)
TJ	: 2771.4	By INSTAllING BOLT REPLACEMENT KIT OSK 19987
		7/30/2003 Jul By Hot 42747084
7/21/04	36127	Ap 2004-10-140 fcw for Ap 91-14-22
		PATER 7-30-2003 M/ Buly ANG 42747034

Premier Aircraft, 1000 NW Perimeter Way,	Troutdale, OR 97060-9524 503-661-4184
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Manufacturer **Model Number** Lycoming

IO-540-E1B5

Date 08/12/2004

WO Number 08933

The following work was perfored as requested by the owner/operator: Removed the hydraulic pump. Replaced the shaft seal in the scavenge pump. L-5456-48 Reinstalled the hydraulic pump. Leak checked. No other work, inspection or determination of airworthiness was accomplished at this time.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 08933.

Date: 08/12/2004 Signed

Inspector for Premier Aircraft RS JZYR537L

6 aug 04	ttm:3660°4	Smott: 1255.0 Changed oil - Cleroshell w100, out and inspected
0	9)	old filters, washed engine, runup normal.
		FICERTIFY THAT THIS ENGINE HAS BEEN BISHARD A MORSHALL SO HR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. A. P 1230521
	=	DETERMINED TO BE IN AIRWORTHY CONDITION. A. P 113051
14 Sept 04	HM: 3702	5 TT : 1861. 2 Smott: 1197.3 Changed oil - aeroshell w 100; cut
0		and inspected old filters; serviced plugs, sampled oil,
	,	checked timing, replaced air filter, washed engine.
		C/W AD 2002-26-01 by insp fuel inj lives per MSB 342D.
		c/w AD 2003-14-03 by checking full bunk torque - ok.
		c/w AD 2003-14-03 by checking full pump torque - ok. * 1 75/80 * 2 75/50 * 3 72/80 * 4 71/80 * 5 - 73/90 * 6 780.
		FICERTIFY THAT THIS ENGINE HAS BEEN RIGHTED a MATTER HADDE
		INSPECTED IN ACCORDANCE WITH AN TOTAL STATE OF THE STATE

age No	TACH OR		manage of the same
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
Jan 05	3728-1	77: 1886-8 SMOH: 1319-9 Changed oil - aeroshell w80; serviced	
		plugs, chicked timing, replaced oil felters, cleaned suction	\dashv
		screen, readed ful screen, washed engine; repositioned	
		organe mils to align engine correctly, reinstalled	-
	5N:/813804	control: *1 74/80 # 3 74/80 # 3 68/80 # 4 75/80 # 5 75/80 # 6 73/80.	_
		c/w 2002-26-01 by insp ful ing lines per MSB 342D	
		C/w 2003-14-03 by specking ful pump bolt torque -OK	
		ICERTIFY THAT THIS ENGINE HAS BEEN Richard Q. Marshall	
		PETERMINED TO BE IN AIRWORTHY CONDITION. AP 113051 1A	
		02-01-2007 Hobbs Time: 3749.1 Left Engine: SMOH: 1343.9 TT: 2907.8 Drained oil, removed filter, cut filter, no metal noted.	
		Serviced with 11 qts of Aeroshell 100, 50W and new Champion	
	•	oil filters CH48110. Replaced turbo filters with new CH48108 filters. Compression test: #1: 70/80, #2: 70/80, #3: 70/80, #4:	
		77/80, #5: 78/80, #6: 74/80. Checked exhaust for leaks, cracks and defects. Checked baffle for cracks, none found this date.	
		Cleaned, gapped, and rotated spark plugs. Checked engine timing. Cleaned fuel screens, suction screens. Checked turbos	_
		for leaks, none found this date. Lubricated with "mouse milk lubricate". Test run engine, no leaks this date. I certify that I	
	527	have inspected this engine per 100 hour inspection and return to service.	
		Darrell Williams A&P 2772084	
1			_
	2	N171Z	(a
		04-08-2008 Hobbs Time: 3779.0 Left Engine: SMOH: 1373.0 TT: 2937.8 Drained oil, removed filter, cut filter, no metal noted.	
		Serviced with 11 qts of Aeroshell 100, 50W and new Champion oil filters CH48110. Replaced turbo filters with new CH48108	
		filters. Compression test: #1: 74/80, #2: 72/80, #3: 75/80, #4:	
		75/80, #5: 74/80, #6: 72/80. Checked exhaust for leaks, cracks and defects. Checked baffle for cracks, none found this date.	
		Cleaned, gapped, and rotated spark plugs. Checked engine timing. Cleaned fuel screens, suction screens. Checked turbos	
		for leaks, none found this date. Lubricated with "mouse milk lubricate". Test run engine, no leaks this date. I certify that I	
		have inspected this engine per 100 hour inspection and return to service.	
e		Darrell Williams A&P 2772084	
		A WAR THE	

	Page No
N171Z 06-01-2009 Hobbs Time: 3812.6 Left Engine: SMOH: 1406.6 TT: 2971.4 Drained oil, removed filter, cut filter, no metal noted. Serviced with 11 qts of Aeroshell 100, 50W and new Champion oil filters CH48110. Replaced turbo filters with new CH48108 filters. Compression test: #1: 72/80, #2: 70/80, #3: 74/80, #4: 74/80, #5: 73/80, #6: 72/80. Checked exhaust for leaks, cracks and defects. Replaced vacuum pump this date with overhauled unit part# 3P207JA serial# 47611. Checked baffle for cracks, none found this date. Cleaned, gapped, and rotated spark plugs. Checked engine timing. Cleaned fuel screens, suction screens. Checked turbos for leaks, none found this date. Lubricated with mouse milk lubricate". Test run engine, no leaks this date. I certify that I have inspected this engine per 100 hour inspection and return to service. N171Z 12-14-2010 Hobbs Time: 3836.9 Left Engine: SMOH: 1430.9 filter, no metal noted. Serviced with 12 qts of Aeroshell 100, 5	WORK PERFORMED OF PERSON PERFORMING WORK OTT: 2995.7 Drained oil, removed filter, cut OW and new Champion oil filters CH48110.
Replaced turbo filters with new CH48108 filters. Compression #5: 73/80, #6: 72/80. Checked exhaust for leaks, cracks and de overhauled unit part# 3P207JA serial# 47611. Checked baffle and rotated spark plugs. Checked engine timing. Cleaned fuel leaks, none found this date. Lubricated with "mouse milk lubr certify that I have inspected this engine per 100 hour inspection."	test: #1: 74/80, #2: 70/80, #3: 75/80, #4: 76/80, efects. Replaced vacuum pump this date with for cracks, none found this date. Cleaned, gapped, screens, suction screens. Checked turbos for icate". Test run engine, no leaks this date, I
Wustin Williams A&P 3024563	
N171Z 02-27-2012 Hobbs Time: 3842.8 Left Engine: SMOH: 14 not enough time since last oil change. Did not change oil o filter change. Compression test: #1: 72/80, #2: 74/80, #3: exhaust for leaks, cracks and defects. Checked baffle for cr rotated spark plugs. Checked engine timing. Cleaned fuel s none found this date. Lubricated with "mouse milk lubrica 10 To remove certain fuel servos from service: N/A does n overhauled by AvStar. AD 2011-26-04 To prevent failure clamps on both engines this date as per AD. All lines and c have inspected this engine per Annual inspection and return fustion Williams IA003024563	n turbo filter due to not being enough time since last 74/80, #4: 76/80, #5: 73/80, #6: 72/80. Checked racks, none found this date. Cleaned, gapped, and screens, suction screens. Checked turbos for leaks, ate". Test run engine, no leaks this date. AD 2011-15-lot apply to this engine. Servo have not been of the fuel injector lines: Inspected fuel lines and clamps check satisfactory this date. I certify that I

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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WOR	RK
November			
#1 Engine Hobbs Tin	ne: 3852.0 10H: 1446.0		2, 1
70/80; #3- Engine Tir Filter With P/N: BA15 C/W by oi clamps. I found to be	72/80; #4-70/8 ming, Cleaned of P/N: CH481 51E, Replaced 1 type, AD 20 certify that this e in airworthy	Aero Commander 500 Series Inspection Guide. Engine Compression #1-74/80; #2-80; #5-77/80; #6-72/80. Cleaned, Gapped, and Tested Spark Plugs. Checked Fuel Screen. Changed Oil With 10 qts. of Aeroshell 100W Plus, Replaced Oil 10-1, Replaced Turbo Oil Filter with P/N: CH48108-1, Replaced Intake Filter with Both Alternator Belts during Propeller Removal for Overhaul. AD 80-04-03 R2 11-26-04 To Prevent Failure of the Fuel Injector Lines – Inspected Fuel Lines and s engine has been inspected in accordance with an annual inspection, and was condition.	
Michael T	svirinko /	nelul orla	
December	14 2015		
	N:1450-159		
	IO-540-E1B5	5 S/N: L-5456-48	
	ЮН: 1446.3		
70/80; #3-7 Engine Tin Filter With	72/80; #4-70/8 ning, Cleaned P/N: CH4811 1E. AD 80-04 pected Fuel L	tero Commander 500 Series Inspection Guide. Engine Compression #1-74/80; #2-0; #5-77/80; #6-72/80. Cleaned, Gapped, and Tested Spark Plugs. Checked Fuel Screen. Changed Oil With 10 qts. of Aeroshell 100W Plus, Replaced Oil 0-1, Replaced Turbo Oil Filter with P/N: CH48108-1, Replaced Intake Filter with 4-03 R2 C/W by oil type, AD 2011-26-04 To Prevent Failure of the Fuel Injector ines and clamps. I certify that this engine has been inspected in accordance with was found to be in airworthy condition.	
Lines – Ins	nspection, and		
Lines – Ins		hiele/ Blu	
Lines – Ins		Mieh 10sh	
Lines – Ins		Mieln/Ble	
Lines – Ins		Mieln/Blu	
Lines – Ins		Mieln/Ble	
Lines – Ins		Mieln/Blu	
Lines – Ins		Mieln/Oble	

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ATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	*
		Tong Aircraft Services, Inc.	
		1805 NW 51 st Place, Hangar 5	-
		Fort Lauderdale, FL 33309	
		Tel. 954.958.9191; Fax. 954.958.9192	
		E-Mail: tongaircraft@aol.com	
	N 171Z	S/N: 149-159 HOBBS 0044.9 T.T 11096.4: DATE:5/3/2017	
	ENGIN	E IO-540-E1B5, S/N: L-5456-48. SMOH: 1490.9 TTSN:3051.1	1
	PERFO	RMED COMPRESSION CHECK # 1-72/80. # 3-75 /80. # 5 - 73/80. # 2 73/80	
	#4- 40/8	30. # 6- 68/80. REMOVED # 4 CYLINDER SEND OUT AND IRAN BY	
	CERTIF	TED ENGINE AND REINSTALLED. CLEANED AND GAPPED TESTED ALL	1
	SPARK	PLUGS. CHECK AND CLEANED FUEL SCREEN . OIL CHANGED SERVICE	
	WITH 10	0 QTS AERO SHELL W100 PLUS INSTALLED NEW OIL FILTER P/N	
	CH4 5 11	10-1 REPLACED TURBO OIL FILTER P/N CH4\$105-1 REPLACED AIR	
	FILTER	P/N BA151E REPLACED AIRDUCT P/N 610258-501.C/W AD 80-04-03 R2 B	Υ
	OILTYP	E. C/W AD 2011-26-04 TO PREVENT FAILURE OF FUEL INJECTIOR LINES	5-
	INSPEC	TION FUEL ILNES CLAMPS. I CERTIFY THAT THIS ENGINE HAS BEEN	
	TOPE	TED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND)
	10 BE A	AIRWORTHY CONDITION.	-
	SOMEA	K MOOLSIRI A&P 3261875 IA.	
		I AGP 32010/5 IA.	
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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WOR	K	
	PERFO #4- 78/8 AND CL SHELL TURBO 80-04-0	S/N: 149-159 HOBBS 0044.9 T.T 11096.4: DATE:5/11/2018 E IO-540-E1B5, S/N: L-5456-48. SMOH: 1490.9 TTSN:3051.1(LEFT) RMED COMPRESSION CHECK # 1-70/80. # 3-68 /80. # 5 - 60/80. # 2 7 80. # 6- 70/80. CLEANED AND GAPPED TESTED ALL SPARK PLUGS. EANED FUEL SCREEN. OIL CHANGED SERVICEWITH 10 QTS AER W100 PLUS INSTALLED NEW OIL FILTER P/N CH45110-1 REPLACED OIL FILTER P/N CH45105-1. REPLACED AIR FILTER P/N BA151E. C 3 R2 BY OILTYPE. C/W AD 2011-26-04 TO PREVENT FAILURE OF FLOR LINES- INSPECTION FUEL ILNES CLAMPS. I CERTIFY THAT THE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANALYSIA INSPECTED.	CHECK O O O O O O O O O O O O O O O O O O O	
	AND W	E HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPE AS FOUND TO BE AIRWORTHY CONDITION. K MOOLSIRI A&P 3261875 IA.		
		Left Engine:		TAX STATE
		N171Z S/N: 1450-159 HOBBS: 82, T.T.: 11133.5, Date: 09/09/2019		\dashv
		ENGINE: IO-540-E185, S/N: L-5456-48, SMOH: 1528, TTSN: 3088.2	A.	_
		 Completed inspection in accordance with FAR 43 appendix D 100 HR inspection and maintenance manual guide lines. Comp test 1:72/80, 3:73/80,5:68/80,2:68/80,4:74/80,6:72/80 Oil change 10 quarts of Phillips X/C 20W-50, engine oil filter change CH110-1, Turbo oil filter changed CH105-1, added 		_
		CamGuard additive. Cleaned left Fuel filter and replaced O-ring,		9
		Replaced left bracket air filter element. P/N BA151E	,	٦
		Spark plugs Cleaned, gapped, rotated, installed new copper washers.		
		 Mag timing check 20deg btdc cyl 1, Confirm starting vibrator left mag behavior. 		
		 Complied with AD 2003-14-03 (08/14/2003), left engine only, prevent rotary fuel pump leaks, Next due check torque every 50 hrs. See left engine log for details. 		-
0		 Complied with AD 2015-19-07 (03/11/2015), prevent failure of fuel injector lines, inspected and tightened fuel line clamp 	s	
		certify that this aircraft has been inspected in accordance with an 100 HR inspection, and found to be in airworthy condition.		
		la Moga-		٦
		es Nagy A&P 3139135		_
		THE THE TEST OF TH		NAC STREET, SALES
				\dashv
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			*	-
7				٦
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	1			\dashv
AND CONTROL OF THE OWNER.				
				-

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORME SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMENTS	
Left E N171	ingine: Z S/N: 1450-159 HOBB	S: 111.6, T.T.: 11163.1, Date: 11/30/2020	
ENGII	NE: IO-540-E1B5, S/N:	L-5456-48, SMOH: 1557.6, TTSN: 3117.8	
	 Comp test 1:70 Oil change 10 of Cleaned left Fu Replaced left b Spark plugs cle Mag timing che Complied with every 50 hrs. Complied with 	pection in accordance with FAR 43 appendix D 100 HR inspection and maintenance manual guidelines. /80, 3:71/80,5:69/80,2:68/80,4:73/80,6:72/80 puarts of Phillips X/C 20W-50, engine oil filter change CH110-1, Turbo oil filter changed CH108-1 el filter racket air filter element. P/N BA151E aned, rotated, installed new copper washers. eck 20deg btdc cyl 1, confirm starting vibrator left mag behavior. AD 2003-14-03 (08/14/2003), left engine only, prevent rotary fuel pump leaks, Next due check torque AD 2015-19-07 (03/11/2015), prevent failure of fuel injector lines, inspected and tightened fuel line clamps as been inspected in accordance with an 100 HR inspection, and found to be in airworthy condition.	
	T =-		
2/22/2021	1438.0	c/w Enjue 0,2/Filter Plu: CH110-1 and	Turbo oil/Fitter
. ,		Che Engine of [Filter Plu: CH110-1 and Ph. Ch169-1, reploced (New). Serviced wi 20w-50, 10 ats., clw Lun-up for leak,	thensin oil x/c-
	,	20w-50, 10 ats., clw Run-up for Leak,	No Leate
			AP 4102686 11

Page No. -

Reg. N171Z S/N: 1450-159 Eng. Make: Lycoming IO-540-E1B5 A/CTT: 11215.9 Date:02/14/2022

Engine Lh Position Engine S/N: L-5456-48 Engine TSO: **1,610.5**

C/W Engine Annual Inspection IAW aircraft maintenance manual section IV, and check list for Aero Commander 500 series inspection guide, as follow; C/W Cylinder compression check #1-70/80, #2-69/80 #3-73/80, #4-72/80, #5-70/80 and #6-72/80. Engine and Turbo Oil/Filter P/N:CH-108-1 / CH-110-1 and serviced with Phillips X/C 20W/50, 12qts. Also c/w Lh/Rh Magnetos Overhauled by HP Accessories Service Inc. W.O # 6296/6295, Lh magneto S/N: E04CA247R and Rh magneto s/n: E04DA068R. C/W Exhaust Gasket replaced p/n:SL15619, (12) and Intake seal p/n: SL71973, (6) and Exhaust Nut p/n: MS51967-5 (12), Also c/w fuel Injector vacuum press. Hose (New) P/N: LP-306-3 due deteriorate. C/W Spark Plug replaced P/N: REB3®E (12) New. All work done as per Amm and Lycoming manual. Engine Ground Run Up for leak and OPT, Founded Ok.

A/P-4107680-Wilcides Centeno- W.L. Cetter

I Certify that this Engine was Inspected IAW. Manufacturer Manual and was determined to be Airworthy Condition.

A/P-3897321-IA-Javier Alfaro Mendez-

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		N171Z	
		Aero Commander 500B S/N 1450-159	
		DATE: 1 MARCH 2023	
		AIRCRAFT TOTAL TIME: 11,310.6	
		Hobbs: 0295.9	
		LEFT ENGINE IO-540-E1B5 S/N L5456-48 TOTAL TIME:2055.6 TSO 1,705.2	
		I Certify that this ENGINE has been inspected in accordance with Annual inspection as per Aero Commander Maintenace Manual, LYCOMING IO-540-E1B5 and FAA FAR REGULATIONS 43 Appendix (D	
		and was determined to be in airworthy condition.	-
		Date 3/7/2023 EngineTime 2055.2 tach 495.5 Certify that this Engine has	
		tach <u> ユタゴ、ら</u> I certify that this Engine has been inspected in accordance with an <u> </u> A	
		inspection and found it in airworthy condition.	
		Leslie SANCHEZ LANDRON	
		IA & A&P 3414012	
	·		
		N171Z	
		AERO COMMANDER 500B S/N 1450-159	
		AIRCRAFT HOBBS 0293.9 AIRCRAFT TOTAL TIME: 11310.6 DATE: March 1,2023.	
		ENGINE MODEL 10-540-E1B5 LEFT ENGINE S/N L5456-48 TOTAL TIME: 2055.6 TSO 1,705.2	
		THE FOLLOWING WORK WAS PERFORMED AT THIS TIME IN ACCORDANCE WITH AERO COMMANDER 500B MAINTENANCE MANUAL.	
		Removed engine cowlings.	
/		Performed compression check as fallow.1)75/80 2)80/80 3)75/80 4)70/80 5)75/80 6)75/80 ——	
		Drain oil and service with 9 qtrs. XC 20W/50 Aviation oil.	
		Removed and replaced engine oil filter installed new CH48-110-1 and CH48-108-1	
		Engine washed.	
		Removed and replaced oil return lines.	
		Removed and replaced rocket box cover gasket.	
		Rotate spark plugs.	
		Removed and replaced engine induction filter.	
	*	Re-installed engine cowlings.	
		Performed engine run –up satisfactory no oil leaks. At this time.	
		I Certify that this engine has been inspected in accordance with 100 hours inspection as per FAA FAR Regulations 43 appendix (D) and was determined to be in airworthy condition.	
		GERMAN ALVAREZ	

TACH OR RECORDING METER DESCRIPTION OF WORK PERFORMED ---DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK WESTERN SKYWAYS, INC. 1865 Iauna Dr. Montrose, Colorado 81401 V. L-4556-48 _ W/O: 11180 TTE: 1563.9 Date: 4-02-98 Subject Method of Compliance of pump drive shaft N/A by engine serial number Fuel pump N/A by Part number Oil filter gasket N/A by engine serial number Fuel diaphragm stem -0751 N/A by part number Crankshaft failure N/A by engine model 139-2804 Piston pin failure 39-3013 N/A by part number (LW14077) Oil pump failure 39-2187 C/W Lycoming SB 385C Flow divider -23-08 C/W installed new gasket per SB 382 39-3334 Fuel line failure 78-23-10 39-3333 N/A by engine model Center body seal 79-04-05 PCW Bendix SB RS-52R2 39-3570 Diaphragm stem 81-03-05 39-4038 N/A by parts list number Mixture control shaft N/A 81-18-04 R2 Superceeded by N/A by engine model C/W 6-09-10 83-22-04 39-4748 Fuel diaphragm stem N./A 87-10-06 R1 39-6293 C/W Bendix SB RS-85 C/W Rocker arm failure 91-14-22 39-6916 N/A by Part number Crankgear bolt C/W 92-12-05 39-8265 Inspected per SB 475A Piston pin failure 92-20-07 Superceeded by 93-05-21 Installed P/N LW14077 C/W 93-02-05 39-8487 Fuel line clamping 93-05-21 Superceeded by 93-11-11 C/W SB 342A N/A 93-11-11 39-8584 Fuel pump 94-14-13 Superceeded by 95-26-02 N/A by part number C/W 95-07-01 39-9183 Rod bolts C/W 95-26-02 Installed P/N LW12596 at overhaul 39-9460 C/W Detonation damage 96-09-10 39-9586 Engine overhauled N/A Oil pump failure 96-23-03 Installed 05K19423S impellor KIT 39-9826 Fuel pump failure 97-01-03 Superseded by N/A by part number N/A | 97-01-04 97-15-11 96ANE43 C/W 97-15-11 Cylinder failure 39-10085 N/A by part number Piston pin failure C/W SB 527C (codes 71238 on all) BENDIX SERVO RS-10B1 P/N 391787-4 S/N 24197 N/A73-10-02 39-1634 N/A Diaphragm 79-21-08 39-3593 Overhauled servo N/A 79-26-03 | 39-3636 Regulator stem nut PCW SB RS-68 Regulator stem nut N/A by parts list number BENDIX MAGNETO P/N 10-163010-10 S/N 872988 AND 10-163050-9 S/N 472414 PCW |74-26-09 78-09-07R3 N/A SHAFT BUSHING 39-4938 IMPULSE COUPLING PCW SB 556C N/A 82-13-01 39-4405 Installed new style coupling N/A GREEN BLOCK 82-20-01 39-4658 IMPULSE COUPLING N/A by part number C/W 94-01-03R1 39-9006 Installed new style coupling per SB 599D COILS AND MAGNETS C/W 94-06-09 39-8895 C/W Continental MSB644 Capacitor Inspection C/W Continental CSB641 Signature Repair Station No. WS9R575J

Page No. _