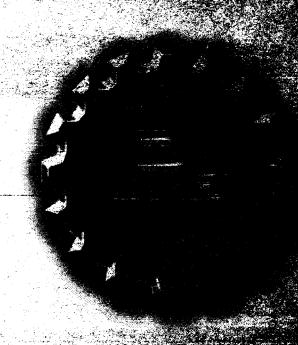
# PRENI ARCE



# ENGINE MAINTENAN

Aircraft Registration: & Engine Position: Log Book Number:

Records Dated From: <u>さん</u> Detailing Total Time From: <u>はる</u>

# PREMIER AIRCRAFT

1000 NW Perimeter Way, Troutdale, Oregon 97060 Phone 503-661-4184 Fax 503-667-4052

# LIMITED WARRANTY - OVERHAULED ENGINE

# **Six-Month Limited Warranty:**

Premier Aircraft warrants this engine to be free from defect in material and workmanship under normal use for a period of six (6) months, for an unlimited number of hours, commencing from the date of installation or 30 days after shipment, whichever is earlier. Premier Aircraft will repair or replace, at its option, any material or workmanship found to be defective within the applicable period set forth above. The repair or replacement of defective parts and workmanship under this warranty will be made by Premier Aircraft without charge to the owner for parts, labor or materials used in the removal, installation and/or actual repair of such defective part or workmanship, except that import duties, sales or use taxes, and freight shall be the responsibility of the purchaser.

The obligations of Premier Aircraft under this warranty is limited to the repair or replacement of defective materials and workmanship for the time period set forth herein. Aftermarket projects, which require a Supplemental Type Certificate (STC) for installation, which may be installed or reinstalled at the customer's request, are not covered by this or any other warranty, express or implied, and all damages and losses arising out of such products are the sole responsibility of the purchaser, including any damage to the engine, aircraft, STC product, persons or property.

### **Extended Limited Warranty:**

Premier Aircraft additionally warrants the engine power section, consisting of crankcase and crankshaft assembly, camshaft, and the cylinder stud assemblies, excluding any and all accessories, on a prorated basis from the expiration of the six (6) months warranty set forth above to the manufacturer's recommended time between overhauls (TBO) of the engine. The proration for this extended limited warranty shall be based upon a usage of 40 hours per month, or actual use, whichever is greater. This extended limited warranty does not include labor charges for removal, installation or repair, or charges for additional materials, import duties, sales or use taxes, and freight, all of which shall be the responsibility of the purchaser. Charges for parts under this extended limited warranty shall be made at the manufacturer's list price in effect at the time the repair is made, and shall be prorated as set forth herein. All other charges for repairs under this extended limited warranty shall be made at the list price in effect at the time of the repair, and shall be prorated as set forth herein.

# Six-Month and Extended Warranty Limitations:

Warranty service under the limited warranty and extended limited warranty may be accomplished at facilities other than Premier Aircraft but only after prior written approval from Premier Aircraft provided that all work shall be performed at prevailing rates and that Premier Aircraft shall have the option to furnish all parts, materials and accessories.

This limited warranty and extended limited warranty (Warranty) shall be void if the engine or its accessories have been, in the judgment of Premier Aircraft, altered or repaired outside the Premier Aircraft facility without prior written approval, or have been operated contrary to the manufacturer's operating instructions, or subjected to misuse, neglect, accident or use of any fuel not approved by the engine manufacturer after installation or shipment by Premier Aircraft. In such event, Premier Aircraft shall be relieved of any and all liability and purchaser shall be solely responsible for any and all claims, whether arising out of damages caused by such wrongful use or not.

THE WARRANTY PROVIDED HEREIN SHALL BE IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION EXPRESSLY SET FORTH IN THIS DOCUMENT.

Any implied warranty not disclaimable hereunder shall extend for 30 consecutive days after installation or shipment by Premier Aircraft. Some states do not allow limitations on the length of time an implied warranty is valid, so the above limitation may not apply to you.

Premier Aircraft's liability under this limited Warranty and extended limited warranty is expressly limited to repair or replacement, at the option of Premier Aircraft of any defective material or workmanship and shall not extend to the payment of any damages. In the event of a breach of this Warranty by Premier Aircraft, the purchaser shall not be entitled to damages for loss of use, lost profits, or other incidental or consequential damages. Premier Aircraft shall not be held liable for loss of, or damage to the customer's aircraft caused by breach of Premier Aircraft.

Purchaser's remedies under this warranty are expressly conditioned upon receipt of written notice, sent by the purchaser, specifying the breach or defect complained of within seven (7) days after such breach or defect is discovered, or reasonably should be discovered to Premier Aircraft at the address set forth below, and upon customer's delivery of its aircraft, or any necessary accessory thereto or part thereof to Premier Aircraft for correction of such breach within 30 days after the receipt of such written notice. The written notice shall be addressed to: Premier Aircraft, 1000 NW Perimeter Way. Troutdale. Oregon 97060.

Warranty repair or replacement of any part, or performance of any service shall not extend this warranty beyond the original warranty time or nour limitation.

THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER AND ANY OTHER PERSON, AGAINST PREMIER AIRCRAFT SHALL BE FOR THE REPAIR OR REPLACEMENT, AT PREMIER AIRCRAFT'S OPTION, OF DEFECTIVE MATERIALS AND WORKMANSHIP AS PROVIDED HEREIN. NO OTHER REMEDY, DIRECT OR INDIRECT, INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST SALES, INJURIES TO PERSONS OR PROPERTY, LIABILITY IN TORT OR ANY OTHER DAMAGES SHALL BE AVAILABLE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the previous limitation or exclusion may not apply to you.

The sole purpose of this limited warranty is to provide the customer with the remedy of repair or replacement, at Premier Aircraft's option, of defective parts or materials in the manner provided herein. This limited warranty shall not fail of its essential purpose so long as Premier Aircraft or its successor or designee is willing and able to repair or replace defective parts, materials or workmanship in the described manner.

Should this warranty fail of its essential purpose, the customer shall not be entitled, directly or indirectly, to incidental or consequential damages.

Any action arising out of this warranty, or any purported defect in material or workmanship shall be brought in the Circuit or District Court for the State of Oregon in Multnomah County, and the internal laws of Oregon shall govern.



# **ENGINE MAINTENANCE RECORDS**

Engine Manufacturer:
Model:
Serial No: RL-8770-48
Recommended TBO: 1600 Hours 12 Years
Aircraft Registration No: N171Z
Date Installed on Aircraft: 03/10/2004
If used on multi-engine aircraft: □ Left ★Right □ Front □ Real

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, Oregon 97060

Phone: (503) 661-4184 Fax: (503) 667-4052

Manufactui		_		e, OR 97060	Total Time		ACT. 10705.	Date	03/10/2004
Model Num	·	)-E1B5			TSMO	0.00	ye.	WO Number	08481
Serial Num				- Н	obbs Time	3524.7			
	was overhauled in		with Lycom	ing Manual (	0294-7 and	l Table of	Limits SSP1776.	Installed new Lyco	ming cylinder
assemblies	The camshaft was	ground and r	new lifter b	odies were i	nstalled. See	e following	g list of parts insta	illed. Engine was ru	ın on a test stand.
	new Slick harness. In							J	
Accessorie	•	istalica ricw	on intere.						
Description	Model Numbe	er Part Nui	mher :	Serial Numbe	er <u>Condit</u>	ion			
Left magnet		BL6006		E03LA083R			factory rebuilt.		
Right magn		BL6006		E03GA181R			factory rebuilt.		
	RS-10B1	391787-		16981		urs since	,	-	
Fuel servo	K9-10D1	RG9080	•	C2350			overhaul.		
Fuel pump	- h	252459		087504		urs since			
Manifold va	ive	252 <del>4</del> 59 MHB-40		D123136		urs since :		÷	
Starter Service Inf	- ermation	WITID-40		D120100	0.01101	aro ontoe	C. Ciriadi.		
Service Inf			Compliano						
<u>Service Bul</u>			<u>Complianc</u>	<u>:e</u> plated and b	akad flanco				. /
SI11111	Flange plating			•	_		nin pluge		
SI1267C	Piston pin plu	•		ew 72198 alı		-	ı piri piuyə.		
CSB02-8	Capacitor			3664. A red i			minalo rocemero	adations	w
SB240R	Replacement	•		•			ming's recomme	iuations.	
SB342D	Fuel injection		-	the lines and		amped.			
SB439A	Connecting re			the connecti		lade ! !			armined hell-to 004 hade
SB475B	Crank & gear				ıπ and dowe	ı pın. Insi	talled a new gear	with a new bolt. It	orqued bolt to 204 inch
			pounds an						
SB501B	Piston pins		N/A by pis	ton pin part r	number.				
SB518C	Thermostatic	by-pass	Installed a	new P/N 53	E22144 valv	e.			
				r inspection		l by this b	oulletin.		
SB527C	Piston pins			ton pin part r					
SB554	Crankshaft g	ear bolt	Installed a	O5K19987 I	cit.		•		
Airworthin	ess Directives						* ·		
Engine									
AD Note	Amend #	<u>Dated</u>		R Subject			<u>mpliance</u>		
63-14-03	583	07/06/1			ıp drive shat	ft N/A	A by engine serial	number.	
						<u>AD</u>	Note requires n	o further inspecti	on.
66-20-04	39-277	08/27/1	966	N Oil filte	adapter ga	sket N/A	A by engine serial	number.	
73-23-01	39-2804	01/13/1	977	N Piston	oin	N/A	A by piston pin pa	rt number.	
75-08-09	39-3013	08/18/1	977	N Oil pur	p drive	∴ The	e correct drive wa	s previously installe	ed.
91-14-22	39-6916	08/19/1	991	Y Crank 8	-		• '	shaft and dowel pin	
					-	gea	ar with a new bolt	. Torqued bolt to 2	04 inch pounds and
· /						_		one in accordance	•
									e overhaul, after a
	+							stoppage or whe	
							pair is required.	CLOPPAGE OF WITE	HOTOL MOUL CIMIL
00.40.05	20 8005	07/40/4	ററാ	N Dieter	nin		A by piston pin pa	rt number	
92-12-05	39-8265	07/10/1		N Piston					#
95-07-01	39-9183	04/12/1			cting rod bol		A by rod bolt man		
95-26-02	39-9460	01/24/1		N Detona			A by aircraft regist		
96-09-10	39-9586	07/15/1		-	np gears		A by gear part nur		
97-15-11	39-10085	08/12/1		N Piston			A by piston pin pa		_ et.
98-17-11	39-10713	10/19/1			crankshafts			repair this cranksha	
2002-19-03		09/20/2		N Cranks				rankshaft serial nu	mber.
2002-23-06		11/19/2	:002	N STD22	09 Bolt	Ins	stalled a 05K1998	7 kit,	
Fuel Inject			,		. :			,	
75-09-15	39-2187	04/30/1	975		vider gasket		A by flow divider p		
78-23-10	39-3333	11/07/1	978	-	power loss		A by model numb		•
79-04-05	39-3570	09/26/1	979		power loss		A by model numb		
2002-26-01	39-12986	01/31/2	2003	Y Fuel in	ection lines	Ins	spected the lines a	and correctly clamp	ed in accordance with
						SB	342D.		
					1	<u>Ins</u>	spection is requi	red at every 100-h	our, every annual,
		•						l any time any par	

Continued on the next page.

Continued from the previous page.

**Airworthiness Directives** 

Fuel Pump					
AD Note	Amend #	<u>Dated</u>	<u>R</u>	<u>Subject</u>	<u>Compliance</u>
91-08-07	39-6962	05/06/1991	N	Pump vent port fitting	The letter R is stamped in the fitting.
96-23-03	39-9826	12/17/1996	N	Fuel pump	N/A by the pump design.
2003-14-03	39-13222	08/14/2003	Υ	Fuel pump	N/A by pump part number.
2003-14-00	00 10222	20,7		, .	No further action is required by this AD.
– Magneto					
74-26-09	39-2050	12/24/1974	N	Solid steel drive	Solid steel drive bushings were installed.
94-01-03	39-9271	06/28/1995	Ν	Coil and rotating	N/A by magneto model and part number.
94-06-09	39-8895	05/20/1994	Ν	Capacitors	N/A by date of factory rebuild.

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 08481.

Date: 03/10/2004 Signed

End.

Inspector for Premier Aircraft RS JZYR537L.

List of Parts Installed for Work Order No.: 08481

-	Qty	Part Number	Description	Qty	Part Number	Description
	1.0	05K19987	Bolt Kit	1.0	BL600646-1	Factory Rebuilt Magneto
_	6.0	05K21226	Cylinder Kit			S/N: E03GA181R
	1.0	1028B	Oil Pressure Ball	1.0	CH48108	Oil Filter
_		13S19648	Crankshaft Gear	1.0	CH48110	Oil Filter
	2.0	15F19957-48	Pushrod	1.0	LW11713	Oil Pressure Spring
_		18A19441M03	Front Main Bearing	12.0	LW12186	Rod Nut
		18D19394M03	Main Bearing	6.0	LW12588	Rocker Bushing
_		18M19389	Rod Bearing	4.0	LW13641	Rubber Magneto Drive Bushing
		2524923-1	Nozzle	6.0	LW13923	Rod Bushing
_		53E22144	Thermostatic By Pass Valve	8.0	LW14820	Snap Ring
			S/N: 134509	1.0	LW15619	Gasket
_	2.0	60803	Lifting Eye	16.0	LW16266-10-13	Clamp
		67542	Bearing	2.0	LW16266-25-13	Clamp
_		71623	Washer	2.0	LW16266-25-38	Clamp
		71640	Plug	2.0	LW16266-25-44	Clamp
_		71668	Idler Gear	2.0	LW25-0.63	Bolt
		71907	Counterweight Plate	1.0	LW25-1.75	Bolt
_		72797	Counterweight Pin	2.0	LW25-1.88	Bolt
		72801-OH	Overhauled Counterweight	4.0	LW31H0.88	Bolt
_			S/N: S134723-1	1.0	M2121	Harness
	1.0	72801-OH	Overhauled Counterweight	1.0	M2376	Plate
_			S/N: S134794-6	10.0	M674	Spark Plug Washer
	12.0	72877	Lifter Body	1.0	) MHB4016	Starter
_		72958-USED	Baffle	- [		S/N: D123136
		72965	Counterweight Pin	2.0	REB36S	Spark Plug
		73185-1	Gasket Set	12.0	RJ1031	Seal Nozzle
		73772	Oil Squirt Nozzle	18.0	STD1410	Nut
Ξ.	4.0	73810	Crankshaft Bushing	4.0	STD1901	Stud
		74389	Rocker Bushing	4.0	STD2013	O Ring
		75061	Rod Bolt	6.0	STD2180	Drain Tube Hose
		BL600616-3	Factory Rebuild Magneto	6.0	STD2249	Nut
			S/N: E03LA083R	1.0	STD737	Woodruff Key

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184 Date 03/10/2004 Total Time 1432.40 Manufacturer Lycoming WO Number 08481 TSMO 0.00 IO-540-E1B5 Model Number Hobbs Time 3524.7 RL-8770-48 Serial Number

Engine was installed on the right side of N171Z with new mounts. Serviced with 12 quarts AeroShell 100 Mineral oil. Rigged all controls.

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 08481.

2

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
21 Maz 01	1434)	21.7	3596 H	Justice ingene per USFS 100 her guidelines c/a CD 2002-26 04 by inspecting ful injection
	_		-	Lines No defente forma Due again 3656 HM
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNOTE INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.
18 June 04	148(-9	49.5	3574-1	Changed oil - w100, cut and inspected oil
			. ,	ICERTIFY THAT THIS ENGINE HAS BEEN RICHARD OF MARILED IN ACCORDANCE WITH AN RICHARD OF MARILED SOUTH INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. ATP 2130531
Il July 04	1530.4	88.0 Accus 801.8	3612.7	Inspected engine per USFS 100 hor enspection
				C/w 2002-26-01 by insp ful ing lines Dw 3712.7  1, 77/ * 17/ * 3 77/80 * 4 77/80 * 6 77/80 * 6 77/80
				ICERTIFY THAT THIS ENGINE HAS BEEN OF ALTOSHUL WICO INSPECTED IN ACCORDANCE WITH AN OF ALTOSHUL WICO DETERMINED TO BE IN AIRWORTHY CONDITION.
/	· · · · · · · · · · · · · · · · · · ·			Richard a. Marshall ATP 1230521
7/21/04	14.36			AD 2004-05-24c PCW PER PAR(F)(1) BY INSTALLING BUT REPLACEMENT KIT
			-	05K 19987 3/10/2004 mf Bung A+842747084
7/21/04			<b>I</b>	Ap 2004-10-14c Pcw Pen AD 91-1422
		:		AT ENGINE OVER HACK PARED 3-10-2004 Mel Box Aff 462 745084

	Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
	16 Aug 04	1567-9	135.5	3660.2	Changed oil - aeroshell w100, cut and inspected
					oil filters: washed ensine, runup normal.
		:			CERTIFY THAT THIS ENGINE HAS BEEN
•					INSPECTED IN ACCORDANCE WITH AN 50 HR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.
			( <del></del>		Richard a. Marshall ATP 1230511
ه .	24 Sept 04	1618-4	177.8	3702.5	Changed oil - aeroshell w100, cut and inspected
-		, .			oil filters, services plugs, checked timing,
•					sampled oil, replaced sin felter,
				5-	c/w 2002-26-01 by insp ful eng lines for
					MSB 341D. #1 180 +2 +7/0 +3 779 +4 78 5 18 +6 77
					ICERTIFY THAT THIS ENGINE HAS BEEN RO Marshall
					DETERMINED TO BE IN AIRWORTHY CONDITION. 1-1 12052)
	— Premis	v Aireraft 100			
<b>y</b> /	Manufa	er Aliciali, 100 acturer Number	0 NW Perimeter Lycoming IO-540-E1B5	Way, Troutdal	e, OR 97060-9524 503-661-4184  Date 11/04/2004  TSMO 199.50  WO Number 09067
	Manufa Model Serial	acturer Number Number	Lycoming IO-540-E1B5 RL-8770-48		Date 11/04/2004 TSMO 199.50 WO Number 09067 Hobbs Time 3724.2
	Manufa Model Serial Remov AeroSh	acturer Number Number ed all cylinders nell 80 mineral d	Lycoming IO-540-E1B5 RL-8770-48 Honed the barre	els and fit new r	Date 11/04/2004 TSMO 199.50 WO Number 09067 Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts
	Manufa Model Serial Remov AeroSh	acturer Number Number ed all cylinders	Lycoming IO-540-E1B5 RL-8770-48 Honed the barre	els and fit new r	Date 11/04/2004 TSMO 199.50 WO Number 09067 Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts
	Manufa Model Serial Remov AeroSh	acturer Number Number ed all cylinders nell 80 mineral o thiness Direct jection	Lycoming IO-540-E1B5 RL-8770-48 Honed the barre bil. Test ran and lives	els and fit new r eak checked - r ted	TSMO 199.50 WO Number 09067  Hobbs Time 3724.2  ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.   R Subject  Y Fuel injection lines  Compliance Inspected the lines and correctly clamped in accordance with
	Manufa Model Serial I Remov AeroSh Airwor Fuel In	acturer Number Number ed all cylinders nell 80 mineral o thiness Direct jection	Lycoming IO-540-E1B5 RL-8770-48 Honed the barre bil. Test ran and lives	els and fit new r eak checked - r ted	TSMO 199.50 WO Number 09067  Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.  R Subject Compliance
	Manufa Model Serial Remov Aero Sh Airwor Fuel In AD Not 2002-2	Acturer Number Number ed all cylinders nell 80 mineral of thiness Direct jection 6 Ame 6-01 39-1  icle identified a ed for return to Order Number 0	Lycoming 10-540-E1B5 RL-8770-48 Honed the barre iil. Test ran and lives  and # Dat 2986 01/	els and fit new reak checked - reted 31/2003	TSMO 199.50 WO Number 09067  Hobbs Time 3724.2  ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.   R Subject Y Fuel injection lines  Compliance Inspected the lines and correctly clamped in accordance with SB342D.  Inspection is required at every 100-hour, every annual, every overhaul and any time any part is loosened or
	Manufa Model Serial Remov Aero Sh Airwor Fuel In AD Not 2002-2	Acturer Number Number ed all cylinders nell 80 mineral of thiness Direct jection 6 Ame 6-01 39-1  icle identified a ed for return to Order Number 0	Lycoming 10-540-E1B5 RL-8770-48 Honed the barre bil. Test ran and lives  and # Dai 2986 01/	els and fit new reak checked - reted 31/2003	TSMO 199.50 WO Number 09067 Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.  R Subject Y Fuel injection lines Inspected the lines and correctly clamped in accordance with SB342D. Inspection is required at every 100-hour, every annual, every overhaul and any time any part is loosened or removed for any reason.  d in accordance with current maintenance rules of the Federal Aviation Regulations and is at was accomplished. Pertinent details of the repair are on file at this Repair Station under
	Manufa Model Serial Remov Aero Sh Airwor Fuel In AD Not 2002-2	Acturer Number Number ed all cylinders nell 80 mineral of thiness Direct jection 6 Ame 6-01 39-1  icle identified a ed for return to Order Number 0	Lycoming 10-540-E1B5 RL-8770-48 Honed the barre bil. Test ran and lives  and # Dai 2986 01/	els and fit new reak checked - reted 31/2003	TSMO 199.50 WO Number 09067 Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.  R Subject Y Fuel injection lines Inspected the lines and correctly clamped in accordance with SB342D. Inspection is required at every 100-hour, every annual, every overhaul and any time any part is loosened or removed for any reason.  d in accordance with current maintenance rules of the Federal Aviation Regulations and is at was accomplished. Pertinent details of the repair are on file at this Repair Station under
	Manufa Model Serial Remov Aero Sh Airwor Fuel In AD Not 2002-2	Acturer Number Number ed all cylinders nell 80 mineral of thiness Direct jection 6 Ame 6-01 39-1  icle identified a ed for return to Order Number 0	Lycoming 10-540-E1B5 RL-8770-48 Honed the barre bil. Test ran and lives  and # Dai 2986 01/	els and fit new reak checked - reted 31/2003	TSMO 199.50 WO Number 09067 Hobbs Time 3724.2 ings. Reinstalled the cylinders. Changed both filters and the oil. Serviced with 12 quarts no leaks noted.  R Subject Y Fuel injection lines Inspected the lines and correctly clamped in accordance with SB342D. Inspection is required at every 100-hour, every annual, every overhaul and any time any part is loosened or removed for any reason.  d in accordance with current maintenance rules of the Federal Aviation Regulations and is at was accomplished. Pertinent details of the repair are on file at this Repair Station under

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
11 Jan 05	1635.8	203.4	3718.1	Oil not changed at this time. Checked timing,
				cleaned feel screen, rerigged throttle controls,
				repaired tailpipe by welding tab, replaced air filter; repositioned engine mts as
				required to align engine; washed engine; *1 72/80 = 1 76/80 # 3 78/80 # 4 76/80 # 5 76/80 # 6 75/80
				C/W 2002-16-01 by info full inj longs per MSB 342D-ot.  ICERTIFY THAT THIS ENGINE HAS EEEN Pichard a Marshall  ANNUAL INSPECTION AND HAS BEEN  OFFICIAL INSPECTION AND HAS BEEN  OFFICIAL INSPECTION AND HAS BEEN
17 Freb-05	:		3730,3	DETERMINED TO BE IN AIRWORTHY CONDITION AT P 1230531 1A
				REB368 plug. Richard a. Marshall
				ATP 123053)
02-22-05			37334	Replace prop governor PN 216400C/SN 7/1880
				Overhaul by Gold Coast Aero Accessories Inc
		<u> </u>	,	Testrun engine ground no abnormalities
				found, Rechardingston AP572648724
23-3-05	1641.1	208.7	3733,4	
				excessive oil consumption. Sent
				to Premier Aircraft - see yellow
				tags for work done. Re-installed
				Run up e leak check. No leaks
				noted. Verd Isaac Hep1941596
		-		
			:	

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signs and certificate number of the person/facility performing the work.	ıture
	N171Z 02-01-2007 TT: 1635.8 Serviced w	7 Hobbs Time: 3 Drained oil, r ith 11 qts of A	3749.1 Right emoved filter, eroshell 100,	Engine: SMOH: 203.4 cut filter, no metal noted. 50W and new Champion	
	filters. Con 60/80, #5: and defects	npression test: 75/80, #6: 79/8 s. Checked baff	#1: 72/80, #2: 80. Checked ex le for cracks, a	ters with new CH48108 75/80, #3: 78/80, #4:  khaust for leaks, cracks none found this date. gs. Checked engine	
	for leaks, n lubricate".	one found this Test run engi	date. Lubricate, no leaks th	reens. Checked turbos  ted with "mouse milk is date. I certify that I r inspection and return to	
· · · · · · · · · · · · · · · · · · ·	Dare	lliams A&P 27	<del>272084</del>		
	TT: 1695.8 Serviced woil filters. Confilters. Confilters. Confilters. Cleaned, gtiming. Cleaned, gtiming. Cleaned, gtiming. Cleaned, nubricate". have inspesservice.	B Drained oil, roith 11 qts of AccH48110. Repl npression test: 74/80, #6: 75/86. Checked baff apped, and rotal eaned fuel screen tone found this. Test run engin	emoved filter, eroshell 100, 5 aced turbo filt #1: 70/80, #2: 60. Checked exted spark plugens, suction so date. Lubricane, no leaks the per 100 hour	Engine: SMOH: 233.4 cut filter, no metal noted. 50W and new Champion ters with new CH48108 74/80, #3: 78/80, #4: khaust for leaks, cracks none found this date. gs. Checked engine treens. Checked turbos ted with "mouse milk his date. I certify that I r inspection and return to	
			TT: 1' Service oil filters. 69/80, and de Cleane timing for lea	2009 Hobbs Time: 3812.6 Right Engine: SMOH: 267.0 729.4 Drained oil, removed filter, cut filter, no metal noted. red with 11 qts of Aeroshell 100, 50W and new Champion rers CH48110. Replaced turbo filters with new CH48108 Compression test: #1: 72/80, #2: 70/80, #3: 75/80, #4: #5: 70/80, #6: 72/80. Checked exhaust for leaks, cracks refects. Checked baffle for cracks, none found this date. red, gapped, and rotated spark plugs. Checked engine g. Cleaned fuel screens, suction screens. Checked turbos rks, none found this date. Lubricated with "mouse milk rate". Test run engine, no leaks this date. I certify that I rnspected this engine per 100 hour inspection and return to	

	Total	Time	Tach or	Description of work performed including t	
<b>D</b> . 4	Time	Since	Hobbs		
Date	In	Major	Meter	and certificate number of the person/	facility
	Service	Overhaul	Time	performing the work.	
—— <i> </i> //	i bei vice	Overnaui	I Time		<del> </del>
	V171Z				
$\overline{1}$	2-14-2010 H	lobbs Time: 383	36.9 Right En	gine: SMOH: 291.3 TT: 1753.7 Drained oil, removed filter	
_ f	ilter, no metal	noted. Service	d with 12 gts	of Aeroshell 100, 50W and new Champion oil filters CH48	, cui
	Replaced turbo	filters with ne	w CH48108 f	filters. Compression test: #1: 75/80, #2: 72/80, #3: 78/80, #4	60/80
#	5: 70/80, #6:	72/80. Checked	i exhaust for l	leaks, cracks and defects. Checked baffle for cracks, none for	and this
đ	ate. Cleaned,	gapped, and ro	tated spark pl	ugs. Checked engine timing. Cleaned fuel screens, suction s	creens
(	hecked turbo	s for leaks, non	e found this d	ate. Lubricated with "mouse milk lubricate". Test run engir	ne no
le	eals this date.	Legrify that I	have inspecte	d this engine per 100 hour inspection and return to service.	,
—— <i>[</i>	free	Willis Bar			
/ <u>}</u>	<u>ustin William</u>	s A&P 302456:	3		
	·				
					· .
	N171Z				
·		2 Hobbs Time:	3842.8 Righ	t Engine: SMOH: 297.2 TT: 1759.6 Did not change oil at the	nis time due
				Did not change oil on turbo filter due to not being enough	
		•	_	: 74/80, #2: 72/80, #3: 77/80, #4: 69/80, #5: 70/80, #6: 74/8	
	exhaust for	r leaks, cracks a	and defects. C	hecked baffle for cracks, none found this date. Cleaned, gap	ped, and
<del></del>				ning. Cleaned fuel screens, suction screens. Checked turbos	
				mouse milk lubricate". Test run engine, no leaks this date. T	
				-10 To remove certain fuel servos from service: N/A does no	
				auled by AvStar. AD 2011-26-04 To prevent failure of the fi	
				n both engines this date as per AD. All lines and clamps che	
	satisfactor			ve inspected this engine per Annual inspection and return to	service.
	fiste	Willien	ُ ــــــج		,
<del></del> :	Justin Will	liams IA003024	1563		
	//	l I	1		
_ ;;	<b>-</b>	· · · · · · · · · · · · · · · · · · ·	•		<del>:</del>
Novemb	er 7, 2014				
	C/NJ.14E0.1E		·		
	S/N:1450-15		9770 49		:
Hobbs T		1B5 S/N: RL-	0 / / U=40		
— Engine S					
Engine 7					
	1 1 51 1	0.0	-		·
Inspecte	d Engine IAV	V Aero Comma	nder 500 Seri	ies Inspection Guide. Engine Compression #1-78/80; #2-	
				Cleaned, Gapped, and Tested Spark Plugs. Checked	
				il With 10 qts. of Aeroshell 100W Plus, Replaced Oil	
Filter W	ith P/N: CH4	8110-1, Replac	ced Turbo Oil	Filter with P/N: CH48108-1, Replaced Intake Filter with	
				ring Propeller Removal for Overhaul. AD 80-04-03 R2	
				re of the Fuel Injector Lines – Inspected Fuel Lines and	
			been inspecte	ed in accordance with an annual inspection, and was	1
		hy condition.	, _		
— IA 2713		11.	1/ 160		<u> </u>
Michael	Tsvirinko	unch	w/ 2	U >	
<del>-</del>		=			
				and the state of the	
				<del></del>	<del></del>
ı	F	* 1	Į.		

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
— Dece	ember 14, 20	15		
	1Z S/N:1450	0-159  0-E1B5 S/N:	D1_8779_48	
Hob	bs Time:	3852.3	KB-0170-40	
	ne SMOH: ne TTSN:	306.7 1769.1	**	
79/8 Eng Filte P/N Line an a IA 2	0; #3-78/80; ne Timing, C r With P/N: 0 BA151E. A s – Inspected mual inspect 713758	#4-75/80; #5-7 Cleaned Fuel So CH48110-1, R AD 80-04-03 R2 I Fuel Lines and tion, and was fo	6/80; #6-79/80 creen. Change eplaced Turbo 2 C/W by oil to d clamps. I ce	Series Inspection Guide. Engine Compression #1-78/80; #2-0. Cleaned, Gapped, and Tested Spark Plugs. Checked ed Oil With 10 qts. of Aeroshell 100W Plus, Replaced Oil to Oil Filter with P/N: CH48108-1, Replaced Intake Filter with the type, AD 2011-26-04 To Prevent Failure of the Fuel Injector certify that this engine has been inspected in accordance with airworthy condition.
— Mic	nael Tsvirink	° The	lu/ V	V6
				<del></del> 
	<u> </u>			
	· · ·			

	Total	Time	Tach or	Description of the state of the
TN - 4 -	Time	Since	Hobbs	Description of work performed including the signature
Date	In	Major	Meter	and certificate number of the person/facility
	Service	Overhaul	Time	performing the work.
			Ton	g Aircraft Services, Inc.
				5 NW 51st Place, Hangar 5
				t Lauderdale, FL 33309
				.958.9191; Fax. 954.958.9192
:				ail: tongaircraft@aol.com ————
	N 171Z ENGINE	S/N: 149-15 IO-540-E1B	59 HOBBS 5, S/N: RL-6	8 0044.9 T.T 11096.4: DATE:5/3/2017 8770-48. SMOH: 351.6 TTSN:1814.0
	PERFORM	MED COMP	RESSION C	CHECK # 1-70/80. # 3- 30/80. # 5 - 72/80. # 2 73/80
	#4- 75/80.	# 6- 68/80.	REMOVED	# 3 CYLINDER SEND OUT AND IRAN BY
	CERTIFIE	D ENGINE	AND REINS	STALLED. CLEANED AND GAPPED TESTED ALL
:	SPARK PI	LUGS. CHE	JK AND CL	EANED FUEL SCREEN . OIL CHANGED SERVICE
	VVIIII 10 (	A DEDIACE	SMELL W1	00 PLUS INSTALLED NEW OIL FILTER P/N
	FII TED D	- I REPLACE N RA151E E	SEDIVUED TURKU	OIL FILTER P/N CH4 <b>\$</b> 105-1. REPLACED AIR AIRDUCT P/N 610258-501.C/W AD 80-04-03 R2 BY
	OILTYPE	CVM VD 30	11-26-04 T	O PREVENT FAILURE OF FUEL INJECTIOR LINES- —————
	INSPECTI	ON FUEL II	NES CLAM	IPS. I CERTIFY THAT THIS ENGINE HAS BEEN
	INSPECT	ED IN ACCO	RDANCE \	WITH AN ANNUAL INSPECTION AND WAS FOUND ———
	TO BE AIR	RWORTHY	CONDITION	V.
	*		1	· · · · · · · · · · · · · · · · · · ·
		HINC	71	
	SOMSAK	MOďLÝľRI	A&P 32618	B75 IA.
				<del></del>
				<u> </u>
<i>f</i>				
				· · · · · · · · · · · · · · · · · · ·
				:
	,			
				<u> </u>
		,		
				, ·
				·
	,			

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed include and certificate number of the peperforming the work	rson/facility
	N 171Z	 S/N: 149-15	9 HOBBS	3 0044.9 T.T 11096.4: DATE:5/11/2018 8770-48. SMOH: 351.6 TTSN:1814.0	3
	#4- 74/80. # AND CLEA SHELL W10 TURBO OII 80-04-03 R INJECTION ENGINE HA	# 6- 70/80. ( NED FUEL 00 PLUS IN L FILTER P 2 BY OILTY R LINES- IN AS BEEM IN	CLEANED SCREEN ISTALLED ON CH4510 OPE. C/W A SPECTION SPECTED BE AIRWO	CHECK # 1-70/80. # 3-76 /80. # 5 - 64/80. # AND GAPPED TESTED ALL SPARK PLUG OIL CHANGED SERVICEWITH 10 QTS A NEW OIL FILTER P/N CH45110-1 REPLAC 05-1. REPLACED AIR FILTER P/N BA151E AD 2011-26-04 TO PREVENT FAILURE OF N FUEL ILNES CLAMPS. I CERTIFY THAT D IN ACCORDANCE WITH AN ANNUAL INSORTHY CONDITION.	SS. CHECK ERO CED C/W AD FUEL THIS
	SOIVISAN IV		A&P 32018	8/5 IA.	
	Right Engine: N1712 S/N: 14	150-159 HOBBS: 82, T	T.: 11133.5, Date: 0	99/09/2019	
	• (	Comp test 1:72,3:73,5	in accordance with 5:63,2:74,4:72,6:74	FAR 43 appendix D 100 HR inspection and maintenance manual guide lines.  50, engine oil filter change CH110-1, Turbo oil filter changed CH105-1, added	
	• (	CamGuard additive. Cleaned right Fuel filt	er and replaced O-ri	ng,	
	• s		rotated, installed nev leg btdc cyl 1, confir		
	I certify that th	nis aircraft has been in	nspected in accordar	nce with an 100 HR inspection, and found to be in airworthy condition.	
	Les Nagy A&P	Mogy 3139135			
					ie) .
			_	•	<u> </u>
					<u></u>
		_			

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work perform and certificate number performing	of the person/facility
	Engine:		<u> </u>		
		IS 111.6, T.T.: 11163.1, RL-8770-48, SMOH: 41			
	12.10 540 2155, 5/14.	NE-0770-40, SIMON, 41	.6.5, 11514. 1660.7		
	<ul> <li>Completed insp</li> </ul>	pection in accordance v	with FAR 43 appendi	x D 100 HR inspection and maintenance manual guidelines.	
		/80,3:73/80,5:65/80,2		•	
	<ul> <li>Oil change 10 q</li> <li>Cleaned right Fi</li> </ul>		W-50, engine oil filti	er change CH110-1, Turbo oil filter changed CH108-1	
	Replaced right l	bracket air filter eleme	nt. P/N BA151E	•	
		aned, rotated, installed			
		ck 20deg btdc cyl 1, co AD 2015-19-07 (03/11)		or left mag behavior. re of fuel injector lines, inspected and tightened fuel line clamps	
	,			and agreement the clamps	
l certif	y that this aircraft has	been inspected in acc	ordance with an 100	HR inspection, and found to be in airworthy condition.	
	2- Monal	• · · · · · · · · · · · · · · · · · · ·		,, 25 man worthy condition.	
les Na	OV A&P 313913	r			
	e, 5155150/				
,					
<del></del>				:	
/22/202,	1,898.0			Of Engine oil Rilter	eplace I (New), Jewiel
				oil /Fiter Ch108-1	eplace I (New), Jewiel
			`	with 10 Ats. of x/c. 20	w- 50 hum up for
				Leak nd xo leak.	18/9167680 // Sletoz
1/02/201	1808.0			che AH Tarbo replace	1 PW: 0F101577-0000
		<del></del>		with shoff: To 110302	
	<b>*</b>			OVH unit by Mui	
				W.O.H-60546 P/NO	
				nitle 5/NON: 1733. 1	
				Acro, Common La 500B	refor-section I Fig.
			•	OPT. founded on 1/	al SB-NO.Z3
			-	opt foundation 1/	9407680, Was letto.
<del></del>					
			:		

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.

Reg. N171Z S/N: 1450-159 Engine Model: IO-540-E1B5 A/CTT: 11215.9 Date: 02/4/2022

Engine RH Position Engine S/N: RL-8770-48 Engine TSO: 498.5 Engine TSN: 1960.9

C/W Engine Annual Inspection IAW aircraft maintenance manual for Aero Commander 500B, Changed, Sept. 01 1980. As follow; C/W Compression Cylinder #1-77/80, #2-78/80, #3-77/80, #4-75, #5-74/80 and #6-70/80. Engine and Turbo Oil/Filter changed P/N: CH108-1 / CH110-1, Serviced with Oil X/C Phillips 20W/50, 12qts. C/w Intake and Exhaust gasket, Nuts, washer replaced,(New) P/N: SL71973, MS35690-502, SL15619, AN960-516. Also c/w Governor Gasket replaced P/N: MS10009/MS144. Replaced Air Filter element P/N: BA151E, Also C/w Lh/Rh Magnetos Overhauled by HP Accessories Inc. W,O, # 6297 and 6294,Removed and Installed for Lh position with s/n: EO4LA083 and for Rh position s/n:E03GA181R, C/w Propeller removed due crankshaft seal Oil leak, replaced seal P/N:S/A AS3582-223, Also replaced 12 spark plug REM37E (New). C/W Engine timing procedures and engine ground run up for leak and drop opt, founded within limits, No leak. Also replaced deteriorated Intake duct 2.5" by a new one as required.

A/P-4107680-Wilcides Centeno- Wilcides Centeno-

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

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

to agree of the contract of th		
4/21/2022		C/w RH starler removed and replaced, P/w:
		MHB-4016, =/NOFF: DIZ3136 and 5/NON!
		J121399 (OVHunit) by Kelly Acrospore Energy Syl
		W.O.# M298380 All work Love IAW.
		Aug comonder 500B, m/m sol. x Wiston.
8/20/2022	N S	of Renoved Rh Pogullor due countitals
		seal oit beak. Installed new seal (ovaside)
		Plu: 1 N'13792 PSO, Propeller Installed, optich
		Ipu Aevo Common du DOOB Section X.
9/8/2021		Replaced Rhenging MP4107620, Wolldo
		Lh magneto PN:BL-600616-3(5/N: E04LBG83R
		OFF on I Intallal Dott MAgnito Phr: 10-600616-312
		Sh: D-02007(OVH), Timing of IAW. Acocomnderse
	<u> </u>	norman Delica Contractor de la

Mm, 7 Run-up on Eleak check, fould, on A/P4107686-W. S. Litters Page 13 of 32

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
9/30/2022				Replaced from # 2 engine, Rh plagne fo Ph. BLOODS short: E03GA 131R and Inchille & Rebuilt MA reto with sume Phi: BL-600646-1 with sho: E21E A132R. IAW. Aero Coma den 50013 Save mound, clw Timming Procedures found Within Line; ts.  Ap 4107630 Wylites
				S/NOFF. ES3GA/3/R on JInstylle & Rebuit Ma
				noto with sume PM: BL-600646 -1 with s/w.
		!		EZIEA132R. IAW. Aero Coma de 50613 Sav
				mound, de Timming Procederes bould Within
				Lieu; ts. 4/04/07630/10/lite
			<del></del>	
-				
		:		
	<u> </u>		-	
			· <u></u>	
	<del> </del>		·	
	<del>.</del>			
	·			
	-			
	-			

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
	Service	Overnaui	i lime	N171Z
			Aara Cam	mander 500B S/N 1450-159
				·
			DATE: 1 MARC	
				TAL TIME: 11,310.6
	<u>'</u>	<del> </del>	Hobbs: 0295.9	
	·			EIO-540-E1B5 S/N RL-8770-48 TOTAL TIME:2055.6 TSO 593.2 his ENGINE has been inspected in accordance with Annual inspection as per Aero
	<u> </u>	:	Commander N	Maintenace Manual, LYCOMING IO-540-E185 and FAA FAR REGULATIONS 43 Appendix (D) rmined to be in airworthy condition.
			_	
			Date 3/2/	2023 EngineTime ~ 2055-4
			been inspected	「 I certify that this Engine has d in accordance with an 分の形式
			inspection and	found it in airworthy condition.
			ر حر	
			LESLIE SANCHE	2 LANDRON'
		<del> </del>	IA & A&P 34140	012
				N171Z
	•		AERO COMM	3/1/ 1430-133
		1	AIRCRAFT HO	DATE, March 1,2023.
				ELIO-540-E1B5 RIGHT ENGINE S/N RL-8770-48 TOTAL TIME: 2055.6 TSO 593.2
				NG WORK WAS PERFORMED AT THIS TIME IN ACCORDANCE WITH AERO COMMANDER NANCE MANUAL
-		<u> </u>	Removed engi	-
-			Performed cor	npression check as fallow 1)75/80 2)70/80 3)75/80 4)75/80 5)60/80 6)75/80
				ervice with 9 qtrs. XC 20w50 Aviation oil.
-	· ·			replaced engine oil filter installed CH48-110-1 and CH48-108-1.
			Engine washed	
			Lubricated engi	
				replaced oil return lines.
			Rotate spark ple	replaced engine rocket box cover gasket.
				ugs.  with Lycoming gray.
			Re-installed eng	eplaced induction air filter. Installed new one.
		-		
				ne run-up satisfactorily no oil leak at this time.
			Regulations 43 a	s engine has been inspected in accordance with at 100 hours inspection as per FAA FAR ppendix (D)and was determined to be in airworthy condition.
			GERMAN ALVAR	REZ
		1	A&P584499098	

·					
1. Approving Na		2.	-	3. Form Tracking	Number.:
	/Country: ted States	AUTHORIZED RELE FAA Form 8130-3, AIRWOR		SAME A	S BLOCK 5
4. Organization Name and A	ddiose: Teleda	yne Continental Moto	Ma	5, Work Order/Congret	://nyoice Number:
	P.O. I	Box 90	ONE FAA/PMA	P43049	
-	Mobile	e, Alabama 36601		1 15043	
6. [tem:	7. Description:		8. Part Number:	9. Eligibility:*	
1	MAGNETO		BL-600646-1	0-540-	Ą
10- Quantity:	11. Serial/Botch Number:		I2. Status/Work:	-	
1	E03GA181	lR	REBUILT	Righ	$ \overline{}$
13, Romerks;	· I				SC -204
	•			36L	56 -204
	•				
			1		
XXXXXXXXXX	CONTRACTOR	KKXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	19. XXI4 CFR 43.9 Return to Service	Other reg	ulation specified in Block 13
XXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Cartifies that unless otherwise specified in Bi	lock 13, the work ide	entified in Block 12 and
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ĬŠĸĬijĸĨĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸĬĸ	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	described in Block 13 was accomplished in a Regulations, part 43 and in respect to that we	scordance with Tille irk, the items are app	: 14, Code of Federal Hoved for return to service,
XXXXXXXX		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
15. Anthorized Signature:		16, Approval/Authorization No.:	20. Authorized Signsture:		21. Approvn//Certificate Number:
XXXXXXXX	XXXXXXXX	XXXXXXXX	John R. The		PQ1269CE
17. Name (Typed or Printed)	;	18, Dare (m/d/y);	22. Name (Typed or Printed):		23, Date (m/d/y):
XXXXXXXX	XXXXXXXX	XXXXXXXX	John R. Miller	,	08/16/2003
		I Igay/Inctallar	Dagmangihilitiag		
1. In 2	mand short the contract	4.8.4	Responsibilities	<del></del>	
		of this document alone does not automatically could the patients are a second to the s		•	
		vith the national regulations of an airworthiness m Il his/her airworthinass authority accepts parts/oo			
block I.		- , <b>,</b>	-	· · · · · · · · · · · · · · · · · · ·	
Statements in Blocks	4 and 19 do not constitu	ure installation certification. In all cases, airoraft	maioteoonce records must contain an installati	on certification from	od in secondance with
l .		efore the aircraft may be flown.		on Aprillamini (7906	a in accordings Willi

1. Approving Nati Authority/		2. AUTHORIZED RELE	CASE CERTIFICATE	3. Form Tracking Number.:
FAA/Unit	ted States	FAA Form 8130-3, AIRWOR		SAME AS BLOCK 5
4. Organization Name and Ac	Teledy P.O. Bo	ne Continental Moto ox 90 , Alabama 36601	rs faa/pma	5. Work Order/Contract/Invoice Number: P50929
6. Item:	7. Description:		8. Part Number:	9. Eligibility:*
1	MAGNETO		BL-600616-3	0-540-A
10. Quantity:	11. Serial/Batch Number:		12. Status/Work:	A 4
1	E03LA0831	₹	REBUILT	Left 56650-200
XXXXXXXXXX SKAMAKKXKXXXXX SKAMAKKXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	<b>M X4XX X4XXXXXX</b> XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	19. 14 CFR 43.9 Return to Service Certifies that unless otherwise specified in Bl described in Block 13 was accomplished in ac Regulations, part 43 and in respect to that wo	Other regulation specified in Block 13
15. Authorized Signature:		16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate Number:
XXXXXXXXX	XXXXXXX	XXXXXXXX	John R. Mul	PQ1269CE
17. Name (Typed or Printed):		18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):
XXXXXXXXX	XXXXXXX	XXXXXXXX	John R. Miller	01/15/2004
		User/Installer I	Responsibilities	
It is important to unders	stand that the existence	of this document alone does not automatically co	institute authority to install the part/component	nt/assembly.
		h the national regulations of an airworthiness au his/her airworthiness authority accepts parts/con		
		e installation certification. In all cases, aircraft rore the aircraft may be flown.	naintenance records must contain an installatio	on certification issued in accordance with

Statements in Blocks 14 and 19 do n the national regulations by the user/	Where the user/installer performs win Block 1, it is essential that the use Block1.	It is important to understand that th			17. Name (Typed or Printed);		15. Authorized Signature:	<ul> <li>Approved design data and are in condition for safe operation</li> <li>Non-approved design data specified in Block 13.</li> </ul>	14. Certifies the items identified abo	Number: JAA.4228. F	that work the aircraft component	Certifies that the w	Overhauled in accord	13. Remarks:	1 Fuel Injector	6. Item: 7. Description:			4. Organization Name and Address:	FAA/United States	1. Approving National Aviation Authority/Country:
Statements in Blocks 14 and 19 do not constitute installation certification. In the national regulations by the user/installer before the aircraft may be flown	Where the user/installer performs work in accordance with the national regulations of an airworthiness authority in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assem Block1.	It is important to understand that the existence of this document alone does not automatically constitute authority	116		18 Date:		16. Approval/Authorization No.:	e in condition for safe operation ecified in Block 13.	14. Certifies the nems identified above were manufactured in conformity to:	Full details held on work order R04-003581	ft component is considered ready for	that the work specified in block 12/13 was carried out in accordance with JAR	Overhauled in accordance with Precision Airmotive form #15-318C, Oct, 76, RS-62, RS-76		391787-4 RS-10B1	Part N	1414 S. Mosley Wichita, KS 67211	B & S Aircraft Parts &		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	2.
In all cases, aircraft maintenance records must contain an installation certification issued in accordance with wn.	lations of an airworthiness ness accepts parts/compon	s not automatically constitute authority	er/Installer Personsi	Gregory M	22. Name (Typed or Frinted):	<u>.</u>	on No.: 20. Authorized Signature:	Certifies that unless and described in Blo Federal Regulations, return to service.	19. 🙀 14 CFI	3581	release to service un	ied out in accordance wi	5-318C, Oct, 76, RS-62,		N/A	Eligibility:*	# <b>PA</b>	Accessories,		FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	
ance records must (	authority different ents/assemblies fron	authority to install	- 1	Hoones	d orÆrinted):	tax Hag	Signature:	nat unless otherwise bed in Block 13 was gulations, part 43 a ervice.	14 CFR 43.9 Return to Service		to service under JAA Acceptance Certificate	145	RS-76			10. Quantity:	ertified Renair St	Inc.		CEKIII  APPROVAL TAG	
contain an installation cer	different than the airworthiness authority of the country specified blies from the airworthiness authority of the country specified in	to install the part/component/assembly.				Des		Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	籽		e Certificate	and with respect to			16981	11. Serial/Batch Number:	FAA Certified Renair Station No. NEZROZBI			HICALE	
tification issued in accor	uthority of the country sprity of the country specifi	nbly.		01/22/2004	23. Date (m/d/y):	NE2RO28L	21. Approval/Certificate No.:	work identified in Block nce with Title 14, Code o s, the items are approved	Other regulation specified in Block 13						Overhauled	12.	04003581	Number:	5. Work Order/Contract/Invoice	R04-003581	3. Form Tracking Number:
dance with	ecified ied in			<del>-</del>		. <u>8</u>	ate No.:	. 12 f f for	13							Status/Work:			Invoice	81	er:

1. Approving National Aviation	2.				3. Form Tracking Number:
FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	APPROVAL TAG	ICATE	R04-003607
4. Organization Name and Address:	B & S Aircraft Parts	s & Accessories,	Inc.	5. V	5. Work Order/Contract/Invoice Number:
	414 S. Mosley			,	04003607
	ita,	FAA	FAA Certified Repair Station No. NE2RO28L	ition No. NE2RO28L	
6. Item: 7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	r: 12. Status/Work:
1 Fuel Pump	RG9080J1	N/A	<u> </u>	C2350	Overhauled
13. Remarks:			-	=	
Overhauled in accord	Overhauled in accordance with Crane Lear Romec manual, Rev 3,	, Rev 3, 1/6/95, SB 101SB020, Rev 3,	0, Rev 3,		
3/15/02, Textron Lyc	3/15/02, Textron Lycoming Mandatory SB #529B, 6/10/02				
Certifies that the w	Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145	carried out in accordance w		and with respect to	
that work the aircra	that work the aircraft component is considered ready for		release to service under JAA Acceptance Certificate	Certificate	
Number: JAA.4228. Fi	Full details held on work order R04-003607	4-003607			
14. Certifies the items identified abo	Certifies the items identified above were manufactured in conformity to:	19. 🔀	14 CFR 43.9 Return to Service	X	Other regulation specified in Block 13
<ul><li>☐ Approved design data and are in condition for s</li><li>☐ Non-approved design data specified in Block 13.</li></ul>	Approved design data and are in condition for safe operation. Non-approved design data specified in Block 13.	Certifies that unl and described in Federal Regulati	Certifies that unless otherwise s and described in Block 13 was a Federal Regulations, part 43 an return to service.	Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	ork identified in Block 12 with Title 14, Code of the items are approved for
15. Authorized Signature:	16. Approval/Authorization No.:	zation No.: 20. Authorized Signature:	Signature:		21. Approval/Certificate No.:
		Buy	m 1 look		NE2RO28L
17. Name (Typed or Printed):	18. Date:	22. Name Cyp	22. Name (Typed of Printed):		23. Date (m/d/y):
		Brysőn I	L. Voth		01/22/2004
		User/Installer Responsibilities	sibilities		
It is important to understand that th	It is important to understand that the existence of this document alone does not automatically constitute authority	es not automatically constitu		to install the part/component/assembly.	y.
Where the user/installer performs win Block 1, it is essential that the use Block1.	Where the user/installer performs work in accordance with the national regulations of an airworthiness authority in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assem Block1.	regulations of an airworthines rthiness accepts parts/compo		different than the airworthiness authority of the country specifie blies from the airworthiness authority of the country specified in	different than the airworthiness authority of the country specified blies from the airworthiness authority of the country specified in
Statements in Blocks 14 and 19 do not the national regulations by the user/	Statements in Blocks 14 and 19 do not constitute installation certification. In the national regulations by the user/installer before the aircraft may be flown.		nance records must co	ntain an installation certifi	In all cases, aircraft maintenance records must contain an installation certification issued in accordance with wn.

1 Approving National Aviation   2	2.				3. Form Tracking Number:	I
	AUTHO	D RELEASE	CERTI	FICATE	R04-003590	
4 Organization Name and Address:	A A M A B CAARA	TEXA FORM OFFORE THAT A CONTENT AND TEXAS	MILKO TIME		5. Work Order/Contract/Invoice	- [
T. Organization Manic and Audicss.	B & S Aircraft Parts	s & Accessories,	Inc.	e e e	Number:	
	4 S. Mosley			:	04003590	
6. Item: 7. Description:	8. Part Number:	9. Eligibility:*	ertified Repair St	FAA Certified Repair Station No. NEZROZ8! 10. Quantity: 11. Serial/Batch Number:	nber: 12. Status/Work:	
Distributor Valve Assembly	mbly   2524591-3	N/A	٠.	087504	Overhauled	
13. Remarks:						ļ
Overhauled in accorda	Overhauled in accordance with form 15-549B, Rev 1, 1/	1/7/94				
that work the aircraf	that work the aircraft component is considered ready for release to service under IAA Ac	for release to service II	י כ	entance Certificate		
Number: JAA.4228. Fu	Full details held on work order RO4-003590	4-003590				
14. Certifies the items identified above were manufactured in conformity to	we were manufactured in conformity	19. 🙀	14 CFR 43.9 Return to Service	*	Other regulation specified in Block 13	
Approved design data and are in condition for safe operation.  Non-approved design data specified in Block 13.	e in condition for safe operation ecified in Block 13.	Certifies that unl and described in Federal Regulati return to service.	less o Bloo ons,	specified in block 13, the accomplished in accordant in respect to that wor	otherwise specified in block 13, the work identified in Block 12 ck 13 was accomplished in accordance with Title 14, Code of part 43 and in respect to that work, the items are approved for	
15. Authorized Signature:	16. Approval/Authorization No.:	ization No. 20. Authorized Signature:	Signature:		21. Approval/Certificate No.:	
		40	tus Thon	pad	NE2RO28L	ļ
17. Name (Typed or Printed):	18 Date:	22. Name (Typed or/Frinted):	ed or (Frinted):		23. Date (m/d/y):	
		Gregory M.	M. Hoopes		01/22/2004	
		User/Installer Responsibilities	I .			l
It is important to understand that the existence of this document alone does not automatically constitute authority Where the user/installer performs work in accordance with the national regulations of an airworthiness authority in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assem Block 1.	e existence of this document alone do ork in accordance with the national in the rairwork in accordance that his/her airwork in the contract of the contract o	oes not automatically constitut regulations of an airworthines orthiness accepts parts/compor	e authority to install s authority different ents/assemblies fron	to install the part/component/assembly. different than the airworthiness author blies from the airworthiness authority o	to install the part/component/assembly.  different than the airworthiness authority of the country specified blies from the airworthiness authority of the country specified in	
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.	ot constitute installation certification installer before the aircraft may be f	ı. In all cases, aircraft mainte lown	nance records must (	contain an installation cei	rtification issued in accordance with	
						1

1. Approving National Aviation Authority/Country:	2.				3. Form	3. Fo.m Tracking Number:
FAA/UNITED STATES	AUTHORIZED RELEASE CERTIFIC  FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	RIZED RELEASE CERT	CERTII	FICATE		D123136
4. Organization Name and Address:  KELLY AEROSPACE	POWER SYSTEM	AIRPORT COMPLEX, FOR	FORT DEPOSIT, AL.	L. 36032	5. Work ( Number:	5. Work Order/Contract/Invoice Number: W/O: M433550
6. Item: 7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	nber:   12.	Status/Work:
1 STARTER	MHB-4016 N/A 1	N/A	1	D123136		OVERHAUL
*********	**** END ************	**************************************	********		÷	- L
13. Remarks: A COPY OF WORK	A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM KELLY AEROSPACE POWER SYSTEMS	ROM KELLY AEROSPACE POV	ÆR SYSTEMS	•		
WITH IAR IAS AND	WITH TAR 145 AND WITH DECRECT TO THAT WODE THE A BOD AFT COMPONENT TO	H AIDCD AFT COMBONITY IS	COMMENTE			
READY FOR RELE	READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA 4418	TANCE CERTIFICATE NUMBI	ER: JAA.4418			47
APPROVED FOR EXPORT	XPORT					-
THE ORIG, EQUIP. MFC	THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO AND ORIG	TE IN THE LINES IDENTIFIED	AS MOD/NO AND	ORIG. MFG		
COMPLIES WITH PPS-9001 LATEST REVISION	9001 LATEST REVISION					
NOTE: THE FAA-PMA S	NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT	REPRESENTS FAA APPROVAL	OF THE REPLACE	EMENT DATA PLATE		-
OVERHAULED PER KE	OVERHAULED PER KELLY AEROSPACE OE-A2 MANUAL DATED 5/1/03	ATED 5/1/03.				
14. Certifies the items identified abo	Certifies the items identified above were manufactured in conformity	to: 19. 🗵 14 (	14 CFR 43.9 Return to Servi	e	regulation s	Other regulation specified in Block 13
☐ Approved design data a	Approved design data and are in a condition for safe operation		s that unless other	Certifies that unless otherwise specified in Block 13, the work identified in Block 12	3, the worl	k identified in Block 12
☐ Non-approved design data specified in Block 13	ata specified in Block 13.	Federal return 1	Federal Regulations, part return to service.	43 and in respect to tha	t work, the	in respect to that work, the items are approved for
15. Authorized Signature:	16. Approval/Authorization No.:	20.	Authorized Signature:		21. Аррг	Approval/Certificate No:
		2		toon		UT2R226L
17. Name (Typed or Printed):	18. Date (m/t/火):	`#.	r Prí	ļ	23. Date	Date (m/d/y):
		JAME	JAMES PETERSON			12/20/03
t is important to understand that the	U	User/Installer Responsibilities	ies			
It is important to understand that the	It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.	not automatically constitute a	uthority to install 1	the part/component/ass	embly.	-
Where the user/installer performs wo Block 1, it is essential that the user/in pecified in Block 1.	Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.	gulations of an airworthiness a less authority accepts parts/cor	uthority different ( nponents/assembli	than the airworthiness a es from the airworthine	uthority of ss authority	the country specified in of the country
Natements in Block 14 and 19 do not he national regulations by the user/ir	Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with he national regulations by the user/installer before the aircraft may be flown.	ı all cases, aircraft maintenano wn.	e records must con	otain an installation ceri	ification iss	sued in accordance with

# N171Z

02-27-2012 Hobbs Time: 3842.8 ACTT: 11,042.0

Removed all wheels, inspected wheel bearings. Checked brake lining and discs, all with in limits. Serviced brakes with 5606 hydraulic fluid. Serviced aircraft battery. Serviced hydraulic power pack with 5606 hydraulic fluid. Tested ELT battery in accordance with FAR 91.207 (D). Battery due replacement: Aug. 2012. Performed retract, all tests satisfactory this date. Checked all NAV lights and beacons, all function properly. Removed inspection panels, inspected, cleaned and lubricated pulleys and rod ends. AD 2006-24-07 To detect unsafe condition that could result in a propeller blade separation from the hub and loss of control of the airplane: N/A; not serviced by Oxford Aviation. AD 2005-14-11 Prevent blade failure that could result in separation of a propeller blade: N/A not serviced by Southern California Propeller Services. AD 94-17-13 Prop hub failure: N/A by serial number of hub. 2004-10-14 Correction- Prevent loosening or failure of the crankshaft gear retaining bolt: PCW 7-30-2003. AD 200314-03 Prevent rotary fuel pump leaks: Checked torque every 50 hours: Checked satisfactory this date. AD 2002-26-01 Prevent failure of fuel injector lines: By inspection, not loose or leaking this date. AD 63-14-03 Oil pump drive shaft: PCW at overhaul. AD 2004-25-16 Prevent failure of the fuel regulator shut off valve: by inspection, visually checked OK this date. AD 96-20-07 Janitrol combustion heaters: 17.8 TT since overhaul. hours . AD 78-05-06 R2 Goodyear fuel cells PCW on 5-17-2004 and Jan. 21. AD 98-08-19 Repair scheme: compliance by check of attached spar straps. AD 94-04-13 Wing structure cracks: PCW next due inspection at ACTT of 11,408.2. Changed bungee cords this date with new part number: 9044. I ceptify that I have inspected this aircraft per Annual inspection.

ustin Williams IA003024563

# N171Z

02-27-2012 Hobbs Time: 3842.8 Left Engine: SMOH: 1436.8 TT: 3001.6 Did not change oil at this time due to not enough time since last oil change. Did not change oil on turbo filter due to not being enough time since last filter change. Compression test: #1: 72/80, #2: 74/80, #3: 74/80, #4: 76/80, #5: 73/80, #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. AD 2011-15-10 To remove certain fuel servos from service: N/A does not apply to this engine. Servo have not been overhauled by AvStar. AD 2011-26-04 To prevent failure of the fuel injector lines: Inspected fuel lines and clamps on both engines this date as per AD. All lines and clamps check satisfactory this date. I certify that I have inspected this engine per Annual inspection and return to service.

Sastin Williams IA003024563

# <u>N171Z</u>

02-27-2012 Hobbs Time: 3842.8 Right Engine: SMOH: 297.2 TT: 1759.6 Did not change oil at this time due to not enough time since last oil change. Did not change oil on turbo filter due to not being enough time since last filter change. Compression test: #1: 74/80, #2: 72/80, #3: 77/80, #4: 69/80, #5: 70/80, #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. Test run engine, no leaks this date. AD 2011-15-10 To remove certain fuel servos from service: N/A does not apply to this engine. Servo have not been overhauled by AvStar. AD 2011-26-04 To prevent failure of the fuel injector lines: Inspected fuel lines and clamps on both engines this date as per AD. All lines and clamps check satisfactory this date. I certify that I have inspected this engine per Annual inspection and return to service.

Justin Williams IA003024563

# N171Z

02-27-2012 Hobbs Time: 3842.8 Left Propeller: SMOH: 318.2

Check spinner and bulk head for cracks, none found this date. Checked for leaks, none found this date. Dressed nicks from propeller. I certify that I have inspected this propeller per Annual inspection and return to service.

Justin Williams IA003024563

# N1712

02-27-2012 Hobbs Time: 3842.8 Right Propeller: SMOH: 318.2

Check spinner and bulk head for cracks, none found this date. Checked for leaks, none found this date. Dressed nicks from propeller. I certify that I have inspected this propeller per Annual inspection and return to service.

Justin Williams IA003024563