#### AIRCRAFT VERIFICATION

Date: November 8, 2011

Make & Model: Cessna 172S

N 6196P

Serial #: 172S10754

Year: 2008

**Total Time Airframe: 2363.5** 

Total Time SMOH Engine: N/A

**Total Time SMOH Propeller:** N/A

**Next Inspection type:** 50 Hour

Due at Tach: 2413.5

**Annual Inspection Due: 5/2012** 

E.L.T. Battery replacement Due: 5/2013

**E.L.T. Check per FAR 91.207 (d) Due:** May 31, 2012

Transponder check Due: 6/2012

Pitot Static System check Due: 6/2012

Altimeter check Due: 6/2012

Fire Extinguisher Visual Inspection Due: November 30, 2011

All AD's complied with through: 2011-22

### **Recurring AD's:**

AD#	SUBJECT	<b>NEXT DUE TACH:</b>
AD84-26-2	Induction Air Filter	2863.5
AD93-5-6	Ignition Switch	3997.4
AD2008-14-7	Fuel Injector Lines	2463.5

All installed equipment has been verified to meet this aircraft manufacturer's currently approved equipment list, FAA approved TCDS, FAA major alteration and repair Form 337, and all items above are certified true and correct.

Kevin Newport AP521138641

EPIC MAINTENANCE ♦ 600 SKYLINE DR. ♦ NEW SMYRNA BEACH, FL 32168 ♦386-428-8715

# Compass Deviation Log Sheet A/C N6/96P

\*Note\*
(Deviation is only valid as long as avionics type and installation setup are unchanged.)

For	N	30	60	Е	120	150
Steer	360	30	600	90	120	151
For	S	210	240	W	300	330
Steer	181	211	741	270	300	330

Date 7/7/08

For	N	30	60	E	120	150
Steer	4 4		¥		8	
For	S ·	210	240	W	300	330
Steer	^				2	

Date\_\_\_\_

For	N	30	60	Е	120	150
Steer					-	*
For	S	210	240	W	300	330
Steer						

Date\_\_\_\_

For	N	30	60	Е	120	150
Steer						
For	S	210	240	W	300	330
Steer						

Date

	9	2.			3. Form Tracking N					
	uthority/Country: UNITED STATES	AUTHORIZED REL			019078					
		FAA FORM 8130-3, AIRW	ORTHINESS APPR	OVAL TAG						
4. Orga	anization Name and Addres  AVSTAR FU	EL SYSTEMS, INC.			<ol><li>Work Order, Cor Number:</li></ol>	ntract, or Invoice				
1365 PARK LANE SOUTH						019078				
	JUPITER FLO	FLORIDA 33458								
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Num	ber: 12. Status/Work:				
1	RSA-5AD1 SERVO FUEL INJECTOR	2576536-2	<b>2576536-2</b> VARIOUS 1ea			Overhauled				
Overhad Manual station	13. REMARKS Overhauled in accordance with FAA approved data from the manufacturer's Component Maintenance Manual (Precision Airmotive Component Maintenance Manual for Model RSA-5AD1 Servo Fuel Injectors, Form No. 15-381G, Change 1, dated 06/01/92). Pertinent details of the overhaul are on file at this repair station under the work order referenced in block 5.  SEE ATTACHED FORM No.: AFS900-F6									
☐ Appro		re manufactured in conformity to: a condition for safe operation. fled in Block 13	Certifies that accomplished	unless otherwis	e specified in Block 13 with Title 14, Code of F	ulation specified in Block 13, the work identified in Block 12 and described in Block 13 was ederal Regulations, part 43 and in respect to that work, the items				
15. Author	orized Signature:	16. Approval Authorization N	lo; 20. Authoriza	` '	21.	Approval/Certificate No: V1RR580Y				
17. Nam	e (Typed or Printed):	18. Date (m/d/y):		yped or Printed):	23.	Date (m/d/y): 4/10/2012				
			User/Inst	taller Respor	sibilities					
Where th essential	e user/installer performs wo that the user/installer ensui ats in Blocks 14 and 19 do r	res that his/her airworthiness au	onal regulations of a thority accepts parts	n airworthiness a /components/ass	uthority different than the	t/component/assembly.  The airworthiness authority of the country specified in Block 1 it is thiness authority of the country specified in Block 1.  The an installation certification issued in accordance with the national				
FAA Form 8	130-3 (6-01)	* Installer must cross check	eligibility with application	cable technical da	nta	NSN:0052-00-012-9005				

9/11/2012

Max On

### **BENDIX RSA-5AD1 COMPLIANCE REPORT**

DOC: AFS900-F6

**REV: 3** 

FEBRUARY 24, 2012

## **AVStar Fuel Systems, Inc.**

FAA Repair Station V1RR580Y

## **BENDIX FUEL SERVO RSA-5AD1**

AD or SB Number	Complied	Method of Compliance	Recurring
SB RS-71	04/10/12	Apply Loctite to stem nut	Overhaul
AD 78-23-10	66	Change center body bellows seal	Overhaul
AD 79-04-05	"	Diaphragm inspection	Overhaul
SB RS-85,86,87,88	u	New fuel diaphragm	Overhaul
AD 83-22-04	и	New fuel diaphragm	Overhaul
AD 77-25-05	56	Pressure sensitivity check	Overhaul
AD 2009-02-03		N/A by P/N, installed 2577258 gasket	Overhaul
AD 2011-15-10 AD 2012-03-06	"	N/A by lot number of diaphragm assembly	No

Part No.

2576536-2

Model No.

RSA-5AD1

Serial No.

70189405

Work Order No. 019078

Technician's Signature:

	oving National Aviation athority/Country:	2.	202	Statement of	3. Form Tracking Number. 019886					
FAA/L	JNITED STATES	AUTHORIZED RELE FAA FORM 8130-3, AIRWOF								
4. Organization Name and Address.  AVSTAR FUEL SYSTEMS, INC.				3	5. Work Order, Contract, or Invoice Number:					
		LANE SOUTH ORIDA 33458		•		019886				
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch N	Number:	12. Status/Work:			
1	FLOW DIVIDER	2576564-1	VARIOUS	1ea	135		Overhauled			
Overhau Dividers	13. REMARKS Overhauled in accordance with FAA approved data from the manufacturer's Component Maintenance Manual (Precision Airmotive Overhaul Manual, Flow Dividers used with RS/RSA Injectors, Form No. 15-540D, dated 12/16/04). Pertinent details of the overhaul are on file at this repair station under the work order referenced in block 5.									
SEE AT	SEE ATTACHED FORM AS # AFS900-F9									
14. Certifie	s the item identified above we	ere manufactured in conformity to:	19. 🛭 14 CFI	R 43.9 Return to	Service  Other	regulation	specified in Block 13			
☐ Approv	ved design data and are in	a condition for safe operation.					work identified in Block 12 and described in Block 13 was			
☐ Non-a	pproved design data spec	ified in Block 13		accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item are approved for return to service.						
15. Autho	orized Signature.	16. Approval Authorization No.	20. Authorized	1 11	21. Approval/Certificate No: V1RR580Y					
17. Name	(Typed or Printed):	18. Date (m/d/y):	22. Name (Ty MARK HEEF	ped or Printed):		23. Date 4/12/20				
			User/Inst	aller Respor	nsibilities					
It is impor	tant to understand that the	e existence of this document alone	does not automatic	ally constitute a	uthority to install the	e part/com	nponent/assembly.			
Where the	e user/installer performs w that the user/installer ensu	orks in accordance with the nation ares that his/her airworthiness author	al regulations of an ority accepts parts/	airworthiness a	authority different that semblies from the air	an the ain	worthiness authority of the country specified in Block 1 it is sauthority of the country specified in Block 1.			
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with national regulation by the user/installer before the aircraft may be flown.							n an installation certification issued in accordance with the			
AA Form 8	130-3 (6-01)	* Installer must cross check e	eligibility with applic	able technical d	ata	NSN	:0052-00-012-9005			

## BENDIX FLOW DIVIDER COMPLIANCE REPORT

DOC: AFS900-F9

REV: 1

November 26,2008

## **AVStar Fuel Systems, Inc.**

FAA Repair Station V1RR580Y

### **BENDIX FLOW DIVIDER**

AD or SB Number	Complied	Method of Compliance	Recurring
AD 75-09-15	4/12/2012	Replace Flow Divider Gasket	Overhaul

Part No.

2576564-1

Model No.

**FLOW DIVIDER** 

Serial No.

135

Work Order No. 019886

Technician's Signature:

mark Hereknance

Approving Natio	nol Aviotion	0			T				
Authoity / (		2 AUTHORIZE	RELEASE C	ERTIFICA	TE	Form Tracking Number			
FAA / Unite		FAA Form 8130-	-3, AIRWORTHINESS	SAPPROVAL	TAG	88363			
4. Organization Na	Pacific Oil Cooler Service, Inc. F.A.A RF3R813L 5.1  1677 Curtiss Court, La Verne, CA 91750								
6. Item 7. Des	cription	8. Part Number 9	. Eligibilty *	0. Quantity 1	1. Serial/Batch Number	12. Status/Work:			
1	OIL COOLER	10877A	N/A	1	3883	OVERHAULED			
13. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. The described work was performed in accordance with Manufacturer's Specification. (See Work Order) No applicable Airworthiness Directives work / status. Certifies that the work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA.145.5554									
14. Certified the it	ems identified above we	ere manufactured in conformity to:	in Block 13 was accor	therwise specifie mplished in accor	ce Uther reg d in Block 13, the work identifier dance with Title 14, Code of Fe are approved for return to servi	ederal Regulations, part 43			
15. Authorized Sign	nature	T6-Approval /Authorization No:	20. Authorized Signature	~h	9	21. Approval/Certificate No RF3R813L			
17. Name (Type or	Print)	18. Date (m/d/y):	22. Name (Type or Print Danny Fernande			23. Date (MMMDDYYYYY):  May-21-2012			
		User / Ins	staller Responsibiliti	es					
It is important that	the existence of the do	cument alone does not automatically constitut	e authority to install the par	t, component, or	assembly above.				
Block 1, it is essent	When the user / installer performs the 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 that user / installer ensures that his/her airworthiness authority accepts parts, components, and or assemblies from the airworthiness authority of the country specified in Block 1.								
		stitute installation certification. In all cases airconfore the aircraft may be flown.	raft maintenance records n	nust contain an in	stallation certification issued in	accordance with the			

FAA Form 8130-3 (12/04) \* Installer must cross-check eligbilty with applicable technical data

NSN: 0052-00-012-9005

	ng National Aviation	2.						3. Form	Tracking Number:	
Autho	rity/Country:	ΔT	THORIZE	DRE	LEASE	CERTI	FICATE			
UNI	TED STATES	AC				APPROVAL TAG	The state of the s	35082		
4. Organiza	tion Name and Address:	•	3x					5. Work	Order/Contract/Invoice	
AFPO ACC	PESSODIES 16152 VAI	EDIO ST V	AN NUVE CALLE 01406	(VD2D204)				Number		
6. Item:	7. Description:	8.	AN NUYS CALIF. 91406  Part Number:		ligibility:*	10. Quantity:	11. Serial/Batch Nun	35082	12. Status/Work:	
O. Item.	7. Description.	- 0.	. Tarervamber.							
1	MAGNETO	43	371	TBV BY INS	INSTALLER 1 09022702			a .	REPAIRED	
13. Remark	s:									
*										
NOTE: THIS	MAGNETO COMPLIES V	VITH SLICK S		VICE MANUAI	L AS PER 500HR. II	NSP.				
S.B. 3-08 N.	A. TEMPEST CARBON B	RUSH INSTA	LLED.							
14. Certifie	es the items identified abo	ove were mar	nufactured in conformity t	:0:	19. 🛭 14 CFR	R 43.9 Return to Sei	rvice	ulation sp	pecified in Block 13	
□ Арр	roved design data and a	re in conditio	on for safe operation.		Certifies th	at unless otherwise	specified in block 13, the	work ide	ntified in Block 12	
□ Non	-approved design data sp	pecified in Bl	ock 13.				accomplished in accordan			
					return to se		and in respect to that work	, the iten	is are approved for	
15. Authori	zed Signature:		16. Approval/Authori	ization No.:	20. Authorized S	Signature	6	21. /	Approval/Certificate No.:	
			XXXXXXXXXXXXX					XB2	R286L	
17. Name (7	Typed or Printed):		18. Date:		22. Name (Typed	d or Printed):		23. 1	Date (m/d/y):	
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXX	XXXXXXXXXXXX	XXXXX	ROBERT M. RU	U <b>MM</b>		MA	Y/17/2012	
		:	7	User/Inst	aller Responsi	ibilities				
It is import	ant to understand that th	ne existence o	of this document alone doe				e part/component/assemb	ly.		
									h	
Where the	user/installer performs w	vork in accor installer ensu	dance with the national re ares that his/her airworthi	egulations of a ness accents n	n airworthiness au	itnority different th ssemblies from the	an the airworthiness auth airworthiness authority of	ority of t f the cour	ne country specified in Block1.	
The state of the s			installation certification. the aircraft may be flown.		ircraft maintenand	ce records must con	tain an installation certifi	cation iss	ued in accordance with the	

	g National Aviation	2.			84	28		3. Form	Tracking Number:
Autho	rity/Country:	AI	UTHORIZE	DRE	LEASE	CERTI	FICATE		x
	TED STATES				WORTHINESS A		1	35081	
4. Organiza	tion Name and Address:						2	5. Work Number	Order/Contract/Invoice
AERO ACO	CESSORIES 16152 VAL	ERIO ST. V	VAN NUYS CALIF. 91406 (	(XB2R286)				35081	•
6. Item:	7. Description:		8. Part Number:	9. El	ligibility:*	10. Quantity:	11. Serial/Batch Num	iber:	12. Status/Work:
1	MAGNETO	4	4371	TBV BY INSTALLER		1	08111376		REPAIRED
13. Remark	s:		•				I		v
									1 2
	INSPECTED, AND TESTE MAGNETO COMPLIES W		RDANCE WITH SLICK SERV	VICE MANUAL	L AS PER 500HR. IN	NSP.			
	A. TEMPEST CARBON BE								
							97		e e
									:
					T				
14. Certifie	s the items identified abo	ve were ma	nufactured in conformity to	):	19. 🛚 14 CFR	43.9 Return to Ser	vice Other regu	ılation sp	ecified in Block 13
□ Арр	roved design data and ar	e in conditi	on for safe operation.		Certifies that	at unless otherwise	specified in block 13, the	work ide	ntified in Block 12
□ Non	-approved design data sp	ecified in B	Rlock 13		and describ	ed in Block 13 was	accomplished in accordan	ce with 7	Title 14, Code of
	approved design data sp	cerrica in E	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Federal Reg		nd in respect to that work	, the item	is are approved for
					P				
15. Authori	zed Signature:		16. Approval/Authoriz		20. Authorized S	ignature		1	approval/Certificate No.:
			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	λλλλλ		8		ABZ	R286L
							And the state of t		
	Typed or Printed):	*/*/*/*/	18. Date:	VVVVV	22. Name (Typed				Date (m/d/y):
λλλλλλλ	XXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXX	XXXXX	ROBERT M. RU			MA	Y/17/2012
***************************************									
User/Installer Responsibilities									
It is importa	ant to understand that th	e existence	of this document alone does	not automat	ically constitute au	thority to install th	e part/component/assembl	у.	
Whore the	scar/installor norforms w	ork in acco	rdance with the national reg	gulations of a	n airwarthinass au	thority different th	on the airworthiness outh	ority of t	ha country specified in
			ures that his/her airworthin						
			3	-	-				
	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.								

1. Approving National Aviation 3. Form Tracking Number: Authority/Country: **AUTHORIZED RELEASE CERTIFICATE** 35083 **UNITED STATES** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: 5. Work Order/Contract/Invoice Number: 35083 AERO ACCESSORIES 16152 VALERIO ST. VAN NUYS CALIF. 91406 (XB2R286L) 6. Item: 7. Status/Work: **Description:** Part Number: Eligibility:\* 10. Quantity: 11. Serial/Batch Number: 12. **ALTERNATOR** 9910591-11RX TBV BY INSTALLER 1 K031260 **OVERHAULED** 13. Remarks: REPAIRED, INSPECTED & TESTED IN ACCORDANCE WITH KELLY AEROSPACE SERVICE MANUAL AS PER OVERHAUL. 14. Certifies the items identified above were manufactured in conformity to: ☐ 14 CFR 43.9 Return to Service Other regulation specified in Block 13 Approved design data and are in condition for safe operation. 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 Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 15. Authorized Signature: 20. Authorized Signature: 21. Approval/Certificate No.: 16. Approval/Authorization No.: XXXXXXXXXXXXXXXXXX XB2R286L 17. Name (Typed or Printed): 18. Date: 22. Name (Typed or Printed): 23. Date (m/d/y): XXXXXXXXXXXXXXXXX ROBERT M. RUMM MAY/17/2012 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the

national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

	ng National Aviation 2	AUTHOR	IZED REL	EASE CER	TIFI	CATE	3 For	rm Tracking Number
		A FROM 8130-3	, AIRWOF	RTHINESS	APF	PROVAL TAG	AA	17281-0000
1	ation / Name and Address					The transfer of the second of the	Contra	act / Invoice Number
Aero Ao	ccessories, Inc. 124	O Springwood A	1		С	17281-0000		
6. Item	7. Descripton	8. Part Number	9. Eligibility	10. Quantity	11.S	erial / Batch Nun	nber	12. Status / Work
1	Dry Air Pump	215CC	N/A	1	172	8104		OVERHAUL
13 Rem	arks OVERHAULED IAW	ONE OF THE FOLLO	NING FAA AF	PROVED PRO	CESS	ES: 203-6-1009, 203	3-6-10	10, 203-6-1011,
203-6-101	12 CERTIFIES THAT THE V	VORK SPECIFIED IN	BLOCKS 12/1	3 WAS CARRIE	D OU	T IAW FAR 145 AND	DINR	ESPECT TO THAT
WC	ORK THE COMPONENT IS	CONSIDERED READY	FOR RELEA	SE TO SERVIC	E FO	R WORK PERFORM	<b>VED</b> U	NDER EASA
	8	ACCEPTANCE CI	ERTIFICATE N	NUMBER EASA	145.5	682		/
		19.		43.9 Return T				
		Cortifica that		gulation Spec		in Block 13 13, the work identif	fi a al : a	black 10 and
						dance with Title 14		
								or return to service.
	49	20. Autho	rized Sign	ature		21. Approva	al/Ce	rtificate No:
	the second second	mi	tureco	my		YV4F	₹688	М
		22. Name	(Typed o	r Printed)		23. Date	(M /	D / Y)
		Mitch	Murphy			09/15	5/201	1
		User / Ins	taller Respon	sibilities				

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part /

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part is component assembly. Where the user i installer 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 i components/ assemblies from the Airworthiness Authority of the country specified in block 1. 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 the national regulations by the user i installer before the aircraft may be flown.

13. REMARKS FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPEC COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/A/W SM 730720 REV.6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOU OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.  END  14. Certifies the items identified above were manufactured in conformity to:  Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13  Certifies that unless otherwise specified in Block 12, the work identified in Block 12 and description in the items are approved for return to service.  15. Authorized Signature:  16. Approval Authorization No:  20. Authorized Signature  21. Approval/Certificate No:  ZY2R362L  17. Name (Typed or Printed):  22. Name (Typed or Printed):  23. Date (MD Y):								
4. Organization Name and Address.  ANTA MONICA PROPELLER SERVICE, INC SANTA MONICA PROPELLER SERVICE, INC SANTA MONICA, CA 90405  6. Item: 7. Description: 8. Part Number: 9. Eligibility.* 10. Quantity: 11. Serial/Batch Number: 12. Status/N  1 MCCAULEY PROPELLER 1A170E/JHA7660 N/A 1 ABK23518A OVERH  13. REMARKS FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPEC  COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/AW SM 730720 REV 6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOU  OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.  END  14. Certifies the items identified above were manufactured in conformity to:   Approved design data and are in a condition for safe operation.   Non-approved design data and are in a condition for safe operation.   Non-approved design data specified in Block 13  15. Authorized Signature:  16. Approval Authorization No:  20. Authorized Signature:  21. Approval/Certificate No: ZY2R362L  22. Name (Typed of Printed);  23. Date (M D Y):	1.Appoving Na	ational Aviation Authority/Country:	2.		-	Form Tracking Number.		
SANTA MONICA, CA 90405  6. Item: 7. Description: 8. Part Number: 9. Eligibility:* 10. Quantity: 11. Serial/Batch Number: 12. Status/V  1 MCCAULEY PROPELLER 1A170E/JHA7660 N/A 1 ABK23518A OVERH  13. REMARKS 17. The serial Properties 1. ALIGNMENT CHECKED, PROPELLER PENETRANT INSPECTION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.  14. Centifies the items identified above were manufactured in conformity to: 19. Length of the regulation specified in Block 13 has accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and that work, the items are approved for return to service.  15. Authorized Signature: 16. Approval Authorization No: 20. Authorized Signature 21. Approval/Certificate No: 272R362L  17. Name (Typed or Printed): 18. Date (m/dy): 22. Name (Typed or Printed): 23. Date (M D Y):	FAA/	UNITED STATES				K28267		
6. Item: 7. Description: 8. Part Number: 9. Eligibility:* 10. Quantity: 11. Serial/Batch Number: 12. StatusAV  1 MCCAULEY PROPELLER 1A170E/JHA7660 N/A 1 ABK23518A OVERH  13. REMARKS FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPEC COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/AW SM 730720 REV.6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOL OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.  END  14. Certifies the items identified above were manufactured in conformity to:    Approved design data and are in a condition for safe operation.   Non-approved design data specified in Block 13   Approved design data specified	SANTA MO 3135 DONA	NICA PROPELLER SERVIC ALD DOUGLAS LOOP SOUT		′2R362L				
13. REMARKS FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPEC COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/A/W SM 730720 REV.6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOU OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.  END  14. Certifies the items identified above were manufactured in conformity to:  Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13  Certifies that unless otherwise specified in Block 12, the work identified in Block 12 and description in the items are approved for return to service.  15. Authorized Signature:  16. Approval Authorization No:  20. Authorized Signature  21. Approval/Certificate No:  ZY2R362L  17. Name (Typed or Printed):  22. Name (Typed or Printed):  23. Date (MD Y):	SANTA MO	NICA, CA 90405			•	82383		
13. REMARKS FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPECT COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/AW SM 730720 REV.6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOLO OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.	6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
FIXED PITCH PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED. ANGLES AND ALIGNMENT CHECKED. PROPELLER PENETRANT INSPECT COMPLIED WITH SB 240E, REFINISHED, ALODINED, PAINTED AND BALANCED I/A/W SM 730720 REV.6. NEXT OVERHAUL DUE AT 2000 FLIGHT HOU OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST. NEXT ACTION DUE AT 1000 HOURS.	1	MCCAULEY PROPELLER	1A170E/JHA7660	N/A	1	ABK23518A	OVERHAULED	
Approved design data and are in a condition for safe operation.  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and description in Successful and the service in Successful and	FIXED PITO COMPLIED	CH PROPELLER ASSEMBLY WITH SB 240E, REFINISHE	D, ALODINED, PAINTED AND BA	LANCED I/A/W SM 7 T. NEXT ACTION DU	30720 REV.6. NEX E AT 1000 HOUR	XT OVERHAUL DUE AT 2000 F S.		
□ Non-approved design data specified in Block 13  13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and that work, the items are approved for return to service.  15. Authorized Signature:  16. Approval Authorization No:  20. Authorized Signature:  21. Approval/Certificate No:  ZY2R362L  23. Date (M D Y):	14. Certifies the	e items identified above were manufacture	ed in conformity to:	19. 14 CFR 4	3.9 Return to Service [	Other regulation specified in Block 13	3	
that work, the items are approved for return to service.  15. Authorized Signature:  16. Approval Authorization No:  20. Authorized Signature:  21. Approval/Certificate No:  ZY2R362L  17. Name (Typed or Printed):  22. Name (Typed or Printed):  23. Date (M D Y):	☐ Approved of	design data and are in a condition for	safe operation.	Certifies that unle	ss otherwise specified	I in Block 13, the work identified in Block 12 and described in Block		
TY2R362L  17. Name (Typed or Printed):  18. Date (m/d/y):  22. Name (Typed or Printed):  23. Date (M D Y):	☐ Non-approv	ved design data specified in Block 13	3				s, part 43 and in respect to	
TY2R362L  17. Name (Typed or Printed):  18. Date (m/d/y):  22. Name (Typed or Printed):  23. Date (M D Y):								
	15. Authorized	d Signature:	16. Approval Authorization No:	20. Authorized Si	gnature: C		ZY2R362L	
1 25.15 1 7.11.25 25 12	17. Name (Ty	ped or Printed):	18. Date (m/d/y):	22. Name (Typed			D Y): IAY 29, 2012	
User/Installer Responsibilities			User/In	staller Responsibili	ties			
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.  Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essentiuser/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.	Where the use	er/installer performs work in accordar	nce with the national regulations of an airwo	rthiness authority different	than the airworthiness	authority of the country specified in Blo	ck 1 it is essential that the	
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 return the user/installer before the aircraft may be flown.			installation certification. In all cases, aircraf	t maintenance records mu	st contain an installatio	n certification issued in accordance wit	h the national regulation by	



## **WORK ORDER**

CUSTOMER TOMS AIC - JEFF

WORK ORDER / INV# 8879A

X			G
Altimet Leak /	ORK RE er / Static / Correlation 5 per attack	Tran Test	spon ]
Pito     Eno     Altin   Oth     St     Not     So   No	RELIMIN of / Static Sy coder / Tran meter Out C erGAA 'S XD :- es SYS S AAMINI ( Discrepance TER/ST	spor of Ca MIN 25 SWV ies N	n Lea nder dibrat U C S S S S S S S S S S S S S S S S S S S
	(TABLE		C
READING	ERROR #1   #2	TOL ±	READ
-1,000	-12 1-10	20	3,0
500	!	20	4.0

GER	DES	AVIA	<b>TION</b>
	SER	<b>VICES</b>	

SERVICES	AIRCRAFT N# 6196P (TACH)HOB	BS 2446	ACTT	2446.0
* OLIVIOLO	MAKE CESSNA MODEL 1725	\$	SN# /72\$/	0754 (2008)
FAA APPROVED REPAIR STATION G3RR399J	OWNER NAME TOM'S AIRCRAFT	- MAIN	TAINC	
WORK REQUESTED	ADDRESS ZG41 E. SPRING			
☑ Altimeter / Static / Transponder ☐ Transponder ☐ Mode S Test				8122 - 908
☐ Leak / Correlation Test ☐ Repair ☐ Retest ☐ Warranty	PHONE 1 3 562-426-5913 PHO	NE 2(8)	562-427	-8236
Part 135 per attached P.O	EMAIL TOM @ TOMSAIRCRAF	T-COM		
#1 #2 PRELIMINARY INSPECTION	#1 #2 TRANSPONDER TESTS (	14 CFR 43	APP. F) (REF	. 91.413)
☐ ☐ Pitot / Static System Leakage / Blockage / Inoperative	☑ Reply freq 1090 ± 3.0 MHz			
☐ Encoder / Transponder - Inoperative / Erroneous Altitude ☐ ☐ Altimeter Out Of Calibration / Friction	<ul><li>✓ ☐ Suppression P2=P1 (Replies 1% or</li><li>✓ ☐ P2 9 DB less than P1 (Replies at lea</li></ul>			
☐ Other Garmin Giono 6PN # 190 - 00384-12	☑ Receiver Sensitivity (MTL) -73 ± 4 (I			
SYS ID: 250 FGC480 CONFIG ID: (7E864666)	☑ ☐ Diff. between mode A & mode C not	more than		
□ Notes SYS SWYER: (0563.26)	☑ LI RF peak output - at least (125 W) no			
II GARMIN GTX-33	☐ Code switches display correct code ☐ ☐ Ident. & light operation	s as selecte	ed	
☑ No Discrepancies Noted	☑ ☐ Mode S Tests 14 CFR 43 APP. F (e	)-(i)		
ALTIMETER/STATIC SYSTEMS TESTS (14 CFR 43 APP. E)		, ,,,		
(TABLE 1) CALIBRATION (FEET) (REF. 91.411)	Static System Leakage Less Than	TEST	RESULTS	
READING ERROR TOLINEARING ERROR TOLINEARING ERROR TOLI	100 ft/min @ 1,000 ft AGL		/ Static Tests	Pass Fail
"1, "2 2	Static Port Heater N/A		#1	
-1,000-12 1-10 20 3,000-23 +5 30 16,000-30 +5 110	(TABLE 2)  ☑ Hysteresis 50%		#2	
-500 20 4,000 30 5 35 18,000 42 430 120	W Hysteresis 40%	Certi	fied to 20,0	000_ft
0-17 0 20 6,000-26 -15 40 20,000 47 +60130	☑ ☑ After Effect	_		D
500-201 O 20 8,000-271-20 60 22,000 140	(TABLE 3)	Irans	sponder Tests #1	
1,000-19 +10 20 10,000-27 -30 80 25,000 155	Friction Test		#2	
1,500-221 O 25 12,000-27 175 90 30,000 180	☑ Case Leak @ 18,000 ft		Mode S Tests	
	☑		#1	<b>d</b> 0
2,000+ 23+10 30 14,000+ 27 + 0 100 35,000+ 205	Altimeter / Encoder Correlation		#2	
CORRECTIVE ACTION TAKEN    NONE	- Not to exceed 125 ft			
DESCRIPTION		QTY	RATE	AMOUNT
			-	
			-	
PARTS USED IT NONE				
PART NUMBER DESCRIPTION		QTY	RATE	AMOUNT
PART NUMBER DESCRIPTION		GIT	RAIL	AMOUNT
			-	
			-	
☑ This aircraft has been tested/repaired in accordance with current	FAA regulations and is approved for return to	o service	TOTAL	
<ul> <li>☑ N/A Work not completed on this date.</li> </ul>	in in the second second is approved for return to	o sei vice.	IOIAL	
☐ Part 91 ☐ Part 135 Data Source / Rev # / Date				
Authorized Signature Busin Gusun	Date 06-19-2012		Form	WO-2009-R1

S	
AVIONICS INSTA	
100 Cessna	
Port Orange 386-49	
CRS G43R643N	WORK ORDER NUMBER
CUSTOMER NAME: HALCYON Chighta	BATE: 6 14-10
77.7	tu Park- PC 32790
DAY PHONE: 478 -8715 8 PIL	Home Phone:
A/C NUMBER: N 6(96 f	A/C MAKE: CESSIAT
A/C MODEL:	A/C S/N: (725/07)
APPLIANCE: / MASSICIAL	H tool
MANUFACTURER'S NAME: OAMOO,	(Carted , Carried C-20074
MODEL#: 6/233, SERIAL#: 8/10/07/7,	467146 20601760
IDENTIFICATION OF ITEM WORKED ON OR WORK REQUESTED	,
THE CL	<i>t</i>
	7
	1 0 1 1
PRELIMINARY INSPECTION: DATE 6-14-1	OU PERFORMED BY: Huy Kulut
HIDDEN DAMAGE INSPECTION: DATE 674-10	OK PERFORMED BY: July Kuhat
DETAILED DESCRIPTION OF WORK PERFORMED	7,419
nettooml IF	L Cent
The ATC Transponder test required by FAR 91.413 was	The Altimeter/Altitude Reporting/Static System Test required
Performed and complies with FAR 43 Appendix F	by FAR 91.411 was performed and complies with FAR 43
	Appendix E
92 DIX	6-14 n
Performed By: Www Kull	Date
Inspected By:	Date 6 - 1 4 - (1)
7	
MAINTENAN	CE RELEASE
THE ITEMS AS IDENTIFIED ABOVE WERE INSICURRENT MAINTENANCE RULES OF THE FEI	
APPROVED FOR RETURN TO SERVICE.	DERAL AVIATION ADMINISTRATION AND IS
( -14 -1)	*
DATE:	
Signer Thursday	

Pertinent details of the repair are on file at this Repair Station.

At no time will an INSPECTION STAMP/SYMBOL be used in the signature block of the maintenance release.

## **ALTIMETER CERTIFICATION TEST FORM**

AVIONICS INSTALLATIONS, INC. 100 CESSNA BLVD, STE 1A PORT ORANGE, FL 32128 (386) 492-7760 CRS G43R643N

# ALTIMETER CERTIFICATION TEST FAA Certified Repair Station

Altimeter #1	P/N	593410-3	S/N	461146	
Altimeter #2	P/N		S/N		WONG 10426
Remote Encoder	P/N	6DC 74A	S/N	20601760	W.O. No. / 0476
Air Data Computer	P/N		S/N		

	Actual Reading	±		±	F	±
Altitude	(1 minute min)	Tol	Friction	Tol	Encoder	Tol
-1.000	-1000	20	-	-	-	
0	-5	20	-	-	-	-
500	500	20	-	-	-	-
1,000	1000	20	15	70		-
1,500	1505	25	-	-	-	-
2,000	2005	30	15	70	2000	125
2,200		-	-	-	2700	125
2,700		-	-		2750	125
3,000	3000	30	20	70	3 000	125
4,000	.3945	35	-	-	-	-
5,000	•	-	15	70	5000	125
6,000	5995	40	20	70	-	_
8,000	7895	60	-	-	8000	125
10,000	9995	80	25	80	-	-
12,000	11975	90	-	-	-	-
14,000	13870	100	-	-	-	-
15,000	-	-	30	90	-	-
16,000	15470	110	3 U	90	16000	125
18,000	17960	120	-	-	-	-
20,000	19960	130	35	100	20000	125
22,000		140	-	-	1 -	_
25,000		155	FA	120	1.0	-
30,000	X	180	V	140	V	-
35,000		205		160		125
40,000		230		180	/-\	-
45,000		255	/ - \	- /	-	
50,000	7	280 /		250		125

Pressure	Alt. Differential	Alt. Reading
(in of HG)	(feet)	Tol ± 25 ft
28.10	-1,727	-1720
28.50	-1,340	-1395
29.00	-863	-550
29.50	-392	-385
29.92	0	-5
30.50	±531	525
30.90	±893	890
30.99	±974	970

(±100 ft max.)	15
Hystersis Test No. 1 (50%) ±75 ft	25
Hystersis Test No. 2 (40%) ±75 ft	20
After Effect Test (+20 ff	10

## TRANSPONDER CERTIFICATION FORM

AVIONICS INSTALLATIONS, INC. 100 CESSNA BLVD, STE 1A PORT ORANGE, FL 32128 (386) 492-7760

Frequency (1090±3MHZ)	W.O.# 10426
Mode-S Check	Make: (AMM (2)
Ident (Seconds) (20-30)	Model <u>C-7 x 3 3</u>
Mode A Codes	SIN 89167677
Mode C Codes	N# 6/96P
(If applicable attach Altimeter Certification Test)	
Sensitivity (90% reply) $\frac{13}{2}$ $\frac{73 \pm 4}{2}$	
(90% reply) (Within one db of previous reading.)	.dbm Mode C
Decoding Mode A OC	
Mode C OK	
Framing	
SLS OLC	
Power 450	watts (125-500)
Correlation in A/C <u>Y &amp; 5</u>	
	\A/ C) #
Frequency (1090±3MHZ)	W.O.#
Mode-S Check	Make:
Mode-S Check	Make:
Mode-S Check	Make:  Model  S/N
Mode-S Check Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes	Make:
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes  (If applicable attach Altimeter Certification Test)	Make:  Model  S/N
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply)	Make:  Model  S/N  N#
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply) (Within one db of previous reading.)  Decoding	Make:  Model  S/N  N#  .dbm Mode A
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply) (Within one db of previous reading.)	Make:  Model  S/N  N#  .dbm Mode A
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply) (Within one db of previous reading.)  Decoding Mode A	Make:  Model  S/N  N#  .dbm Mode A
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply) (Within one db of previous reading.)  Decoding  Mode A  Mode C	Make:  Model  S/N  N#  .dbm Mode A
Mode-S Check  Ident (Seconds) (20-30)  Mode A Codes  Mode C Codes (If applicable attach Altimeter Certification Test)  Sensitivity (90% reply) 73 ± 4  (90% reply) (Within one db of previous reading.)  Decoding  Mode A  Mode C  Framing	Make:  Model  S/N  N#  .dbm Mode A



# Applicable Airworthiness Directives

ID No: 26167

Page No: 1

Model: 172S, S/N: 172S10754, Tail No: N6196P

Date:

08/07/08

AD NUMBER TYPE* SUBJECT	Supersedes AD Number	N/A
ENGINE(s): 10-360-L2A		
PROPELLER(s): 1A170E/JHA	3	
MAGNETO(s): Slick		
84-26-02 R INDUCTION AIR FILTER		
93-05-06 R IGNITION SWITCH		
2001-06-17 NM OVER-RICH MIXTURE CONDITION		
2004-10-14 R LYCOMING ENGINE	91-14-22	
2007-04-19R1 N SUPERIOR CYLINDERS		
2008-02-18 N BALLISTIC RECOVERY SYSTEMS		
2008-08-14 R PRECISION AIRMOTIVE FUEL INJECTORS	2008-06-51	
2008-10-02 NM ALTERNATE STATIC SOURCE VALVE		
2008-14-07 R LYCOMING ENGINE	2002-26-01	
A511-26.64		
	2	
	·	



## AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

3/11/08

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Engine Model No: IO-360-L2A

Engine SN: L-34166-51E

Page 2 of 2

AD NO. /	RV	Description /		Once	Rec	Code	Sign
SB	RV	Method of Compliance	Next Due				
2006-20-09		CRANKSHAFT REPLACEMENT	****				
569	Α	REPLACE CRANKSHAFT	N/A	X		2	
64-16-05		AC FUEL PUMP OIL SEAL					
298	Inactive	NEW CONF. FUEL PUMP INSTALLED	N/A	X		2	
66-06-03		REPLACEMENT OF CONNECTING ROD ASSY.					
302	Α	NEW ROD CONFIGURATION	N/A	X		2	
66-20-04		OIL FILTER ADAPTER GASKET					
307		NEW CONF. GASKET INSTALLED	N/A	X		2	
67-22-06	4	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY					
305	В	NEW OR NEWLY O/H INSTALLED	N/A	Х		2	
78-23-10		BENDIX FUEL INJ. BULLETIN RS-42					
428		NEW P/N INSTALLED	N/A	X		2	
79-04-05		BENDIX FUEL INJ. BULLETIN RS-57					
433	Α	NEW P/N INSTALLED	N/A	Х		2	
87-10-06	R1	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY					
477	Α	NEW CONFIGURATION P/N INST.	N/A	X		2	
90-04-06	R1	PROPELLER GOVERNOR LINE SUPPORT					
488	Α	NEW LINE W/STEEL CON. NUTS INS	N/A	X		2	
92-12-05		LW-14077 PISTON PIN					
501	В	NEW PARTS INSTALLED	N/A	X		2	
93-14-15		INST OF PLCKRD DENOTING OPER. NOT TO EXCEED 33.#HG					
N/A		FIELD COMPLIANCE AFTER STC	N/A	Х		2	
95-07-01		CONNECTING ROD BOLT FAILURE					
N/A		LYCOMING PART INSTALLED	N/A	Χ		2	
95-26-02		ENGINES OPERATED WITH LOW OCTANE FUEL					
398		ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	X		2	
98-17-11		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE					
N/A		MAG/PARTICLE INSP OF C/SHAFT	N/A	X		2	

#### Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable



## AIRFRAME

Company

Serial #

Manufacturer

A/C Cert. Date

CESSNA AIRCRAFT CORP.

Model

172S

6/25/08

172S10754

Tach Time

1864.5

Total Time

1864.5

Tail Number N6196P

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	0	R	Next Comp @ Hrs/Date	Authorized Signature & Number
*01-06-17	AFM - IMPROPER FUEL FLOW	5/16/11	CW by functional check of idle / mixture	+	l x	At idle / mixture	Daniel A. Perna AP584304605IA
04/20/01	SETTINGS/	5/16/11	CVV by functional check of fale / mixture		^	adjustment	Daniel A. Perna AP3843046051A
<b>03-24-13</b> 01/20/04	SUPERSEDED BY AD 2004-15-18/	5/16/11	Superseded by AD 2004-15-18	×		N/A	Daniel A. Perna AP\$94304605IA
<b>04-15-18</b> 09/12/04	AFM, KAP140 AUTOPILOT COMPUTER SOFTWARE/	5/16/11	N/A by S/N	X		N/A	Darlel A. Perna AP594394505IA
<b>05-05-53</b> 03/04/05	REVISED BY AD 2005-05-53 R1/	5/16/11	Revised by AD 2005-05-53 R1	X		N/A	Danjel A. Perna AP594304605IA
<b>05-05-53 R1</b> 03/21/05	FLIGHT CONTROL SYSTEM RIGGING/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna AP594904605IA
<b>05-13-10</b> 08/09/05	MAIN ELECTRICAL POWER JUNCTION BOX CIRCUIT BREAKERS/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna 12594304905IA
<b>06-17-04</b> 09/01/06	SUPERSEDED BY AD 2007-08-03/	5/16/11	Superseded by AD 2007-08-03	X		N/A	Daniel A. Perna AP59/304605/A
<b>07-05-10</b> 04/11/07	CREW SEAT BACK CYLINDER LOCK ASSEMBLY/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna AP594394605IA
<b>07-08-03</b> 05/02/07	ENGINE COMPARTMENT FLEXIBLE FUEL HOSE END FITTINGS/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna AP594304605IA
<b>08-02-18</b> 02/28/08	PARACHUTE SYSTEM PICK-UP COLLAR SUPPORT AND SCREWS/	5/16/11	N/A STC not installed	×		N/A	Daniel A. Perna AP594304605IA
<b>08-03-02</b> 03/06/08	FUEL RETURN LINE TO STEERING TUBE CHAFING/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna AP594204605IA
<b>08-05-09</b> 04/08/08	SEAT BASE/BACK ATTACH BRACKET/	5/16/11	N/A by S/N	×		N/A	Daniel A. Perna AP594304605IA
<b>08-10-02</b> 05/12/08	ALTERNATE STATIC AIR SOURCE SELECTOR VALVE/	5/16/11	N/A by S/N	X		N/A	Daylel A. Perna AP594204605IA
<b>08-26-10</b> 01/05/09	PLACARD, ALTERNATE STATIC AIR SOURCE SELECTOR VALVE ID PLACARD/	6/10/10	PCW by inspection of alternate static valve	X		N/A	Dayriel A. Perna AP594304605IA
<b>*11-06-02</b> 05/26/11	AFM, ELECTRICAL POWER LOSS TO THE FADEC (STC SA01303WI)/	5/16/11	N/A STC not installed		Х	N/A	Dayliel A. Perna A/594304605IA

<sup>\*</sup> indicates possible recurring inspections © 1995 – 2007 - Tdata, Inc. (Tdata.com)

Prepared by

Date

## **ENGINE** – Front

Company

Manufacturer

TEXTRON LYCOMING

Model

IO-360-L2A

Location Serial # Front L-34166-51E TSMOH Total Time

1864.5

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	0	R	Next Comp @ Hrs/Date	Authorized Signature & Number
*04-10-14 C1 06/25/04	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/	5/16/11	N/A no propeller strike or sudden stoppage		X	At propeller strike or sudden stoppage	Daniel A. Perna AP594804605IA
<b>05-19-11</b> 10/21/05	300 HORSEPOWER OR LOWER CRANKSHAFTS/	5/16/11	N/A by model	×		N/A	Daniel A. Perna AP594304605IA
<b>05-26-10</b> 01/31/06	SUPERSEDED BY AD 2006-12-07/	5/16/11	Superseded by AD 2006-12-07	X		N/A	Daniel A. Perna APS 4304605IA
<b>06-06-16</b> 04/27/06	CRANKSHAFT REPLACEMENT/	5/16/11	N/A by model	×		N/A	Daniel A. Perna AP504704605IA
<b>06-10-21</b> 06/22/06	ENGINE COMPONENTS, INC. CONNECTING RODS/	5/16/11	N/A no ECI connecting rods installed	×		N/A	Dayliel A. Perna AP594304605IA
<b>06-12-07</b> 07/11/06	ENGINE COMPONENTS, INC. P/N AEL65102 "CLASSIC CAST" CYLINDERS/	5/16/11	N/A no ECI cylinders installed	X		N/A	Daniel A. Perna/AP594804605IA
<b>06-20-09</b> 11/03/06	CRANKSHAFT RETIREMENT/	5/16/11	N/A by model	×		N/A	Deniel A. Perna AP594304605IA
<b>07-04-19</b> 03/12/07	REVISED BY AD 2007-04-19 R1/	5/16/11	Revised by AD 2007-04-19 R1	×		N/A	Daniel A. Perna AP594304605IA
<b>07-04-19 R1</b> 05/07/07	SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/	5/16/11	N/A no Superior Air Parts Inc. cylinders installed	×		N/A	Daniel A. Perria AP 394004605IA
<b>*08-14-07</b> 08/14/08	EXTERNAL FUEL INJECTION LINES/	5/16/11	CW by visual inspection of fuel injection lines		X	Tach: 1964.5	Daniel A. Perna, AP594104605IA
<b>*08-19-05</b> 10/20/08	SUPERSEDED BY AD 2009-26-12/	5/16/11	Superseded by AD 2009-26-12		X	N/A	Daniel A. Perna AP904304605IA
<b>*09-26-12</b> 02/04/10	ENGINE COMPONENTS, INC. P/N AEL65102 "TITAN" CYLINDERS/	5/16/11	N/A no ECI cylinders installed		X	N/A	Daniel A. Pernal AP594304605IA

repared by DateS/1 Co/11

<sup>\*</sup> indicates possible recurring inspections © 1995 – 2007 - Tdata, Inc. (Tdata.com)

### **PROPELLER** - Front

Company

Manufacturer

MCCAULEY INDUSTRIAL CORP.

Model

1A170E/JHA7660

Location Tail #

Front N6196P Blade TSMOH

Serial #

ABK23518A

**Total Time** 

1864.5

Tail Number N6196P

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	0	R	Next Comp @ Hrs/Date	Authorized Signature & Number
<b>03-13-17</b> 07/18/03	MAINTENANCE REPAIR BY T AND W PROPELLERS, INC./	5/16/11	N/A no work performed by T&W Propellers	X		N/A	Daniel A. Perna AP594304605IA
<b>05-14-11</b> 08/17/05	MAINTENANCE AND REPAIR BY SOUTHERN CALIFORNIA PROPELLER SERVICE/	5/16/11	N/A no work performed by Southern California Propeller Service	X		N/A	Daniel A. Perna AP594301605IA

n) Prepar

Date 5/19/1

## **APPLIANCES**

Company Tail #

N6196P

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	0	R	Next Comp @ Hrs/Date	Authorized Signature & Number
<b>*84-26-02</b> 01/29/85	PAPER INDUCTION AIR FILTERS/	5/16/11	CW by replacement of filter		Х	Tach: 2364.5	Daniel A. Perna AR594304005IA
<b>*93-05-06</b> 04/29/93	IGNITION SWITCHES/	5/16/11	Installed new at factory		Х		Daniel A. Perna/AP594304605IA
<b>*09-02-03</b> 02/09/09	FUEL INJECTOR SERVO PLUG AND GASKET/	6/10/10	PCW by inspection of hex plug for letter "G" stamped on face of plug		Х	N/A	Dadiel A. Perna AP594304605IA

Date 5/14/11

Prepared by



### AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

3/11/08

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Engine Model No: IO-360-L2A

Engine SN: L-34166-51E

Page 1 of 2

	L	Lingine Model No. 10-300-LZA	Engine on. E-34100-31E				
AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2002-26-01		FUEL LINE AND SUPPORT CLAMP INSPECTION & INSTALL.	400 1101170		· · ·	_	(2)
342	E	NEW LINES INST. WITH NEW CLAMP	100 HOURS	***************************************	X	1	6
2004-10-14		CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES	A1/A	V			(2)
475	С	NEW P/N INSTALLED	N/A	X		1	W
2005-19-11		Crankshaft replacement	A1/A	, V			(2)
566		Replace Crankshaft	N/A	X		7	W
71-05-02		INSPECTION OF CENTER MAIN BEARING					(3)
327	С	NEW INSTALLED	N/A	X		1	W
71-11-02		REPLACEMENT OF EXH & INT HYD TAPPET PLUNGERS					(3)
328		NEW P/N HYD TAPPETS INSTALLED	N/A	X		1	W
73-23-01		INSP FOR CRACKS IN PISTON PINS					(2)
367	F	INST NEW PARTS	N/A	X		1	W
75-09-15		BENDIX FUEL INJ RS-43 INSP OF MOD OF FLOW DIVIDERS					
382		NEW P/N GASKET INSTALLED	N/A	X		1	W
93-11-11		AC, TEXTRON LYC FUEL PUMP O/H BY AERO ACCESSORIES					
N/A		NEW AC F/P INST. WHEN APPLIC.	N/A	X		1	(3)
94-01-03	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS					
N/A		NEW CONFIGURATION PART INST.	N/A	Х		1	W
94-06-09		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS					
517		NEW CONF. CAPACITORS INSTALLED	N/A	Х		1	W
96-09-10		REPLACEMENT OF OIL PUMP IMPELLERS					
524		STEEL IMPELLERS INSTALLED	N/A	X		1	(4)
96-23-03		HIGH PRESSURE FUEL PUMP INSTALLED LW-15473					
525	Α	NEWLY MANUFACTURED PUMPS INST.	N/A	Х		1	(U)
97-15-11		RECALL OF PISTON PIN PIN LW-14077					
527	С	NEW CONFIGURATION P/N INST.	N/A	X		1	(3)
98-02-08		INSPECTION OF CRANKSHAFT ID FOR CORROSION					
530	Α	MAG INSP./APPLY URETHABOND 104	N/A	X		1	(3)
2002-12-07	21.00.201746.00	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT		177.5676.000			
543	В	NEW P/N CONVERTER PLATE INSTALLED	N/A	X		2	
2003-14-03		ROTARY FUEL PUMP TORQUE.					
529	В	NEW PUMP WITH "/M" SUFFIX INSTALLED	N/A		X	2	
2006-06-16		Replace crankshaft					
566 Sup 1		Crankshaft replaced	N/A	×		2	

#### Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable



90	ΙN	wethou of comphance			
2006-20-09 569	А	CRANKSHAFT REPLACEMENT REPLACE CRANKSHAFT	N/A	×	2
64-16-05 298	Inactive	AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	Х	2
66-06-03 302	Α	REPLACEMENT OF CONNECTING ROD ASSY. NEW ROD CONFIGURATION	N/A	Х	2
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A	Χ	2
67-22-06 305	4 B	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY NEW OR NEWLY O/H INSTALLED	N/A	Х	2
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A	Х	2
79-04-05 433	Α	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A	X	2
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A	Х	2
90-04-06 488	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A	X	2
92-12-05 501	В	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A	Х	2
93-14-15 N/A		INST OF PLCKRD DENOTING OPER. NOT TO EXCEED 33.#HG FIELD COMPLIANCE AFTER STC	N/A	X	2
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X	2
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	Х	2
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A	Х	2

#### Codes

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable

