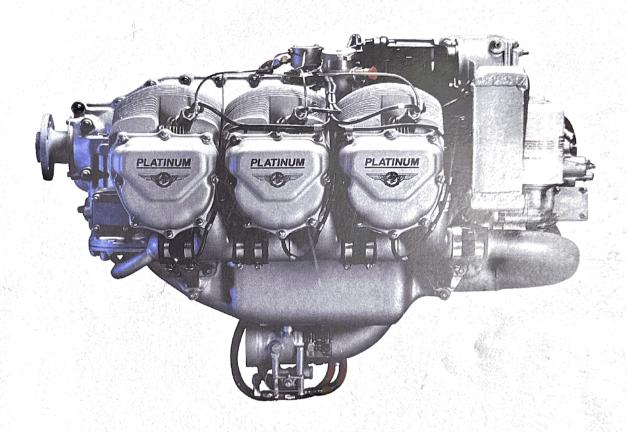
PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.

rinted: 01/31/2007

This engine model. 10550N46. Serial No. 690812 was manufactured on 01/28/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors 2039 South Broad Street Mobile, AL 36615 Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins DATE: 4/24/2007 A/C TSN: 14.3 ENG TT 14.3 HOBBS: 14.3 ENGINE MODEL Cirrus Design Factory Service Center IO-550-N (46) ENGINE S/N. 690812 REG NO 950SE Repair Station No. YD5R855Y 4515 Taylor Cacle Duluth, MN 55811 Phone: 218- 788-3101 WORK ORDER: 8775-04-2007 **Engine Entries** (2) Installed turbonormalizing equipment in accordance with Engine Technologies, Inc. Master Drawing List number ETi-G2-1 Rev. A, dated November 8, 2006, (Kit P/N: KIT-SR22-1, S/N: 2120), on Teledyne Continental Motors IO-550-N Serial Number 690812 IAW STC # SE10589SC See FAA form 337 signed and dated 24 APR 2007 (28) Installed L/H Magneto P/N 10-500556-101, S/N D07AA082 IAW TCM IO-550 Maintenance Manual X30634A, Chapter 12. (29) Installed R/H Magneto P/N 10-500556-101, S/N D07AA082 IAW TCM IO-550 Maintenance Manual X30634A, Chapter 12. (29) Installed R/H Magneto P/N 10-500556-101, S/N D07AA109 IAW TCM IO-550 Maintenance Manual X30634A, Chapter 12. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service Perturn details of repair are on file at this Certified Repair Station CRS DATE: 4/24/2007 Work Order 8775-04-2007 Ross Sarkela Printed by EBis 3 (datcomedia.com) Certified Repair Station No. YD5R855Y Date: 5/00/07 Changed filter CH 48108-1 Eng TT: 24.7 Reg. No: 15W-50 Changed oil using Aeroshell 100 W50 Signed: ENGINE MODEL: ENGINE S/N: 690812 Troutdale Aircraft Services, Inc. DATE: 9/26/2007 A/C TSN: 52.7 ENG TT: 27 HOBBS: 52.7 Repair Station No. T9ZR725Y REG. NO: 950SE WORK ORDER: 3394 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-666-3838 **Engine Entries** Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108 -1 filter and safety wired. Engine was washed, ran and checked for leaks and OK. Removed, cleaned, inspected, gaped,tested. Reinstalled all spark plugs & toqued. Performed Bore scope inspection of number 6 cylinder Installed new spark plug in number 6 cylinder top position. The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K, Kenney DATE: 9/26/2007 Work Order: 3394 Scott Kenney Certified Repair Station No. T9ZR725Y Printed by EBis 3 (datcomedia.com)

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	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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REG. NO: 950SE		Repair Sta 1250 NW F Troutdale	ition No. T9ZR Perimeter Way OR 97060	725Y	DATE 3/31/2008
Engine Entries					The second secon
return to service. C	ii was cha	nged using	eight quarts	of Aeroshell 1	in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for 00w. The filter was removed, inspected and OK. Installed new CH48108-1 filter and safetied. A ng 80lbs as standard.A1=74,A2=77,A3=74,A4=76,A5=77,A6=76.
C/W MSB 94-8C N	Magneto to	engine timir	ng. Date of re	evision 4-27-0	77.
C/W SB03-3 Differ	rential Pres	sure test ar	nd bore scop	e inspection (procedures for cylinders.
C/W SB 643 B Ma	intenance i	intervals for	TCM and Be	endix Magnet	oes,
C/W SB 95-2 Lubr	ication of e	engine contr	rols after was	shing engine.	Recurring each 100 / Annual inspection or after washing engine.
C/W SID 05-7 Pos	sitioned tun	ned fuel injec	ction nozzles	Due each ar	nual or 300 hours.
C/W SID 97-3D d	ated 11-02	-07 Proced	ures and spe	cifications for	the adjustment of TCM continuous flow fuel injection systems.
monitoring - Cyline examination - Cov	der boresc	ope inspect	tion - Oil cons	sumption tren	biy to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend dimonitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight
	r cover scr	ews.			
			d installed st	and off betwe	en ignition hamess and engine breather line to prevent chafing
					e description of the second of
					dance with current Federal Avision Regulations. Pertinent details are on file at this repair station under the
DATE: 3/31/2008			SIGNED:	Day.	Work Order 3574
			Scott Kenne Certified Rep	y pair Station No.	T9ZR725Y Printed by EBis 3 (dalcomedia com)
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	1	1	1	1	DATE 10/24/2008
ENGINE S/N 6 REG NO 9500	90812 SE	Repa 1250 Trou	air Station No. 1 NW Perimeter tdale, OR 9706	T9ZR725Y Way 0	Ces, Inc. A/C TSN. 105 8 ENG TT 80 1 HOBBS 105 8
Engine Ent	ries	hall 100M/	Filter was re	moved cut if	espected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for
leaks and OK	to .				
TCM - C/W S	B 95-2 Lub	rication of e	ngine control	s after washir	g engine. Recurring each 100 / Annual inspection or after washing engine.
The aircraft an above work or	d or compor ser number.	nents identific Chief Insper	ed above were ctor Scott K. K	repaired in accenney	cordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the
DATE: 10/24/	2008	·	SIGNED	_>_	Work Order 3870
					Printed by EBIs 3 (datcomedia.com)
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		1			
			+		
	ENGINE S/N 690812 REG NO 950SE WORK ORDER 3574 Engine Entries I certify that this Entertum to service Compression check C/W MSB 94-8C N C/W SB03-3 Differ C/W SB 643 B Ma C/W SB 95-2 Lubic C/W SID 97-3D di C/W SID 97-3D di C/W SID 97-3D di C/W SID 97-2B T monitoring - Cylin examination - Cov test. Re-torqued rocke Chafe protected si Repositioned, sec Cleaned corrosion The aircraft and or above work order in DATE: 3/31/2008 ENGINE MODE ENGINE S/N 6 REG NO 950S WORK ORDER Engine Entries Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID The aircraft and or above work order in Changed oil uleaks and OK TCM - C/W SID	ENGINE SIN 690812 REG NO 950SE WORK ORDER 3574 Engine Entries I certify that this Engine has be return to service. Oil was cha compression check was perfective to the compression check was perfective. Oil was characteristic to the compression check was perfective. Oil was characteristic to the compression check was perfective. Was 94-8C Magneto to CAW SB 93-3 Differential Pressor. Oil was characteristic to the compression of	ENGINE SIN 690812 REG NO 950SE WORK ORDER 3574 Repair Sta 1250 NW. Troutdale. Phone 50 Engine Entries I certify that this Engine has been inspect return to service. Oil was changed using compression check was performed this of C/W MSB 94-8C Magneto to engine timic C/W SB03-3 Differential Pressure test at C/W SB 643 B Maintenance intervals for C/W SID 95-2 Lubrication of engine control C/W SID 95-3D dated 11-02-07 Proced C/W SID 97-3D dated 11-02-07 Proced C	ENGINE S/N 690812 REG NO 950SE WORK ORDER 3574 Repair Station No T9ZR: 1250 NW Perimeter Way Troutdale. OR 97080 Phone: 503-868-3838 Engine Entries I certify that this Engine has been inspected for a 1001 return to service. Oil was changed using eight quarts: compression check was performed this date and are: C/W MSB 94-8C Magneto to engine timing. Date of recompression check was performed this date and are: C/W SB03-3 Differential Pressure test and bore scope C/W SB 643 B Maintenance intervals for TCM and Brown SB 95-2 Lubrication of engine controls after was: C/W SID 05-7 Positioned tuned fuel injection nozzles: C/W SID 97-3D dated 11-02-07 Procedures and specific SID 97-3D dated 11-02-07 Procedures and specific SID 97-2B Top care compliance information. Remonitoring - Cylinder borescope inspection - Oil consexamination - Cowling Inspection and cowliftap operatest. Re-torqued rocker cover screws. Chafe protected #2 fuel injection line and installed st. Repositioned, secured and protected #4 ign. lead. Cleaned corrosion off of #6 spark plug ignition lead. The arcraft and or components identified above were reabove work order number. Chief Inspector Scott K. Ken DATE: 3/31/2008 Engine Entries Changed oil using Aeroshell 100W. Filter was retieds and OK. TCM - C/W SB 95-2 Lubrication of engine control. The aircraft and or components identified above were above work order number. Chief Inspector Scott K. Recomponents and control of engine control. The aircraft and or components identified above were above work order number. Chief Inspector Scott K. Recomponents and of engine control. The aircraft and or components identified above were above work order number. Chief Inspector Scott K. Recomponents identified above were above work order number. Chief Inspector Scott K. Recomponents identified above were above work order number. Chief Inspector Scott K. Recomponents identified above were above work order number. Chief Inspector Scott K. Recomponents identified above were above work order number. Chief Ins	ENGINE SIN 690812 REG NO 950SE WORK ORDER 3574 Repair Station No T92R725Y 1250 NW Perimeter Way Troutdate OR 970S Phone 503-866-3838 Engine Entries certify that this Engine has been inspected for a 100hr inspection in return to service. Oil was changed using eight quarts of Aeroshell 1. compression check was performed this date and are as follows using eight quarts of Aeroshell 1. C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-0. C/W SB03-3 Differential Pressure test and bore scope inspection in compression. See the process of the complete timing of the process of the complete controls after washing engine. C/W SB 643 B Maintenance intervals for TCM and Bendix Magnete. C/W SB 95-2 Lubrication of engine controls after washing engine. C/W SID 97-3D dated 11-02-07 Procedures and specifications for C/W SID 97-3D dated 11-02-07 Procedures and specifications for C/W SID 97-2B Top care compliance information. Required annual monitoring - Cylinder borescope inspection - Oil consumption trenexamination - Cowling Inspection and cowliftap operational check test. Re-torqued rocker cover screws. Chafe protected #2 fuel injection line and installed stand off between test process of the complete control off of #6 spark plug ignition lead. The arcraft and or components identified above were repaired in accordance work order number. Chief Inspector Scott K. Kenney. Certified Repair Station No. TOM - C/W SB 95-2 Lubrication of engine controls after washing above work order number. Chief Inspector Scott K. Kenney. The aircraft and or components identified above were repaired in acabove work order number. Chief Inspector Scott K. Kenney. The aircraft and or components identified above were repaired in acabove work order number. Chief Inspector Scott K. Kenney.

cord DATE: 4/24/2009 A/C TSN: 138 5 ENG TT 110 8 HOBBS: 136 5 ENGINE MODEL. IO-550N Troutdale Aircraft Services, Inc. ENGINE S/N: 690812 Repair Station No. T9ZR725Y REG. NO: 950SE WORK ORDER: 4016 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838 Engine Entries 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07 TCM - C/W SB03-3 Differential Pressure test and bore scripe inspection procedures for cylinders. TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes. TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine. Removed GAMI fuel nozzles, cleaned and reinstalled. TCM - C/W SB 96-12 Continued Airworthines Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains. TCM - C/W SID 97-3E dated 6-17-08 Procedures and specifications for the adjustment of TCM continuouse flow fuel injection systems. TCM - C/W SID 97-28 Top care compliance information. Required annualy to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Cowling Inspection and cowl flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight Replaced valve cover gasket on #4 cylinder Push rod seal replaced on cylinder #4 intake with new. Replaced push rod tube seal on Cyl #2, exhaust side Leaked check and O.k. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K, Ke DATE: 4/24/2009 SIGNED: Work Order: 4016 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. T9ZR725Y DATE: 10/6/2009 . A/C TSN: 156.6 ENG TT: 130.9 ENGINE MODEL, IO-550N Troutdale Aircraft Services, Inc. ENGINE S/N 690812 REG NO 950SE WORK ORDER: 4292 Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838 HOBBS: 156.6 Engine Entries Changed oil using Aeroshell 100 W . Filter was removed, cut, inspected and OK. Installed CH48108 filter and safety wired. Engine was washed, ran and I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 10/6/2009 SIGNED: Work Order 4292 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. T9ZR725Y

Date	Total	Time	1	Since Overhaul	Engine Service and Maintenance Recor	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins	ns,
ought Forward	-	→			*	
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ENGINE MODEL 10- ENGINE S/N: 690812			le Aircraft	t Services,	Inc. DATE. 5/5/2010 A/C TSN 181 5	
REG NO: 950SE WORK ORDER: 4486		1250 NW P	erimeter Way		ENG TT 161.5 HOBBS: 161.5	
1		Phone: 503-	OR 97060 USA -665-3838			-
Engine Entries						-
					cted for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix Digged using Aero Shell 100 W50. The filter was removed, inspected and OK, installed new filter and	
					nd are as follows using 80lbs as standard 1) 74 2) 72 3) 72 4) 72 5) 74 6) 77	
5 TCM - CA	V MSB 94-81	D Magneto	to engine tim	ning. Date of r	revision 2-17-10.	
6 TCM - CA	V SB03-3 Di	ifferential Pr	ressure test a	and bore scop	be inspection procedures for cylinders.	-
_					endix Magnetos	
B TCM - CA	V SB 95-2 Li	ubrication o	f engine con	trois after was	shing engine. Recurring each 100 / Annual inspection or after washing engine.	
9 TCM - CA	V SID 05-7 F	Positioned to	uned fuel inje	ction nozzles	due each annual or 300 hours.	
- Not applic	able. GAMI	nozzies ins	talled.			-
10 TCM - CA	V SB 96-12 (Continued A	Airworthiness	Instructions f	for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains	
11 TCM - CA	V SID 97-3e	dated 6-17	-08 Procedu	res and specif	fications for the adjustment of TCM continuous flow fuel injection systems.	
12 TCM - CA	V SID 97-2B	Top care o	ompliance in	formation. Re	equired annually to comply with TCM top care cylinder warranty. Cylinder Differential compression	
check and Induction	rrend monito system exam	onng - Cylin nination - Co	der borescop wing inspec	pe inspection tion and cowl	Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy	
of engine	gages - Fligh	it test.				
13 TCM - CA	V SB 08-3 In	duction sys	tem hose an	d clamp instal	llation, to include the intercooler hose connections. Torqued induction tube clamps to 34 in lbs.	
I certify that this Airc	raft and or con	mponents id	entified above	were repaired	in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station	14
- under the above wor	A OLUCI HUMBI	ei. Civei int	peciui scott	, remisely	02 1/1/	
DATE: 5/5/2010		-	GNED:	Du	Work Order 4488	
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0.0		ENGINE MODEL IO-550N ENGINE S/N: 650812 Reg NO 950SE Repair Station No. T9ZR725Y DATE: 6/8/2011 A/C TSN: 176 A/C TSN: 176	' d 15,
9	Brou	WORK ORDER: 4775 1250 NW Perimeter Way Troutdale, OR 97050 USA Phone: 503-686-3838 ENG TT: 178 HOBBS: 176	
1		Engine Entries	
		100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard:	
Ì		TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07.	
1			
		6 TCM - C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders.	
		7 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes.	
ł		8 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.	
ļ		10 TCM - C/W SB 96-12 Continued Airworthines Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains.	
1		11 TCM - C/W SID 97-3C dated 2-28-05 Procedures and specifications for the adjustment of TCM continuouse flow fuel injection systems.	
ł		13 TCM - C/W SB 08-3 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.	
ŀ		I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney	
ļ			
		DATE: 6/6/2011 SIGNED: Work Order 4775	
Ì		Scott Kenney Certified Repair Station No. T9ZR725Y Printed by EBis 3 (datcomedia.com)	
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ENGINE MODEL. IO-550N ENGINE S/N 690812 REG. NO 950SE WORK ORDER: 5028

Troutdale Aircraft Services, Inc.

1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-666-3838

DATE: 7/23/2012 A/C TSN: 186.6 ENG TT: 186.6 TSMOH: HOBBS: 186.6

Engine Entries

100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard.A1 75 A2:75 A3:72 A4:70 A5:74 A6:74

DATE 7/23/2012	SIGNED:	Sulf	K-
	Scott Kenney,	IA 543760444 IA	

Work Order: 5028

Printed by EBis 3 (datcomedia.com)

	Total Time		1	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		→			
7777 NI Portland FAA CR		97218	•		FLIGHTCRAFT
Log Ent			gine /189.0	Reg#:	N542PF Model: TCM IO-550-N46 S/N: 690812
_			ing inspec	tions:	
		erformed		aions.	
da D do en	nted 5-31 rained er bris, nor ngine, no	-11 as a ngine oil ne found leaks or	guide. Co and remo . Install ne defects no	mpression wed filter. ' w filter P/ oted.	AR Part 43, Appendix D using Cirrus SR22 Scheduled Inspection Report AMM 5-20 check as follows: #1) 60/80, #2) 65/80, #3) 64/80, #4) 42/80, #5) 64/80 & #6) 62/80. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal N CH48108-1. Serviced engine with 8 quarts of Aeroshell 15W/50 oil. Ran up
	omplied 160004, 1		mado Alle	y Turbo, I	nc. annual inspection I/A/W Tornado Alley Continued Airworthiness Manual #22-
			r nozzles a	nnual ICA	inspection complied with I/A/W GAMI document# IP-2001-02.
Complie	d with th	he follow	ving Airwo	rthiness L	Directives and Service Bulletins:
		erformed			- 1 1
K	esearche	d airwor	thiness dir	ective thro	ough bi weekly issue 2013-13, none applicable at this time.
Followin	ng repai	rs accon	ıplished:		
Sqk 2.16 F		Performe		Class	r P/N 04-670001 I/A.W. Cirrus MM Ch. 74-10
inspecte conditio	d in acco	ordance verspect to	with FAR	Part 43, Apperformed.	are on file at this agency under W.O. #: PDX-13-928. I certify that this engine has been pendix D, current federal aviation regulations and was determined to be in airworthy END. Date: 10/09/13 Joe Korick CRS# FCPR831D
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American state of the state of	4	Aizer	APT	, ,,,	194.2 ENG TV 194.7
4-2-201					194,2 ENG TY 194.2 DUED FOR THE PECTION + SENT
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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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Manufacturer Continental Model Number IO-550-N46B

Date 29 Aug 2014 Total Time 194.2

WO Number 12948

Serial Number

690812

The following work was performed as requested by the owner/operator: This engine was disassembled and inspected due to a propeller strike: The camshaft was repaired by Aircraft Specialties Services, Inc., RS DD2R764K, WO 226112, 24 Jul 2014. Installed new hydraulic lifters. Honed the barrels and fit new rings. Repaired the starter adapter to .015 specifications. Installed a new starter. Installed a new 656991 Revision C crankshaft gear See following list of parts installed. Assembled engine. Work was done in accordance with Continental Manual M16, Change 0, dated 31 Aug. 2011. Engine was run on a test stand.

Accessories

Model Number Part Number Serial Number Condition Description S6RSC-25P 10-500556-101 D07AA082 Magneto Inspected - no damage noted. S6RSC-25P 10-500556-101 D07AA109 Magneto Inspected - no damage noted.

Starter C24ST5 4C5-201405 0.0 hours since new. Service Information Service Bulletin Subject Compliance SB96-7C Torque limits Used the correct torque limits. SID97-4E

Piston and rings specs. Correctly fit the pistons and rings. SB00-3A Crank, ctw's & rods Inspected the crankshaft, counterweights and connecting rods

MSB94-8D Magneto timing Correctly timed the magnetos to the engine. MSB96-10A Ultrasound inspection The crankshaft was ultrasound inspected.

SB13-6A Crankshaft gear Installed a new 656991 Revision C gear.

SB97-6B Mandatory replacement Replaced all parts specified in this Service Bulletin applicable to the scope of work performed.

SIL99-2B Sealants & lubricants The correct sealants, lubricants, and adhesives were used during assembly.

Airworthiness Directives

Engine

AD Note	Amend #	Dated	R	Subject	Compliance
2010-11-04	39-16309	06/16/2010	Ν	Hydraulic lifters	Not applicable by part number. Did not install affected part
					number lifters in accordance with paragraph (i).
2012-10-13	39-17062	06/08/2012	Ν	Starter adapter failure	Inspected in accordance with paragraph (c). Not applicable
					by starter adapter part number.
2014-05-29	39-17801	04/25/2014	Y	Superior cylinders	Inspected in accordance with paragraph (c). Not applicable.
					No Superior cylinders are installed.

AD Note requires no further inspection.

Fuel Injection

2012-03-06 39-16947 02/24/2012 N Servo diaphragm

Inspected in accordance with paragraphs (c) & (f) . Not applicable. Fuel injection has not been serviced since it left Continental.

No other work, inspection or determination of airworthiness was accomplished at this time.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 12948.

Date: 29 Aug 2014 Signed

Inspector for Premier Aircraft RS JZYR537L.

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List of Parts Installed for Work Order No.: 12948

Qty	Part Number	Description	Qty	Part Number	Description
10.0	10-157158	Screw	1.0	646592A2	Main Bearing Set
8.0	10-157160	Screw	6.0	646605	Nut
2.0	10-163374	Felt Strip	1.0	646798A2	Gasket Set
2.0	10-357520	Gasket	4.0	649205	Bolt
2.0	10-357532	Gasket	1,0	653359	Fuel Pump Drive Coupling
2.0	10-357533	Gasket	12 0	654490	Rod Nut
2.0	10-50752	Felt Washer	4.0	654587- 44	Bolt
6.0	24764	Stud	4.0	655269	Rubber Magneto Drive Bushii
8.0	350998	Crankshaft Bushing	12.0	655958	Rod Bolt
1.0	501867	Lock Tab	2.0	AS3578-016	O Ring
24.0	501868	Lock Tab	1.0	CH48108-1	Oil Filter
1.0	536563	Dowel Pin	12.0	M674	Spark Plug Washer
16.0	629104	Snap Ring	2.0	MS16624-2037	Snap Ring
1.0	630899	Bearing	24 0	MS20500-428	Nut
12.0	630979-9	O Ring	1.0	MS9970-116	O Ring
.6.0	633958-2	Seal	1.0	MS9970-117	O Ring
6.0	633958-3	Seal	2.0	NAS1805-4	Lock Nut
3.0	633958-5	Seal	60	SA536379	Crankshaft Bolt
16.0	639193	Counterweight Bushing	1.0	SA630916	Gasket
6.0	640612	Rubber Washer	6.0	X1473	Washer
1:0	641250	Crankshaft Seal	6.0	658077	Hydraulic Lifter
2.0	641909	Lock Plate	6.0	658088	Hydraulic Lifter
12.0	642398	Rod Bearing	6.0	654716P005	Ring Set
1:0	642892	Gasket	1.0	C24ST5	Starter
2.0	643626-103	Counterweight Pin			S/N 4C5-201405
2.0	643626-104	Counterweight Pin	1.0	S539800M015	Starter Adapter Clutch Spring
4.0	643626-105	Counterweight Pin	1.0	656991	Crankshaft Gear
16.0	643629	Counterweight Plate		, , ,	

ENGINE MODEL 10-550N ENGINE S/N: 690812 REG NO 950SE WORK ORDER: 5170

Troutdale Aircraft Services, Inc.

1250 NW Perimeter Way Troutdale, OR 97060 Phone, 503-666-3838

DATE 9/4/2014 A/C TSN: 194 2 ENG TT: 194 2 TSMOH HOBBS: 194 2

Engine Entries

- Removed engine and sent to Premier Aircraft for prop strike inspection. Installed engine after return IAW AMM. Ops checked and found OK.
- 100 hour Engine I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.

items listed above have been inspected and or repaired in accordance with current federal availation regulations and were found OK for return to service. See actual work order for any discrepancies.

DATE: 9/4/2014

> www SIGNED:

Work Order: 5170

Scott Kenney, IA: 543760444 IA

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL. 10-550-N468 ENGINE S/N 660812 REG. NO: N9509E WORK ORDER. 8932



DATE: 4/6/2015 A/C TSN: 204.1 ENG TT: 204.1

Engine Entries

Performed a technical appraisal inspection of the aircraft, propeter and engine. Engine compression tested per TCM SB 03-3, results: #1 75, #2 71, #3 72, #4 68, #5 66, #6 75/60 metered ornice reading of 46 PSI.

Drained engine oil and S.O.A.P. sample taken. Serviced engine with 7 quarts of Aeroshell W100 mineral oil and installed new oil filter P/N CH48108-1. Ground run leak checks good.

Performed GAMI fuel injector annual ICA IAW GAMI CMM IP-2001-02.

Performed fuel injection system inspection in accordance with CMI/TM Service Information Directive 97-3.

Performed annual TAT turbo inspection per ICA Manual 22-6460004 rev.C.

The aircraft and/or component(s) on NIPSOSE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Keystone Aviation under Work Order No. 8932.

CRS# K5S2339N



ENG REG	IINE MODEL: 10-550- IINE S/N: 690812 I. NO: N950SE RK ORDER: 8932	N46B	V K	(EYST)	ONE	22225 Yellow Gate Li Aurora, OR 97002 Phone: 503-678-6076		DATE: 4/6/2015 A/C TSN: 204.7 ENG TT: 204.7 HOBBS: 204.7
			A SUBSEMIT O	A TATA	COMMANES			
Rem 06/A	gine Entries noved and replace APR/2015 from Ma nado Alley ICA Doc	in Turbo S	Systems, Inc.	ssure Contro Repair Stat	iller with O ion #MAM	verhauled unit, P/N R190K. Adjusted Ai	470688-5, S/N off: KAN00925, Stomatic Pressure Controller with	S/N on: DJ0112. See 8130-3 dated in spec. All maintenance performed per
	isted engine oil pre							· -
		w is within	published li	mits per Ton	nado Alley	ICA Doc #22-6460	004.	
The						d in accordance with oversion under Work O		viation Regulations and was found Airworthy for -
DAT	E: 4/6/2015		SIGN	NED:	chards	Rich	UNO# NO	Printed by EBis 3 (datcomedia.com) —
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<u>s</u>	kyWest A	viatior	Inc.					April 22, 2016
	1622AD		rus SR2			5N: 2403	Hobbs: 583.6	TTAC: 583.6
C	ontinental	M	N: 10-!	55N	SN:	690812	TSN: 583.	6
	• Compl	اختب اممنا	h Amminal 1	Fman a adia	- TAV/	EAD 42	N d C A A 1 11 A	
						rak 43 append new PN 655705	ix D and Continental M.A	١
			Spark Plu				·•	
							73, 628556, & 640612.	-
	 Replace 	ced Alte	ernator g	arlock se	al with r	new PN 25102.	,	-
	 Replace 	ced ITT	Γ Probe w	ith new P	N 8624	5.		_
l ai	Certify that irworthy co	this Er	ngine ha	s been	inspec	ted IAW an a	annual inspection an	d was determined to be in an
	aul Armstro		\mathcal{I}	0		/ -		AP3154322IA
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E	ER HORN	4\/T.A.T	TON	ITN				March 23, 2017
	22AD		rus SR22		5	/N: 2403		Acft Flt HM: 682.5
	IO-550	CIP	us SKZ	_	3	14. 2403		Acti in time corte
M	10-550							
	1. Repaired	d the en	ngine indu	ction sys	tem by	repositioning a	nd securing one intake co	upling and clamp. Ground ran aircraft
			ions norm		,	.,	•	
his	s aircraft is	appro	ved for	return	to ser	vice for the	work performed. Per	tinent details of the work
							under work order nu	
	ald B. Brad							AP3474356
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Date	Total	Time	1	Since verhaul	Engine Service and Maintenance Reco				
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	ENGINE N 10550N46		X	-Clear Star	Clear Star Aviation DATE: 4/28/2017 A/C TSN: 694.4	_			
	ENGINE S	VN: 690812 N622AD			Repair Station No. 5CSR009B ENG TT 694.4 4765 Frank Luke Dr TACH: 694.4	_			
		RDER: 20057	74		Addison, TX 75001 Phone: 972-267-2376				
	Engine	Entries			,				
	_		00 HR inspe	ection in acc	cordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. The	_			
	cylinder o	compressio	n was chec	ked with the	following results: #1, 72/80 #2, 68/80 #3, 68/80 #4, 70/80 #5, 70/80 #6, 72/80 psi.				
					changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. Blackstone LaboratoriesInspected the turbo system in accordance with the instructions				
_	for contin	ued airwor	thiness doc	ument 22-64	460004 Rev. C. Installed new slave waste gate hardware pins P/N MS20392-1C13 and				
	new RH t	2-2013, spi lurbo suppi	nng P/N LEI ort rod sleev	M120D035 a veReplaced	and safety pin P/N AA55488-2Installed new slave wastegate P/N 22-6150026Installed d oil filter adapter gasket and leak checked with no leaks foundInstalled new o-ring P/N	_			
1	630979-2	24 on starte	er drive ada;	pter, leak ch	eck satisfactory_Installed new slave waste gate pulley bracket P/N				
					gine driven fuel pump after repair performed by Tornado Alley Turbo Repositioned nt damage to line Replaced crankshaft seal P/N 641250, leak check				
	satisfacto	oryCleane	d #2 injecto	r and install	led with new seals. Installed new #6 intake clamp. Adjusted MAP to within limits and if on ALT #2 mount, P/N 25102, with gaskets P/N 653487 & 654012, leak check	_			
	satisfacto	ory Installe	d new #3 E	GT probe as	ssy P/N 16579-002. Removed and re-installed magnetos after 500 hr internal inspection	_			
	V-hand o	d by Quiet	Sky Aviatio	n Consultan	its. Magnetos P/N 10-500556-101 LH S/N D07AA082 RH S/N D07AA109. Replaced both new TAT flexible hoses kit P/N ETI-G3-6Removed and re-installed RH exhaust manifold.				
	after repa	air performe	ed by North	Texas Turb	inesInstalled new LH turbo heat shield and installed 2 new exhaust heat shields.				
-	Researche	ed AD's throu	rgh bi-weekly	issue of this o	date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance	_			
1	with a 100	HR inspection	on and was de	d at benimete	e in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy seller, or appliance identified was repaired/inspected in accordance with current requirements of the				
					or return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.				
	DATE: 4/	/28/2017		SIGNED:	Work Order: 200574	_			
				Longaker, D	Printed by FRis 3 (datcomedia com)	_			
				Certified Re	palication No. 5CSR009B	_			
8-5-17	244	0			Oll change Shell 10 500				
					Champ Filter CH 48108-1				
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10-23-17	896	3			OIT CHANGE Shell 10-50W				
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1 100 100					Jen Ditto 452218469 01/ Change Shell 10-50w Tempest AA 48108-2				
1-18-18	9668				OIL CHANGE Shell 10-80W				
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		Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulle		es, special inspections,	
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<u>Duk</u>						_	<u> April 23,</u>	2018	
N622A	D		rus SR			N: 2403 ACTT:		7	
TCM		MN	I: IO-5	50-N	SN	: 690812 TSN: 89	90.0	,	
•	Remov kit P/1	ved, ins _l N 64679	pected, a 8A2, an	and reass d preform	embled a ned engir	appendix D, serviced the engine usi Il 6 cylinders, replaced piston rin ie runs IAW TCM Overhaul Man v P/N AE1014035H0190 x2, AE10	gs P/N 654716P ual Publication I		
I Certif						pected IAW an annual insp	pection and v	vas determined	
Benjan			•	igition.				AP3681757IA	
	,		E	1	T	·		gare a mort and an article control and a superior control and a supe	
	_	B&G	Aviatio	n LLC					
				as 78628	ph 512-86				
		N622A	D			ACTT: HRM: 1082.6		W all coses	
		Date 11/	/2/2018			11104.1002.0		N# 2403 alte 7/23/2019 Changed oil and filter. Added camgaurd. Cut of his aircraft is approved for egazds to Work performed radley B Gray A&P 31852	
						ed with Aeroshell W100 and new fil	ter AA48108-2	12403 12403 12403 1723/2019 Changed oil and Added camgaurd aircraft is approv	
	_					pen the oil filter and inspected. I in between the 2,4,6 cylinders and t	anau ad	2 1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
				e oil press			orqueu	d oi sa is a is a ray	
						h a new probe PN# 16578-001		of oil and camgaurd is approv	
						service in		oil and fill mgaurd. Capproved rk perform	
		regards	to Work	performe	d.			filter for the filter	
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		В	&G A	viatior	LLC	\$ and a second second	· · ·	eros nd ir e in	
			•	n Texas 7	8628 ph 5	12-864-7632		hell nspe	
			1622AD N# 69081	10			TTE:1004.2 Flight H.M: 1004	∵te W	
			n# 0908: ate4-22-2				Tach:1004.2	d. C	
		1.	Changed	oil & filt	er serviced	with 8 Qts AS W100 new filter AA		ACTT; HRM: 1053.6) and a new fi Ground run le	
		↓ s	erviced w	vith 13 Oz	Cam Gua	rd		nd 15	
				gapped &				OS3	
						3 #4 50 #5 71 #6 75 over 80 PSI N RHB32S		file lead	
		5	Installed	new 7th s	tud nut P/	N 646312 on #2 cylinder		er A	
		6.	All routi	ne mainte	nance C/V	ľ		cc A	
		7.	Washed	& ground	ran engin	e Ops Ck good no leaks noted	1	sat 0	
		1	ceruty th	at this eng	ion. In ac	en inspected in accordance ordance with FAR part 43 appendix	D)8-2 isfa	
		H W	nd was de	etermined	to be in a	airworthy condition	-	cto	
						turn to service in	1	₹	
				Work pe	rformed.				
		+ =	ميلا	MICE	94				
		D	avid Mo	Coy AP 3	0)2/8				
		1							

N622AD SN# 690812	54-7632 TTE:1123.3 SMOH:	e and Maintenance Record , Airworthiness Directives, Special Inspections Bulletins
Date 5-1-2020	H.M:1123.3	A DUILEULIO
	8 Qts AS W100 new filter AA48108-2	
 Cleaned gapped & rotated plugs Comp Cks #1 60 #2 65 #3 52 #4 53 	2 #5 62 #6 65 over 90 DCI	
4.Installed new #6 fuel inj nozzle P/		
5.Installed 2 new spark plugs P/N UI		
6.C/W 300 Hr magneto filter replace		
7.All routine maintenance C/W	and the second s	
8. Ground ran engine Ops Ck good no		
l certify that this engine has been ins with a 100hr inspection. In accordance		
and was determined to be in an airwo	orthy condition	
This Engine is approved for return to	service in	
regards to Work performed.		
David McCoy AP 3615278		1
, //		
B&G Aviation LLC		
Georgetown Texas 78628 ph 5		
N622AD	ACTT:	
SN#2403 Date 10-13-2021	Tach:	2
	Flt. H.M. 1213 with 8 Qts AS W100. New filter AA481	
Ground ran engine Ops Ck goo	nd no leaks noted	08-2
This ENGINE was approved for	or return to service in	
regards to work performed.	retain to service in	
6 1 JULIAN		
NO MYCON		
David McCoy A& 3615278		A
	4.7632	
Georgetown Texas 78628 ph 512-86	4-7632 ACTT: 1193.8	
Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8	
Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance	
Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance	
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Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows 1. Compressions are #1 65/80, 55 2. Lapped the #3 cylinder exhaus	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652	12
Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows 1. Compressions are #1 65/80, 55 2. Lapped the #3 cylinder exhaus 3. Installed a new exhaust valve of	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 5/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112	12
Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows 1. Compressions are #1 65/80, 55 2. Lapped the #3 cylinder exhaus 3. Installed a new exhaust valve of 4. Cleaned gapped and rotated the	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 5/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112	12
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Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows Compressions are #1 65/80, 55 Lapped the #3 cylinder exhaus Installed a new exhaust valve of Cleaned gapped and rotated the Checked the mag timing Complied with SB 09-01 exhaus Complied with SB 10-01 ALT Complied with SB 12-02 Fuel Complied with SI 08-04 cabin	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 enspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 et valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112 e spark plugs sust inspection air door hinge inspection pump inspection theat tail pipe inspection	12
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Georgetown Texas 78628 ph 512-86-N622AD SN# 690812 Date 6/4/2021 Lertify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows Compressions are #1 65/80, 55 Lapped the #3 cylinder exhaus Installed a new exhaust valve of Cleaned gapped and rotated the Checked the mag timing Complied with SB 09-01 exhaus Complied with SB 10-01 ALT Complied with SB 12-02 Fuel Complied with SI 08-04 cabin 10. Complied with SB 11-04 turbout Complied with SI 08-04 crank	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112 e spark plugs must inspection air door hinge inspection pump inspection heat tail pipe inspection of inlet filter cleaning accase breather tube inspection	12
Georgetown Texas 78628 ph 512-86-N622AD SN# 690812 Date 6/4/2021 Lertify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows Compressions are #1 65/80, 55 Lapped the #3 cylinder exhaus Installed a new exhaust valve of the Cleaned gapped and rotated the Checked the mag timing Complied with SB 09-01 exhaus Complied with SB 10-01 ALT Complied with SB 12-02 Fuel Complied with SI 08-04 cabin to Complied with SB 11-04 turbed the Complied with SI 08-04 cabin to Complied with SI 08-01 crank to Complied with SI 08-05 Air fired with SI 08-05 Ai	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112 e spark plugs cust inspection air door hinge inspection pump inspection theat tail pipe inspection of heat tail pipe inspection of oil inlet filter cleaning accase breather tube inspection ilter clean and inspect	12
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Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 I certify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows Compressions are #1 65/80, 55 Lapped the #3 cylinder exhaus Installed a new exhaust valve of the Cleaned gapped and rotated the Checked the mag timing Complied with SB 09-01 exhaus Complied with SB 10-01 ALT Complied with SB 12-02 Fuel Complied with SB 11-04 turbo Complied with SI 08-04 cabin to Complied with SI 08-04 cabin to Complied with SI 08-05 Air for the Complied with SI 08-05 Air for the Complied with SI exhaust slip Complied with SI 11-03 turbo	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 nspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 at valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112 e spark plugs sust inspection air door hinge inspection pump inspection heat tail pipe inspection o oil inlet filter cleaning scase breather tube inspection ilter clean and inspect o joint inspection o support bracket inspection	
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Georgetown Texas 78628 ph 512-86 N622AD SN# 690812 Date 6/4/2021 Lertify that this engine has been i with a 100hr inspection. In accordan Work accomplished as follows Compressions are #1 65/80, 55 Lapped the #3 cylinder exhaus Installed a new exhaust valve of Cleaned gapped and rotated the Checked the mag timing Complied with SB 09-01 exhaus Complied with SB 12-02 Fuel Complied with SB 12-02 Fuel Complied with SI 08-04 cabin to Complied with SI 08-04 cabin to Complied with SI 08-05 Air for Complied with SI 08-05 Air for Complied with SI 11-03 turbed to Replaced turbo support brack 2 each MS21250-05020, 22-66	ACTT: 1193.8 Tach: 1193.8 ETSN: 1193.8 enspected in accordance ce with FAR part 43 appendix D 6/80, 62/80, 63/80, 65/80, 67/80 et valve and installed a new rotator PN#652 rotator on the #4 cylinder PN# 652112 e spark plugs ensit inspection air door hinge inspection pump inspection theat tail pipe inspection of inlet filter cleaning exact breather tube inspection ilter clean and inspect of joint inspection of support bracket inspection et parts as needed, ETI-G2-600-35 and -36, 625005 support bracket, 22-6250006 support	2 each 22-6200021 bushings
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Date	Total Time	Time Since	Fnaine	Sarvice and	Maint	enance Record
		Last Overhaul	Liigiiie	Oci vice and	<i>i mann</i>	
						tives, Special Inspections,
B&G Aviation	on LLC					
Georgetown Tex	as 78628 ph 512-8	64-7632				
N622AD		ACTT: 1225.7				
SN# 690812		Tach: 1225.7				
Date 6/14/2022		ETSN: 1225				
		inspected in accord				
		nce with FAR part 4	13 appendix D			
Work accomplis		1	·			
		4/80, 72/80, 58/80,	64/80, 71/80			
	pped and rotated the					
			and reinstalled.	Timed to the engine		
	vith SB 09-01 exh					
		T air door hinge ins	pection			
		l pump inspection	estion			
		n heat tail pipe inspe so oil inlet filter clea				
		kcase breather tube				
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	with SI exhaust sli					
		o support bracket in	spection			
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regards to Work						
These	1161					
Bradley D Gray	A&P 3135226					
		Manager and the second second second				
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B&G Avia	tion LLC					
		2 964 7622				
N622AD	exas 78628 ph 512	2-804-7032	ACTT:			
SN# 2403			HRM: 1225	5		
Date 4/11/202	2		HKWI. 122,	5,5		
	_	iced with aeroshell	W100 and a new	filter AA48108-2		
		ected. Ground run le				
	approved for retu			,		
	ork performed.	The second second second			-	
Tally	11 Sel					
Bradley D Gr	y A&P 3135226					
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Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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B&G	Aviation LLC	;'- '	
oug George	town Texas 78628	ph 512-864-7632	
N622/			ACTT: 1232.1
SN# 69 Date 8/			Tach: 1232.1
		had to the	ETSN: 1232.1
with a	100hr inspection. In	has been inspected in	R part 43 appendix D
- Work	accomplished as for	accordance with FA	R part 43 appendix D
1.	Compressions are #	1.67/80.62/80.66/80	0, 60/80, 64/80, 77/80
2,	Cleaned gapped and	rotated the spark plu	1,00/00,04/80,7//80
3. (Checked the mag tip	mine	
. 4.	Changed the oil and	filter serviced with /	Aeroshell W100 and a new filter AA48108-2. Cut open the old filter
5. (Complied with SB (09-01 exhaust inspect	ion
6. (complied with SB	10-01 Alt air door ins	Dection
_ 7. (Complied with SB1	2-02 Fuel pump inspe	ection
8. (— 9. (complied with SI 0	8-04 Cabin heat tail p	ripe inspection
10. (Complied with SBI	1-04 Turbo oil inlet f	ilter cleaning
- 11 6	Complied with SLO	8-01 Crankcase breat 8-05 Air filter clean a	her tube inspection
12. (Complied with \$1.0	8-05 Air filter clean a 1-01 exhaust slip join	nd inspect
13. (Complied with SI 1	1-03 Turbo support b	i inspection
14	AD 20-16-11 cross-	flow cylinders is N/A	a due to cylinders installed
13. /	ND 22-04-04 STC s	tratus oil filter adapte	er is N/A not installed
10. /	ND 22-16-03 S-120	0 series maos N/A du	te to SN# mage
17. 2	AD 23-02-12 Intake	valve failures is N/A	due to valves installed
10, /	AD 23-03-16 Crank	Shaft counter weight i	retaining rings is N/A due to overhaul date
11113 C1	gine is approved to	r return to service in	5 mgs to that due to overland dute
regards	to work performed	2/	
Bridley	D Gray A&P 3135	a f	and the second of the second o
Bradicy	D Gray Ace 3135	120	the two groups are a committee of the control of th
B&G Av	iation LLC		
Georgetow	Texas 78628 ph 5	12 964 7622	A STATE OF THE STA
N622AD	. 10028 pii 3		A CONTRACT OF THE PROPERTY OF
SN# 69081;	2		CTT: 1237.4
Date 10/9/2	024	Pro Pro	ach: 1237.4
I certify t	hat this engine has	neen increased t	TSN: 1237.4
			rt 43 appendix D
L Com	pressions are #1 64/	80 60/80 64/80 71/	80 68/80 70/80
		ted the spark plugs	
o, Chec	ked the mag timing		
4. Chan	ged the oil and filter	serviced with Aeros	hell W100 and a new filter A A 48100 2
5. Comr	ispected		hell W100 and a new filter AA48108-2. Cut open the old filter
J. Comp	nica with SB 09-01	exhaust increasing	
o. Comp	ned with SB 10-01	Alt air door inconnect	on
,, comp	neu with 5B12-021	fuel numn inco	
o. Comp	1160 WILD ST 0X-04 (ahin heat toil min - 1.	A service of the serv
11. Comp	lied with SI OB-01	rankcase breather tul	be inspection
12. Comp	lied with SLILOL	in inter clean and ins	spect
13. Comp	lied with St 11.02 T	knaust slip joint inspe	ection
14. AD 23	-17-04 stratus of G	urbo support bracket	Inspection
This engine	Sannroyad for	n to service in	
regards to we	rk performed	ii to service in	
Bradley D Gr	ay A&P 3135226		
	7 - 1-	r	_

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
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