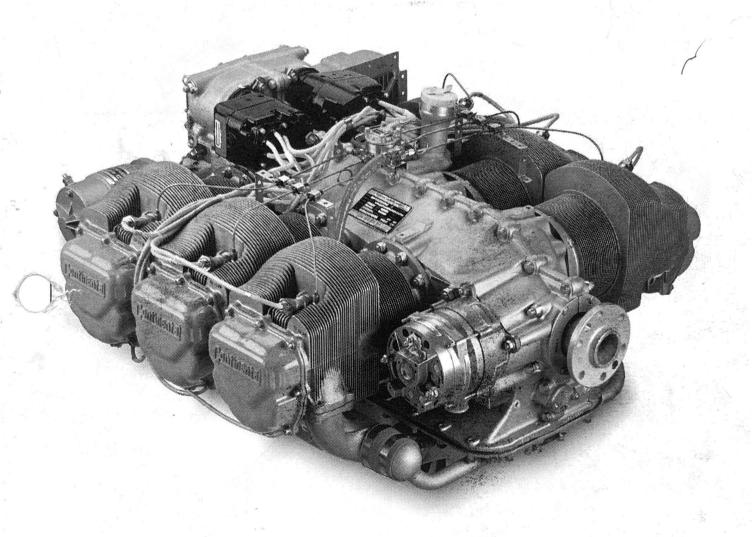
N468PR

O ENGINE LOG BOOK





Teledyne Continental Motors, Inc.

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 Abbeville Industrial Park Suite 159 Abbeville, AL 36310

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





Teledyne Continental Motors, Inc.

A feledyne fechnologies Company Printed: 04/19/2006

This engine model I0360ES6

, Serial No. 360158 was manufactured on 04/19/2006

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 PRODUCTION CERTIFICATE NO. 508



Date Total		Last Overhaul Engine Service and IVI						
	Hrs.	Min.	Hrs.	Min.		pections, Airworthiness E d Service Bulletins	Directives, Special Ins	pections,
ENGINE MODEL: ENGINE S/N. 360158 REG. NO: 468PR WORK ORDER: 2820	Rep		No. T9ZR725	Services,	Inc.	anot re		DATE: 6/9/200 A/C TSN: 20 ENG T HOBBS 20
		utdale, OR 9 one: 503-666						110000 20
Engine Entries								
1 Performed com CH48108-1 filte	pression cher and safety	eck. (77, 7 wired. En	76, 76, 77, 1 ngine was c	75, 76.) Cha leaned, run,	anged oil using 8 qts. Ae and checked for leaks	roshell 100 mineral . Filter was re Ind found OK.	emoved, cut, inspected and	OK. Installed
The aircraft and or compo above work order number	nents identifi Chief Inspe	ied above w ector Scott h	vere repaired Kenney	d in accordan	ce with current Federal Av	viation Regulations. Pertinent detail	s are on file at this repair stati	on under the
DATE: 6/9/2006		SIGNE	ED:	9	water)	Wo	rk Order: 282
			Kenney	tation No. T9Z	D726V		Printed by EBis 3 (dat	tcomedia.com
ENGINE MODEL:	т							DATE: 6/09/00
ENGINE S/N: 360158 REG. NO: 468PR			o. T9ZR725	Services, I	Inc.			DATE: 6/28/200 A/C TSN: 20
WORK ORDER: 2846	1250	0 NW Perime	eter Way				n n "	ENG TT: 20 HOBBS: 20
Engino Entrico	Pho	ne: 503-666-	-3838				1	
Engine Entries								
checked for leal	ng Aeroshe ks and OK.	II 100 W . F	Filter was re	emoved, cut,	inspected and OK. Insta	alled CH48108-1 filter and safety	wired. Engine was washed	, ran and
The aircraft and or compor	nents identifi	ed above w	ere repaired	d in accordance	ce with current Federal Av	iation Regulations. Pertinent details	s are on file at this repair static	on under the
above work order number.	Chief Inspe	ector Scott K	K. Kenney	,	111/	and the second s		
DATE: 6/28/2006		SIGNE	D:	Dust	AL		Wor	k Order: 284
			Kenney led Repair St	ation No. T9Zf	R725Y		Printed by EBis 3 (dat	comedia.com
, y	Landa and	г		1				
ENGINE MODEL: IO-360-ES ENGINE S/N: 360158 REG. NO: 468PR	1100	utdale Air	craft Serv	rices, Inc.			DATE: 5/3/2007 A/C TSN: 126.3	
WORK ORDER: 3148	1250 N	NW Perimeter lale, OR 9706	Way				ENG TT. 126.3 TACH: 126.3	
Fraire France	Phone	503-666-383	38					
Engine Entries 2 I certify that this	Engine has h	neen insnect	ted for a 100	hr inspection	in accordance with the ma	aintenance manual and FAR 43 appo	andiv D and was found	
airworthy for retu	irn to service	. Oil was ch	nanged using	Aeroshell 10	00W. The filter was remove	d, inspected and OK. Installed new (andard: ENG A:Single A1:76 A2:75 /	CH48108-1 oil filter and	
						M continuouse flow fuel injection sys		
					ach annual or 300 hours.		como.	
						Annual inspection or after washing	engine.	
7 TCM - C/W SB 6	43 B Mainter	nance interva	als for TCM	and Bendix M	lagnetoes.	·		
The aircraft and or compone	ents identified	above were	repaired in a	ccordance with	current Federal Aviation Re	gutations. Pertinent details are on file a	t this repair station under the	
above work order number.	Chief Inspecto	or Scott K. Ke	enney	-1	1///		and repair station under the	
DATE: 5/3/2007		SIGNED:	2	alt	10		Work Order: 3148	
		Scott Kenr Certified R		No. T9ZR725Y		Printed	by EBis 3 (datcomedia.com)	
			ſ	1				
		-+						

Date	Total	Time	500000	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		>			Modifications and Service Bulletins
Blought forward				1	
_					1
MAKE Cirrus MODEL SR20			Aircraft S		Inc. DATE: 9/8/2006 . A/C TSN 71
S/N 1661 REG NO 468PR WORK ORDER 2943	12 Tro	50 NW Perir outdale, OR	neter Way 97060		HOBBS 71
Airframe Entries	Ph	one 503-66	66-3838		1
	heated br	ake inspec	ction. Replac	ced Indicato	r, removed brake pistons and replaced o-rings. Serviced nose gear wheel and main gear wheel
4 Inspected logbo				in applicabil	lity.
5 Installed cabin o	door strut r	nodification	n IAW Cirrus	s Service bu	ulletin 2X-52-04.
The aircraft and or comport above work order number.				ed in accorda	ance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the
_ DATE: 9/8/2006		SIGN		Sin	Work Order: 2943
- DATE. GIOZZOGO		Sco	ott Kenney	Station No. TO	Printed by EBis 3 (datcomedia.com)
		Cei	tilled Repair (Station No. 15	22.7.251
ENGINE MODEL ENGINE S/N: 360158			ircraft Se	ervices, lı	AC 15N: 71
REG NO 468PR WORK ORDER 2943	1250	NW Perime dale, OR 97			ENG TT: 71 HOBBS: 71
Engine Entries	Phon	e 503-666-	3838		
1 Changed oil using		I 100 W . F	ilter was rer	moved, cut,	inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and
checked for leaks Cleaned and insp		rk pluas IA	W Cirrus AN	MM Chap 74	1-20
					be with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the
above work order number. (1 1/1/
DATE: 9/8/2006		SIGNE	D: C) cal	Work Order: 2943 Printed by EBis 3 (datcomedia.com)
2			ied Repair Sta	ation No T9ZI	
			1		



Date

Brought Fo

ENGINE MODEL 10-360-ES6 ENGINE S/N 360158 REG. NO: 468PR WORK ORDER: 3611

Troutdale Aircraft Services, Inc.

Repair Station No T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-666-3838

DATE: 5/16/2008 A/C TSN 203 ENG TT 203 TACH 203

Engine Entries

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 eight qts Aeroshell 100w. The filter was removed, inspected and OK. Installed new CH48108-1 filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard:A1=76,A2=78,A3=76,A4=79,A5=78,A6=78.

C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07.

C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders.

C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetos.

C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

C/W SID 05-7 Positioned tuned fuel injection nozzles. Due each annual or 300 hours.

C/W SID 97-3C dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

C/W SID 97-2B Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder horescope inspection - Oil consumption trend monitoring. Oil Applying trend monitoring - Raffle condition inspection - Induction system C/W SID 97-28 Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression cried monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Condition language and soul flag possitional chart. Institute system is possition. Find cystem setup - Verification of accuracy of engine gages. Profusioning - 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 test.

Checked and retorqued all engine valve covers as needed.

Replaced oil service port cap with new.

Applied RTV to fuel line going to engine driven pump at #5 induction tube to prevent further chafing.

Removed engine driven fuel pump PN 649368-46A4,SN B06CA248.Installed new engine driven fuel pump PN 649368-51A4 SN B07LA038. Ops & leak check ok. 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 & Constitution of the Constitution of

DATE: 5/16/2008

SIGNED:

Scott Kenney Certified Repair Station No. T9ZR725Y

Work Order: 3611

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10-360-ES6 ENGINE S/N: 360158 REG. NO: 468PR WORK ORDER: 3660

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale OR 97060 Phone: 503-666-3838

DATE: 5/16/2008 A/C TSN: 203 ENG TT: 203 HOBBS: 203

Engine Entries

The following troubleshooting procedures were carried out to determine cause of rough running engine and LH mag drop after Annual Insp. 1. Spark plugs swapped with new 2. LH ignition harness swapped with serviceable unit. 3. Mags found to have oil seeping into case - removed and cleaned internally, reinstalled on A/C. 4. O ring on STBY Alt pad replaced - which was causing oil leaking onto mags. 5. Mags swapped LH to RH for troubleshooting - new mounting gaskets installed. 6. Fuel nozzles removed, cleaned, tested and reinstalled & C/W SID 05-7. 7. Engine driven fuel pump serial #B07LA038 previously installed at Annual -"0" time since new, removed from engine, known serviceable pump installed for troubleshooting - engine runs OK. 8. New fuel pump serial #B07JA177 installed on the aircraft - fuel flows adjusted IAW SID 97-3C. Aircraft ground run OK. All ignition parts re-installed to pre-troubleshooting configuration.

Installed new LH engine environmental fuel drain line with new

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: 5/16/2008

SIGNED Scott Kenney

Work Order: 3660

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ENGINE MODEL: 10-360-FS6 ENGINE S/N: 360158 REG. NO: 468PR WORK ORDER: 3876

Troutdale Aircraft Services, Inc.

Certified Repair Station No. T9ZR725Y

Repair Station No. T97R725Y 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-666-3838

DATE: 10/24/2008 A/C TSN: 277 ENG TT: 277 HOBBS: 277

Engine Entries

Changed oil using Aeroshell 100W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and OK.

TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.

Removed, cleaned, inspected, gapped and reinstalled spark plugs, and OK.

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: 10/24/2008

SIGNED

Scott Kenney Certified Repair Station No. T9ZR725Y Work Order: 3876

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES6 ENGINE S/N: 360158 REG NO: 468PR WORK ORDER: 4079

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale. OR 97060 USA

DATE: 6/12/2009 A/C TSN: 314.2 ENG TT: 314.2 HOBBS: 314.2

Troutdale, OR 97060 USA
Phone: 503-666-3838

_	Phone: 503-666-3838	
Bı	T Engine Entries	
	100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAP. 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 values are on file under this WO.	
	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 scope 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.	
	TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains.	
	TCM - C/W SID 05-7 Positioned tuned fuel injection nozzles due each annual or 300 hours.	
_	TCM - C/W SID 97-3E dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.	
_	TCM - C/W SID 97-2B 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 test.	
_	TCM - C/W SB 08-3 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.	
_	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: 6/12/2009 SIGNED: Work Order: 4079	
_	Scott Kenney Certified Repair Station No. T9ZR725Y Printed by EBis 3 (datcomedia.com)	
_		
	DATE: 4/27/2010	
-	ENGINE MODEL: 10-360-ES6 ENGINE S/N: 360158 REG. NO: 468PR WORK ORDER: 4520 Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 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 Aero Shell 100 W50. 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: 1) 76, 2) 77, 3) 76, 4) 77, 5) 77, 6) 77.	
	TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07. Checked magneto to engine timing and found to be 22° btdc.	
-		
- 1	above bulletin. No defects noted.	
-		
-		-
1	9 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains. No cracks or other defects noted.	
-	TCM - C/W SID 97-3E dated 6-17-2008 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.	
-	TCM - C/W SB 08-13 Induction system hose and clamp installation dated 9-30-2008. Torqued induction system hose clamps to 34 inlbs.	
	36 Installed twelve new spark plugs.	
	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 Kakenney	
-	DATE: 4/27/2010 SIGNED: 614 Sheek Signed Work Order: 4520	
	Eric Svelmoe Printed by EBis 3 (datcomedia.com) Certified Repair Station No. T9ZR725Y	
_		

				Engine Service and Maintenance Record			
	Hrs.	Min.	Hrs.	Min.	Installations, In	spections, Airwor	thiness Directives, Special Inspections
rought Forward	1				Modifications a	nd Service Bullet	ins
		SINE MODEL	. I	Lone Star	r Aero		DATE 4/22/20
	REG	SINE S/N S. NO: N468P	R F	Repair Station	No. LSZR252X		A/C TSN: 524 ENG TT: 524
		RK ORDER: 3-04-2011	5	477 Sandau R San Antonio, 1	Texas 78216 USA		FLIGHTTIME: 524
	Enc	gine Entri		Phone 210-97	79-6313		
	C/W	an annual ins	spection I/A/M	V Cirrus SR20) series maintenance mar	ual Change oil and files	Install new CH48108-1 filter. Service engine with 8 QTS
	Clear	n, gap and te	st spark plugs	and reinstall	with pow applied D. M.	The Check compression,	Install new CH48108-1 filter. Service engine with 8 QTS #1 76/80 #2 77/80 #3 74/80 #4 76/80 #5 76/80 #6 74/80 weekly 11-08. Ground run engine leak and ops check god be in an airworthy condition.
	The a Regul numb	ircraft and/or lations and is er."	r component(s s approved for	s) identified at r return to sen	bove was repaired and in vice. "Pertinent details of	spected in accordance wi the repair are on file at th	th current maintenance rules of the Federal Aviation his repair station under the referenced Work Order
	DATE	E: 4/22/201	1	SIGNE	ED: San	-	Work Order: 4823-04-201
					. Carney d Repair Station No. LSZ	R252X	Printed by EBis 3 (datcomedia.com
	DATE	amag ar	AFTT.	Τ.	·	ALLEY ME MEMORIES IN THE STREET	
0	8-18-1		575.5		CH TTSN	<u>TSMOH</u>	TSTOH
C	HANGED	OII AND	EILTED NO	057 FW EU TER	- 10 100		
	HECKS W	ERE NOR	MADAPPI	ROVEDEO	R CH-48108-1 8 QT: OR RETURN TO SER	15W50 AEROSHE	LL GROUND RUN AND LEAK
	Jesust	0		0	THE TORN TO SER	VICE.	
D	avid A	Tramme	el AP308	8527793	RIA		ing to all the service of
T	Ť	I		0322233	PIA .	Da	te 08-18-11
	79784714	!				to the state of th	
	DATE		AFTT	TA	CH		
	9-07-12	1 !	588.9	588		12,2300, 15	
R	EMOVE	ED 1036	0ES6 S/I	N 36015	8 FROM N468P	R S/N SP20 166	E1 FOR PROPELLER
	EMOVE TRICK I	ED IO36 PROPEL	OES6 S/I LER REM	N 36015	8 FROM N468P	R S/N SR20-166	51 FOR PROPELLER
3	THICK	PROPEL	LEK KEIV	N 36015 10VED:F	8 FROM N468P	R S/N SR20-166 N AND REPAIR H	51 FOR PROPELLER HARTZELL PHC-J3YF-
5	THICK	PROPEL	OES6 S/I LER REM N FP467	N 36015 10VED:F	8 FROM N468P	R S/N SR20-166 N AND REPAIR H	51 FOR PROPELLER HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	LEK KEIV	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	te 09-07-11
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-
	RF/F73	92-15/1 Lan	N FP467	N 36015 MOVED F 313	8 FROM N468P FOR INSPECTION	N'AND'REPAIR' I	HARTZELL PHC-J3YF-

AIRWORTHINESS DIRECTIVE

repair

At date of engine xxxxxxxxx 10/27/2011

Engine Model: _____IO-360-ES

Authorized Signiture:

niture: M

AD & REV#	REV DATE	APPLIC. SB #	ONE AME	RECURRING
88-03-06		88-4	x /	
91-19-03			X	
92-04-09		92–4	X	
93-10-02		93-12	х	
97-26-17		96–8		х
98-17-11			х	
2000-23-21		00-5D	х	
2010-11-04		09-8A	X	
END				

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 68046

Engine Model <u>10–360–ES</u> Serial Number: <u>360158</u>

Date: 10/27/2011 Signed

_ Signed

G&N Aircraft, Inc.

END OF REPORT * * *

F.A.A/CRS MW2R020L 1701 E. Main Street Griffith, IN 46319 (219)924-7110 S,

10/26/11 13:27:39 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAGE REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED USING THE FOLLOWING PARTS:

Item Num.	Item Description		Quanti	ty
Num. AA48108-2 AN737TW74 MS16626-3078 MS35756-8 RG-632310 X13041 36025 501867 530917 629004 629690 629935 6314 631928 633958-2 636931 639198 639580 641368 641533 642338 643626-110 643626-111 646543A1 646597A1 653143 654487 654584 654587-44 655269 655959	FILTER OIL Clamp Ring Key VALVE COVER GASKET Adapter Bearing Washer Washer Lock Tab Seal Crank Clips Piston Pins Crank Plug SLICK MAGS SLICK MAGS Hose Seal Nut- Bushing Bushing Bearing Seal Bearing Pin Pin Gasket Set Bearing Set Plate Nut Screw Cam bolt Bushing BOLT CON LIFTER	** ** ** ** ** ** ** ** ** **		161121425186111132841122211824444212
T0000000000000000000000000000000000000				

Brou

	FAA/United States FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						7108		
S/N	4. Organization Name and Address: Tiffin Aire, Inc. 1778 West U.S. 224 Tiffin, Ohio 44883 FAA Certified Repair							5, Work Order/Contract/Invoice Number: W.O.#7108	
CRS MW:	FAA Certified Repair DTXR341D 6. Item: 7. Description:	Station No.	Part Number:	9. E	ligibility: *	10. Quantity:	11. Serial/Batch	Number: 12 SictorNo.X:	
	1 MCCAULEY PROPELLER G	OVERNOR	C290D3R/T23	N/A	igionity.	1	060262	CORMAINS	ก
	13. Remarks:			* *				· ·	
	OVERHAULED IN ACCO	ICE LETTERS:200	CCAULEY SERVICE MAN 0-10B,2001-1F,2003-5,200 17AD,249A.		EV.8, 12/15/200	02.			
ext & :									
	Certifies the Items Identified above were manual	ufactured in conformity	io:		19.				
	Approved design data and a Non-approved design data s					d in Block 13 wa ulations, part 43	a secution in DI	Other regulation specific ock 13, the work identified in Bio in accordance with Title 14, Coo that work, the items are appropriate the control of the contro	ck 12 de of ved for
	15. Authorized Signature:		16. Approval/Authorization	to.:	0. Authorized Stana	iture: / O		21. Approval/Certifica	te No.: TXR341D
	17. Name (typed or Printed):		18. Date (m/d/y):		2. Name (Typed or F	Printed):		23. Date (m/d/y):	
<u>D/</u>					Gary E	. Bibler		Sep/23/	2011
10-3			U	ser/Installe	Responsib	ilities			
SERVIO David	CE. A Trammel AP30852	2293IA	Jackson	int.	Date 10	0-31-11		1 3 2 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	
		i							
	<u>DATE</u> <u>AFT</u> 04-16-12 669.1	6	69.1 66	<u>SN</u> 9.1	<u>TSMOH</u>		<u>STOH</u>	5 20 AND 4 10 20	
	C/W ANNUAL INSPECTION CHANGED OIL AND FILTI 15W50 AEROSHELL CHE	ER INSPECTE CKED MAG	D FILTER AND O	IL SCREEN	FILTER BA	EW FILTER	R AA48108 CTED IND	-2 8 QTS UCTION,	
	EXHAUST SYSTEM CLEAR COMPRESSION CHECKS LEAK CHEKS WERE NORI	#1 62/80 #2 MAL.	60/80 #3 60/80	#4 60/80	#5 60/80	#6 61/80	GROUND	RUN AND	
/	and was determined	to be in	//		oraance	with an	annual i	nspection	
	David A Trammel A		93IA			Date 0	4-16-1	2	_
	/ /	- 1							

AIRWORTHINESS DIRECTIVE

repair

At date of engine xoxentrank 10/27/2011

Engine Model: _____IO-360-ES

Authorized Signiture:

ł	Authorized biginedie.			
AD & REV#	REV DATE	APPLIC. SB #	ONETIME	RECURRING
88-03-06		88-4	×	
91-19-03		Annual States (1995) (1994) (1995) (1994) (1994)	X	
92-04-09		92–4	х	
93-10-02		93–12	X	
97-26-17		96–8		x
98-17-11			X	
2000-23-21		00-5D	x	
2010-11-04		09-8A	X	
END				

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 68046

Engine Model <u>10-360-ES</u>

Serial Number:

360158

d

S,

Date: 10/27/2011

Signed;

G&N Aircraft, Inc.

F.A.A/CRS MW2R020L 1701 E. Main Street Griffith, IN 46319 (219)924-7110

10/26/11 13:27:39 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAREPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED USING THE FOLLOWING PARTS:

Num. Descripti	on	-
AA48108-2 AN737TW74 Clamp MS16626-3078 MS35756-8 Key RG-632310 VALVE COV X13041 Adapter F 501867 Washer Lo 530917 Seal Crank Cl: 629690 Piston P: 629935 Crank Pli 6314 SLICK MAC 6314 SLICK MAC 631928 Hose 633958-2 Seal 636931 Nut 639198 Bushing 639580 Bushing 641368 Bearing 641533 Seal 64238 Bearing 641533 Seal 64238 Bearing 645697A1 Bearing 655959 BOLT CON 658106 LIFTER	ER GASKET (4 HOLES) earing ** ck Tab ** ps ** ns gg SS S ** ** ** ** **	16 11 12 14 25 18 61 11 11 22 11 11 12 22 11 11 11 11 11 11

Brou

S/N 360158	-, W/O _68046		
C/W complied with, P/C/W previou	sly complied with, N/A not	applicable	ecord
	4		spections,
	\		
/	N/A by P/N		
	N/A by code		
	N/A by model & dat	:e	
and the second s	C/W by insp.		
next & every crank shaft removal	C/W ultra sonic in	sp. crankshaft	
	N/A by insp.		
	N/A by S/N		
	N/A by P/N		
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		Management (4) (4) (40) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	
<u>DATE</u> <u>AFTT</u> <u>TACH</u> — 10-31-11 588.9 588.9	i stant o est	The section of the se	
10-31-11	20.1661 IO360ES6 S/N 36	SO158 WITH NEW	·
HARDWARE AND LORD MOUNTS P/N			4
SERVICED ENGINE WITH 8 QTS. 100 W			
OVERHAULED BY TIFFIN AIR WO.# 205			
BY TIFFIN AIR WO# 7108 WORK PERFO	RMED IAW SC20 M/M 73	-00 PAGE 23,22	
GROUND RUN AND LEAK CHECKS WER	RE NORMAL APPROVED F	OR RETURN TO	
SERVICE.		A STREET STREET, S. S. S. S. S. S. S. S.	
David A Trammel AP308522293IA	adellanno Date	e 10-31-11	
	· · · · · · · · · · · · · · · · · · ·	S. Bernelewin Financia	
	ACH TTSN TSM	<u>OH TSTOH</u>	
04-16-12 669.1 66 C/W ANNUAL INSPECTION IAW SR20	69.1 669.1	5 20 AND 545 45 45	Terms and a
CHANGED OIL AND FILTER INSPECTE	D FILTER AND OIL SCREEN CLEA	N NEW FILTER AAAR108 2 8 OTC	26 K.26
15W50 AEROSHELL CHECKED MAG T	IMING, NEW INDUCTION FILTER	R BA 24 INSPECTED INDUCTION	
EXHAUST SYSTEM CLEANED ANDGAI	SPARK PLUGS, CLEANED FUEL	NOZZLES AND FLOW CHECKED	100 AM 0
COMPRESSION CHECKS #1 62/80 #2 LEAK CHEKS WERE NORMAL.	60/80 #3 60/80 #4 60/80 #5 60)/80 #6 61/80 GROUND RUN AND	
I certify that this engine has b	een inspected in accordan	ace with an annual inspection	
and was determined to be in	nrworthy condition.	The With an annual hispectic)П
- Chadwannal		TO DESIGN AS TO THE OWNER OF STREET	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED
David A Trammel AP3 85222	93IA	Date 04-16-12	45.
	***************************************	077672	

Date	Tota	Total Time Time Since Last Overhaul			Engine Service and Maintenance Record
	Hrs. Min. Hrs. Min. Modifications and Service Bul		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
rought Forward		-			
					N468PR Groh Aviation, LLC
		-			Maintenance Hobbs: 1024.6 Greenwood, IN 46143
					ESMOH: 317-727-9881 Date: 5-7-13
					Completed an annual inspection on this engine. Compressions #1\76/90, #0\
					73/80, #3) //80, #4) /2/80, #5) /6/80, #6) /2/80. Drained the oil from the
					crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. Removed the sparkplugs and replaced with
					new sparkplugs. Removed the induction air filter and replaced with a new filter
		 			P/N BA24. Engine run normal, no leaks noted. I certify this engine was inspected in accordance with an annual inspection and was determined to be
	-	-			in an airworthy condition.
					$+$ \sim
					Joshua Groh A&P IA 3308388 Shlap
	-				
					 -
					<u></u>
					×
					Groh Aviation, LLC
	-				N468PR 799 East Co. Line Rd Hobbs:1034.0
					TTSN: 317-727-0881
					Date:6-23-14
					-Completed an annual inspection on this engine in accordance with Cirrus 100hr/Annual inspection guide lines and current FARs.
					-Compressions #1) 76/80, #2) 73/80, #3) 77/80, #4) 72/80, #5) 76/80, #6)
					72/80Drained the oil from the crankcase and removed the oil filter. Installed a new
	-	 	 		oil filter and serviced the crankcase with Aeroshell 15W50.
		-		-	-Removed, cleaned, gapped, tested and reinstalled the sparkplugs with new
					m674 gaskets. Removed the induction air filter and replaced with a new filter P/N BA24.
					-Engine run normal, no leaks noted. - I certify this engine was inspected in accordance with an annual inspection
					- I certify this engine was inspected in accordance with an airitidal inspection and was determined to be in an airworthy condition.
		+			
	-	-	-	-	Joshua Groh A&P IA 3308386 Joshuan
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		-	+	+	

Date	Total	Time		Since verhaul	Groh Aviation, LLC N468PR 799 East Co. Line Rd
	Hrs.	Min.	Hrs.	Min.	Hobbs: 1151.3 Greenwood, IN 46143
Brought Forward					Date: 7-1-15 317-727-9881
					-Completed an annual inspection on this engine in accordance with Cirrus 100hr/Annual inspection guide lines and current FARs.
		-	-		-Compressions #1) 76/80, #2) 76/80, #3) 76/80, #4) 78/80, #5) 76/80, #6)
	-	-			76/80. -Drained the oil from the crankcase and removed the oil filter. Installed a new
					oil filter and serviced the crankcase with Aeroshell 15W50.
					-Removed, cleaned, gapped, tested and reinstalled the sparkplugs with new m674 gaskets.
					-Complied with AD2008-14-13 Exhaust Inspection, no defects noted. Removed the induction air filter and replaced with a new filter P/N BA24.
					-Engine run normal, no leaks noted.
					I certify this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.
					and was determined to be in an animotory
	+				Joshua Groh A&P IA 3308388 Cochemina
	-			-	
	-				
	1				
			GENERA	AL LOG EN	TRY GA Form 8(b) Rev. Original
Α	IRCRAFT N	IAKE:	(Cirrus	AIRCRAFT REGISTRATION: 468PR
	IRCRAFT N MOH:	ODEL:		SR20 192.4	Hobbs: 1192.4 ————————————————————————————————————
	line and curr	ent FARs.	Compression	ons #1)68/8	e in accordance with Cirrus 100hr/Annual inspection guide 10, #2)66/80, #3)74/80, #5)60/80, #6)76/80. Drained the oil
А	eroshell 15\	N50. Cut t	he old oil filt	er open and	: Installed a new oil filter and serviced the crankcase with d inspected, no defects noted. Removed, cleaned, gapped,
	replaced wit	h a new fil	ter P/N BA2	4. Checked	new M674 gaskets. Removed the induction air filter and I magneto to engine timing, no defects noted. Torqued the
					mal, no leaks noted. I certify this engine was inspected in and was determined to be in an airworthy condtion.
	he aircraft io	dentified al	oove was re	paired/inspe	ected in accordance with current regulations of the Federal
A	viation Adm the wo	ninistration rk perform	, and was de ed. Details	etermined a of the wo rk	airworthy and approved for return to service with respect to
			1.		
S	ignature:		Jush	- 'm	A&P IA 3308388
	GROH AV	IATION, L	LC	799 EAST	T COUNTY LINE ROAD GREENWOOD, IN 46143
					317-727-9881
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				-	
				-	

Date									
Date	Tota	Tim		VF.	Cirrus	AIDCDAE.	T REGISTRATION.	N468PR	3COrd
			AIRCRAFT MA		Cirrus SR20	AIRCRAF	Hobbs:	1246.9	ecord
	Hrs.	Mi	ETT:		1246.9		Date	2/2/18	pections,
Brought Forward	Hrs.	Mi	AIRCRAFT MO ETT: Completed an guide lines #6)68/80. D serviced the cremoved, cle reinstalled the Removed the gaskets so accord: Signature:	annual inspis and current or ained the or ankcase with areaned, inspete the spark plugger number 20 crews to spetance with and and ained in ained i	SR20 1246.9 rection on this ent FARS. Compresit FARS. Compres	essions #1)72/80, #2 for continuous and removed to the fuel injectors to gaskets. Check masseals and replaced formal, no leaks noter on and was determined to the fuel injectors to gaskets. Check masseals and replaced formal, no leaks noter on and was determined to the fuel fuel fuel fuel fuel fuel fuel fue	Date: with Cirrus SR20 10 2)74/80, #3)76/80, #4 the oil filter. Installed liter open and inspects. Removed, cleaned gneto to engine timi with new seals. Tord. I certify this engine ped to be in an airwite	2/2/18 Ohr/Annual inspection (6)68/80, #5)70/80, a new oil filter and sted, no defects noted, d, gapped, tested and ng, no defects noted, qued the valve cover e was inspected in orthy condition. 3624453 A&P IA	pections,
			- #4)70/8 Installed filter op Remove Engine	0, #5)71/8 If a new oil iden and inced and reprun normal inspection ined to be	80, #6)68/80. I filter and selepted, no collected, the spected in	en on this engine ent FARs. Comp Drained the oil rviced the cranko lefects noted. Ro ark plugs. Check oted. I certify thi	in accordance w ressions #1)74/8 from the crankc case with Aerosh emoved, cleaned	with Cirrus SR20 100 80, #2)73/80, #3)75, ase and removed the sell 15W50. Cut the d, inspected the fue ine timing, no defect pected in accordance	/80, e oil filter. old oil l injectors. cts noted. ce with an
		-							
				 	1				
		•							

DATE:	ENGINE MODEL:	ENGINE S/N:	ENGINE TT
October 17, 2019	IO360ES6B	360158	1321



This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled and inspected. The following serialized items were installed as replacements: magnetos (SN H-07659 and H-07660), crankshaft (R53067-1). Cylinders were repaired to serviceable condition. Engine assembled in accordance with Continental Overhaul Manual M-7 Revision Dated 09/2016 and Standard Practices Manual M-0 Revision Dated 09/2019 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable SBs and ADs have been complied with. This engine was tested in accordance with procedures listed in M-7 and has been accepted. I certify that this engine has been repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order SH-9091.

Complied with: M87-23, M93-4, MSB94-8D, SB04-10, SB07-1, SB17-06, SB653, SID96-6, SIL15-8.

		\wedge			
MECHANIC:	9CER85	3B AUTHORIZATION	: MC	1	9CER853E
		l Ch	Jul 14.7		
	-		V	V	

 DATE:
 ENGINE MODEL:
 ENGINE S/N:
 ENGINE TSMOH

 October 30, 2019
 IO360ES6B
 360158
 1321

CONTINENTAL SERVICES

Complied with Slick Service Bulletin SB2-19 by performing inspection of impulse coupling components for the following:

6314: 10090926 / H-07660 6314: 10090928 / H-07659

No defects neted.

MECHANIC: 9CER853B

						•	- page 2	r_7
Date	Tota	l Time		Since verhaul			Maintenance Re	
	Hrs.	Min.	Hrs.	Min.		spections, Airworthine nd Service Bulletins	ess Directives, Special Insp	ections,
Brought Forwar	rd ——	-			Date: 8/29/2	019 Hobbs: 1321	0 TTE: 1321.0	
							IO-360 ES6 S/N 360158, f	from
					Cirrus N468P	R for prop strike insp	ection.	
					Signed:	leven na	Por .	
						2830402 IA		
					For: Martin A	ircraft Services, LLC		
		DATE:		EN	NGINE MODEL:	ENGINE S/N:	ENGINE TT	
	0	tober 17,	2019		IO360ES6B	360158	1321	_
					CONTINENT	AL SERVICES		
	with Con Dated 09 cranksha in accord indicated are on rec	tinental (/2019 usi ft bolts and ance with above and cord at th with: M8	Overhaul Mang new see and bearing procedured was detailed in the control of the c	Manual M- als, gaske gs installed es listed in ermined t Work Ord	7 Revision Dated 05 ts and "O" rings. Ne f. Applicable SBs an m M-7 and has been to be airworthy with ter SH-9091.	9/2016 and Standard Pra w connecting rod bolts, d ADs have been compli accepted. I certify that t	ed with. This engine was teste this engine has been repaired rformed. Details of this repair	ed as
						ENGINE CAL	ENGINE TO 401	, -
		TE: 30, 2019			MODEL: 0ES6B	ENGINE S/N: 360158	ENGINE TSMOH 1321	-
t	2 232 # 41			-		Tu Tu	•] -
					ONTINENTAL S			_
		Slick Ser	vice Bullet	tin SB2-19	by performing insp	pection of impulse coup	ling components for the	
	llowing: 314: 1009092	6 / H-076	60					
63	14: 1009092	B / H-076						
1	defects net	ed.	<		9CER853B			_
MI	ECHANIC:	إر ما لا	D/)	au &	9CER853B			_
		V .		TV			15	
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THE PARTY OF THE P	Total Ti	1 111116	Since	
	Hrs. A	Lasi (Overhaul	Engine
Brought Forward	s. N	fin. Hrs.	Min.	Installation OCI VICE and III
- Ward			win.	Modifications and Service Bulletins Reinstall Inspections, Airworthiness Directives, Special Inspections Reinstall Inspections Reinstall Inspections
				Date: 12/19/2019 Hoph
				Reinstalled this Engine, Continental IO-360ES S/N 360158, on P/N 96355-01 and hardware, Reinstalled this Engine mounts Rarpus gaskets and hardware, Reinstalled this engine mounts Rarpus gaskets and hardware. Reinstalled this Engine mounts Rarpus gaskets and hardware.
				Cirrus N498PR S/N 1661 using new engine mounts, Barry Controls gaskets and hardware. Reinstalled exhaust using new gaskets and hardware. Reinstalled property
				P/N 96355 S/N 1661 Using 10-360ES S/N 26
				gaskets and hardware a sew engine mounts of 3/N 360158, on
				gasket and hardware. Reinstalled exhaust using new Service, Inc see WO#G25625, Reinstalled sensenich propeller Sensenich
				gasket and hardware. Reinstalled propeller governor using new Service, Inc see WO#G25625. Reinstalled propeller governor using new by Sensenich propeller son:
				Service, Inc see WO#G25625. Reinstalled propeller after overhaul by Sensenich propeller Service, Inc, see WO#G25625. Reinstalled propeller after overhaul by Sensenich propeller Service, Inc, see WO#G25323. Work and Service with Cirrus SR20 M/sec.
		_		by Sensenich propeller Service, Inc, see WO#G25625. Reinstalled propeller after overhaul in accordance with Cirrus SR20 M/M. Engine serviced with cone
			_	ill dCCOrds.
				AeroShell 100 mineral oil. Performed run up and leak checked.
				rimeral oil. Performed run
				Signed Si
				A&P 2830002 14
				A&P 2830402 IA
BE 2	804.6			Milli Alrerate e
DLK 2	OG ID# 21	Lane NW V-		GA 30144 DK7R795J
N	468PR 2185	Lane NW Ke 50 15-April-2 N 1661 CI	020	GA 30144 DK7P705
Н .	OBBS 1322	N 1661 CI 7 TACH 102	RRUS	0# 20157-0 SR20
	TENG 1026.	6 TACH 102	6.6	SR20
*** ENGINE LOG	ENTRY ***			Pg 1 / 1
LEAKS, NONE NOT ACCOMPLISHED IN AIRWORTHINESS. ANNUAL INSPECTION MAINTENANCE RELITIONS AIRCRAFT, A	N 16579-00 ED. PERFOR ACCORDANC I CERTIFY ON AND DET	22. RETORQUI MED POST MA E WITH MANU THAT THIS A ERMINED TO	NSTALLED ED ENGIN AINTENAN JFACTURE AIRCRAFT BE IN A	IN ACCORDANCE WITH CIRRUS AIRCRAFT SR20 AMM 05-20 AND CMI COG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. PERFORMED COMPRESSION CHECK: #1 - 68/80, #2 - 70/80, #3 -
DATED 15 APRIL 2	020. EKITA	ENT DETAILS	OF THE	REPAIR ARE ON STATE ABOVE WAS REPAIRED AND INSPECTED
	1			THIS REPAIR STATION UNDER WO#20157
	//			1072013/
Signed DK7R7953	FOR DLK	AVIATION		
	1	TAITON	4	
	- T	1 1		
·		, ,	I	
DATE	<u>A</u> FTT	TACH		TICAL
05-19-21	1379.6	<u>TACH</u>		TTSN TSMOH
		1379.6	0 1	1379.6
CHANGED OF	INSPECTIO	N IAW CIRRUS	S SR20 IN	SPECTION GUIDE AND FAR 43APPD.
OI WILL OF OIL	- WIND LIFE	K INSPECTED	FILTER AL	ND OIL SCREEN CLEAN NEW ENTER AND ALL
. 4.0 25,150	VELLO SHEF	T CHECKED IA	IAG HMII	NG CLEANED AND CAR CRAPK DILLOC
COIVII INESSIO	IN CHECKS #	1 /2/80 # 2 /	(0)/80 # 3	71/80 # 4 71/90 # 5 76/90 # 6 72/90
INSI ECTED EX	MAO21 212	IEM, INDUCT	ION.HOSE	STURING WIRING CLEANED FUEL NORTHER
CHOOLED HOL	A VIAD FFWV	CUECK2 MEK	E NORMA	ALIAM CIRRUS SPOONAINA
I CERTIFY IF	IAI IHIS EN	NGINF HAS P	FFN INC	PECTED IN ACCORDANCE MUTH ANNUAL
INSPECTION	ANDWAS	DETERMINE	D TO RE	IN AIRWORTHY CONDITION
-(1)	7,		- , O DL	
- David A TO	A DO	20101011		
David A Trai	iimei AP3/	AMOTOIA		Date 05-19-21 N468PR ENG
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1	1	1 1	1	

Date		Total	Time		Since verhaul	Engine	Service and	d Maintenance I	Record
		Hrs.	Min.	Hrs.	Min.		Inspections, Airwork and Service Bulleti	thiness Directives, Special	inspections,
rought For	ward		-			Wodilications	s and Service Dulleti	113	
_					-				. 1
	wo: WO	0_34			_	20124	. •	Engine - page 1 of 1	7
				BOLDA		BOLDAV Airport Access Dr Gre	ation enwood, IN 46143 - 317-745-44	1 22	
	N468 FLIG	B PR HT: 113	0.5		ONT MOTO BBS: 1444	OR, IO-360-ES 1.3	, S/N: 360158	July 07, 2022	
	C/W A	nnual In	spection	I.A.W. Ci	rrus SR2	0 Inspection Gu	ide and FAR 43 Appe	endix D.	
	•	Checked Compre Inspecte Ground	d Mag Tir ssion Ch ed exhaus run and	ming, clea ecks #1 7 st system leak chec	aned and 72/80 #2 7 , induction ks were r	gap spark plug 75/80 #3 73/80 n hoses, tubing normal	s. #4 72/80 #5 72/80 #6 , wiring, and cleaned	fuel nozzles.	
	in acc	ordance /ed for re	with an	annual/1	00-hour i	nspection and work performed	determined to be in are on file with BOLI	s repaired and/or inspected an airworthy condition and DAviation under work order:	·
	Ray H	utcheso	n Inspec	tion Autho	orization 3	377061269	Ray Huchuser		
	т				T	T			
						,			
$-\Box$	wo: WO_34							Engine · page 1 of 1	
—					BO	DLD Avia	tion		
				BOLDAviati	ion - 965 Airpo	ort Access Dr Greenw	ood, IN 46143 · 317-745-4422		
	N468PF	₹ ,	С	ONT MO	TOR, IO-	360-ES, S/N: E	NGINE SN TBD	July 07, 2022	
s _i	pected 1 eaned a 1/80 Ins	filter and and gap	d oil scre spark pl exhaust	een clear lugs. Co	new filte mpressior	er 48108-2 7 Q n Checks #1 72	TS 15W50 Aero She /80 #2 75/80 #3 73/8	nanged Oil and Filter In- ill checked Mag Timing, 0 #4 72/80 #5 72/80 #6 nozzles Ground run and	
in	accord	ance wi	ith an an	nual/100	-hour insp	pection and def	ermined to be in an	paired and/or inspected airworthy condition and riation under work order:	
_		haaan Ir	anastian	Authoria	ation 377	061260	1 At 1 h	*	
	ay Huic	neson ii	ispection	Authoriz	alion 377		- Hann		
(5/3) 43						g rym fren mgayy gragos i sana isanishi.		erroblester inchesses X (A (2)	
					a completion Valence	FARDY			
					4	MRKA Company,	viation_		
				4	4050 Rus	sia Road Elyria			
			440-3	323-7000		•	440-323-7098 (I	FAX)	
	N468	BPR	TAC	H: 1142.8		TSN: 1142.8	TSMO:1142.8	DATE: 03-27-23	
	Char Tool	nged engi	ine oil and ole and cut	filter. Serv	viced with 7 filter for ins	quarts of Phillips pection. Ops and	20W50 oil and new Temleak check satisfactory.	npest filter AA48108-2.	
					/				
	Jose	ph Mourtor	n A&P3682	899	ap	10			-
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Engine Service and Maintenance Record Date Time Since **Total Time** Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Min. Hrs. Modifications and Service Bulletins **Brought Forward MRK** Aviation Company, Inc. 44050 Russia Road Elvria, Ohio 44035 440-323-7098 (FAX) 440-323-7000 N468PR **TACH: 1142.8** TSN: 1142.8 TSMO:1142.8 DATE: 03-27-23 Verified Engine Model: IO-360-ES, Engine S/N: 360158, Crankshaft S/N: R53067-1 not listed in Continental MSB 23-01A crankshaft counterweight inspection. AD 2023-05-16 crankshaft counterweight inspection does not apply. No further action required.-Joseph Mourton A&P3682899 MRKAviation Company, Inc. 44050 Russia Road Elyria, Ohio 44035 440-323-7000 440-323-7098 (FAX) N468PR **TACH: 1168** TTE: 1168 DATE: 05-30-23 Changed oil/filter. Serviced engine with 7 gts Phillips 20W-50 Bernard Lyons 2671067 IA **IRK** Aviation Company, Inc. 44050 Russia Road Elyria, Ohio 44035 440-323-7000 440-323-7098 (FAX) **TACH: 1180.3** HOBBS: 1509.0 TSN: 1180.3 DATE: 07-14-23 N468PR Complied with ANNUAL INSPECTION in accordance with FAR 43 Appx. "D". AD researched through 2023-13, complied with AD 08-11-18 exhaust heat exchanger pressure test in accordance with SB 2X-78-07R1, next due 1280.3. AD 22-04-04 Stratus oil filter adapter is N/A not installed. Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Checked compression: #1 78/80, #2 72/80, #3 75/80, #4 75/80, #5 78/80, #6 77/80. Replaced left Magneto gasket P/N 649954. Installed Tanis engine pre-heat system P/N TSP6CYL-2927-115 in accordance with Tanis Aircraft Products STC # SE03309CH, FAA form 337 submitted. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.-James R. Schall 3399344 IA

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e Record cial Inspections,

44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR

TACH: 1201.7

HOBBS: 1539.5

TSN: 1201.7

DATE: 09-26-23

Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Cleaned breather air / oil separator. Ran engine and leak checked.-----

James R. Schall 3399344 IA



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR

TACH: 1219.6

HOBBS: 1562.6

TSN: 1219.6

DATE: 04-10-24

Benjamin Dougher A&P 4845863



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR

TACH: 1226.0

HOBBS: 1570.5

TSN: 1226.0

DATE: 04-25-24

Cylinder #2 EGT probe not working properly. Removed cylinder #2 EGT probe and cleaned probe. Reinstalled EGT probe and tied all wires back into place. Engine run up and probe function satisfactory. -----

Benjamin Dougher A&P 4845863





44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

N468PR

TACH: 1242.9

HOBBS: 1592.9

TSN: 1242.9

DATE: 07-03-24

Complied with ANNUAL INSPECTION in accordance with FAR 43 Appx. "D". AD researched through 2024-12, complied with AD 08-11-18 exhaust heat exchanger pressure test in accordance with SB 2X-78-07R1, next due 1342.9. Changed oil and filter, cut filter open and inspected. Serviced engine with 7 qts Phillips 20W50 X/C oil. Checked compression: #1 72/80, #2 74/80, #3 71/80, #4 74/80, #5 70/80, #6 66/80. Replaced oil filter adapter gasket P/N 653748. Replaced all 12 valve rocker gaskets P/N SA632310. Replaced induction air filter P/N BA-24. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

James R. Schall 3399344 IA

	Total	Time		Since verhaul			intenance R	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspect Modifications and S	ctions, Airworthiness Service Bulletins	Directives, Special Ins	spections,
rought Forward		→						
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		440-	-323-7000		sia Road Elyria, Ohio	44035 40-323-7098 (FAX)		
N46	8PR		H: 1246.7		BBS: 1598.2 ACTT: 1		-12-24	
						probe and replaced with	new egt	
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Ber	njamin Do	ougher A	&P 48458	63 <u>///</u>	mjumlin	Joughan		
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	N468PR	2	TACH:	1249.5	HOBBS: 1601.8	ACTT: 1249.5	DATE: 07-29-24	
						w 400*. Removed and in		
	plugs. RHM3	Found pl 8E spark	ugs in #1 o plugs in #	cylinder no 1 cylinder.	t firing correctly and fou Also checked and adjus	led. Removed and repla sted timing of RH mag. F	nced 2 each Removed #1 CHT	
	plugs. RHM3	Found pl 8E spark	ugs in #1 o plugs in #	cylinder no 1 cylinder.	t firing correctly and fou Also checked and adjus	led. Removed and repla	nced 2 each Removed #1 CHT	
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	plugs. RHM3 probe	Found pl 8E spark and reins	ugs in #1 of plugs in #1 of plugs in #1 original pl	cylinder no 1 cylinder.	t firing correctly and fou Also checked and adjus	led. Removed and repla sted timing of RH mag. F	nced 2 each Removed #1 CHT	
	plugs. RHM3 probe	Found pl 8E spark and reins	ugs in #1 of plugs in #1 of plugs in #1 original pl	cylinder no 1 cylinder.	of firing correctly and four Also checked and adjust 578-0010ps check satis	led. Removed and repla sted timing of RH mag. I sfactory. Temps normal.	nced 2 each Removed #1 CHT	
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	plugs. RHM3 probe	Found pl 8E spark and reins Mourton Ad	ugs in #1 of plugs in #1 of plugs in #1 original pl	cylinder no e1 cylinder. inal PN:16	of firing correctly and four Also checked and adjust 578-001Ops check satis	led. Removed and repla sted timing of RH mag. I sfactory. Temps normal.	nced 2 each Removed #1 CHT	
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	Joseph N468PR Custom attache	Found pl 8E spark and reins Mourton Ad her compil d to oil pi	ugs in #1 of plugs in #1 stalled orige. &P3682899_ TACH: 1 laint of no/	44050 7000 l266.2	MRKAV Company, In Russia Road Elyria, O HOBBS: 1623.4 M indication. Troubleshed of tach generator driv	iation c. Dhio 44035 440-323-7098 (FAX	DATE: 10-03-24	
	Joseph N468PR Custom attachereplaceopen fill	Found pl 8E spark and reins Mourton Ad her compl d to oil pi d drivesh ter and in	440-323- TACH: 1 laint of no/ ump and a laspected. S	44050 7000 l266.2 lerratic RPland gasket Serviced e	NRKAV Company, In Russia Road Elyria, (HOBBS: 1623.4 M indication. Troubleshed g for tach generator driving with new. Changed engine with 7 Qts. of Phil	iation C. Chio 44035 440-323-7098 (FAX ACTT: 1266.2 ot tach system. Found d /e worn out and slipping gine oil and filter. Took of lips 20W50 oil and new	DATE: 10-03-24 rive shaft Removed and bil sample. Cut AA48108-2 filter.	
	Joseph N468PR Custom attachereplaceopen fill	Found pl 8E spark and reins Mourton Ad her compl d to oil pi d drivesh ter and in	440-323- TACH: 1 laint of no/ ump and a laspected. S	44050 7000 l266.2 lerratic RPland gasket Serviced e	MRKAV. Company, In Russia Road Elyria, (Mindication. Troubleshe t with new. Changed en ngine with 7 Qts. of Phil	iation c. Chio 44035 440-323-7098 (FAX ACTT: 1266.2 bit tach system. Found dive worn out and slipping gine oil and filter. Took of	DATE: 10-03-24 Trive shaft I. Removed and bil sample. Cut AA48108-2 filter.	
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