

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

i. Approving Na Authority/	Country!	FAA FORM 8130-3, AIRWOR			PC #508		m Tracking Number:	
4. Organization Na	me and Address: The dayne Continental Motors, 2039 B	groad Street, Mobile, Alabama 36615	No. of the state o	Tuo Oursian		18495	der/Contract/Invoice Number: 5 0000045995	
1	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Numbe	π;	12. Status/Work:	
6. Item:		I0240B3	N/A	1	See Block	13 New		
1 13. Remarks: Export A Total Tit Preserva Serial/Batch Numbe Serial 1003084	me: 0 tion: This Engine was treated 09/22/	his Product meets the special required to for one hundred eighty days corrol of the Recupies o	ements (if applicable) sion protection.	of the importing co			New DA	
X Appro	ns identified above were manufactured in conformity to oved design data and are in condition for safe operation approved design data specified in Block 13. The same of the s	16. Approval/Authorization No.:	Certifies that unless	to service.	Other regulation of Federal Regulations, par	Block 12 and 11 43 and in res		
17. Name (Typed or Daniel L.	Printed):	DMIR-511010-CE 18. Date (m/d/y): Nov/12/2010	22. Name (Typed or P	rinled):		23. Date (r	n/d/y)	
			ller Responsibilitie	es		7 27 1		
Where the user 1, it is essential Statements in I	r/installer performs work in accordance all that the user/installer ensures that his	s document alone does not automatic the with the national regulations of an sher airworthiness authority accepts	airworthiness author parts/components/as	rity to install the pa ity different than th semblies from the a	e airworthiness author	hority of the	country specified in Block 1.	

ENGINE LOG

1. Make: TCM

2. Model: IO-240-B

3. Specification: IE-32

4. Manufacturer's Serial Number: 1003084

5. Date of Manufacture: Nov 2010

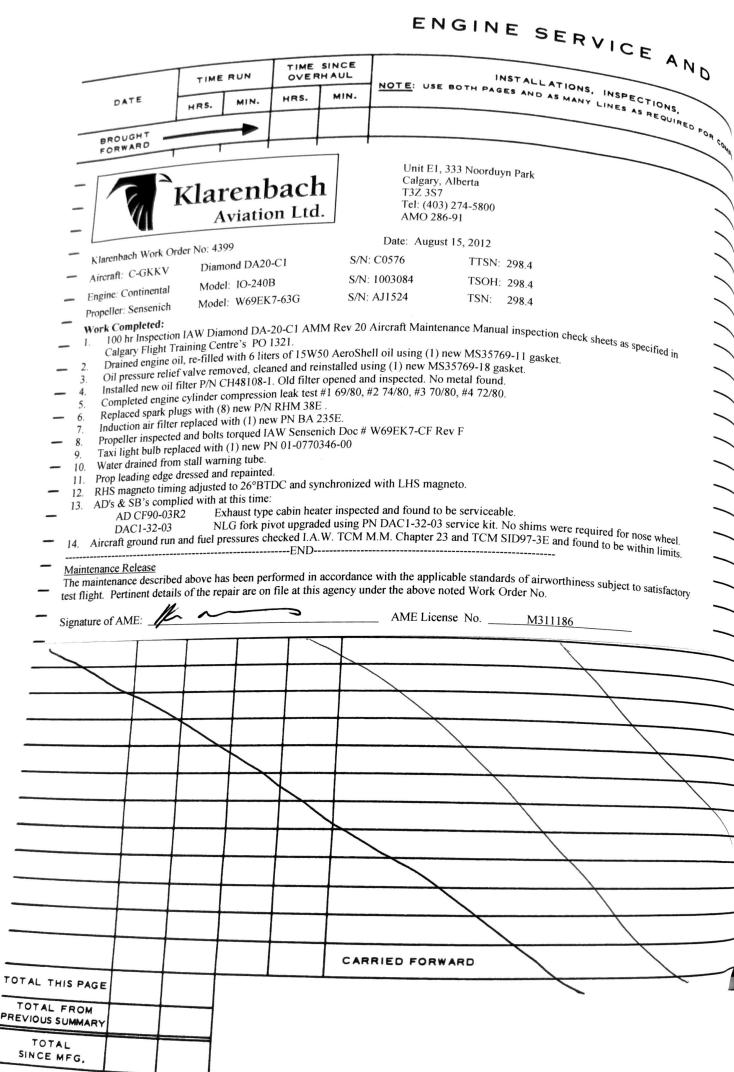
6. Aircraft Inspection Cycle:

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVED MANUFACTURER #161-93 D.O.T. APPROVED MANUFACTURER #161-93 Engine Foreial Number: C0578 Engine installed uney or Aircraft DA20-C1, SN. C0578 Engine installed uney or Aircraft DA20-C1, SN. C0578 Engine serviced off Sci. So C Philips 200/95 Type M* engine oil Engine serviced by AND check carried out to current revision 2011-02, all applicable AD's complied with Bit-weekly AND check carried out to current revision 2011-02, all applicable AD's complied with Bit-weekly AND check carried out to current revision 2011-02, all applicable AD's complied with Bit-weekly AND check carried out (AW the applicable Standard of Airworthiness) The work described above was carried out to current revision 2011-02, all applicable AD's complied with Bit-weekly AND check carried out (AW the applicable Standard of Airworthiness) Inspector (Intentionally left blank below this point) ENGINE: TCM 10-240-B SNN1003081 TOTAL TIME 17.5 ENGINE: TCM IO-240-B SNN1003081 TOTAL TIME 17.5 AMO NO. 256-91 DATE: JULIER - NO FAULT FOUND AMO NO. 256-91 DATE: JULIER - SPARK PLUGS, CHECKED MAG TIMING, CLEANED FUEL NOZ CROPELLER: SENSENICH W69EX: AG SNNALISA TOTAL TIME 38.2 AMO NO. 256-91 DATE: JULIER - NO FAULT FOUND AMO NO. 256-91 DATE: JULIER - NO FAULT FOUND AMO NO. 256-91 DATE: JULIER - NO FAULT FOUND FUEL ROYALD - SPROMOSOM TOTAL TIME 49.7 SORR INSPECTION COMPLETED LAW. DA20-CL M.M. AND CTC P. OW 1279 AND ADDITIONAL WORKSHEETS CHANGE OIL AND FILER 6 LTRS 20M50 PHILIPS INSTALLED, OH48103-FILER ON FUEL ROYALD - SPROMOSOM TOTAL TIME 49.7 SORR INSPECTION COMPLETED LAW. DA20-CL M.M. AND CTC P. OW 1279 AND ADDITIONAL WORKSHEETS CHANGE OIL AND FILER 6 LTRS 20M50 PHILIPS INSTALLED, OH48103-FILER ON FUEL ROYALD - SPROMOSOM TOTAL TIME 49.7 SORR INSPECTION COMPLETED LAW. DA20-CL M.M. AND CTC P. OW 1279 AND ADDITIONAL WORKSHEETS CHANGE OIL AND FILER 6 LTRS 20M50 PHILIPS INSTALLED, OH48103-FILER ON FUEL ROYALD - SPROMOSOM TOTAL TIME 49.7 SORR INSPECTION COMPLETED LAW. DA20-CL M.M. AND		TIME	RUN	OVER	SINCE	NOTE: USE	INSTALLATI	ONS, INSPECTIONS,
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Inspector	,	 Engine 	serviced	UE @ 25	hrs		ision 2011 02 all applie	able AD's complied with irworthiness.
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MARNING LITES ON PANEL STICK OF THE PERFORMED COMP TEST., CLEANED AND ROTATED SPARK PLUGS, CHECKED MAIG TIMING, CLEANED FOLL NOZEMBOR RUNNING ROUGH — PERFORMED COMP TEST., CLEANED AND ROTATED SPARK PLUGS, CHECKED MAIG TIMING, CLEANED FOLL NOZEMFORED FULL SYSTEM ADJUSTMENT AS PER 10-240 M.M. GROUND RUN AIRCRAFT — WITHIN MANUF. SPECS. the above discribed maintenance was performed in accordance with the applicable standards of airworthiness. AMO NO. 256-91 DATE: 12 JUly 2011 ENGINE: TCM 10-240-B S/N#1003084 TOTAL TIME 49.7 50 HR INSPECTION COMPLETED I.A.W. DAZO-C1 M.M. AND CFTC P.O# 1279 AND ADDITIONAL WORKSHEETS CHANGE OIL AND FILTER 6 LTRS 20W50 PHILIPS INSTALLED, CH48108-1 FILTER ON FUEL FLOW ADJUSTED AS PER SID97-32 The above described maintenance was performed in accordance with the applicable standards of airworthiness. SIGN: DATE: MARCH 2011 AMO NO. 256-91 LIC: MARCH 2012 LIC: MARCH 2012 DATE: DATE: MARCH 2011 AMO NO. 256-91 LIC: MARCH 2012 LIC: MARCH 2012 DATE: DAT	Lic. Tri To	- 1				_ У		2
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TAL FROM	ROPELLER: SEI WARNING LITES CE ENGINE RUNNING ERFORMED FUEL GROUND RUN AI he above describ IGN: ENGIN 50 HR I CHANG FUEL FI The above	NSENICH V ON PANEL ST G ROUGH – I SYSTEM AD. RCRAFT – W ed maintenan G 296 IE: TCM IO NSPECTION II IE OIL AND FI OW ADJUST OVER DESCRIBED	-240-B S/COMPLETE ED AS PER d maintena	D COMP TE AS PER IO- IUF. SPECS. rformed in N#1003084 D I.A.W. DA IS 20W50 P SID97-3E nce was per	J1524 TOT JUNTING HO EST., CLEAN 240 M.M. accordance AMO N DATE:	CAL TIME 38.2 DLES IN PANEL TO ED AND ROTATE with the applica to 256-91 TO TIME 49.7 II. AND CFTC P.O CALLED, CH48108 accordance with AMO NO. 2	D FIT SWITCHES PROPERLY D SPARK PLUGS, CHECKED N ble standards of airworthines 26 \ # 1279 AND ADDITIONAL W 15 FILTER ON the applicable standards of a	ORKSHEETS
OUS SUMMARY	ROPELLER: SE WARNING LITES CENGINE RUNNING ERFORMED FUEL GROUND RUN AITHER above descributed in the above described in th	NSENICH V ON PANEL ST G ROUGH – I SYSTEM AD. RCRAFT – W ed maintenan G 296 IE: TCM IO NSPECTION II IE OIL AND FI OW ADJUST OVER DESCRIBED	-240-B S/COMPLETE ED AS PER d maintena	D COMP TE AS PER IO- IUF. SPECS. rformed in N#1003084 D I.A.W. DA IS 20W50 P SID97-3E nce was per	J1524 TOT JUNTING HO EST., CLEAN 240 M.M. accordance AMO N DATE:	CAL TIME 38.2 DLES IN PANEL TO ED AND ROTATE with the applica to 256-91 TO TIME 49.7 II. AND CFTC P.O CALLED, CH48108 accordance with AMO NO. 2	D FIT SWITCHES PROPERLY D SPARK PLUGS, CHECKED N ble standards of airworthines 26 \ # 1279 AND ADDITIONAL W 15 FILTER ON the applicable standards of a	ORKSHEETS
TOTAL	ROPELLER: SEI WARNING LITES O ENGINE RUNNING ERFORMED FUEL GROUND RUN AI he above discrib IGN: ENGIN SO HR I CHANG FUEL FI The abo SIGN: LIC: THIS PAGE	NSENICH V ON PANEL ST G ROUGH – I SYSTEM AD. RCRAFT – W ed maintenan G 296 IE: TCM IO NSPECTION II IE OIL AND FI OW ADJUST OVER DESCRIBED	-240-B S/COMPLETE ED AS PER d maintena	D COMP TE AS PER IO- IUF. SPECS. rformed in N#1003084 D I.A.W. DA IS 20W50 P SID97-3E nce was per	J1524 TOT JUNTING HO EST., CLEAN 240 M.M. accordance AMO N DATE:	CAL TIME 38.2 DLES IN PANEL TO ED AND ROTATE with the applica to 256-91 TO TIME 49.7 II. AND CFTC P.O CALLED, CH48108 accordance with AMO NO. 2	D FIT SWITCHES PROPERLY D SPARK PLUGS, CHECKED N ble standards of airworthines 26 \ # 1279 AND ADDITIONAL W 15 FILTER ON the applicable standards of a	ORKSHEETS

	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS,
DATE	HRS.	MIN.	HRS.	MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FO
BROUGHT		-			
FORWARD	1				
ENGL	NE TCM I	O-240-B S	S/N#10030	84 TOTA	AL TIME 62.7 FTC P.O# 1281 AND ADDITIONAL WORKSHEETS
WORK	COMPLETE	D I.A.W. D	A20-C1 M.	M. AND CF	FTC P.OF 1281 AND ADDITIONAL WORKSHEETS REF TEST RESULTS:
PERFO	RM MASTE	R GAUGE 1 A/C GA	F21 LOV O	IL PALSSOI	RE, TEST RESULTS: MASTER GAUGE
IDLE		30psî			38psi
1700 F		40psi			52psi 60psi
	HROTTLE	45psi NIGNE OIL	WITH AER	OSHELL 15	5W50 – OWNER SUPPLIED OIL in accordance with the applicable standards of signosthic accordance.
The ab	ove desoribe	d mainten	ance was p	erformed 1	in accordance with the applicable standards of airworthiness.
sign:	Tro	$t \sim r$	Jun		AMO NO. 256-91
	MF	892	96		_ DATE: Suga/11
LIC:	IN	1010	10		
	1	T			
ENGINE: TO	M IO-240-	B S/N#10	03084 TC	TAL TIM	Æ 80.9
WORK COMP	LETED I.A.W	. DA20-C1	M.M. ANI	O CFTC P.O	O# 1284 AND ADDITIONAL WORKSHEETS
REPLACE OIL	SENDER ANI	D PRESSUR	E GAUGE -	- OWNER S	SUPPLIED
REASSEMBLE				KEINIONE B	BROKEN SENDER UNIT FITTING.
INSTALLED ON					
GROUND RUN The above des	AIRCRAFT -	- NO FAUL	T FOUND	ed in seco	andones with the second second
	Dest	A i	is perioriii	ed in accor	ordance with the applicable standards of airworthiness.
SIGN:	v C	Λ,		A	AMO NO. 256-91
LIC:	1887	37		D	DATE: LUCIO/U
		,			DATE: Aug 18/11 -
		T		- T	
				1	Unit E1, 333 Noorduyn Park
K	lare	nha	ch		Calgary, Alberta
					T3Z 3S7
101	Avia	ation	Ltd.		Tel: (403) 274-5800 – AMO 286-91
					-
Klarenbach Work Order	No: 4240				Date: September 1, 2011
Aircraft: C-GKKV	Diamond	DA20-C1		S/N: C0	C0576 TTSN: 100.0
Engine: Continental	Model: IC)-240B		S/N: 10	003084 TSOH: 100.0
Propeller: Sensenich	Model: W	69EK7-63	g	S/N: AJ	J1524 TSN: 100.0
 Calgary Flight Train Drained engine oil, r Installed new oil filte Completed engine cy 	ing Centre': e-filled with r P/N CH4: linder comp	s Small Ai n 6 liters of 8108-1. Ol pression le	rcraft Mai f 15W50 / d filter op ak test #1	ntenance S AeroShell of ened and in 75/80, #2	ircraft Maintenance Manual inspection check sheets as specified in Schedule Approval and PO 1283. oil. inspected. No metal found. 76/80, #3 73/80, #4 74/80. with new gaskets P/N M674.
6. Induction air filter re	placed with	(1) new Pl	N BA 235	F	
Propeller inspected at AD's complied with a	nd bolts tore	qued IAW	Sensenich	Doc# We	/69EK7-CF Rev F
AD CF90-03R2	u unis time: Exhaust tvi	ne cabin he	eater inche	ected and f	found to be serviceable.
incrait ground full al	id luel pres	sure check	ed I.A.W	TCM M N	M Chanter 23
laintenance Release			END		
ne maintenance described	above has b	een perfoi r are on fil	rmed in ac	cordance v	with the applicable standards of airworthiness subject to satisfactory der the above noted Work Order No.
gnature of AME:	10				AME License NoM427665
4	V				7 1 1 1 LICENSE 140. NITZ/003
TOTAL	+	≓			w.
TOTAL	1				

	TIME	TIME RUN OVERHA				INSTALLATION	ATIONS, INSPECTIONS,		
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BROUGHT							COM COM		
FORWARD	The second	Klar	enb	ach	Calgary. A	274-5800			
			0	Date: Sept	tember 26, 2011				
	bach Work Ord	ler No: 425	ond DA20-		S/N: C0576	TTSN: 148.3			
	ft: C-GKKV		: IO-240B		S/N: 1003084	TSOH: 148.3	,		
	: Continental er: Sensenich	Model	W69EK7	7-63G	S/N: AJ1524	TSN: 148.3	,		
1. 5 C 2. D 3. In 4. LH	hr Inspection halgary Flight Trained engine of stalled new oil is MLG Tire reasonable for the second of the second	aining Cen il. re-filled filter P/N C placed with placed with n and chec	with 6 liter H48108-1 h PN 505C h PN 505C ked for lea	rs of 15W50 Old filter of 666-5. SN 10 666-5. SN 10	AeroShell oil. pened and inspected. No 2732426 and tube PN 092 2082306 and tube PN 092	metal found.	on check sheets as specified in		
The main	ance Release itenance describ Pertinent deta	ned above h	nas been po epair are o	erformed in	agency under the above i	loted Work Order 14	rworthiness subject to satisfactory 0.089587		
Signature	of AME:	MEAN	no		AIVIE LICEI	ise NoIVI	089387		
	1	1	1 -	T					
	Klar	enb viatio			Unit E1, 333 Noor Calgary, Alberta T3Z 3S7 Tel: (403) 274-580 AMO 286-91				
Klarenbach Work				ctober 13, 2	011		_		
Aircraft: C-GKK		ond DA20-		S/N:	C0576 TTSI	N: 163.3			
Engine: Continent		: IO-240B				H: 163.3			
Propeller: Sensenio	th Model: djusted to 1000	W69EK7	'-63G	S/N: A	AJ1524 TSN:	163.3			
			END)					
Maintenance Releating The maintenance de test flight. Pertinent Signature of AME:	scribed above	has heen n	erformed i on file at th	n accordanciis agency u	the with the applicable star ander the above noted Wo AME License No.	ndards of airworthin rk Order No.			
		<u> </u>			AME LICENSE NO.	M4277665)		
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			TIME	SINCE		INSTALL ATION	S, INSPECTIONS,	MA
	TIME	RUN	OVER	HAU	NOTE: USE BOTH P	GES AND ASMAN	S, INSPECTIONS, Y LINES AS REQUIRED FOR COMP.	
DATE	HRS.	MIN.	HRS.	MIN.				MITRIES, ORAN AC
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ORWARD			-			33 Noorduyn Park		5
			1.	ach	T3Z, 3S7			
	-1	clar	enb	acii	Tel: (403)	274-5800		
- 1	/// ·	Δ	viatio	n Ltd.				1
-	111				Date: Januar	y 12, 2012		1
_	ach Work Ord	ler No: 42	99		S/N: C0576	TTSN: 198.3		
Klarenbi	ach Work Or	Dian	nond DA20	-C1	S/N: 1003084	TSOH: 198.3		
Aircraft:	C-GKKV	N d a d	al: 10-240	В	S/N: AJ1524	TSN: 198.3		1
Engine:	Continental				5/N. 731521			
Propelle	r: Sensenion			1534-20	0-C1 AMM Rev 19 Aircra	ft Maintenance Man	ual inspection check sheets as specified gasket.	
Work C	ompleted: mual/200 hr l	nspection	IAW Dian	PO 1297.	V50 AeroShell oil using (1 reinstalled using (1) new N	new MS35769-11	zasket.	,
in	Calgary First	16 110000000000000000000000000000000000	1 .: 44 6 1	iters Of 12 V	V 30 / Croisment	1025760-19 aasket		
- 2. Dr	ained engine	ief valve r	emoved, cl	eaned and	er opened and inspected.	No metal found.		0
- 3. Oi 4. Ins	stalled new or	filter P/N	or compres	sion leak to	reinstalled using (1) new Neer opened and inspected. It set #1 72/80, #2 73/80, #3 and re-installed with new general results.	/5/80, #4 /4/80. askets P/N M674.	STEER 359 032 060 090 122 15	1
E Co	mnicted engi	ille cymia	1	ad tested f	and re-installed with here	Marketon x 1 c · · · · · · · · ·	FCR S 210 240 W 300 33 STEER 181 211 240 272 300 33	
6. Ke	Assetton 91f III	ici icpiaci					DATE: January 12, 2012 Radios Or	
8. Idl	e RPM adjus	complete	ed and new	compass c	orrection card installed.		M31118	1
- 9. Co	chometer acc	curacy vei	mica and	70 and tub	e removed and replaced w	ith (1) new PN		
11. NI	G tire PN 50	04C61-2,	SN 816104	new PN 3	302-005-400 tube. moved, recertified and rein	. 11-4 Decertificati	on performed by Canadian Avionics	
50 12. M	OT 406 ELT !	2N 453-00	503, SM 13	1-00020 10		istalled. Receitificad	on performed by Canadian Avionics	
ur	der Work Or	der# A1/	81/. Danc	iy due out	m 1 0 ((10 (00 ucing	(12) new 105-00200	rivets.	
_ 13. LH	HS and RHS	brake linu earings re	ngs repiace moved, cle	aned, inspe	new PN 066-10600 using of the center of the	ed. No defects found	1.	
15 Dr	oneller inspe	cted and t	olts torque	U IAW SCI	nsenich Doc # W69EK7-C	r Kev r		
16 Ti	rst aid kit ins re extinguish	nected and	a touna co	mpiete.			*	
17. Fi		* . 1 1.				111-		
	AD CEOO	02D2 E.	houset type	cabin heat	er inspected and found to	er 23.		
19. A	ircraft ground nding Defect	d run and	fuel pressu	re checked	I.A.W. TCM M.M. Chap	.01 25.		_
			s overhaul.	Parts on o	rder.		bulletin to fix this known issue.	
_ 2. Fr	uel gauge rea	ding low l	below 1/2 fu	II. Diamon	d contacted and they are very service.	vorking on a service	bulletin to fix this known issue.	
- Mainte	nance Release	e					1. accomplis	hed
I have	conducted an	inspection	n for confo	rmance to	the type of the flight/power	erplant controls that	were affected by the work accomplish	
1.	1/4.// 11	// / /	-		License iv	0. 1413111	00	
The ma	intenance de	scribed at	ove has he	en perform	ned in accordance with the	applicable standard	ls of airworthiness subject to satisfact	lory _
test flig	ht. Pertinent	details of	f the repair	are on file	at this agency under the a	bove noted Work O	rder No.	
Signati	ure of AME:	R	-0		<u> </u>	E License No	M311186	
_	11411.				AM	E LICEISE NO	1419.1.10	
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ENGINE SERVICE

				TRVICE
	TIME RUN	TIME SINCE OVERHAUL		Unit E1, 333 Noorduyn Park
DATE	HRS. MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY, INSPE
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FORWARD	1 1	1		REO FOR
	Klarenb Aviation			Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 3S7 Tel: (403) 274-5800 AMO 286-91



AMO 286-91

Klarenbach Work Order No: 4459 Aircraft: C-GKKV

Diamond DA20-C1 Model: IO-240B (3)

Date: December 7, 2012 S/N: C0576 TTSN: 322.1

S/N: 1003084

TSOH: 322.1 TSN: 322.1

Engine: Continental Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524 Fire extinguisher inspected and found to be serviceable Starter vibrator battery replaced with (1) new PN LC-R121R3P.

First Aid kit inspected and found to be complete

Survival kit inspected and found to be complete IAW CAR 602.61(1)(a) through (d).

Survival kit inspected and tound to be complete 12th CAN 002.01(1)(a) unough (u).

Fuel cap overhauled using (1) new PN OHK-3 kit IAW DA-20-C1 AMM section 28-10-00 Page 206.

Compass swing performed and new compass card installed

AD's complied with at this time:

STEER 181 211 239 270 301 329 AWD 2012-03-06 Failed fuel servo diaphragm. Not Applicable. AvStar parts not installed.

B&C Starter PN BC320-1, SN 08094560S replaced with (1) new Sky-Tec PN C12ST2/S, SN 2CC-221277 IAW PMA PQ0852SW

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test

a:ah. Destinent details of the repair are porfile at this agency under the above noted Work Order No. The maintenance described above has been performed in accordance with the applicable standards of flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME:

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per 7, 2012 Radios On M471500



Unit E1, 333 Noorduyn Park

Calgary, Alberta

T3Z 3S7 Tel: (403) 274-5800

AMO 286-91

Klarenbach Work Order No: 4472 Aircraft: C-GKKV

Diamond DA20-C1

Date: Jan. 18, 2013

Model: IO-240B

S/N: C0576

TTSN: 347.8

Engine: Continental Propeller: Sensenich

S/N: 1003084

Model: W69EK7-63G

Work Completed:

TSOH: 347.8 50 hr Inspection IAW Diamond DA-20-C1 AMM Rev. 21 Aircraft Maintenance Manual inspection check sheets as specified in

Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket. Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found. Propeller inspected and bolts torqued IAW Sensenich Doc # W69EK7-CF Rev F

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the renair are on file at the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME:

AME License No. M089587 CARRIED FORWARD

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PREVIOUS SUMMARY			
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REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENCE
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Entered by Tom M'CORDIC (A325063)	Tn/1	CA325033
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AAVIMUM HOURS BETWEEN OVERHAULS HOURS

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	TIME	RUN	OVERHAUL	NOTE: USE B	INSTALLATIONS. IN OTH PAGES AND AS MANY LIN , 333 Noorduyn Park , Alberta	_ ,,,,
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	KI	arei	IDacii	Tal: (40	7 93) 274-5800	
	T WY	Avia	tion Ltd.	AMO 2	86-91	
_ 1		AVIG				
		10: 4497		Date: Marc	ch 13, 2013	
Klarenbach Wor	k Order N	Diamond E	DA20-C1	S/N: C0576	TTSN: 396.8	
Aircraft: C-GK			240R	S/N: 1003084	TSOH: 396.8	
Engine: Continer	ntal	Model: IO	-240B	S/N: AJ1524	TSM: 396.8	
Engine: Commo	ich	Model: We	69EK7-63G		TSN: 396.8	
Propeller: Sensen	d.	0		1 AMM Rev. 21 Aircr	aft Maintenance Manual inspection 1) new MS35769-11 gasket. No metal found.	
Work Complete	hr Inspect	tion IAW D	es PO 1334	•	Manual inspection) ob
in Calgary F	light Trai	ning Cenuc	6 liters of 15W50	AeroShell oil using (1) new MS35769-11 gasless	check sheets as
2. Drained eng	ine oil, re	P/N CH48	108-1. Old filter of	opened and inspected. 1 1 72/80, #2 74/80, #3	1) new MS35769-11 gasket. No metal found.	as specifi
3. Installed nev	v oil filler	inder comp	ression leak test #	t1 72/80, #2 74/80, #3 7 re-installed with new g	73/80, #4 72/80.	
4. Completed e	ark nlugs,	cleaned, ga	apped, tested and	re-installed with new g	gaskets P/N M674.	
1 4:00 91	THICH I CP	4.0	. '.1 (1)	DN 066-10600 using (17) nov. 105 0000	
	\ make "			aroughd and rainctalla	12) new 105-00200 rivets. ed. No defects found.	
- C - wheels	nearings	1 Cinc	IXI C	ich Doo # W/60EK 7 CE	Pow E	
9 Propeller insp	ected and	to LHS &	RHS wing tips s	ealed with L285/H286	resign and painted.	
10. Minor abrasiv	d with at	this time:				
— 11. AD's complie	AD CI	90-03R2 H	Exhaust type cabi	n heater inspected and	found to be serviceable.	
Evel setup vet						
12. Fuel setup ver 13. Aircraft groun	d run and	checked f	or leaks. None to	una.		
Maintenance Releas	e/ / /	Ich las	mance to the tv	ne of the flight/powern	plant controls that were affected b	
I have conducted an	inspectio	in ide come	offinance to the ty	p• o	barrent dia were affected b	the work
I have com	1///			License	e No.: M471500	accomplished accomplished
- Signature:	VY VYU	WW.		accordance with the ar	No.: M471500	
The maintenance des	cribed ab	ove has be	ore on file at this	agency under the above	pplicable standards of airworthine ve noted Work Order No.	ss subject to sation
test flight. Pertinent	details of	the repair	are on the at this	agency and are are	work Order No.	satisfacto
	111/			AME I	License No.:M311186	
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1	\mathbf{K}	lare	nba	ch	Calgar T3Z 35	y, Alberta				
1)			ation		Tel: (4	03) 274-5800				
	•	AVI	ation	Ltu.	AMO 2	286-91				
Klarenbach V	Vork Order	No: 4512			Date: May	8, 2013				
Aircraft: C-C	KKV	Diamond	DA20-C1		S/N: C0576	TTSN	: 446.2			
Engine: Conti	nental	Model: I	O-240B		S/N: 1003084		I: 446.2			
Propeller: Sen		Model: V	V69EK7-63	3G	S/N: AJ1524	TSN:	446.2			
Work Compl	eted:		W Dia	ADA 20	C1 AMM Rev. 21 A	iroraft Mainta	nanca Ma	mual increasion ch	eck cheets a	
		mpleted IA / Flight Tra				irciait iviailite	nance Ma	muai mspection ch	con sheets as	
Drained	engine oil a	and re-filled	with 6 lite	ers of 15W	50 AeroShell oil usir			l gasket.		
					ened and inspected. h Doc # W69EK7-C		1d.			
Aircraft	ground run	and checke	d for leaks	. None fou	nd.					
Maintenance F				END						
The maintenar	ce describe	ed above ha	s been perf	formed in a	ccordance with the a	pplicable star	dards of	airworthiness subj	ect to satisfactory	
test flight. Per	tinent detai	ls of the rep	valir are on i	file at this	agency under the abo	ove noted Wo	rk Order 1	No.	,	
Signature of A	ME:	JWG P	n/h/N		AME	License No	M47150	0		
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TOTAL FROM

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Unit E1, 333 Noorduyn Park

Calgary, Alberta

T3Z 3S7

Tel: (403) 274-5800 AMO 286-91

Klarenbach Work Order No: 4559

Date: Aug. 21, 2013 S/N: C0576 TT

TTSN: 495.7

Aircraft: C-GKKV Engine: Continental Diamond DA20-C1

S/N: 1003084

TSOH: 495.7

Propeller: Sensenich

Model: IO-240B Model: W69EK7-63G

S/N: AJ1524

TSN: 495.7

Work Completed:

- 100 hr Inspection IAW Diamond DA-20-C1 AMM Rev. 21 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1346
- 2. Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- 3. Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found. Oil sample taken for SOAP.
- Removed left and right magneto S/N 09030334 & 09041651 500 hr. inspection carried out by Stauffer Aero WO# 13-5577 and reinstalled.
- 5. Completed engine cylinder compression leak test #1 76/80, #2 72/80, #3 72/80, #4 76/80.
- 6. Removed spark plugs, cleaned, gapped, tested and re-installed with new gaskets P/N M674.
- 7. Induction air filter replaced with (1) new PN BA 235E.
- 8. LHS and RHS brake linings replaced with (4) new PN 066-10600 using (12) new 105-00200 rivets.
- 9. Installed new nose wheel tire P/N 504C61-2 and tube P/N 302-005-400.
- 10. Installed new L/H & R/H main wheel tires P/N 505C66-5 and tubes P/N 092-308-0.
- 11. MLG wheels bearings removed, cleaned, inspected, greased and reinstalled. No defects found.
- 12. Propeller inspected and bolts torqued IAW Sensenich Doc # W69EK7-CF Rev F. Propeller re-painted.
- 13. New CO detector installed P/N ASA-CO-D.
- 14. AD's complied with at this time:

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

AD CF90-03R2 Exhaust type cabin heater inspected and found to be serviceable.

- 15. Fuel setup carried out IAW Teledyne Continental SID97-3E.
- 16. Aircraft ground run and checked for leaks. None found.

	Maintenance Relea		on for conf	ormance to	the type of	the flight/powerplant controls that were affected by the work accomplished.						
	The maintenance d	gnature: License No.: 476220 ne maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory st flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.										
	test flight Pertiner	nt details o	f the renair	are or file	at this ager	ncy under the above noted Work Order No.						
	Signature of AME:		ares	en		AME License No.: 089587						
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Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 3S7 Tel: (403) 274-5800 AMO 286-91

Klarenbach Work Order No: 4591

Date: Nov 29, 2013

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 546.4

Engine: Continental

Model: 10-240B

S/N: 1003084

TSOH: 546.4

Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524

TSN: 546.4

Work Completed:

- 50 hr. Inspection completed IAW Diamond DA-20-C1 AMM Rev. 21 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1352
- Drained engine oil and re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- 3. Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- 4. Propeller inspected and bolts torqued IAW Sensenich Doc # W69EK7-CF Rev F
- Installed engine battery PN: Y50N18L-A-CX IAW DA20-C1 AMM 24-31-00 Battery Maintenance Practices.
- Fire extinguisher inspected, no defects found
- First Aid Kit inspected, no defects found
- 8. Survival Kit inspected, found to be compete
- Tachometer check competed, no defects found
- 10. Compass swung, new deviation card installed
- 11. Newton Fuel Cap overhauled with kit PN: OHK3
- 12. ELT recertified under Canadian Avionics Work Order # 112913
- 13. Updated GNS430 Software version to 5.03. IAW Garmin SB 1317 Revision B

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4. Aircraft ground run and checked for leaks. None found.

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Maintenance Release

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The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

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Klarenbach Work O Aircraft: C-GKKV Engine: Continental Propeller: Sensenich Work Completed: 1. 50/100/200 hr in Calgary Flig 2. Drained engin 3. Installed new of the completed engin 4. Cylinder #2 Esserviceable, re 5. Completed engin 6. Removed spar 7. Induction air f 8. LHS and RHS 9. LHS and RHS 10. MLG wheels of the completed Di 11. Propeller insp 12. Completed Di 13. Aircraft groun 14. AD's complied 15. Fuel setup ver	Prder No: 46 Dian Mod Inspection ght Training e oil, re-fill oil filter P/b xhaust valv eplaced rock gine cylinde k plugs, cle filter replace b brake linir b brake disk	el: 10-240 el: W69E IAW Dian g Centre's ed with 6 l N CH4810 e found to ter box cov	DB K7-63G nond DA-20 PO. 1364 iters of 15W 8-1. Old filte	S/N: S/N: S/N:	Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 3S7 Tel: (403) 274-5800 AMO 286-91 Date: April 8, 2014 I: C0576 TTSN: 594.3 I: AJ1524 TSOH: 594.3 I: AJ1524 TSN: 594.3
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Aircraft: C-GKKV Engine: Continental Propeller: Sensenich Work Completed: 1. 50/100/200 hr in Calgary Flig 2. Drained engin 3. Installed new 4. Cylinder #2 E- serviceable, re 5. Completed eng 6. Removed spar 7. Induction air f 8. LHS and RHS 9. LHS and RHS 90. LHS and RHS 101. MLG wheels l 112. Completed Di 113. Aircraft groun 114. AD's complied 115. Fuel setup ver	Dian Mod Inspection ght Training e oil, re-fill oil filter P/N xhaust valv splaced rock gine cylind rk plugs, cle filter replace brake linir brake disk	el: IO-240 el: W69E IAW Dian g Centre's ed with 6 l N CH4810 e found to	DB K7-63G nond DA-20 PO. 1364 iters of 15W 8-1. Old filte	S/N: S/N: -C1 AMM	I: C0576 TTSN: 594.3 I: 1003084 TSOH: 594.3 I: AJ1524 TSN: 594.3
Engine: Continental Propeller: Sensenich Work Completed: 1. 50/100/200 hr in Calgary Flig 2. Drained engin 3. Installed new (4) 4. Cylinder #2 Exserviceable, re 5. Completed engin 6. Removed spar 7. Induction air f 8. LHS and RHS 9. LHS and RHS 10. MLG wheels I 11. Propeller insp 12. Completed Di 13. Aircraft groun 14. AD's complied	Mod Inspection ght Training e oil, re-fill oil filter P/ xhaust valv eplaced rock gine cylinde k plugs, cle filter replace b brake linir b brake disk	el: 10-240 el: W69E IAW Dian g Centre's ed with 6 l N CH4810 e found to ter box cov	DB K7-63G nond DA-20 PO. 1364 iters of 15W 8-1. Old filte	S/N: S/N: -C1 AMM	I: 1003084 TSOH: 594.3 I: AJ1524 TSN: 594.3
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Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 3S7 Tel: (403) 274-5800

Klarenbach Work Order No: 4680

Date: Aug 14, 2014

AMO 286-91

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 643.4 6439 Corrected for missed

Engine: Continental

Model: IO-240B

S/N: 1003084

Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524

Work Completed:

- 50hr Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1375
- Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- Induction air filter was replaced with (1) new PN BA 235E.
- Propeller inspected and bolts torqued IAW Sensenich Doc # W69EK7-CF Rev F.
 - Installed Push-to-start ignition switch P/N 10-357210-1 as per SB DAC1-74-03 R2.
- 15. L/H and R/H wing root tape replaced with new P/N 4811-1-1-2.
- Aircraft ground run and checked for leaks. None found. Ignition switch operated normal.

-----END-----Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

ACA No.:



Unit E1, 333 Noorduyn Park

Calgary, Alberta

T3Z 3S7

Tel: (403) 274-5800

AMO 286-91

Klarenbach Work Order No: 4712

Date: Dec 17, 2014

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 693.4

Engine: Continental

Model: IO-240B

S/N: 1003084

TSOH: 693.4

Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524

TSN: 693.4

Work Completed:

- 50/100 Hr.Inspection IAW Diamond DA-20-C1 AMM Rev. 21 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1382
- Drained engine oil, re-filled with 5 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- Completed engine cylinder compression leak test #1 72/80, #2 74/80, #3 72/80, #4 75/80.
- Removed spark plugs, cleaned, gapped, tested and re-installed with new gaskets P/N M674.
- Induction air filter replaced with (1) new PN BA 235E.
- 200 hour fuel screen (TCM) inspected, cleaned, and reinstalled with new packing.
- Installed new starter vibrator battery P/N LC-R121R3P.
- Inspected and cleaned engine fuel filter and re-assembled with new oring P/N MS9021-020
- Aircraft ground run and checked for leaks. None found.
- 11. AD's complied with at this time:

AD CF90-03R2 Exhaust type cabin heater inspected and found to be serviceable.

12. Fuel setup verified IAW Teledyne Continental SID97-3E.

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Maintenance Release	

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I have conducted an inspection for conform	nance to the type of the flight/powerplant controls that were affected by the	e work accomplished.
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repair are on file at this agency under the above poted Work Order No.

Signature of AME: Mauntoch	AME License No.:	189587
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Klarenbach V	Vork Order N	o: 4759			Date: Ma	y 5, 2015
Aircraft: C-C	KKV	Diamond I	DA20-C1		S/N: C0576	TTSN: 743.1
Engine: Cont	nental	Mode: IO	-240B		S/N: 1003084	TSOH: 743.1
Work Compl 1. 50hr Ins Calgary 2. Drained 3. Installed 4. Propelle 5. Aircraft	senich eted: pection IAW Flight Training engine oil, re new oil filter inspected ar	Diamond ing Centre's filled with P/N CH4 and bolts for and checked	s PO. 1398 n 6 liters of 8108-1. Ol qued IAW l for leaks.	AMM Rev	eroShell oil using (1) ened and inspected. No Doc # W69EK7-CF F	TSN: 743.1 ance Manual inspection check sheets as specified in new MS35769-11 gasket. metal found. Rev F.
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Y			iation) 274-5800 5-91		
Klarenbach	Work Orde	r No: 4809			Date: Se	pt.14, 2015		
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L					Calgary, Alberta T3 (403) 274	
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- K	larenbach Work Order	No: 4838	Date: De	ec. 22, 2015		-
— A	ircraft: C-GKKV	Diamond DA20-C1	S/N: C0576	TTSN: 842.5		
	ngine: Continental	Model: IO-240B	S/N: 1003084	TSOH: 842.5		
	ropeller: Sensenich Vork Completed:	Model: W69EK7-63G	S/N: AJ1524	TSN: 842.5		
— i	. 50 hr Inspection L	AW Diamond DA-20-C1 AMN ining Centre's PO. 1420.	1 Rev. 22 Aircraft Mainte	nance Manual inspection check	k sheets as specified in	
- 2	. Drained engine oil	l, re-filled with 6 liters of 15W5 liter P/N CH48108-1. Old filter				
- 3	. Propeller P/N- W6	9EK7-63G, S/N- AJ1524 remo	oved and sent to Aero proj	peller for 5 year inspection. Pro-	op re-installed onto engine	
- ,	SV.	AW Sensenich Doc # W69EK		nd run, bon torque rechecked,		0 150
$-\frac{5}{6}$. Survival kit inspec	cted for contents, found to be contents, found to be contents, found to be contents.	omplete, SV.		FOR S 210 240 W 30	
$\frac{7}{8}$. Newton fuel cap o	nspected and weighed at 2 lbs. verhauled with overhaul kit P/N	N- OHK3, no leaks SV.	V.	STEER 181 211 239 270 30 DATE: Dec 22, 2015, Radios On	
	Compass swing pe	acy check completed and found rformed and new deviation care	d installed.			
-		n and checked for leaks. None t	found.)			
<u>N</u>	Maintenance Release	bed above has been performed i			ness. Pertinent details of the	-
re	pair are on file at this a	agency under the above noted V	Vork Order No	icense No.: 830408	a commo de allo	-
2	-b-mule of Alvie.		AME L	icense No.: 030-108		

	TIME	RUN	The second second	SINCE		INSTAL	LATIONS, INSPECTIONS, D AS MANY LINES AS REQUIRED FOR COL
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BO	TH PAGES AN	D AS MANY LINES AS REQUIRED FOR
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	K		enb	ach n Ltd			Unit E1, 333 Noorduyn Calgary, Alberta 73 (403) 274
	•						(33) 2/4
Klarenbach W	ork Order	No: 4863			Date: M	1ar 16, 2016	
Aircraft: C-G	KKV	Diamond	DA20-C1		S/N: C0576	TTSN: 8	92.2
Engine: Conti	nental	Model: I	O-240B		S/N: 1003084	TSOH: 8	392.2
Propeller: Sen	senich	Model: V	W69EK7-6	3G	S/N: AJ1524	TSN: 8	
Work Compl	eted:						inual inspection check sheets as specified in
3. Installed 4. Complet 5. Remove 6. Inductio 7. Exhaust 8. AD's and 9. Engine of SID97-3 10. Aircraft	I new engine of d spark plu n air filter i muff heat of d SB's com AI driven fuel of G. ground run engelease nee describile at this a	te oil filter I cylinder cor gs, cleaned replaced wit exchanger t splied with D CF90-03I pump test g	P/N CH481 mpression I , gapped, te th (1) new o cabin hea at this time R2 Exhaust gauges setup ed for leaks	08-1. Old f leak test #1 leak t	the those replaced with the ater inspected, no for to 10. 2 psi metered and.	ected. No metal (2/80, #4 73/80, w gaskets P/N: Mew. aults found, SV. at 2300 rpm. Wo	found. M674. Ork performed IAW Teledyne Continental ds of airworthiness. Pertinent details of the
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Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z3S7 (403) 274-5800

Klarenbach Work Order No: 4892

Date: June 8, 2016.

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 937.4 938.0

Engine: Continental

Model: IO-240B

S/N: 1003084

TSOH: 937.4 938.0

Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524

Work Completed:

- 50 hr Inspection completed IAW Diamond DA-20-C1 AMM Rev. 22 inspection check sheets as specified in Calgary Flight Training Centre's PO 1434.
- Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- Induction air filter replaced with new (1) P/N- BA235E.
- Engine fuel nozzles removed and cleaned in acetone ultrasonic cleaner. Fuel nozzles installed back into engine.
- Propeller bolts torque checked IAW Sensenich Doc # W69EK7-CF Rev F.
- Aircraft main battery positive post cracked. New Yuasa battery (1) P/N- Y50-N18L-A-CX installed fully charged, tested SV.
- Engine driven fuel pump test gauges setup and at 2300 rpm the metered fuel pressure was adjusted to obtain 10.5 psi. Work performed IAW TCM SID97-3G.
- Aircraft ground run and checked for leaks. None found.

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Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME:

Signature of AME:

AME License No.: 830408



Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 3S7 (403) 274-5800

Klarenbach Work Order No: 4915

Date: Aug. 26, 2016.

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 987.4

Model: IO-240B

S/N: 1003084

TSOH: 987.4

Engine: Continental Propeller: Sensenich

Model: W69EK7-63G

S/N: AJ1524

TSN: 987.4

Work Completed:

- 1000 hr. Inspection and lubrication completed IAW Diamond DA-20-C1 AMM Rev. 22 inspection check sheets as specified in Calgary Flight Training Centre's PO 1444.
- Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket. Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- Propeller bolts torque checked IAW Sensenich Doc # W69EK7-CF Rev F
- 500hr Inspection of R/H Magneto S/N 09041651 and L/H Magneto, S/N 090303344 completed. Alberta Aero Engine WO# 11954.
- Exhaust heat exchanger inspection AD CF90-03R2 completed. No faults found. 5
- Engine driven fuel pump test gauges setup and at 2300 rpm the metered fuel pressure was adjusted to obtain 10.5 psi. Work Performed IAW TCM SID97-3G.
- 7. Aircraft ground run and checked for leaks. None found.

	END-
ones Deleses	

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject. Pertinent details of the repair are on the at this agency under the above noted Work Order No.

Signature of AME:

AME License No.

289587

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ITRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE
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BROUGHT FORWARD		-			



Unit E1, 333 Noorduyn Park Calgary, Alberta T3Z 387 (403) 274-5800

Klarenbach Work Order No: 4962

Date: Jan. 27, 2017

Aircraft: C-GKKV

Diamond DA20-C1

S/N: C0576

TTSN: 1035.5

Engine: Continental

Model: IO-240B

S/N: 1003084

TSOH: 1035.5

Propeller: Sensenich Model: W69EK7-63G S/N: AJ1524

TSN: 10.35.5

Work Completed:

- 50 hr Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Center's PO. 1459.
- Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket.
- Installed new oil filter P/N CH48108-1. Old filter opened and inspected. No metal found.
- Replaced starter vibrator battery, installed new battery P/N LC-R121R3P.
- Tachometer accuracy check completed and found to be within limits.
- Aircraft ground run and checked for leaks. None found.

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency winder the above noted Work Order No. 089587 AME License No.:

Signature of AME:

160 - 18799 Airport Way Pitt Meadows, BC V3Y 2B4 Phone: (604) 460-1088 Fax:

(604) 465-2122

Aviation

AERSPACE AVIATION SERVICES INC.

Email: steve@aerspace.ca A/C REG: C-GKKV

A/C S/N: C0576

DATE: 07 SEPT 2017 Details of Work:

AerSpace

W/O: D00006

- 200 HR INSPECTION COMPLETED IAW DIAMOND DA20-C1 AMM AND CFTC PO 1479. ENGINE RUNS AND LEAK CHECKS CARRIED **OUT SERVICEABLE.**
- ENGINE DPT CARRIED OUT. #1: 72 #2: 66 #3: 62 #4: 74
- OIL/FILTER CHANGE COMPLETED. NEW FILTER CH48108-1 INSTALLED. 6 QTS 15W50 ADDED. INSPECTED FILTER, NO FAULTS.
- HEATER MUFF INSPECTION CARRIED OUT IAW CF90-03R2. NO FAULTS FOUND.
- FLAP BELLCRANK INSPECTION CARRIED OUT IAW DA1-27-03. NO FAULTS FOUND.
- RUDDER REMOVED AND REINSTALLED IAW WITH DA20-C1 200 HR INSPECTION DOCUMENTS. DUAL INSPECTED COMPLETED.
- 300 HR FUEL NOZZLE CLEAN COMPLETED. LEAK AND FUNCTION CHECKS CARRIED OUT SERVICEABLE.
- LH BRAKE CALIPER FOUND LEAKING. SEAL REPLACED WITH NEW. LEAK AND FUNCTION CHECKED SERVICEABLE.
- RH TIRE WORN. REPLACED TIRE WITH NEW P/N 505C66-5. TIRE INFLATED TO RATED PRESSURE, LEAK CHECKED SERIVCEABLE.
- #3 TOP SPARK PLUG U/S. REPLACED WITH NEW P/N RHM38E. FUNCTION CHECK COMPLETED SERVICEABLE.

The described maintenance has been performed in accordance with the applicable airworthiness requirements

AMO: 90-09

Signature of AME:

ACA #: 12

I hereby certify that I have checked the rudder control system for correct assembly, freedom and range of movement, and presence of locking and safety devices.

Signature of AME:

naphl

License#:

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TOTAL THIS PAGE		
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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS NTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENCE
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MAXIMUM HOURS BETWEEN OVERHAULS HOURS

1. T/S fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TCM SIDS mixture found to be rich, adjusted as required 1/8 turn CW. Ground runs completed and checked serviceable. "The nointenance described has been performed in accordance with the applicable standards of the largest signature: Date: November 3, 2018 ACA/License: PO# 1533 "On the Up & Up!" 403-286 0480 AMO 62-13	0.75	TIME	RUN		SINCE]		IN	STALLAT	IONS,	INSPEC	TIONS	
Klarenbach Aviation Ltd. Kisenbach Work Order No: 5066 Aircraft: GGKKV Diamond DA20-C1 Sin: C0576 Tisn: 1133.8 Engine: Continental Model: IO-2408 Sin: 1003084 TSN: 1133.8 Propeller Sensenich Model: W69EK7-63G Sin: A11524 TSN: 1133.8 Propeller Sin: Installed one of thire Propelled on the Model: Installed one of the Propelled on the All Sin: Installed one of lifter Propelled with 6 liters of 15W90 AeroShell oil using (1) new MS35769-11 gasket. Installed of left and right braise limings Pin RA066-10000 and new rives Pin RA105-00200. Replaced with (2) new brake disks Pin/ AP5164-24200 on left and right main landing gears. Installed of left and right braise limings Pin RA066-10000 and early rives Pin RA105-00200. Replaced with (2) new brake disks Pin/ AP5164-24200 on left and right main landing gears. Installed (2) new whose cases a pind is disk enterwish without all. Aircraft ground run and checked for leaks. None found. Aircraft ground run and checked for leaks. None found. Aircraft ground run and checked for leaks. None found. AMB License No. MU2.7665 Make: Diamond Model: DA20 Reg: C-GKKV S/N: C0576 TAR: AMB License No. MU2.7665 Make: Diamond Model: DA20 Reg: C-GKKV S/N: C0576 TAR: November 3, 2018 ACA/License: November 3, 2018 ACA/License: On the Up & Up! A03-286 0480 AMO 62-13 WO 153 WO 153 Make: Diamond Model: DA20 Reg: C-GKKV S/N: C0576 TAR: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check disected envisable and replaced with new Engine serviced with 6cts 20W50 oil. Ground runs completed and checked serviceable and replaced with new Engine serviced with 6cts 20W50 oil. Ground runs completed and checked serviceable and replaced with new Engine serviced with 6cts 20W50 oil. Ground runs completed and leaked serviceable and replaced with new Engine serviced	DATE	HRS.	MIN.	HRS.	MIN.	NOTE:	USE BO	TH PAGE	S AND AS	MANY L	INES AS	REQUIRED	FO.
Klarenbach Work Order No: 5066 Date: April 19, 2018			-										SR COL
Aircraft: C-GKKV Diamond DA20-C1 S/N: C0576 TTSN: 1133.8	- 7	Kl		nba	ich						Unit E Calga	1, 333 No	orduyn a T32 3) 274
Engine: Continental Model: IO-240B S/N: 1003084 TSOH: 1133.8 Propeller: Sensenich Model: W69EK7-63G S/N: AJ1524 TSN: 1133.8 Work Completed: 1. 50 Ir Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1511. Deriand engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new M535769-11 gasket. 3. Installed new oil filter PN CH48108-1. Old filter opened and inspected. No metal found. 4. Propeller bolts torqued IAW Sensenich Do af W69EK7-CF Rev F. SV. 5. Replaced left and right brake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced with (2) new mylon screws on pilot side storm window rail. 8. Aircraft ground run and checked for leaks. None found. Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. AME License No.: M42.766.5 Make: Diamond Model: DA20 Reg: C-GKKV S/N: C0576 TTAF: 1. T/5 fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TEM Diamond runs completed and checked serviceable are quirted 1/8 trun CW. Ground runs completed and checked serviceable and the properties of the pr	Klarenbach Worl	k Order No:	5066			D	ate: Apı	il 19, 201	3				
Propeller: Sensenich Model: W69EK7-63G S/N: AJ1524 TSN: 1133.8 Work Completed: 1. 50 In Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1511. Deriand engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new M533769-11 gasket. 3. Installed new oil filter PN CH48108-1. Old filter opened and inspected. No metal found. 4. Propeller bolts torqued IAW Sensenich Doe 8 W69EK7-CF Rev F. SV. 5. Replaced left and right brake limings PN RA066-10600 and new rivets P/N RA105-00200. 6. Replaced with (2) new brake discs P/N: APS164-24200 on left and right main landing gears. 7. Installed (2) new ylons covers on pilot side storm window rail. 8. Aircraft ground run and checked for leaks. None found. Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: AME License No.: MUA 766.5 PON 153 WON 260 AME License No.: MUA 766.5 PON 153 WON 260 AME License No.: MUA 766.5 PON 153 WON 260 AME License Victor Vi	Aircraft: C-GKK	CV D	iamond D	A20-C1		S/N: C0576		TTSN	: 1133.8				
Work Completed: 1. \$0 hr Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calgary Flight Training Centre's PO. 1511. 2. Drained engine oil, re-filled with 6 liters of 15W50 AeroShell oil using (1) new MS35769-11 gasket. 3. Installed new oil filter PNC 1448108-1. Old filter opened and inspected. No metal found. 4. Propeller holts torqued IAW Sensenich Doe # W69EK7-CF Rev F. SV. 5. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and new rivets PN RA105-00200. 6. Replaced left and right trake linings PN RA066-10600 and right main landing gears. 7. Installed (2) new nylon screws on pilot side storm window rail. 8. Aircraft ground run and checked for leaks. None found. Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature: Date: November 3, 2018 ACA/License: Date: November 3, 2018 ACA/License: Date: November 3, 2018 ACA/License: ACA #10 CARRIED FORWARD						S/N: 100308	4						
1. 50 hr Inspection IAW Diamond DA-20-C1 AMM Rev. 22 Aircraft Maintenance Manual inspection check sheets as specified in Calays Fight Training Centre's PO. 1511. 2. Drained engine oil, re-filled with 6 liters of 15W50 AcroShell oil using (1) new M535769-11 gasket. 3. Installed new oil filter PIN C148108-1. Old filter opened and inspected. No metal found. 4. Propeller bolts torqued IAW Sensenich Doe # W69EK7-CF Rev F. SV. 5. Replaced left and right brake linings PIN RA066-10600 and new rivets PIN RA105-00200. 6. Replaced with (2) new trake discs PIN- AP5164-24200 on left and right main landing gears. 7. Installed (2) new nylon screws on pilot side storm window rail. 8. Aircraft ground run and checked for leaks. None found. END. Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: 1. T/S fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TOM 500 mixturer found to be rich, adjusted as required 1/8 turn CW. Ground runs completed and checked serviceable. 1. T/S fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TOM 500 mixturer found to be rich, adjusted as required 1/8 turn CW. Ground runs completed and checked serviceable. 1. T/S fuel pressure active the speen performed in accordance with the applicable standards of Mainure and replaced with mow. Engine serviced with 6(Qts 20W50 oil. Ground runs completed and leak checked serviceable. 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Old idianed, oil flem and replaced with new. Engine serviced with 6(Qts 20W50 oil. Ground runs completed and leak checked serviceable. 1. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector diamed and replaced with four the performed in ac	-		odel: W6	9EK7-63G		S/N: AJ1524		TSN:	1133.8				
Make: Diamond Model: DA20 Reg: C-GKKV S/N: C0576 TTAF: 1. T/S fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TCM SIDS mixture found to be rich, adjusted as required 1/8 turn CW. Ground runs completed and checked serviceable. "The mointenance described has been performed in accordance with the applicable standards of but has been performed in accordance with the applicable standards of but has been performed in accordance with the applicable standards of but has been performed in accordance with the applicable standards of but has been performed in accordance with the applicable standards of airworthiness' Make: Diamond Model: DA20-C1 Reg: C-GKKV S/N: C0576 TTAF: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as require runs completed. No further defects noted at this time. "The maintenance described has been performed in accordance with the applicable standards of airworthiness' Date: November 23, 2018 ACA/License: ACA#10	7. Installed (2) 8. Aircraft grou Maintenance Relea The maintenance d repair are on file at	new nylon s and run and ase lescribed ab this agency	checked fi	pilot side s or leaks. No 	torm wind one found END	low rail.				 worthines	ss. Pertin	ent details of	
1. T/S fuel pressure - Engine running as though it was skipping a beat - Fuel system pressure inspected IAW TCM SID9 mixture found to be rich, adjusted as required 1/8 turn CW. Ground runs completed and checked serviceable. "The maintenance described has been performed in accordance with the applicable standards of Comments." Signature: Date: November 3, 2018 ACA/License: PO# 1533 Make: Diamond Model: DA20-C1 Reg: C-GKKV S/N: C0576 TTAF: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as require runs completed. No further defects noted at this time. "The maintenance described has been performed in accordance with the applicable standards of airworthiness" Signature: Date: November 23, 2018 ACA/License: ACA#10		,1	1			JIUCI NO.					_		the
The mointenance described has been performed in accordance with the applicable standards of motion of the Up & Up!" November 3, 2018 ACA/License: Political		_,!			"On ti 403-2	the Up & Up!"	ME Lic	ense No.:			_	P	O# 1531
Signature: Date: November 3, 2018 ACA/License: PO# 1533 WO# 2625 Make: Diamond Model: DA20-C1 Reg: C-GKKV S/N: C0576 TTAF: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as required runs completed. No further defects noted at this time. "The praintenance described has been performed in accordance with the applicable standards of airworthiness" Signature: Date: November 23, 2018 ACA/License: ACA #10	Make:				"On til 403-2	the Up & Up!" 86 0480 AM A20 Re	ME Lica 10 62-13	C-GKKV	My:	2766 c	0576	P W TTAF:	O# 1531 O# 2604
Make: Diamond Model: DA20-C1 Reg: C-GKKV S/N: C0576 TTAF: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as requirer runs completed. No further defects noted at this time. The prointenance described has been performed in accordance with the applicable standards of airworthiness' Signature: Date: November 23, 2018 ACA/License: ACA #10	Make:	1. T/S	fuel press	sure - Engin	"On the 403-2	the Up & Up!" 86 0480 AM A20 Re as though it	ME Lico	C-GKKV	My'	2766 C	0576	W TTAF:	O# 1531 O# 2604
Make: Diamond Model: DA20-C1 Reg: C-GKKV S/N: C0576 TTAF: 1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as required runs completed. No further defects noted at this time. "The maintenance described has been performed in accordance with the applicable standards of airworthiness" Signature: Date: November 23, 2018 ACA/License: ACA#10	Make:	1. T/S mix	fuel press ture found	sure - Engin d to be rich	"On the 403-2 Down	the Up & Up!" 86 0480 AM A20 Re as though it	O 62-13 eg: was skip 1/8 turn	C-GKKV	S/N:	Cotem press	0576 sure inspe	TTAF:	O# 1531 O# 2604 1: M SID97- le.
1. 50 hour inspection - 50 hour inspection carried out IAW Diamond DA20-C1 AMM check sheets. Oil drained, oil filter and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. 2. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as required runs completed. No further defects noted at this time. The maintenance described has been performed in accordance with the applicable standards of airworthiness. Signature: Date: November 23, 2018 ACA/License: ACA #10		1. T/S mix	fuel press ture found	sure - Engin d to be rich	"On the 403-2. Do not been has been had	the Up & Up!" 86 0480 AM A20 Re as though it las required een performe	ME Lico 10 62-13 eg: was skip 1/8 turn	C-GKKV ping a become CW. Ground Cordance w	S/N: at - Fuel system runs correct the appreciate t	Cotem pressinpleted a	0576 sure inspe	TTAF:	O# 1531 O# 2604 1 M SID97-le.
and replaced with new. Engine serviced with 6Qts 20W50 oil. Ground runs completed and leak checked serviceable. T/S fuel pressure acting up - #1 cylinder fuel injector found to be fouled. #1 cylinder fuel injector cleaned as required runs completed. No further defects noted at this time. "The maintenance described has been performed in accordance with the applicable standards of airworthiness" Signature: Date: November 23, 2018 ACA/License: ACA #10	Signatur	1. T/S mix	fuel press ture found	sure - Engin d to be rich ance descri	"On the 403-28	he Up & Up!" 86 0480 AM A20 Re as though it las required een performe Date: No	ME Lico 10 62-13 Pg: was skip 1/8 turn ed in accovember 3	C-GKKV pping a become with the control of the cont	s/N: at - Fuel syst nd runs cor with the appr CA/License	Cotem pressinpleted a	0576 sure inspend check andards o	TTAF: ected IAW TC ed serviceab	O# 1531 12 13 13 14 1533
	Signatur Make:	1. T/S mix "The	fuel press ture found	wure - Engind to be rich ance descri	"On the 403-28	he Up & Up!" 86 0480 AM A20 Re as though it as required been performed Date: Nov Up & Up!" 6 0480 AM O-C1 Reg	was skip 1/8 turn according accordin	C-GKKV pping a beach Cordance w 3, 2018	s/N: S/N: S/N: CA/License S/N:	Contempression poleted a	0576 sure inspend check andards o	TTAF:	O# 1531 O# 2604 1 M SID97- le. b# 1533 D# 2625
L THIS PAGE	Signatur Make:	Diamon 1. 50 ho and runs o	fuel press ture found e maintena nd our inspect eplaced we rel pressure completed	Model: tion - 50 ho ith new. Er re acting up	"On the 403-280 DA20 Day inspection of the feet seed has been seed has b	he Up & Up!" 86 0480 AM A20 Re as though it las required been performe Date: No CUp & Up!" 6 0480 AM CO-C1 Reg tion carried of the conder fuel inject of the conder fuel injec	was skip 1/8 turn according to 1/8 turn acco	C-GKKV ping a become with the control of the contr	s/N: St - Fuel system of runs control the application of the control of the cont	Completed a licable state.	0576 sure inspend check andards of	TTAF: Oil drained, checked servi r cleaned as	0# 1531 1 1531 1 1531 M SID97- le. e. 2 2625 1 2 2625 1 2 2625 1 2 2626 1 2 2626 1 2 2626 1 2 2626 1 2 2626 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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TOTAL SINCE MFG.

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Mak	o: Di	amond	Mo	odel:	103-286 04 DA-20	180 AMO	·	KV S/N	: C0576		# CYQF-2893
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Make:	Diam	nond	Mod		DA20-C1	Reg:	C-GKK	V S/N :	C0576	TTAF:	1300.7 hrs.
1.	200 hou	r/annual	inspect	ion - Cor	noleted 2	00 hour i	nspection a	s per DA20-	C1 AMM Rev. 21.	Engine comp	oression #1-
8. 9. gnature:	AD CF-90	0-03R2-E	Exhaust	heater n	nuff inspe	formed in	ompleted i	nspection as	VIBL-A, SN 0408 per AD and no fa	ult found.	s"
		m							JICF	#23	
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ke:	Diamono	d l	Model:	DA	20-C1	Reg:	C-GKK\	S/N:	C0576	TTAF:	1302.5
1.	200 ho	ur/annua	l inspect	tion carri	ed out pei	r CARs 62	5 Part 1 Ap	B and C. Oil	drained and 6L of	Aeroshell 15V	V50 oil added and C
2	replace	ed with ne	ew. Fligh	t control	s and engi	ine contro	ols lubricate	d.			
2. 3.		iecked ok 90-03R2 F		ff inspect	ion compl	leted and	no fault fo	und.			
									the applicable sto	andards of ain	worthiness"
	1	/	1//	/					Time applicable sto		
ature:	Mu	dees	Mu	-	Date:	April 2	6, 2021	License #:			369223
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SPECTIONS,	INSTALLATIONS, USE BOTH PAGES AND AS MANY L		OVER	RUN	TIME	DATE
FOR Q		MIN.	HRS.	MIN.	HRS.	
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	766 om	Tel (905) 335-6759 e-mail kasshop@s Over 40 years of a	OVACHIK	K		
			craft Services Ltd.	30		4
	nd C0576		8, 2021 e gistration: C- odel: DA 20-C	Date: July 8		
	ast Inspection: 56.3		SN: 1358.8	Aircraft TT		
	iamond AMM 5-20-20-201	ed 50Hr inspe	Accomplish	Work accor		
535	ll 15w50 installed. contaminates found.	changed – 5 open and insp ns: 1-72 2-73	Oil filter cut	→		
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an Si	INSP		of AME	Signature of	7 '	
ds of airworthiness.	rformed in accordance with applicable stand	ibed above h	enance descr	The mainte	1	
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	9 Fax: (905) 335-6766 spectrumairways.com	e-mail:	VACHIK	KO		
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DA20-C1 S/N: C0576 REG: C-GKKV Engine: IO-240-B S/N: 1003084 Prop: W69EK7-63G S/N: AJ1524



checked	AD MSB/SB/SI	REV	Description	Next Due	Effectivity	method of compliance
ACCOUNTS.	PARTICIPATION.	1000	TC ADs	G CONTRACTOR		
X	2009-24-52	-	Rapid wear - hydraulic lifters	NA	See AD	NA by SN
			The state of the s	1111	Joee AD	TAN DY SIV
X	2009-24-51		Cancelled - superseded by 2009-24-52	NA	NA	NA
			Non-Conformance of Maintenance on	1	1	1
X	CF-2005-40		Piston Engines	NA .	see SB	NA-new engine
3			Exhaust type cockpit heaters; incorporate			
. 1			at intervals not to exceed 1 year or 150	annual or 150		
X	CF-90-03R2		flight hours	hrs	all	NA by TT - new engine
						1-
x	F-2005-023		Engine overhauled by Provence Aero	1		112
^	F-2005-023	-	Maintenance - supercedes F-2001-139R1	NA	see SB	NA-new engine
X	2010-11-04	1000	FAA ADs	SAUKTOAS	ESTABLISHED STATES	
^	2010-11-04		Rapid wear - hydraulic lifters	NA		NA by SN
x	2009-24-52	- 1	Rapid wear - hydraulic lifterssuperseded by 2009-24-52			
	LOUVETUE	-	Dy 2005-24-52	NA	See AD	NA by Man. Date
x	2009-24-51	- 1	Cancelled - superseded by 2009-24-52			
-	5000 E4 01	50000	EASA Ads	NA .	NA	NA
X Z	2010-11-04	-	Rapid wear - hydraulic lifters		5000000	30000000000000000000000000000000000000
-			Rapid wear - hydraulic lifters superseded	NA		NA by SN
x 2	1009-24-52	- 1	by 2009-24-52	NA		
		-	7) 2000 27 02	INA	See AD	NA by Man. Date
X 2	009-24-51	le	Cancelled - superseded by 2009-24-52	NA	NA	NA
5,879,101.0	20225	1000	DIA SBs	IVA	IVA	INA
X D	AC1-73-01	1	Engine Fuel System Improvements	NA	see SB	N/A by Eng M/N
X D	AC1-73-03		Installation of an alternate fuel Line	NA	see SB	N/A by A/C S/N
- 1			Engine Fuel System Conversion B17B to		300 00	Ten by NO 3/14
X D	AC1-73-04	48		NA	see SB	N/A by model
		0	perating limits with altitude			Terroy moder
	AC1-73-05	10	ompensating fuel systems	NA	see SB	N/A
	AC1-74-01		gnition Harness Routing	NA	see SB	Incorp. During Mfg.
	AC1-74-02		tarting Vibrator Batery Installation	NA	see SB	N/A by A/C S/N
X D	AC1-76-01	N	lixture Cable Kinking	NA	see SB	CW
		N	lixture Cable routing		Reversed	
- 1	1	- 1			panel only -	1
4		-1			with GTX	1
X ND	AC1-76-02			NA	330	NA ·
-3		. In	stallation of Mixture Cable for Altitude			
	1		ompensating Fuel Pump (for retro fit)			1000
X 🌓 Di	AC1-76-03	- 1		NA	see SB	NA
*		T	hrottle Cable - Firewall Feed Thru		Reversed	
					panel only -	
	1				with GTX	NA-equivelant installatio
	AC1-76-04				330	C/W during manufacture
	AC1-79-01	P	ower Plant Cooling - Opt	NA :	see SB	C/W during Mfg
X D/	AC1-79-02				see SB	N/A by A/C S/N
	9X53993394 S	90) 0	TCM SBs	4-9-50 20 20 24	55.87.57.57.53	
		Di	fferential pressure test and bore scope			And the second of the second o
1			spection procedures for cylinders			
X TO	M SB03-03			100 hr	all	NA
- 1			CM IO-240 Series Engine Magneto Drive	-		
	M SB03-7			see SB	ee SB	C/W by TCM

DA20-C1 S/N: C0576 REG: C-GKKV Engine: IO-240-B S/N: 1003084 Prop: W69EK7-63G S/N: AJ1524



checked	AD/MSB/SB/SI	REV	Description	Next Due	Effectivity	method of compliance
x	TCM SB04-4A		Replacement of Manifold Valve Spring P/N 630184		see SB	C/W by TCM
x	TCM SB04-7		IO-240 Series Crankshaft Cluster Gear inspection and replacement –Recurring.	see SB	see SB	C/W by TCM
x	TCM SB04-11		Valve Guide Application, Installation and Reaming Procedures	At overhaul or repair.	see SB	NA
x	TCM SB05-2		Overspeed Limitations – Recurring	as required	see SB	No overspeed condition observed during mfg.
x	TCM SB07-9		Inline Fuel Filter Reorientation – N/A	NA	see SB	NA by Eng. MN SB contains instructions for continued airworthines
x	TCM SB08-13		Installation of induction hoses and clamps	as required	see SB	C/W
X	TCM SB96-11A		Propeller Strikes and Hydraulic Locks	as required	see SB	NA.
X	TCM SB96-7C		Torque Limits	as required	see SB	C/W
X	TCM SID05-7		Teledyne Continental Motors (TCM) Position Tuned Injection Nozzles	as required	see SB	C/W
X	TCM SID08-4		Teledyne Continental Motors (TCM) – Fuel Injection System Contamination	as required	see SB	NA
X	TCM SID07-3A / SID07-10	- O	Procedures and Specifications for Adjustment of TCM Continuous Flow Fuel Injection Systems	NA	see SB	NA
x	TCM SID97-3E	1	Adjustment of TCM Continuous Flow Fue Injection Systems	as required	see SB	cw
X	TCM CSB01-1		Fuel Pump Inspection and Seal Leak Test	NA	see SB	NA
X	TCM CSB664		Magneto capacitor P/N 10-400558 replacement	NA	see SB	NA
Х	TCM CSB02-8		TCM Ignition System CSB664	NA -	see SB	NA
X	TCM CSB665		Magneto Capacitor P/N 10-400615 inspection and replacement	NA	see SB	NA .
X	TCM CSB04-5A	15 1	TCM Ignition System CSB665	NA	see SB	NA .
9.18.20	0.00 S (0.00 S)	70000	UNISON SBs	(300) 520 520	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
	Unison Industries SB2-08A	A 19. A	Inspection of Slick 4300 magnetos	NA.	see SB	N/A by S/N
х	Unison Industries SB3-08A	1	Inspection of Slick 4300 magnetos	NA .	see SB	NA by SN

Authorizing Signature Inspector

JAN 0 5 2011

DATE:

Eng tech log.section 3

Page 1 of 2

Eng tech log.section 3

Page 2 of 2

RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE	A/D,	S/B,	s/I,	MODS	DETAILS	0 F

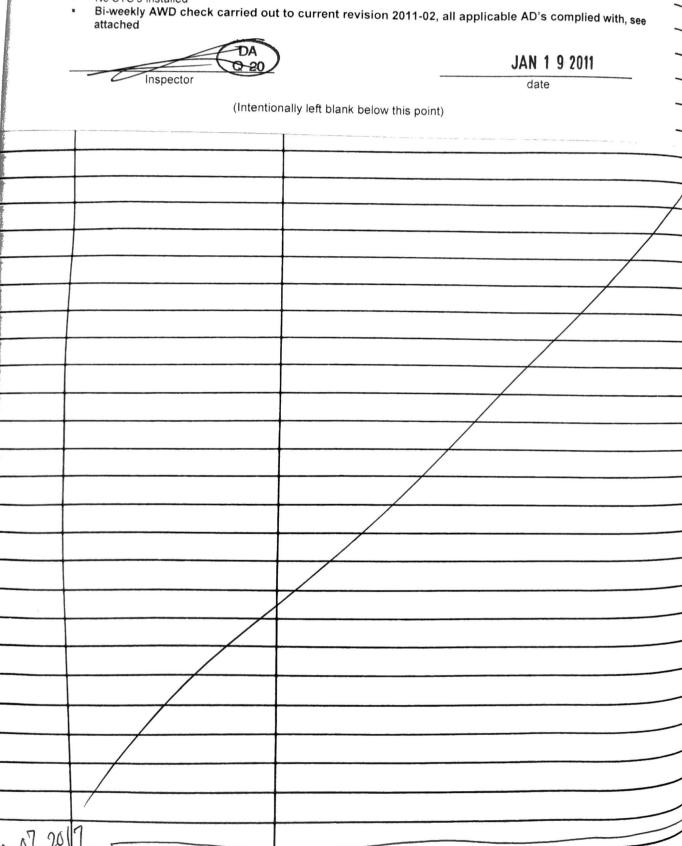
Diamond

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVED MANUFACTURER #161-93 Registration: C-GKKV A/C Serial Number: C0576 Engine Serial Number: 1003084 Prop Serial Number: AJ1524

Engine Total Time:

2.2 hrs

- Total Time Engine Brought forward from Flight Test Journey Log DAI Form Q-156): 2.2 hrs
- No STC's installed



SPECIAL INSPECTION	DNS (S/	I) AND	MODIFICATIONS	(MODS)
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AERSPACE AVIATION SERVICES INC. DATE: 07 SEPT 2017 Details of Work: W/O: D00006 TISN-1889.0 A/C REG: C-GKKV A/C S/N: C0576 - 200 HR INSPECTION COMPLETED IAW DIAMOND DAZO-C1 AMM AND CFTC PO 1479. ENGINE RUNS AND LEAK CHECKS CARRIED OUT SERVICEABLE. ENGINE DPT CARRIED OUT. #1: 7242: 68 13. 62 #4: 74 OIL/FILTER CHANGE COMPLETED. NEW FILTER CHASIO9-1 INSTALLED. #00TS 15w5 0 ADDED. INSPECTED FILTER, NO FAULTS. HEATER MICH INSPECTION CARRIED OUT AWN CF90-0302. NO FAULTS FOUND. FLAD BELLCRANK INSPECTION CARRIED OUT AWN DALZ-7-03. NO FAULTS FOUND.	
APPORCE AVIATION SERVICES INC. DATE: 07 SEPT 2017 W/O: D00006 TTSN: 1684.0 Phone: (604) 460-1088 Fax: (604) 465-2122 Email: steve@aerspace.ca A/C REG: C-GKKV A/C S/N: C0576 Details of Work: - 200 HR INSPECTION COMPLETED IAW DIAMOND DA20-C1 AMM AND CFTC PO 1479. ENGINE RUNS AND LEAK CHECKS CARRIED OUT SERVICEABLE ENGINE DPT CARRIED OUT. #1: 72 #2: 66 #3: 62 #4: 74 - OIL/FILTER CHANGE COMPLETED. NEW FILTER CH48108-1 INSTALLED. 60TS 15W50 ADDED. INSPECTED FILTER, NO FAULTS FLAP BELLCRANK INSPECTION CARRIED OUT NAW CF90-03R2. NO FAULTS FOUND.	
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SERVICES INC. 084.0 604) 465-2122 Email: steve@aerspace.ca DATE: 07 SEPT 2017 W/O: D00006 TTSN: 1684.0 A/C REG: C-GKKV A/C S/N: C0576	
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- ENGINE DPT CARRIED OUT. #1: 72 #2: 66 #3: 62 #4: 74 - OIL/FILTER CHANGE COMPLETED. NEW FILTER CH48108-1 INSTALLED. 6 QTS 15W50 ADDED. INSPECTED FILTER, NO FAULTS. - HEATER MUFF INSPECTION CARRIED OUT NAW CF90-03R2. NO FAULTS FOUND.	
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- HEATER MUFF INSPECTION CARRIED OUT NAW CF90-03R2. NO FAULTS FOUND FLAP BELLCRANK INSPECTION CARRIED OUT NAW DA1 37 03 NO FAULTS FOUND.	15
	NO
- RIDDER PEMOVED AND DEINCTALLED WALLES	
- RUDDER REMOVED AND REINSTALLED IAW WITH DA20-C1 200 HR INSPECTION DOCUMENTS. DUAL INSPECTED COMPLETED 300 HR FUEL NOZZLE CLEAN COMPLETED. LEAK MORE FUNCTION CHECKS CARRIED OUT SERVICEABLE.	
- RH TIRE WORN, REPLACED TIRE WITH NEW PAN FORCES A TIPE WAY AND FUNCTION CHECKED SERVICEABLE.	
- #3 TOP SPARK PLUG U/S. REPLACED WITH NEW P/N SUSCEEDS TO RESEARCH PRESSURE, LEAK CHECKED SERIVCEABLE.	
The described maintenance has been performed in accordance with the applicable airworthiness requirements	
A distribution applicable all worthiness requirements	
AMO: 90-09 Signature of AME: ACA #: 12	
I hereby certify that I have checked the rudder control system for correct assembly, freedom and range of movement, and presence of locking and safety devices.	
prosence of locking and safety devices.	
Signature of AME: North License#: 475864	
CA2	

RECORD OF ENGINE

DATE A/	D, S/B, S/I,	MODS (A/D),	/	DETAIL
y 5 2018	added	1 U.S. quar	1 W15W3	50 07
· File	Klarenb Aviation			Unit E1, 333 Noorduyn Calgary, Alberta T37 (403) 274.
Klarenbach Work Ord	er No: 5099	Date: Aug	20 2019	, 414
Aircraft: C-GKKV	Diamond DA20-C1	Date: Aug. S/N: C0576	TTSN: 1183.5	
Engine: Continental	Model: IO-240B	S/N: 1003084	TSOH: 1183.5	
Propeller: Sensenich	Model: W69EK7-63		TSN: 1183.5	
 8. R/H magneto adj 6. #2 cylinder removes and seals due to zero installed. #1 72/8 7. All spark plugs results. Replaced with (2) 	ved repaired by Aero Eng zero compression and com 30, #2 76/80, #3 74/80, #4 emoved, cleaned, tested re	6 degrees engine timing mark. ine under WO# 12410 and re-instal pleted engine cylinder compression 72/80. placed (4) new spark plugs P/N: RI	lled with new gaskets in leak test after	FOR S 210 240 W 300 300 STEER 181 211 239 270 301 322 DATE 445 20, 2018, Raffos On.
10. Engine fuel nozzl 11. Engine driven fue performed IAW T 12. Aircraft ground ru Maintenance Release I have conducted an ins Signature: The maintenance descri	racy check completed and es removed and cleaned in all pump test gauges setup and checked for leaks. The complete setup and checked for leaks. The complete setup and checked for leaks.	to the type of the flight/powerplant Licer	ozzles installed back into e ressure was adjusted to obt controls that were affected ase No.: 507108 able standards of airworthi	engine. eain 10.5 psi. Work by the work accomplished.
10. Engine fuel nozzl 11. Engine driven fue performed IAW T 12. Aircraft ground ru Maintenance Release I have conducted an ins Signature: The maintenance descri repair are on file at this Signature of AME:	racy check completed and es removed and cleaned in the pump test gauges setup in the compound of the compound	found to be within limits. In acetone ultrasonic cleaner. Fuel nand at 2300 rpm the metered fuel p None found. END To the type of the flight/powerplant Licer Licer Timed in acetordance with the applicated Work Order No. License. No	ozzles installed back into e ressure was adjusted to obte controls that were affected ase No.: 507108 able standards of airworthing. 089587	engine. eain 10.5 psi. Work by the work accomplished. eness. Pertinent details of the
Engine fuel nozzl Engine driven fue performed IAW T Aircraft ground ru Maintenance Release I have conducted an ins Signature: The maintenance descripair are on file at this	racy check completed and es removed and cleaned in the pump test gauges setup in the compound of the compound	found to be within limits. In acetone ultrasonic cleaner. Fuel in and at 2300 rpm the metered fuel power found. END	controls that were affected ase No.: 507108 able standards of airworthing. 089587	engine. Lain 10.5 psi. Work by the work accomplished. leness. Pertinent details of the
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PECIAL INSPECTIONS	(S/I)	AND	MODIFICATIONS	(MODS)
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WOR	K OR IN	SPECTION	PERF	ORME	D			SIGNATURE	D LICE	
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			On the Up &		aeros	Pace		WO	# CYQF-3046	
		Model:	03-286 0480 DA20-C1	Reg:	C-GKKV	S/N: -	C0576	TTAF:	1200 7 hrs	
Make:	Diamond	Wiodei:					20370	LIAT.	1300.7 hrs.	
							AMM Port 24	Engine	seening #4	
Make:	200 hour/annual 78/80, 2-78/80, 3	l inspection - Co 3-78/80, 4-78/80	ompleted 20 0. Replaced	0 hour in	nspection as per 6L of Aeroshell	DA20-C1 15W50 an	d oil filter with r	ew filter PN	CH48108-1	
	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a	I inspection - Co 3-78/80, 4-78/80 and 3 cylinder bo	ompleted 20 0. Replaced	0 hour in	nspection as per 6L of Aeroshell	DA20-C1 15W50 an	d oil filter with r	ew filter PN	CH48108-1	
1	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspe	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder bo d serviceable. ection Comple	ompleted 20 0. Replaced ottom plugs eted inspec	00 hour in l oil with the with new	nspection as per 6L of Aeroshell v plugs PN URF found complete	DA20-C1 15W50 an IM38E due	d oil filter with re to failed test. I	new filter PN (Engine ground	CH48108-1	
1 2. 3.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspe Survival kit inspe	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder be d serviceable. section Comple ection Kit insp	ompleted 20 0. Replaced ottom plugs eted inspected as pe	00 hour in l oil with the with new tion and for CAR 6	nspection as per 6L of Aeroshell v plugs PN URH found complete 02.61 and found	DA20-C1 15W50 an IM38E due Serviceal	d oil filter with re to failed test. I	new filter PN (Engine ground	CH48108-1	
1 2. 3. 4. 5.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspe Survival kit inspe Tachometer che Compass calibra	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder bo d serviceable. ection Comple ection Kit inspeck due Check ation due Com	ompleted 20 0. Replaced ottom plugs eted inspect ected as pected as peter as pected as pe	00 hour in loil with rewith new tion and four and four pass cal	nspection as per 6L of Aeroshell v plugs PN URH found complete 02.61 and found d to be within I ibration and nev	DA20-C1 15W50 an M38E due Serviceal d serviceal mits. v card inst	d oil filter with re to failed test. It ble tag installed ble. New tag installed alled into aircra	new filter PN (Engine groundstalled.	CH48108-1. d run and	
1 2. 3. 4.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspe Survival kit inspe Tachometer che Compass calibra Nose tire worn o	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder bo d serviceable. ection Comple ection Kit inspeck due Check ation due Com	ompleted 20 0. Replaced ottom plugs eted inspect ected as pected as peter as pected as pe	00 hour in loil with rewith new tion and four and four pass cal	nspection as per 6L of Aeroshell v plugs PN URH found complete 02.61 and found d to be within I ibration and nev	DA20-C1 15W50 an M38E due Serviceal d serviceal mits. v card inst	d oil filter with re to failed test. It ble tag installed ble. New tag installed alled into aircra	new filter PN (Engine groundstalled.	CH48108-1. d run and	
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1. 2. 3. 4. 5. 6. 7. 8.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspe Survival kit inspe Tachometer che Compass calibra Nose tire worn o 400. Brake pads worr Replace main sh	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder be d serviceable. section Comple ection Kit insp eck due Check ation due Com but Nose tire a	ompleted 20 0. Replaced ottom plugs eted inspect ected as per completed inpleted com- ind tube rep - LH and R	00 hour in loil with new tion and fer CAR 6 and four pass callaced with the baced batter of the baced baced batter of the baced baced batter of the baced ba	inspection as per officer of Aeroshell of plugs PN URF found complete 02.61 and found ind to be within I ibration and new the new tire PN 5	DA20-C1 15W50 an IM38E due Serviceal mits. v card inst 04C61-2, with new V Y50-N18	d oil filter with re to failed test. It be to failed test. It be tag installed ble. New tag installed into aircra SN 91372331 allinings PN RAOBL-A. SN 04081	new filter PN of Engine ground stalled. ft. and new tube 66-10600.	CH48108-1. d run and	
2. 3. 4. 5. 6.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspectively also a function checked First Aid kit inspectively a function checked for a function checked first function checked for a function checked function checked for a function checked function checked first function checked function check	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder bo d serviceable. lection Comple ection Kit insp eck due Check ation due Com but Nose tire a in beyond limits. hip battery with in 2-Exhaust heater	ompleted 20 0. Replaced ottom plugs eted inspected as per completed commend tube replaced. LH and Replaced. Replaced inspected commend tube replaced.	00 hour in loil with new tion and four and four apass callaced with the brake I acced battetion - Co	Inspection as per 6L of Aeroshell of plugs PN URH found complete 02.61 and found and to be within I ibration and new the new tire PN 5 linings replaced tery with new Pl completed inspec	DA20-C1 15W50 an IM38E due Serviceal d serviceal mits. v card inst 04C61-2, with new N Y50-N18 ction as pe	d oil filter with re to failed test. It be tag installed ble. New tag installed salled into aircra SN 91372331 allinings PN RAOBL-A. SN 04081 er AD and no fa	new filter PN 0 Engine ground stalled. ft. and new tube 66-10600. 8-LJ. ult found.	CH48108-1. d run and	
1. 2. 3. 4. 5. 6. 7. 8.	200 hour/annual 78/80, 2-78/80, 3 Replaced #1,2 a function checked First Aid kit inspectively a function of the func	Il inspection - Co 3-78/80, 4-78/80 and 3 cylinder be d serviceable. section Comple ection Kit insp eck due Check ation due Com but Nose tire a	ompleted 20 0. Replaced ottom plugs eted inspected as per completed commend tube replaced. LH and Replaced. Replaced inspected commend tube replaced.	00 hour in loil with new tion and four and four apass callaced with the brake I acced battetion - Co	Inspection as per 6L of Aeroshell of plugs PN URH found complete 02.61 and found and to be within I ibration and new the new tire PN 5 linings replaced tery with new Pl completed inspec	DA20-C1 15W50 an IM38E due Serviceal d serviceal mits. v card inst 04C61-2, with new N Y50-N18 ction as pe	d oil filter with re to failed test. It be tag installed ble. New tag installed salled into aircra SN 91372331 allinings PN RAOBL-A. SN 04081 er AD and no fa	new filter PN 0 Engine ground stalled. ft. and new tube 66-10600. 8-LJ. ult found.	CH48108-1. d run and	

RECORD OF ENGINE

AIRWORTHINESS DIRECTIV	ES (A/D), SERVICE BULLETINS
ENGINE LOG	
Date: 05/26/2022 Reg: N677SA Make: Diamond Hobbs: 2002 3 Eng Model: 10-240B3 Eng S/N: 1003084 SMOH: 1460.0	- Date: 08/16/2022 Reg: N677SA S/N: C-0578 Make: Dlamond Model: DA20-C1 Hobbs: 2084 1 Tach: 1507 2 -Eng Model: 10-240B3 Eng S/N: 5MOH:
1.C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM as a guide. 2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50M Phillips. 3.Checked compressions. #1:72 #3:70 #2:72 #4:70.	1. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50M Phillips. 2. Leak checked and post run good.
I certify that this ENGINE has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition. A/P3304319I/A Jeff Pleiman	A/P4204143 Josh Strader. Signed: July
Signed:	-
W W W . S T E E L A V I A T I O N . C O M	W W W . S T E E L A V I A T I O N . C O M
wo: WO_94	Engine · page 1 of 1
STEEL	
Steel Aviation, Inc. · 53 North Street Ext · Phillips	sburg, Ohio 45354 · 937 332 7587
N677SA HOBBS: 2127.1 TACH : 1555.0	September 22, 2022
Performed 100hour inspection using Continental M-6 as a gu	ide
I certify that this ENGINE has been inspected in accordance we to be in airworthy condition. Details of work performed are on WO_94.	vith an (100hr) inspection and was determined file with Steel Aviation, Inc. under work order:
Jeff Pleiman A/P I/A 3304319	

wo: WO_99



Engine · page 1 of 1

Steel Aviation, Inc. · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

HOBBS: 2127.1

TACH: 1568.5

October 05, 2022

Replaced exhaust muffler assy. with new. Installed P/N DC0001-1 - MUFFLER ASSY, DA20.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation, Inc. under work order: WO_99.

Josh Strader A&P 4204143



SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE
wo: WO_118	Engine · page 1 of 1	
STEEL AVIATION	_	
Steel Aviation, Inc. + 53 North Street Ext + Phillipsburg, Ohio 45354 + 937 33	2 7587	
N677SA HOBBS: 2187.1 TACH: 1600.5	November 04, 2022	
stalled AA48108-2 oil filter, 6 qts. 20w-50 Phillips. Cut open and inspected oil fil ach Time: 1600.5 hrs.	rer. Date: 11/4/2022.	
lith respect to the work performed, this Engine is approved for return to service. Deta re on file with Steel Aviation, Inc. under work order: WO_118.	ails of work performed	
eff Pleiman A/P I/A 3304319		
V		

wo: WO_161



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA Continental, IO-240-B, S/N: 1003084

HOBBS: 2253.5 TACH: 1651.9

January 24, 2023

Engine · page 1 of 1

- 1. C/W 100 Hour inspection using Diamond DA20C-1 AMM as a guide.
- R/R IN/EX push tubes seals. #3 cyl. and #4 cly. Installed (4) P/N 501867 TAB LOCK WASHER IO 360 rocker shaft, Installed (2) P/N RG-632310 PREM VALVE COVER GASKET, Installed (2) P/N 534610 TCM PACKING PUSH ROD HOUSING.
- Removed cracked exhaust system. Installed serviceable exhaust system. Installed (4) P/N 630365 GAS-KET, EXHAUST FLANGE, Installed P/N DC0001-1 - MUFFLER ASSY, DA20 (SERVICEABLE).
- 4. Drained oil, removed oil filter, cut open filter, NDN at this time. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 Oil Filter.
- Removed air filter and installed new filter. Installed P/N BA-235E AIR FILTER ELEMENT DA20-C1.
- 6. Installed new oil pressure kit. Installed P/N 22-7930-10-00 Oil Pressure, Guage/Sender KIT, DA20.

I certify that this ENGINE has been inspected in accordance with a (100) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_161.

Jeff Pleiman A/P I/A 3304319

wo: WO_198

Engine - page 1 of 1

March 07, 2023



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

TACH: 1701.9

HOBBS: 2320.0

10 D ON 1000001

IO-240-B, Engine PN: IO-240-B, SN: 1003084,

Installed AA48108-2 oil filter, serviced with 6 qts. 20w-50 Phillips. Cut open and inspected oil filter.

All work performed IAW Diamond AMM. Details of work performed are on file with Steel Aviation under work order: WO 198.

Josh Strader A&P 4204143 -

DATE	A/D,	S/B,	s /I,	MODS			DETAILS O	F
wo: WO_230	†				1	Committee of the Commit	Engine page 1 of 1	
					STEEL			
	S	teel Aviati	on - 53 N	North Stree	et Ext · Phillipsburg, Ohio 45	354 · 937 332 7587	7	
N677SA		toorytriati			O-240-B, S/N: 1003084		April 24, 2023	_
HOBBS: 2385			H: 175					
epaired #1 an				Engine is	approved for return to se	ervice. Details of	work performed are on	
e with Steel A	viation un	der work	order:	WO_230.	21/2			
ad Helman A	&P 39399	68	3-	ul	15			_
wo: WO_230			W y	**************************************	The second secon	Engine 1	100 hour · page 1 of 1	
							-	
		! A. ::-+i-	- F2 N	outh Ctua at	Ext · Phillipsburg, Ohio 45354	4 . 937 332 7587		
N677SA					-240-B, S/N: 1003084	7 307 002 7007	April 24, 2023	_
HOBBS: 2385		TAC	H: 1751	.1			, , , , , , , , , ,	_
2 Checked	compressi	ons #1.7	0/80 #2	2.70/80 #3	20C-1 AMM CH. 05-20-00 3:70/80, #4:70/80.			
2 Drained	ail and rom	lio bovor	filtor C	ut open o	oil filter, no defects noted a 20W50 - Oil, Installed P/N	at this time. Servi	iced engine and in- Filter.	
Stalled He	w mer ms	talled (7)	L/IN LI					
4. R&R air f	ilter with no	ew. Insta	lled P/N	BA-235E	- AIR FILTER ELEMENT	DA20-C1.		
	ilter with n	ew. Insta	lled P/N	I BA-235E	- AIR FILTER ELEMENT	ur) inspection and	was determined to	
	ilter with n	ew. Insta	lled P/N	I BA-235E	- AIR FILTER ELEMENT	ur) inspection and	was determined to	
ertify that this in airworthy	ilter with no ENGINE condition.	ew. Insta has bee Details o	lled P/N	I BA-235E	- AIR FILTER ELEMENT	ur) inspection and	was determined to	
certify that this in airworthy osh Strader A	ilter with no ENGINE condition.	ew. Insta has bee Details o	lled P/N	I BA-235E	- AIR FILTER ELEMENT	ur) inspection and tion under work or	was determined to	
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certify that this in airworthy on the strader A	ilter with no services ENGINE condition.	ew. Insta has been Details o	lled P/N n inspec f work p	I BA-235E cted in acc performed	cordance with an (100 hot are on file with Steel Avia	ur) inspection and tion under work or Engi	was determined to rder: WO_230.	
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eertify that this e in airworthy osh Strader A8 1 : WO_282	ilter with no services ENGINE condition.	ew. Insta has been Details o	lled P/N n inspec f work p	BA-235E cted in acceptormed orth Street	cordance with an (100 hot are on file with Steel Avia	ur) inspection and tion under work or Engi	was determined to rder: WO_230.	
ertify that this in airworthy shall be in airworthy shall be shall be in airworthy shall be s	ilter with not selected at Inspection of the selected at Inspectio	ew. Insta has been Details o a el Aviation TACH on in accidard pra	n · 53 No Contine 1: 1768. cordano ctice ma	orth Street ental, IO- a e with FA aintenance	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide.	ur) inspection and tion under work or Engi	was determined to rder: WO_230.	
ertify that this in airworthy is h Strader Ales in Strader Ales in WO_282 775A DBBS: 2405.6 C/W Annua nental IO-2 Checked C	s ENGINE condition. &P 420414 Ste al Inspectition ompression	ew. Insta has been Details o 3 el Aviation TACH on in acc dard pra ons: #1:7	n · 53 No Contine 1: 1768. cordano ctice ma	orth Street ental, IO- a e with FA aintenance	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using	ur) inspection and tion under work or Engi	was determined to rder: WO_230.	
ertify that this in airworthy ash Strader Additional Strader Additiona	Ste Ste Ste Ste Ste Ste Ste Ste	ew. Insta has been Details o TACH on in acc dard pra ons: #1:7 ning. ed #3 ex	n · 53 No Contine 1: 1768. cordancetice may 20/80, #	orth Street ental, IO- a antenance 3:70/80, #	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide. #2:70/80, #4:70/80. new. Installed P/N DC000	Engi C1-3B - Riser, #3	June 27, 2023 -C1 AMM and Conti- Exhaust.	
ertify that this e in airworthy with a shift of the shift	Ste Ste Ste Ste Ste Ste Ste Ste	ew. Insta has been Details o TACH on in acc dard pra ons: #1:7 ning. ed #3 ex	n · 53 No Contine t: 1768. cordanc ctice march 1870/80, #	orth Street ental, IO- a ser with FA aintenance 3:70/80, #	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide. #2:70/80, #4:70/80.	Engi 54 · 937 332 7587 Diamond DA20- 01-3B - Riser, #3 inspection and was a second control of the control of	June 27, 2023 -C1 AMM and Conti- Exhaust.	
certify that this is in airworthy to sh Strader As Stra	Ste Ste Ste Ste Ste Ste Ste Ste	ew. Insta has been Details o TACH on in acc dard pra ons: #1:7 ning. ed #3 ex as been ils of wor	n · 53 No Contine t: 1768. cordanc ctice ma r0/80, #	orth Street ental, IO- a ser with FA aintenance 3:70/80, #	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide. #2:70/80, #4:70/80. The mew installed P/N DC000 Cordance with an (annual)	Engi 54 · 937 332 7587 Diamond DA20- 01-3B - Riser, #3 inspection and was a second control of the control of	June 27, 2023 -C1 AMM and Conti- Exhaust.	
ertify that this in airworthy ash Strader Additional Strader Additiona	Ste Ste Ste Ste Ste Ste Ste Ste	ew. Insta has been Details o TACH on in acc dard pra ons: #1:7 ning. ed #3 ex as been ils of wor	n · 53 No Contine t: 1768. cordanc ctice ma r0/80, #	orth Street ental, IO- a ser with FA aintenance 3:70/80, #	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide. #2:70/80, #4:70/80. The mew installed P/N DC000 Cordance with an (annual)	Engi 54 · 937 332 7587 Diamond DA20- 01-3B - Riser, #3 inspection and was a second control of the control of	June 27, 2023 -C1 AMM and Conti- Exhaust.	
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certify that this in airworthy on his Strader As Strade	Ste Ste Ste Ste Ste Ste Ste Ste	ew. Insta has been Details o TACH on in acc dard pra ons: #1:7 ning. ed #3 ex as been ils of wor	n · 53 No Contine t: 1768. cordanc ctice ma r0/80, #	orth Street ental, IO- a ser with FA aintenance 3:70/80, #	E - AIR FILTER ELEMENT cordance with an (100 hot are on file with Steel Avia Ext · Phillipsburg, Ohio 4535 240-B, S/N: 1003084 AR 43 Appendix D using the manual as a guide. #2:70/80, #4:70/80. The mew installed P/N DC000 Cordance with an (annual)	Engi 54 · 937 332 7587 Diamond DA20- 01-3B - Riser, #3 inspection and was a second control of the control of	June 27, 2023 -C1 AMM and Conti- Exhaust.	
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WORK OR INSPECTION PERFORMED	SIGNATURE	NUMBE
o: WO_288	Engine · page 1 of 1	
STEEL		
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332	7587	
Continental , IO-240-B , S/N : 1003084 IOBBS: 2445.5 TACH: 1799.8	July 17, 2023	
 Drained engine oil and removed oil filter. Cut open oil filter. No defects noted at this time. Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 - Q - TEMPEST OIL FILTER. 	il, Installed P/N AA48108-2	
 Post run and leak check good. Checked propeller attachment bolt torques in accordance with Sensenich W69EK7 	-CE manual REV 1	-
th respect to the work performed, this Engine is approved for return to service. Details with Steel Aviation under work order: WO_288.		
sh Strader A&P 4204143		
		f
wo: WO_309	Engine · page 1 of 1	
STEEL	-	
Stool Aviation F2 North Street Fut Dhillipphurg Ohio 45054, 007 007		
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587		
N677SA HOBBS: 2489.0 TACH: 1833.9	August 15, 2023	
O-240-B, Engine PN: IO-240-B, SN: 1003084,		
Removed and replaced EGT probe with new. Ops checked good. Installed P/N $015-000$ A20.	1 - EGT PROBE,	
Vith respect to the work performed, this Engine is approved for return to service. Details on the with Steel Aviation under work order: WO_309.	of work performed —	
arad Helman A&P 3939968 3		
wo: WO_317	T.	
	Engine · page 1 of 1	
STEEL	<u> </u>	
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 758	37	
N677SA Continental , IO-240-B, S/N: 1003084 HOBBS: 2511.0 TACH: 1850.9	August 28, 2023	
Drained engine oil and removed oil filter.		
Cut open oil filter. No defects noted at this time.		
 Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 AA48108-2 - Oil Filter. 	- Oil, Installed P/N	-
4. Post run and leak check good.		
With respect to the work performed, this Engine is approved for return to service. Details	of work performed	
are on file with Steel Aviation under work order: WO_317.	,	
osh Strader A&P 4204143		
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RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/r)

_								TO WAS, SERVICE BOLLETIN	13	IS/BI
	DATE		A/D,	S/B,	S /I,	MODS		DETAI	- S	OF
	wo: WO_3	328						Engine 100 hour · p	age 1	of 1
								STEEL ANALYSISTED		
	Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587									
	N677SA			010017111		11011110		September 07	7 201	
	HOBBS:				CH: 18			September 0	, 202	دى
	10-240-B, I						- •			
	nanc	e ma	anual as a	a guide.				20-C1 AMM and Continental IO-240-B standard practice	mair	nte-
-					1:70/80	, #3:62/	80,), #2:70/80, #4:64/80.		
-			Magneto		en insp	ected in	າລເ	accordance with an (100 hour) inspection and was deter	mina	d 4.
-	be in airwor	rthy	condition.	. Details	of work	perform	nec	d are on file with Steel Aviation under work order: WO_0	328.	u 10
-				1010		[]]	7	8 flin		
-L	Jeff Pleima	n A/I	J I/A 3304	4319	N/	7		8/12		
_	wo: WO_338	1	-				1	Engine · pag	1 of	1
-	wo. wo_ooo									-
-							4	STEEL		-
-	Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587									
	N677SA HOBBS: 257	5.9			ntinenta 1: 1901.8		0-E	B, S/N: 1003084 September 26, 2	023	-
_	Drained engine oil and removed oil filter.									
_	2. Cut oper							nstalled (6) P/N 20W-50 - Phillips Victory AW, Installe	d P/ľ	u -
-	AA48108	8-2 -	TEMPES	ST OIL F	FILTER.	J				-
-	Post runChecked	and pro	leak che	ck good aues IA\	<i>N</i> Sense	enich W	69	PEK-CF Rev. H due every 50 hours.		
- W	lith respect to	the	work per	formed.	this En	gine is a		proved for return to service. Details of work performed a	are o	n
file	e with Steel A	viati	on under	work or	der: W	0_338.				-
- -	sh Strader A	9 D /	120/1/43	-	///	17	1			_
			204140.	//		,	Γ			
\A/(o: WO_345	1						Engine · p.	200 1	of 1
***	o. 110 _040							Eligine · p	ige i	01 1
							4	STEEL		
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587										
	577 SA OBBS: 2581.7	7		Co TACH:		al, IO-2	40-	0-B, S/N: 1003084 October 02	, 202	23
Removed oil pressure instrument indication and engine oil pressure sending unit. And replaced with serviceable units. Ops check good @ 60 PSI.										
With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO 345.										
	Jeff Pleiman A/P I/A 3304319									
	W c pr									

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

WORK	OR	INSPECTION PER	FORMED	SIGNATURE	LICENCE NUMBER

wo: WO_346

Engine · page 1 of 1



Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

October 05, 2023

HOBBS: 2583.1

TACH: 1907.5

- 1. Removed oil pressure gauge and sending unit. Replaced with new oil pressure gauge and sending unit. Installed P/N 22-7930-10-00 Oil Pressure, Gauge/Sender KIT, DA20 S/N: 2823.
- 2. Removed oil pressure relief valve, cleaned seat and re-installed.
- 3. Drained oil, removed filter and cut open. No defects noted at this time.
- 4. Serviced engine. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 Oil Filter.
- 5. Post ran aircraft, oil pressure ops checked good.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO 346.

Jeff Pleiman A/P I/A 3304319

J/

wo: WO_372



Engine · page 1 of 1

Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

November 17, 2023

HOBBS: 2639.8

TACH: 1951.9

- 1. Drained engine oil and removed oil filter.
- 2. Cut open oil filter. No defects noted at this time.
- Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 - Oil Filter.
- 4. Post run and leak check good.
- 5. Checked prop bolt torques IAW Sensenich W69EK-CF Rev. H due every 50 hours.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO 372.

Echota Henderson A/P 4076904

wo: WO 391



Engine 100 hour page 1 of 1

Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA HOBBS: 2657 Continental , IO-240-B, S/N: 1003084

December 19, 2023

HOBBS: 2657.4

TACH: 1964.8

- 1. C/W 100 hour Inspection using Diamond DA20-C1 AMM and Continental IO-240-B standard practice maintenance manual as a guide.
- 2. Checked Magneto timing.
- Drained oil and removed oil filter. Cut open old filter NDN at this time Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 - TEMPEST OIL FILTER.
- L/H and R/H Magnetos Removed P/N 4309 Slick Magneto S/N: 09030334, Removed P/N 4310 Slick Magneto S/N: 09041651, Installed P/N 4310 MAGNETO S/N: 23040187, Installed P/N 4309 MAGNETO S/N: 22110736, Installed (2) P/N LW-12681 LYCOMING MAGNETO GASKET.
- 5. Timed new magnetos to 26 degrees per data plate. Ops tested good.

I certify that this ENGINE has been inspected in accordance with an (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_391.

Jeff Pleiman A/P I/A 3304319