

The Standard

ENGINE LOG

ASA-SE-1

G.C. SIMPSON 1925 CANADAIN CT Port Orange, FL 32128 386-383-0317 CELL 386-304-3671 Home



N514C5

ASA-SE-1

Engine Record General Informa	tion	bleast unw0 beraids
Manufacturer Teledyne C	ontinental Model IO	Type Certificate
Serial 241712R	SAL II ment -13	Type Certificate
This engine is currently installed in	aircraft N5746K	V 514C5
Minimum Octane Fuel	Oil Grade: Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
Manufacturer recommended overha		

Registered Owner Record			
C C Sin Dea		Address / 925 C	avadair Ct.
Port Orange	State_F_	Address	То
lame	MILLY	Address	
iame	State	From	To
700		Address	
City	State	From	То
		Address	
City	State	From	To
Name		Address	
City	State	From	То
Name		Address	
City	State	From	To

A

YEAR: 2017	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-11	1756.4		849.37	roow (50wr) Replaced oil felter with
				Champion CH 48108-01 M. C. Simpson 1557298 ATP
5/29	17903		8 83.27	Drowned wil + served with 10g+ terms 100 w (50 with Ropland onl filter with Champion CH et 8 108-01 Mc Limpson 1557293 ATP
				Champion CH 48 108-01 Achimpion 1557293 ATP
7/12	1822.9	(915.88	Dramed oil + derniced with 10gt Arwshill 100 W (50 w) Replaced oil filter with
				Champion CH 48101-01 A. C. Simpson 1557293 ATP

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10 4	1859.4		952.37	Dranged on a serviced with gets Heroshell
				SOWT. Replaced oil folter with Champion CH 48101-01 Ran Engine -No Leaks M.C. Simpson 1557293 ATT?
				CH 48101-01 Ran Engine No Leaks M.C. Singer
				1357293 HIT
		/-		

1.00	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Re Entries must be endorsed with Name, Rating Facility. (See back pages for other specific en	and Certificate Number of Technician
ATE				BAVTONIA	
	N	51/CS	(Engine)	DAYTONA AIRCRAFT SERVICES	12/12/2017
			35 S/N: D753	3 AIRCRAFT SERVICES	Tach: 1872.7
			: IO-520-BA3		Eng TT: 2093.6
	D ₀	wfammed t	he following r	maintenance:	Eng TSMOH: 965.7
-	_	1 Derfo	rmed an Annu	al inspection referencing the Beechcraft \$35	Maintenance Manual.
		2. Perfo	rmed a compre	ession test with the following results: #1 65/	/80, #2 70/80, #3 75/80, #4 72/80, #5
		72/80	and #6 70/80).	
		3. Verif	ied the installe	d Magnetos: L/H - M/N: S6RN-201; P/N: 10-	-163020-3; S/N: E17CA017R and R/H
		- M/N	J. S6RN-205: 1	P/N: 10-163060-1; S/N: E17CA016R.	
	Ic	ertify that	this Engine ha	as been inspected in accordance with an Anr	nual inspection and was determined to
	be	in airwor	thy condition.	Work performed in accordance with the cr	urrent regulations of the FAA and is
	ap	proved for	return to servi	ice. Details are on file at this Repair Station u	inder W () #\$C-10205.
			craft Services		
	56	1 Pearl H	arbor Drive	Authorized Signatu	ure: (/ / / / / / / / / / / / / / / / / /
	— D:	aytona Be	ach, Florida 3	2114	Jale Clemens A&P 3931087 IA
				END	

YEAR: 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOR	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb 10	1391.89	7 6 11	984.81	Drained oil a serviced with 12 gts Acroshall
		1 7	PT 171 +	100W (50 WT). Replaced onl gitter with
				Champion CH 101801 Ran ingre No lea
			-1	Mc Sempson 1557293 ATP
			-47.	
lay 19	1912.93		1005.9	Drained oil + serviced with 10 gts tershell
٥		-1 4	CIENT II	100 W (50 Wt.) Replaced oil filter with Temper
	1.2		4	AA 48108-2 Romengine - No Leeles
			+	DC Sumpson 1557293 ATR
				₩

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOW	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	1943.1		1036.	Dround oil + sommed with 11 gts herosbell
	LT-12		1- 4-1	100W (50WT) Replaced oil filter truth Champio
				48108:01 Ran engine - No Leeks
	4			He Lempson 552293 A
MAY 25	1972.2		1065,2	Dramed oil & Deviced with 11 gts Acroball
		11	7-	100 W (50 WT) Replaced only filter with Tempor
				MA48108:2 Ran engene - NO Leeks
				Mc Lempson 1557293 ATP

-43

YEAR:	TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Re Entries must be endorsed with Name, Rating a Facility. (See back pages for other specific entr	and Certificate Number of Technician or Repair				
721-				Table 1 (Coo Bash pages 10) ou lot oposino el la					
			1 1						
				DAVEONA					
	N51	4CS (Er	ngine)	DAYTONA AIRCRAFT SERVICES	1/10/2019				
			S/N: D7533	AIRCRAFT SERVICES	Tach: 1956.1				
	Engin	e M/N: IO	-520-BA3	S/N: 241712R	Eng TT: 2177.0				
	Performed the following maintenance: Eng TSMOH: 1049.1								
	1.	Performed	d an Annual in	aspection referencing the Beechcraft S35 Main	tenance Manual.				
	2. Performed a compression test with the following results: #1 75/80, #2 72/80, #3 70/80, #4 68/80, #5 73/80, and #6 76/80.								
	I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to								
	be in airworthy condition. Work performed in accordance with the current regulations of the FAA and is								
	approved for return to service. Details are on file at this Repair Station under WO #SC-10369								
	Daytona Aircraft Services, Inc.								
		earl Harbo		Authorized Signature:					
	Dayto	na Beach,	Florida 3211		rt Ciancetta A&P 50506840 IA				
	END								

YEAR:	RECORDING TACH TIME	TODAY'S SELIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/17	19820	LO75,1	2203	REPLACED RT EXHAUST HAVE FOLD PART # 438-950
7				AND LT EXPROST MOFFLER PART # A701-19 NOSTALLES
				Per MANNACTUER SPECS, GROWN ROW All OK
				Suel Flak 1580680 A+PAI
7/1	3 2002	53 1095	6 Ed.	Dramed oil & Derucad with 11 gts As
2			2733.53	100 W 50 w 7 Replaced out feller with Te
1	-			PAA 48108-2 Ran Engene - No Reshs
				De Impan 1557293 AT
				¥
_				

YEAR:	RECORDING TODAY'S TOTAL	Description of Inspections. Tes	sts. Repairs and Alterations or Repa
DATE	Engine Mfg.: Continental SN; 241712R	Model; IO-520-BA3 Tach; 2018.6 Hr.	Date; Jan. 03, 2020 TSOH; 2086:0 Hrs
11	Checked air ducts, fluid lines, & ho operation. Checked engine baffle Engine cold compression values w #5=78/80; #6=76/80. Calibrated C Performed borescope inspection of This engine complies with Teledyn Ran up engine. Checked for oil leader Performed annual inspection IAW	oses for leaks. Checked all powers. Vere the following; #1=58/80; #2=6 Drifice = 42/80. Of cylinders. De Service bulletin # M84-15, (Cylinaks. No leaks found. FAR Part 43, app. D & Beechcraft	plant controls for proper 1111.1 8/80; #3=70/80; #4=60/80; Inder Leakage Check).
	The following ADs were researche 16-16-12 ECI cylinders		moved TT 2067.0 Hrs.
	INSPECTION AND WAS DETERM		
_	lub.	E. Beers, A & P 3063640	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairs.)
Man 11	203058		1123.08	Aeroshell W100 plus (50 We) Replaced
				Aeroshell W100 plus (50 we) Replaced
				orlfilter with Tempert AA 48100-2
				Ran angene no leaks M.C. Sympan
				Ran angene. No leaks M.C. Sumpson 1557293 ATP

EAR:	RECORDING	TODAY'S FLIGHT	TOTAL	Description of Inspections, Tests, Repairs and Alterations							
OZO	TIME	T LIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair							
TE	N.	lav 7 0000		Facility (Con book name for all and a sign of the sign							
	N	514CS	lach:	032.9 Smoh 1/23.4 STOP 0							
			All Am anna								
	-	vlindere F	/ith AD 2016	-16-12, amend 39-18610, removal and replacement of all ECI							
		June 10: 1	removed sta	LICE, allernator, propeller governor, intake and exhaust eveteme							
	_	anning, an	u ancmary e	Quipment to access removal of all FCI cylinders. Disassembled							
		aise naill	and removed	Cylinders, inspected camehaft and lifter assemblies in							
	TAN-	par netta-	with SID05	1B and found all surfaces free and clear from spalling or abnormal							
	wear patterns. Fit ring set to owner-supplied Superior cylinders in accordance with Superior										
	C	ankcaee t	orqued in a	led cylinders with new TCM piston pins, P/N 630046. Cylinder							
	crankcase torqued in accordance with IO-520-BA Overhaul Manual, P/N X30039, Chg 8,										
	dated October 2013 using the sequence and step torque procedure outlined therein. Installed cylinders are identified as follows: 1. 526-C20-42410										
	2. 526-C20-42405										
	3.	777	0-42409	· · · · · · · · · · · · · · · · · · ·							
- 1	4. 526-C20-42407 5. 526-C20-42399 6. 526-C20-42401										
	Cı	ankshaft	end play and	propeller rotational tension checked before and after cylinder							
				nt and the results are as follows with valve train removed:							

YEAR: 2020	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technici Facility. (See back pages for other specific entries.)	ian or Rep
DATE	2032.9				
	Rotati End P As Le Break Rotati End F These dated Cylin Remo Tech repla new 100 r com	away at pronal effort lay nominate force find ders instantology understant lay nominate force all functions and increal oil	ropeller: 6.6 t: 5.0 - 6.0 polar. No change dings found a 1989 and AD lled with all relation harness waskets and and new oil sengine is ap	- 8.0 pound force und force e acceptable in accordance with TCM Service Bulletin M89-14, 89-14-01, amendment 39-6308. New seals, gaskets, hoses, and associated hardware. Replaced with new hose kit supplied by Precision Hose 779. Replaced all spark plugs with new Tempest URHB32E and ith new TCM P/N 10-423674-1. Accessories reinstalled with baffling repaired, as required. Engine serviced with Aeroshell filter. Engine pre-oiled, degreased, and ground run. Leak check proved for return to service.	

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOLT	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2056.83		HAMBS	1149.33 Drawed oil + Sewed with 11 gt
	STUP	23.9	Beroshell W100 (50W+) Plus R/R
	1		oul fulter with Temper F AA 48108-2
			Ran engine De Leaks & Edingson
			1557293 ATP
2005.0			Add 1 gt oil
2087.6		1.0811	Drained oil + serviced with 11 of Aero-
	STOP	54.67	
			with tempest AA 48108-2 Ran engine
			un leaks. D.c. Sempson 1557293 ATP
21047			Add 1 gt
	ZOS . S	TACH TIME FLIGHT 2056 X3 STUP 2065 .0 5TOP	TACH TIME IN SERVICE SMO H 2056 X3 STOP 23.9 2087.6 STOP 54.67

N514CS (Engine)

Beechcraft S35 S/N: D7533

Engine M/N: 10-520-BA3

S/N: 241712R

STOH 59.97

Eng TT: 2313.3

2/01/2021

Tach: 2092.4

Eng TSMOH: 1185.4

Performed the following maintenance:

Performed an Annual inspection referencing the Beechcraft S35 Maintenance Manual.

Performed a compression test with the following results: #1 74/80, #2 76/80, #3 77/80, #4 76/80, #5

I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Work performed in accordance with the current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC-10764.

Daytona Aircraft Services, Inc.

561 Pearl Harbor Drive

Daytona Beach, Florida 32114

Authorized Signature

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
			514CS (Er	A LUC O A M L N M D VIII M			
		Eng	gine M/N: IO formed the f	O-520-BA3 S/N: 241712R following maintenance:			
		All on I	new Oil F checks for work was per	the engine oil. Removed, cut open, and inspected the oil filter, no defects noted. Installed a Filter (P/N: CH48108-1) and serviced the engine with 11 quarts of Aeroshell 100+ oil. Leak ound to be satisfactory. erformed with current regulations of the FAA and is approved for return to service. Details are epair Station under WO #SC10884.			
		Day 561	ytona Aircraf Pearl Harbo	aft Services, Inc.			
+16.	21284			Add 1 gt			

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)						
			S (Engine) ES35 S/N: D7533	AIRCRAFT SERVICES	STO H = 178 17 3/03/2022 - Tach: 2142.6			
		Engine M	/N: 10-520-BA3	S/N: 241712R	Eng TT: 2363.5			
		Performe	d the following m	aintenance:	Eng TSMOH: 1235.6			
		2. Pe. 70 3. Dr ne I certify il be in airv approved Daytona 561 Pear	rformed a compres /80, and #6 70/80. mined the engine of woul filter (P/N: A hat this Engine has vorthy condition.	AA48108-2) and serviced the engine with 12 questions been inspected in accordance with an Annual Work performed in accordance with the currect. Details are on file at this Repair Station under the currect. Authorized Signature	filter, no defects noted. Installed a narts of Aeroshell 100W+ oil. I inspection and was determined to ent regulations of the FAA and is ler WO #SC11107.			

YEAR: 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/14	2159.5			Add 1 gt Aeroshall 100+ GCS
10/26	21723			665
12-14	2175,51		2396.41	Drained oil + Derinced with 11 gts.
			1268,51	Smott Aeroshell W100 (50 wx) Paus RIR
			121'08	STOH only filter with tempest A 48108-2
				STOH oul filter with tempest A 48108-2 Ran ergine - No Leaks Mc Simpson 1557293 ATP
				. 0 (557293' ATP

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician Facility. (See back pages for other specific entries.)	Or
DATE					
				DAYTONA	
		4CS (E		AIRCRAFT SERVICES 4/19/202	3
			S/N: D7533 D-520-BA3	Tach: 2183.	8
		rmed the	following ma	intenance: Eng TSMOH: 1276	7
	1.	Performe	d an Annual i	Aspection referencing the Beechcraft 835 Maintenance Manual	
	2.	Performe	ed a compress ad #6 60/80.	ion test with the following results: #1 60/80, #2 65/80, #3 60/80, #4 60/80, #	5
	3.	AD 2023	-02-12 is not	applicable (N/A) due to affected cylinders are not installed.	
	4.	AD 2023	-05-16 is not	applicable (N/A) due to affected crankshafts are not installed	
	_ l certi	fy that this	the JPI Engine Engine has I	been inspected in accordance with an Annual inspection and was determined	
		mi weathly	COMMITTEEL. VV	OIK Dellormed in accordance with the arm of the care of the care of	0
	1 1		CHAIL OF DOLLARD	DCDHIS SHE OR BIG OF this Dames Of C	17
		ona Aircra Pearl Harb		nc.	
	Dayto	ona Beach.	Florida 321	Authorized Signature:	-
				FAA CRS DYTR262	h

YEAR: LO23 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
f-(2186.57			Add 19t Aeroshell 100+ GCS
11	2506.62		2427,5	Dragged orl & served with 11 gts
		Smoll	1299,62	Aeroshell WIOW Plus (50 wt)
		STOH	182,19	colliste with Tempest AA 1848 7
	N514CS (I Beecheraft S35 Engine M/N:	5 S/N: D7	533 AIR	CRAFT SERVICES 5/N: 241712R CRAFT SERVICES Tach: 2206.62
	Performed the			
	AA481	08-2). Ope	erational and	ected the oil filter, no defects noted. Installed a new oil filter (P/N-leak checks found to be satisfactory.
	All work was p on file at this R			regulations of the FAA and is approved for return to service. Details are
	Daytona Airer			1//1.//
	561 Pearl Har			Authorized Signature:
	Daytona Beach	h, Florida	32114	Kevin Card A&P 3392461

YEAI	South Delta Aviation	Helena-West Helena, AR 72390	870-572-9011
DATI	N514CS		Date: 4-9-24
DAII	Tach: 2238.9	SMOH: 1331.9	TTE: 2459.8
	Completed annual inspection this	date: Performed compression test in accordance with TCM SB03-3. Mast	ter orifice = 44. Results
	are - 1=38, 2=62, 3=64, 4=62, 5=	66, 6=62. Removed #1 cylinder due to low compression. Disassembled an	nd inspected. Lapped
	- no metal found Serviced with A	ecked and honed cylinder. Reinstalled with new gaskets and seals. Change Aeroshell W100 Plus. Serviced spark plugs. Checked mag-to-engine timing	ed oil and filter, cut filter
	mounts, fittings and controls. Che	cked rocker screws and intake tube clamps. Cleaned fuel injectors. Repla	ced EGT probe on #3
	cylinder. Replaced right hand tail	pipe with new. Washed engine. Ground run up found satisfactory - no lea	aks detected.
	Compression test on #1 cylinder at	fter repair is 60/80. See AD list in aircraft records for details of compliance	e.
	BE IN AN AIRWORTHY CONDI	BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTI	ON AND FOUND TO
	6		_
	milk. John	Like	
	Michael D. Schlesselman		_
	A&P3469189IA		_
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	+		

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