

"Dedicated to Preserving a Classic."

AIRCRAFT MAINTENANCE LOG BOOK

Aircraft Paint Codes:

Allorate	Brand Code: 912008 Main Leve
American Champion Aircraft	
Date: 8/1/2023 Job No. 634-2023	SKU Description Makes 1 gal
Customer	ESM112 SUNSTONE VELL INC (5)
Manufacturer Main Layer	
Brand Code: 912008	LOW 15 HIGER EYE ORANGE 206.3
Didita dono.	
OEM Code: OK 1609	FSM111 GARNET DED 6125 40682
Description: Mixing Scheme: DELFLEET ESSENTIAL (ESSS SOLID)	46.9 4680.9
Mixing Scheme: DELI LEE	4727.6
Variant	0.7
Revision Date: Density: 9.24 lbs/gal(1107 g/L)	
Density: 9.24 ibs/gal/336 g/L)	
VOC Reg.LWLE: 2.81 lbs/gal(336 g/L) VOC Act: 2.43 lbs/gal(291 g/L)	
VOC Act: 2.43 ID3/gdi/25 8	
SDS (Color ESSS1	0
Makes: 1 gal	Comments
Price Code E	
Notes: PPG CONFIDENTIAL INFORMATION PPG CONFIDENTIAL INFORMATION	© 2023 PPG Industries. Inc. PPG CONFIDENTIAL TO
© 2023 PPG Industries, Inc. PPG CONFIDENTIAL IN CONFIDENTIAL I	© 2023 PPG Industries. Inc. PPG CONFIDENTIAL INFORMATION
American Champion Aircraft	DIGITAL CORP. 3U312U Main 1 -
	INIGHES TOOL
Date: 8/1/2023 Job No. 634-2023	Description Inc. ()
Customer Culture Motallice	2740 -
	ESM125 ODAL DIAGIC
Dialid Code. Octile	ESM106 TODAZ DILIE 1232.U 3980.6
	1298
Description: SILVER ME I Mixing Scheme: DELFLEET ESSENTIAL (ESSS MET/MICA)	94()
Variant: PRIME	ESM101 AMETHYST BLUE
Revision Date: 2/23/2005	93.9 4298.1
Density: 8.40 lbs/gal(1007 g/L)	
VOC Reg.LWLE: 2.80 lbs/gal(335 g/L)	
VOC Act.: 2.10 lbs/gal(251 g/L)	
SDS (Color ESSS1	
(L0001	
Makes: 1 gal	
Makes: 1 gal Price Code B	Comments ESSS BC MUST be clear coated. For Single
Price Code B	Stage use ESSS SS CDO at the Single
	Comments ESSS BC MUST be clear coated. For Single Stage use ESSS SS SDS & label: For Basecoat © 2023 PPG Industries. Inc. PPG CONFIDENTIAL INFORMATION

PO Box 37 32032 Washington Avenue -- Hwy D Rochester, WI 53167 www.americanchampionaircraft.com general information or technical support: 262.534.6315 toll-free parts ordering line: 800.223.9381

Aircraft Log & Maintenance Records

Aircraft General Informatio Manufacturer: American Cha Date of Manufacture: 7/27	12023	<u>craft</u> Mo	odel: <u>&</u>	CBC	Serial number:_	634-2023
Engine Currently Installed: Manufacturer: Lycoming Manufacturer:	Mod	del: <u>Ø-36</u> del:	0-616	Seria Seria	al number: <u>L-Y (</u> al number:	1113-36E
Propeller Currently Installe Manufacturer: Hcv+z-11 Hub model: HC-C27 Blade model: N/283	1VIOI	_ Senai num	iber: NO	10315	<u>) </u>	
Registered Owner Record:						
		_Address				
City:	State:	A 1.1	_ From:		10:	
City:		_Address				
City:	State:		From:		10:	
Name:		_Address				
City:	State:		_ From:		10:	
Name:		_ Address				
City:	State:		From:		To:	
Notes:					-	

Current Weight and Balance Information

Date	Total Time in Service	Empty Weight	Empty CG	Useful Load	Remarks
7/27/25	0.0	1408 165	13,74" aft	742 165.	
		1			

Entries must be endorsed with Name, Rating, License number of Technician or Repair Facility.

Aircraft Maintenance Log

Date	Tach Time	Total Time in Service	Description of Inspections, Tests, Repairs, and Alterations	Signature	License #
FA SI CO (O ap Alr	A Airworthiness impleted during omplies with Pa px E para C), A craft PLR C33 G.	s Directives current manufacturing; St art 43 appx F), auto DS-B out check pe 3CE during manufa	Title: QC, American Champion Aircraft Date: \(\frac{7}{26}\) 2 \(\frac{2}{2}\) 2 \(\frac{2}{2}\) through bi-weekly supplement 2023-16. The following checks have atic system per 91.411 (complies with Part 43 appx E para A), ATC transactic pressure altitude reporting system per 91.217 and 91.411 (corr 91.277. The following items have been installed via FAA STC under acturing of the airplane; SA01899WI, SA09855AC, SA01714WI. Title: QC, American Champion Aircraft t Test this date \(\frac{5}{2}\) 2 \(\frac{2}{2}\) and aircraft found satisfactory. Flight Title: Production Test Pilot, American Champion Aircraft	been satisfactory ansponder per 91.4 nplies with Part 43 American Champio	
I h Ain Si	ave inspected to porthiness Cert	this airplane and for this care FAA Form 8	nund it meets the requirements for the certificate requested. Issued and the state of the certificate requested. Issued and the certificate requested and the certificate	Standard 8/20-4	
Installe 337 for Bushwe balance	d an oil cooler do further details. Feel 26126.R tires	Removed 8.50 X 6 Til	Performance Air Inc. 4919 Aviation Way Caldwell, Idaho 83605 208-455-7400 N47VM h 337 dated September 28th, 2023. See res and Tubes and installed Alaskan ACA drawing 4-2042. Weight and 3203986 IA		
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ENGINE LOG BOOK



Engine Log & Maintenance Record

				LOG	#:
RECORD OF <u>American C</u> (MAKE)	hampion	රිදුර (MODEL)	CBC	634-7 (SERIA	.023 NL)
AIRCRAFT REGISTRATION N	UMBER: 👠	47VM		_	
FROM July 2	023	то		20	
DETAILING TIME FROM	<u>の</u> ,	то	(HOURS)		
f used on a multi-engine air	craft:I	Right _	Left	Front	_Rear

New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

) asserbances

Part Number

ENPL-RT9499

Serial Number Engine Model L-44113-36E

Work Order

O-360-C1G

Total Time

NF893362 0 Authorized Representative

Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A. Lycoming Engines is a division of Avco Corporation

Form 777C Rev 05/13

Engine Log

Serial #

		Repairs, Adjustments, Service, Rema	rks Signature	Licence		1
Time Run	Total Time Since Overhaul			1	Date	Time (He
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HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-CZYR-IN/NG8301-3

PROPELLER S/N N57103B

LOGBOOK #_/_



Position	PITCH RANGE
Propeller Model HC-CZYR-IN	High/Feather 30.0
Propeller S/N NS7103B	Start Lock
Blade Design NG 8301-3	Low_9.4
Blade S/N's No. 1	Reverse
No. 2 F0082	Aircraft Manufacturer American champio
No. 3	Aircraft Model 86 < B<
No. 4	S/N <u>634-2023</u>
No. 5	Registration N 47VM
No. 6	
Spinner Assembly Part No. 836 52	

		peller A TSO H	/C Descri rs Service	ption of all operations Documents, Overhau	pertaining to Alrworthiness Directives, I, Major or Minor Repair, and Inspections.
	8GCBC this o	: 0.0 er modelTRC-0	- 4	number NS7103B was i	nstalled on this aircraft s/n:634-2023, model
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US Department
of Transportation
Federal Aviation
A

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
	For FAA Use Only

Federal A Administ			(All III de	1110, 1	owerplant, r	ιορ	CIIC	n, or Appi	iance)					
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4 44	73.	Nationality N47VI	y and Reg V	istratio	n Mark				Serial No.634-2					
1. Alrcra	it				hampion A		Aircraft Model8GCBC			3C		Series		
2. Owne	r	4		_	ration certificate) untry Aircra		Address (As shown Address 4919 Aviati City Caldwell			Aviation Wa				
			m to	i es qu		SK e	· .		Zip 83607		Cour	State ID ntry USA		
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] X AIRFRAME		American Ci	American Champion Aircraft		(As described in Item 1 above)		634-2023						
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			PROPE	LLER					-			2		
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na	ve bee	n made in	accordan	orrect t	the requirements the best of my	s of F know	edg	43 of the U.S 18.	5 above and de Federal Aviation	scribed on n Regulatio	the revers	se or attachments hereto at the information		
Extended per 14 C App. B				Signa	iture/Date of Aut	horiz	ed II	ndividual Zella			9-2	18-23		
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Pursua Admini	int to strator	the author of the Fed	ority giver deral Avia	n perso	ns specified be ministration and i	elow, s	the	unit identifi	ed in item 5 v	vas inspec	ted in th	e manner prescribed by the		
вү —		Fit. Stand ector	lards	Man	ufacturer		Ma	intenance Or	ganization		ons Approv	red by Canadian Fransport		
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Certificate Designati		3203986	ence on a com-	Signa	ture/Date of Aut	horiz	ed li	ndividual	The same	Party.	9-2	8-23		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished		A CONTRACTOR OF THE PARTY OF TH	9-28	-22
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and the second s	Nationality and Re	gmsd0 noo	nom/-	1
· · · · · · · · · · · · · · · · · · ·			radiator	to regulate
A. Fabricated and installed airflow restrictor on the dirflow through the oil cooler to control the engine achieved by using an A-700 button lock (7/16-20 attached inside the aircraft cabin below the right "Oil "Oil "Oil "Oil "Archive and Testing	side of the instrum Temperature ush to Increase aluminum 3 3/38	ment panel pla	fabricate	ed using
2. The above installed modification found not to	interfere with any	other system	or equip	ment.
D. For Continued airworthiness and maintenand Maintenance Information Checklist, dated Septe	e see attached Do	ocument: Oil (Cooler Re	estrictors
E. Weight Change negligible.		ERPLANT	109	
		PELLER	ORF [
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Oil Cooler Restrictors Continued Maintenance

American Champion Aircraft

S/N: 634-2023 N47VM

September 25th, 2023

- Introduction: The modification consists of one aluminum- hinged plate attached to the
 engine side of the engine baffling in front of the oil cooler opening. One push/pull cables is
 mounted inside the cabin under the instrument panel to operate the plate or restrictor.
- Description: The Function of the modification is to regulate the airflow through the oil
 cooler radiator. The range of operation would be full closed (airflow blocked) to full open
 (no airflow restriction). This would aid in controlling engine oil temperature.
- 3. Control: The operation of the restrictor is one push/pull cable mounted inside the cabin below the instrument panel placarded:

"Oil Temperature Push to Increase"

- Servicing Information: oil hinge and lube cable.
- Maintenance Instruction: Inspect oil hinge and lube cable at each 100 Hour/ Annual Inspection.
- 6. Trouble Shooting Information: A careful Inspection of the cable and hinge points should make any malfunction evident.
- 7. Removal and Replacement: Remove the "B" nut on the oil cooler door. Remove the oil cooler mounting bolts and oil cooler. Remove the aft cylinder baffling. Drill the AN426-4 Rivets attaching the hinge to the baffling.
 To Replace: Attach the hinge using AN426-4 Rivets. Install Engine Baffling. Install Oil cooler and mounting bolts. Install "B" nut.
- 8. Diagrams: None Required
- 9. Special Inspection Requirements: None Required
- 10. Application of Protective Treatments: None Required
- 11. Data: None Required
- 12. List of special tools: None Required
- 13. For Commuter Category: Not applicable
- 14. Recommended Overhaul Periods: No Overhaul time Periods
- 15. Airworthiness Limitations: No additional airworthiness limitations
- 16. Revision: Maintenance information is required to be acceptable to the FAA. As such, changes should be documented by submitting the revised maintenance information along with the original 337 to the Aircraft Registration Branch (AFS-750) in Oklahoma City, OK. An entry in the aircraft records should indicate the current revision.