# ENGINE LOG BOOK



The subject aircraft was involved in an incident / accident on 10/16/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 3310547310US.

Signed: Underwriters Salvage Company

Date: **11/17/2025**AIG Aerospace Adjustment Services Inc 3500 Lenox Road, Suite 1100
Atlanta, GA 30326

#### **Engine Log**

Serial # \_\_\_\_\_

te	Time Run (Hours)	Si	Total Tim nce Overh		Repairs, A	Signature				
<u>u</u> (				Adv	anced Airc	raft Maint				
	DATE: 10/15/2025 ACFT MODEL: Dia DA40			Diamond	ACFT N#: N544DS	ACFT S/N: 40044	BASE: FWQ	MAINTENANC	E INSERT	
	The state of the s			ENGINE: Ly	NGINE: Lycoming 10-360-M1A		PROPELLER: MTV	S/N: 201751		
_	TOTAL TIME		1E	TOTAL TIN	ME SMOH:	L-21109-51E	TOTAL TIME	SMOH:		
	2	43.5		3866.6	March Control of the		544.5	371.7		
	Accomplished	the	following at	this time	and date:					
	• Compression Maintenance: • Replaced val • Drained oil, r CH48-110-1. • Cleaned, gap This Engine ha	che ve co emo ped a	over gaskets ved oil filter and rotated	, #2 76/80  [4] each G , cut filter spark plug	open no metal noto gs. to service By Adva are on file at this R	80. ed. Serviced engin nced aircraft main depair Station und	ntenance CRS 3	KIR540C for	the work perforn	
_	Robert Monahan Certificated Repair	Statio	n # CRS 3KJR54	OC	Date:	10/15/2025				
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										$\perp$
										$\perp$
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		_								+
_		-							-	+
60.0	Total: _									+

SSP-1872-1 @ 2015 A

Total to Date:\_\_\_\_\_

All repair data must bear the endorsemely a certified mechanic, and his/her rating certificate number MUST be shown.

### **Engine Log**

	192	
Serial	#	
Serial	++-	

#### **Engine Log**

SSP-1872-1 © 2015 Avco Corporation. All Rights Reserved.

Serial	#	
Scriai	"	

Date Time Ru (Hours)	Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #	Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
ROUGHT FORWAR					BROU	•	REG: N544D	DATE: 1/18/2023 TACH: 2504.5 SMOH: 344.1	TOTAL: 3627.6	
Λ	405 io/1/2 installed cak check	engine on Averatt NSHYDS, 91				2015-19-07 removed filt gapped and	by inspection of FI line ter, cut open no metal i I rotated spark plugs.	leted this time and date. Checked all applicable AD's thes IAW SB342G no defects noted next due 444.1 SMO found, reserviced with 8 quarts phillips 100AW and new Compression checks 1) 74/80 2) 73/80 3) 74/80 4) 76/8 in inspected IAW a 100hr inspection and is in an airwort.	H. Performed oil cha v CH48110-1 filter. Cle BO. Ground run leak cl	nge, eaned, hecked
pluas Compres	inspection completed aspection of FI lines IAI reserviced with phillips	44DS DATE: 2/11/2022 SMOH: 61.0 TOTAL: 3344.5 this time and date. Checked all applicable AD's through this da W SB342G no defects noted. Performed oil change, removed f 20/50XC and new CH48110-1 filter. Cleaned, gapped and rota ) 76/80 3) 79/80 4) 77/80. Ground run leak checked sat. I certi ection and is an airworthy condition at this time.				Ryan Doug AP3699307				_
Ryan Dougherty AP3699307	The inspiration inspiration inspiration in spiration in s	of 76/80 3) 79/80 4) 77/80. Ground run leak checked sat. I certification and is an airworthy condition at this time.	fy this engine			2015-19-07 removed file	by inspection of FI lin- ter, cut open no metal	leted this time and date. Checked all applicable AD's t es IAW SB342G no defects noted next due 537.4 SMC found, reserviced with 8 quarts phillips 100AW and nev	hrough this date. C/V DH. Performed oil cha w CH48110-1 filter. Cl	ange, leaned
	N544DS IZ?R LI S/N 2109 Check Sat	0571 on Ground can ops check le	98.Z R.			gapped and sat. I certi	d rotated spark plugs.	Compression checks 1) 72/80 2) 76/80 3) 74/80 4) 75/ n inspected IAW a 100hr inspection and is in an airwort	80. Ground run leak c	hecked
	by inspection of FI lines or, cut open no metal for rotated spark plugs. C this engine has been i	N544DS DATE: 6/6/2022 SMOH: 145.1 TOTAL: 3428.6 eted this time and date. Checked all applicable AD's through the SIAW SB342G no defects noted next due 245.1 SMOH. Performand, reserviced with 8 quarts phillips 100AW and new CH4811 compression checks 1) 78/80 2) 76/80 3) 78/80 4) 78/80. Ground inspected IAW an annual inspection and is approved for return to the same statement of the same stateme	nis date. C/W AD			2015-19-07 l removed filte spark plugs l	by inspection of FI lineer, cut open no metal for REM38E with new. Continue this engine has been been when the skowski	DATE: 5/10/2023 TACH: 2696.9 SMOH: 536.5  Ileted this time and date. Checked all applicable AD's the series IAW SB342G no defects noted next due 636.5 SMOH ound, reserviced with 8 quarts phillips 100AW and new ompression checks 1) 76/80 2) 76/80 3) 78/80 4) 77/80 inspected IAW an annual inspection and is approved for	hrough this date. C/V H. Performed oil char CH48110-1 filter. R& I. Ground run leak che	nge,
gapped and	rotated spark plugs. Co this engine has been i	DATE: 12/2/2022 TACH: 2405.6 SMOH: 245.2 TOTAL: ted this time and date. Checked all applicable AD's through this IAW SB342G no defects noted next due 345.2 SMOH. Performent, reserviced with 8 quarts phillips 100AW and new CH48110 compression checks 1) 73/80 2) 76/80 3) 70/80 4) 76/80. Ground inspected IAW a 100hr inspection and is in an airworthy conditional control of the contr	s date. C/W AD med oil change,	d. ded						
ought For	ward:	All repair data must t	200m kb c	reement of	Brow	Total: _		a cerunea me	must bear the en	O
otal to Dat	e:	a certified mechanic, certificate numb	and his/her	rating *		to Date		certificate	number MUST be	shown.

Total to Date:

Total to Date:\_\_\_

#### **Engine Log & Maintenance Record**

RECORD OF L	Ycomino (MAKE)	, 1	0-360 (MODI	) - M   A EL)	L-21109-	SIE (AL)
AIRCRAFT REGIS	STRATION	NUMBER: _	N54	4DS		
FROMI	0/1	20 <u>21</u>	то		_ 20	
DETAILING TIME	FROM _	(HOURS)	то _	(HOURS)	-	
If used on a mul	ti-engine	aircraft:	Right	Left _	Front	_Rear

#### **Overhaul Reciprocating Engine Certificate**

HENPL-RT10051

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number Serial Number Engine Model

L-21109-51E IO-360-M1A Work Order KM784766 **Total Time** 3283.5

Authorized Representative

LOG #:

Repair Station EJ1R115K

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

Form 2480 Rev 05/13





The Standard

## -ENGINE LOG