THE AIRCRAFT AIRCRAFT MAINTENANCE MAINTENANCE RECORD SYSTEM

ENGINE MAINTENANCE RECORDS



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N658DS
Engine Manufacturer
Model
Serial No. 3L-14962-51E
Date installed on aircraft 12/26/26/1
Time Between Overhauls (TBO) Hours
If used on multi-engine aircraft:
☐ Right ☐ Left
☐ Front ☐ Rear



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965 (631) 765-9375 (631) 765-9359 (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNATUR	DESCRIPTION OF A CERTIFICA	ON OF WOR	PERSON PER	ED- RFORMING WOF
				TOTALS brough	nt forward from	previous p	page	
	Logbook ntry		19	agon Aircraft S Wright Way, Fairfie 2: (973)575-0364 Fa	ld, NJ 07004	4		Authorized Cirrus Servic Center
10000	ate	N' Number	Make/Model	Serial#	Tach	Hobbs	Total Time	W. O.
8/8	/2018	N658DS	IO-360-M1A	L-14692-51E	3594.9	4640.4	1406.8	9532
Compre up to co	ssion test; #1 rrect low com	78/80, #2 76/ pressions. En	80, #3 73/80, #4 gine run up leak	76/80. Lapped #3 ed checked OK.	and #4 exhaust	valves, in pl	ace, to remove	d. Oil sample ta
			ove was perform regard to work p	ed satisfactorily and	d in accordance	with approv	ed/acceptable	data and is
	ized Signatur		the !	W/M		Steven Vand	derValk A&P 2	919106
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Er	ngine Logbool Entry	k	F	Paragon Aircr 19 Wright Way, F Phone: (973)575-03	airfield, NJ 070	04		B
#	Date	N' Numb	er Make/M	odel Seria	# Tach	Hobb	Total Ti	me W
100	1/25/2019	N658DS	S 10-360-	M1A RL-1496				6 9 d and gapped
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se	rvice with reg	gard to work pe		Wh_	nce with approve	John L	Longaker A&P	
se	rvice with reg uthorized Sig Engi	gard to work pe		Parag		John L	Longaker A&P C. 4 884	3432411 IA
se	rvice with reg uthorized Sig Engi	gard to work pegnature:		Parag	on Aircraft S ight Way, Fairfie 073)575-0364 Fa Serial#	John L Gervice, Inc Id, NJ 07004 IX (973)244-1 tach:	Longaker A&P	3432411 IA Total Time
se	Engi Comparison of the compar	ne Logbook Entry Date 6/17/2019 ed oil, sample Aeroshell 1000 ne timing. Eng	N' Number N658DS Ataken. Remove W AD oil. Remove	Parag 19 Wr Phone: (9 Make/Model 10-360-M1A ed and replaced filte oved, cleaned, insp nd leak checked sa	on Aircraft Sight Way, Fairfie 73)575-0364 Fa Serial# RL-14962-518 Rr, opened and in gapped, tested tisfactory.	John L Gervice, Inc Id, NJ 07004 Ix (973)244-1 tach: 3712 Insp old filter In and reinstal	C. 4 1884 TSMOH element, found lied all spark pl	Total Time 1523.9 satisfactory. Sugs. Reset LH
se	Engi Engi 6 Drain 7qts engir	ne Logbook Entry Date 6/17/2019 led oil, sample Aeroshell 1000 ne timing. Eng	N' Number N658DS Ataken. Remove W AD oil. Remove ine run, ops, and ork described ata	Parag 19 Wr Phone: (9 Make/Model 10-360-M1A ed and replaced filte oved, cleaned, insp nd leak checked sa	on Aircraft Sight Way, Fairfie 273)575-0364 Fa Serial# RL-14962-518 er, opened and in gapped, tested disfactory.	John L Gervice, Inc Id, NJ 07004 Ix (973)244-1 tach: 3712 Insp old filter In and reinstal	C. 4 1884 TSMOH element, found	Total Time 1523.9 satisfactory. S
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Engine Engine F 7/12 Installed	Engi Engi 6 Drain 7qts engir I cert appr Autt Logbook ntry 2/2019 I new cylinde	ne Logbook Entry Date 6/17/2019 Ine doil, sample Aeroshell 100' Ine timing. English the work roved for return thorized Signal N' Number N658DS r #1 baffle ass	N' Number N658DS Laken. Remove W AD oil.	Parag 19 Wr Phone: (9 Make/Model 10-360-M1A ed and replaced filte oved, cleaned, insp nd leak checked sa prove was performed regard to work get ragon Aircraft Wright Way, Fairt ne: (973)575-0364 I	on Aircraft S ight Way, Fairfie 973)575-0364 Fa Serial# RL-14962-51E er, opened and in gapped, tested disfactory. d satisfactorily and formed. Service, Inc ield, NJ 07004 Fax (973)244-18 Tach E 3717.1	John L Service, Inc Id, NJ 07004 IX (973)244-1 Lach: 3712 Isp old filter, and reinstal Ind in accorda Hobbs 4789.5	C. 4 1884 TSMOH element, found lled all spark pl ance with appro	Total Time 1523.9 Isatisfactory. Sugs. Reset LH Doved/acceptable Cirrus Servicenter W. O. 9838
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Page No. TACH OR RECORDING METER TIME TOTAL TOTAL TIME DESCRIPTION OF WORK PERFORMED-TIME DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SERVICE OVERHAUL TOTALS brought forward from previous page Paragon Aircraft Service, Inc. Engine Logbook 19 Wright Way, Fairfield, NJ 07004 Entry Phone: (973)575-0364 Fax (973)244-1884 Date N' Number Make/Model Serial# Tach TSMO Total Time 10-360-M1A N658DS RL14962-51E 3760.5 1572.4 1572.4 Checked and adjusted magneto timing. Tightened dipstick tube and resafetyed. Changed oil and filter, took blackstone oil sample, and added camguard. Cut open filter no metal found. Serviced with 7 quarts Phillips 20W50 oil. Run and leak check satisfactory. certify that the work described above was performed in accordance with approved/acceptable data and is approved for return to service with regard to work performed. James Patrick Mallon P 4265760 Authorized Signature: Paragon Aircraft Service, Inc. Authorized Engine Logbook 19 Wright Way, Fairfield, NJ 07004 Cirrus Service Entry Phone: (973)575-0364 Fax (973)244-1884 Center N' Number SMOH Make/Model Serial# Tach Total Time W. O. 2/11/2020 N658DS 1606.6 IO-360-M1A RL-14962-51E 3794.7 10047 Changed oil and filter cut open old filter no metal found. Oil sample taken. Serviced with 7 quarts Phillips 20W50. Magneto timing checked. Spark plugs cleaned and gapped. #1 78/80, #2 72/80, #3 78/80, #4 60/80. Reinstalled left magneto serial# 11020723 after 500 hour inspection by Maxell's Magnetos, see maintenance release in aircraft records. C/W AD 15-19-07 by inspection of fuel injection lines. Engine washed and run-up checked OK. I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed. Authorized Signature: Steven VanderValk A&P 2919106 IA Authorized Paragon Aircraft Service, Inc. **Engine Logbook** Cessna Service 19 Wright Way, Fairfield, NJ 07004 Entry Phone: (973)575-0364 Fax (973)244-1884 Center Make/Model Serial# tach: TSMOH Total Time W. O. N' Number Date 3845.2 N658DS 10-360-M1A RL-14962-51E 7/21/2020 Drained oil, sample taken. Removed and replaced filter, opened and insp old filter element, found satisfactory. Serviced engine with 7gts Aeroshell 100W AD oil, and one bottle of Camquard. Removed, cleaned, insp, gapped, tested, and reinstalled all spark plugs. Engine run, ops, and leak checked satisfactory. I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed. Stephen Dooley A&P 153549117 Authorized Signature:

Engine Logbook Entry		Authorized Cessna Service Center					
Date	- N' Number	Make/Model	Serial#	tach:	TSMOH	Total Time	W. O.
1/21/2021	N658DS	IO-360-M1A	RL-14962-51E	3923.1		1735	10442

I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.

Authorized Signature: Status Devel

Stephen Dooley A&P 153549117

Paragon Aircraft Service, Inc. Authorized Engine Logbook 19 Wright Way, Fairfield, NJ 07004 Cirrus Service Entry Phone: (973)575-0364 Fax (973)244-1884 Center Serial# Tach SMOH N' Number Make/Model **Total Time** Date W.O. RL-14962-51E 10-360-M1A 3928.5 1740.4 3/8/2021 10469 Changed oil and filter cut open old filter no metal found. Oil sample taken. Serviced with 7 quarts Phillips 20W50 mineral. Magneto timing checked. Spark plugs cleaned and gapped. #1 70/80, #2 72/80, #3 78/80, #4 78/80. Replaced #3 and #4 cylinders due to low compression with new Superior Millenium cylinders SL36006W-A20P serial#'s 366W000001541 and 1543. C/W AD 15-19-07 by inspection of fuel injection lines. Engine washed and run-up checked OK. I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition. I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed. Steven VanderValk A&P 2919106 IA Authorized Signature: Paragon Aircraft Service, Inc. Engine Logbook 19 Wright Way, Fairfield, NJ 07004 Entry Phone: (973)575-0364 Fax (973)244-1884 3961.1 TSMO Total Time Date N' Number Make/Model Serial# Tach -3384.4 IO-360-M1A RL14962-51E 1757.4 **N658DS** Changed oil and filter. Cut open filter no metal found. Serviced with 7 quarts Phillips 20W50 oil. Run and leak check satisfactory I certify that the work described above was performed in accordance with approved/acceptable data and is approved for return service with regard to work performed. John L. Longaker A&P 3532411 Authorized Signature: Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Center Phone: (973)575-0364 Fax (973)244-1884 **Total Time** W. O. N' Number Make/Model Serial# Tach Hobbs Date 1,797.6 9532 5131.2 IO-360-M1A L-14692-51E 4001.3 N658DS 9/16/2021 Changed oil and filter, cut open filter no metal found. Serviced with 7 Qts Phillips 20W50 X/C and 1 pint Camguard. Oil sample takes Engine run up leaked checked OX. I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed Steven VanderValk A&P 2919106 Authorized Signature: Paragon Aircraft Service, Inc. Engine Logbook 19 Wright Way, Fairfield, NJ 07004 . Entry Phone: (973)575-0364 Fax (973)244-1884 N' Number Make/Model: W. O. Date Serial# Tach TSMO **Total Time** N658DS 10-360-M1A RL14962-51E 4010.1 1806.4 10800 1806.4 11/9/2021 Checked Magneto timing, did not require adjustment. Checked spark plug resistance, cleaned and gapped sparkplugs. Reinstalled sparkplugs and runup satisfactory. certify that the work described above was performed in accordance with approved/acceptable data and is approved for return to service with regard to work performed. James Patrick Mallon P 4265760 Authorized Signature: SUB-TOTALS this page TOTALS-Carry forward to next page

	-					4	-	Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNATUR	MED- ERFORMING WORK			
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Engine L Ent			19 \	agon Aircraft Se Wright Way, Fairfield (973)575-0364 Fax	NJ 07004			
Da	e N'	Number.	Make/Model	Serial#	Tach 4	TSMO	Total Time	W.O.
2/8/2	022 N	658DS	IO-360-M1A	RL14962-51E	4039.0	1850.9	1850.9	10855
added car	nguard. Cut on at the work de th regard to w	pen filter no m escribed above ork performed	e was performe	pillage from servicing rviced with 7 quarts F	hillips 20W5	0 oil. Run ar	nd leak check sa	tisfactory. ed for return to
	ed Signature:							



3330 AIRPORT LOOP SALISBURY, NC 28147 OFFICE: 704-431-6862 INFO@SOUTHTECAVIATION.COM

DATE: APRIL 26, 2022 | LYCOMING IO-360-M1A | S/N: L-14962-51E | REG: N658DS

FACH: 4048.1 HRS. TTE: 1860.0 HRS. TSMOH: NO OVERHAUL

100 HOUR INSPECTION COMPLETED THIS DATE USING DIAMOND AIRCRAFT DA40 INSPECTION CHECKLIST, AIRPLANE MAINTENANCE MANUAL, AND LYCOMING REPAIR MANUAL. AD'S CHECK THROUGH BI-WEEKLY NUMBER 2022-09.

AD 2015-19-07 INSPECTION OF EXTERNAL FUEL INJECTOR LINES COMPLIED WITH FOLLOWING LYCOMING ENGINES MSB NO. 342G, DATED JULY 16, 2013. REINSPECT AFTER ANY MAINTENANCE IS DONE WHERE ANY CLAMP ON A FUEL INJECTOR FUEL LINE WAS DISCONNECTED, MOVED, OR LOOSENED AND WITHIN EVERY 110 HOURS TIS AND AFTER EACH ENGINE OVERHAUL. NO FAULTS NOTED.

- -COMPRESSIONS: 1). 75/80, 2). 70/80, 3). 76/80, 4). 72/80.
- -CUT OIL FILTER, NO METAL NOTED.
- -COLLECTED OIL SAMPLE FOR ANALYSIS.
- -CHANGED OIL AND SERVICED ENGINE WITH SEVEN AEROSHELL W15W-50.
- -REPLACED OIL FILTER, P/N:(AA48110-2).
- -REPLACED RIGHT MAG WITH OVERHAULED SLICK MAGNETO P/N 4370R.

GROUND RAN ENGINE, NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED TO SERVICE.

TIMOTHY D JORDAN

A&P/IA 3264477

SUB-TOTALS this page	

	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNAT			VORK PERFORM OF PERSON PE	
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Engine L			19	ragon Aircraft Wright Way, Fair 9: (973)575-0364 I	ield, NJ 070	04		-
Da	te	N' Number	Make/Model	Serial#	Tach	TSMO	Total Time	W. C
0/20/	2022	N658DS	IO-360-M1A	RL14962-51	E 4096.3	1908.2		1116
Changed	oil and filter.	Cut open filter	no metal found	d. Serviced with 7	quarts Phillip	s 20VV50 oil. I	Run and leak che	ck satisfacto
I certify th	at the work	described above work performed	e was performe	ed in accordance	vith approve	d/acceptable o	ata and is approv	ved for return
	ed Signatur		nh 111			John L. Lo	ngaker A&P 353	2411
Authoriz	or orginatur	9	1		Trucker v		***************************************	
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	AT 1- 1-38.			Special Marian Assessment of			7-71-2	
		NEW	ENGLAN	ID AERO	SERVIC	ES		
		E	NGINE MAI	NTENANCE R	ECORD			
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Ma		Model IO-360-M		iai ivuilibei		8DS	6-8-2023	3
Lyco	Contract Con		79	NEW YORK		ISMOH:		
Tach Ti		4127.3	A	ne TT:		ISMOH.		
Perform	ned an anni	ual inspection	using a Diam	and checklist				
	TTI . C-11	ing additional	maintananaa	was performed:				
			maintenance	was performed:	4) 75/80.			
	 Comp All oil 	ression check and fuel scree	maintenance 1) 76/80 2) ens inspected a	was performed: 76/80 3) 77/80 and cleaned				
	 Composition All oil Change 	ression check and fuel scree ed oil and filte	maintenance 1) 76/80 2) ens inspected a er AA48110-2	was performed: 76/803) 77/80 and cleaned , serviced with 8		4 20W50 and	l Insp. filter.	
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	 Composition All oil Chang Inspect Servic Installed Complexity Sent of 	ression check and fuel scree ged oil and filte ted and cleane ed all spark plued new Cylind lied with valve in serviceable lifut #4 connection	maintenance 1) 76/80 2) ens inspected a er AA48110-2 d air filter ele ugs. er assembly in guide SB 388 mits #3 requir ng rod out for	was performed: 76/80 3) 77/80 and cleaned by serviced with 8 ment. n #4 position P/N 8C SL 1425A on red reaming to be repair PennYan	Qts. Phil M I SL36006V Cylinders a compliant Aero. Inspe	W-A20P S/N # 1, 2, and 3. with Service ected and ins	366W0011490 1 and 2 were Bulletin.	
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DATE	TOTAL TIME IN SERVICE	TIME SINCE OVERHAUL TIME SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK										
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	ENGINE MAINTENANCE RECORD											
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	C/W the foll				injection lines wi	th no de	faata na	tad Naut dua 4	202 7 Tooh			
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	I certify that	the abov	e sta	ated maintenance	ce and/or inspection	n(s) was	perform	ed in accordance	with the current			
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