## AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

## The United States of America Department of Transportation Federal Aviation Administration Washington, D.C.

No. E 407485

## Export Certificate of Airworthiness

This certifi	15 that the product identified below and more particularly described in Specification (s) of
	ation Administration, Nurr. bored 1E10
	ned and as of the date of this certificate, is considered airworthy in accordance with a
	nd detailed airworthiness code of the United States Government, and is in compliance with
	quirements of the importing country filed with the United States Government, except
	This certificate in no way attests to compliance with any agreements or contracts between
	rurchaser, nor does it constitute authority to sperate an aircraft.
	Aircraft Engine
	Lycoming Engines

Model.

10-360-M1A

Serial No .

L-33782-51E

New X Newly Overhauled |

Used Stiroraft |

Country to which exported: Canada

Exceptions

None

F.H.Hill, Jr.

Signature of Authorized Representative

September 13, 2007

ODARF830878NE

District Office or Designee Number

<sup>1</sup> For complete aircraft, list applicable specification or Type Certificate Data Sheet numbers for the aircraft, engine, and propeller. Applicable specifications or Type Certificate Data Sheet, if not altached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

FAA Form 8130-4 (7-68) Formerly form FAA 26





## RECORD of ACCESSORIES AND MAJOR PARTS SHIPPED with ENGINE

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Model No: IO-360-M1A

Serial No: L-33782-51E

Enpl: ENPL-RT10051

Order No MT298596

TC No: 1E10

Date: 9/11/2007

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR				
INJECTOR	61J22633	PAM	70C68603	2576568-1
LT ALTERNATOR	22242552	KELLY	H072950	
RT ALTERNATOR	32C19553	KELLT	HU12950	
MAGNETO LEFT	66GR25SANN	SLICK	07071813	
MAGNETO RIGHT MAGNETO DUAL LASER IGN CONT	66GP-0SANN	SLICK	07071894	
STARTER	31B22105	SKY-TEC	F4L-070709	
FUEL PUMP	LW-15473	LYC	3407 D/C	
IGN HARNESS L	67P20429	SLICK		
IGN HARNESS R LASER IGN HARNESS	67P20428	SLICK		
SPARK PLUG	1182-E7	Champion		
LT TURBOCHARGER				
RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER #2 INTERCOOLER				

CRANKCASE MATCH NO. K0019

CRANKSHAFT SERIAL NO. V537948763

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.

All accessories are new unless part number is succeeded by -85 or -70.

Released: Inspector

6

Date: 9/11/2007

C of A Issued Date: 9-13-07

9-13-07 80

NOTE: Form to be used on all New, Overhauled, Rebuilt Engine Models.

Form ET-001 (REV 03/05)



# **ENGINE LOG** LYCOMING Make IO-360-MIA 2. Model Specification 3. 1E10 4. Manufacturer's Serial L-33782-SIE Number Date of Manufacture 5. Aircraft Inspection Cycle

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DATE	TIME	RUN		SINCE	and the second second second second second	NSTALLATIO				414	
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PA	SES AND AS M	ANY LINE	S AS REQ	WIRED F	OR COMPL	ET
BROUGHT -		-	Ø	Ø	ENGINE INS	TALLED	NEW	oN	DA	40	5/1
											-
					Engine installation DA 40 W.I.S. Rev:			ond Airc	raft Indus	stries Inc.	No.
					Engine service with	8 qts. Of Phi	lips 20W	50 Type	"M" engi	ne oil.	18
	1										100
					Engine break-in I.A	.W. Lycoming	Service	Instruction	on 1427E	3,	
						FLIGHT TES	T COMP	LETED			
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	Linker	2477 J	0					To Table	VI TO	Samuel	-
				a control							
ENGINE MODEL:	9	TERLING S	Sterling A	viation				2/21/2008	-		
ENGINE S/N: REG. NO: N695DS		1	45 John Gler concord, CA 9	n Drive				ENG TT: 63 TACH: 63	1	-	4
			hone: 925-67					IACH. 00	a discount	1200	
WORK ORDER: 4344-02-2008			IKHE. 525-01	.02.00					1000		
4344-02-2008 Engine Entrie											
4344-02-2008 Engine Entrie					Insp. of old filter, no metal found. Ra	in and leak checked.	No leaks fou	nd.			
4344-02-2008 Engine Entrie Serviced engine with	th 8qts of 15W				Insp. of old filler, no metal found. Ra	in and leak checked	. No leaks fou	nd.			•
Engine Entrie Serviced engine wit Hobbs 46.2  Maintenance Relea	th 8qts of 15W	7-50 oil. Instal	lled a CH481	10-1 oil filter.	d in accordance with current FARs n	ules of the Federal A	viation Regul				0
Engine Entrie Serviced engine wit Hobbs 46.2  Maintenance Relea	th 8qts of 15W	00 N695DS vservice. Per	lled a CH481 was repaired inent details	10-1 oil filter. and inspected	d in accordance with current FARs nare on file under Work Order No. 43	ules of the Federal A 44-02-2008, Dated 2	viation Regul 2/21/2008.	lations and			•
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## MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS TRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE
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CAMBIEC FORWARD		
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MAXIMUM HOURS BETWEEN OVERHAULSHOURS.	100	
		AN Experience

DATE	TIME	RUN		SINCE		STALLATIONS, INSPE	
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAG	ES AND AS MANY LINES AS	REQUIRED FOR COMPLE
e 01/13/2009 N69	SDS 1	Make/Mo	del Dian	nond DA	40 S/N 40.865	Tach 146.4	Hobbs 195.3
gine Make/Mo	_				L-33782-51E ETT	THE RESERVE OF THE PERSON NAMED IN	MANAGEMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL
s, appendix D. Cleaned ompression test, result sted, rotated and re-in H48110-1. Cut open serviced engine with 8 fective date 04/29/200, (g). No discrepancion rst. Complied with A sternally mounted fue ext due at ETT: 246. amps are disturbed. erformed satisfactory ecordance with Lycon	d engine s were as stalled spand inspending quarts of 108, Precision is noted at D 2008-1 injector l 4, at engine Performed engine growing 10-36	and all co follows: ark plugs cted old of Phillips Di ion Airmet t this time 4-07, am lines", in ne overhed AD se- ound run 60 series	omponen #1-79/80 . Draine oil filter to CC 20W- otive "In e. AD no nendment accordant aul or an arch, all to check operator	ats, and he control of the control o	abed control cables and labor, #3-78/80, #4-76/80. moved oil filter and instated for unacceptable particle. Complied with AD 2008 of fuel injection servo part tach: 196.4 or next of 22, effective date 8/14/20 AD para. (k). No discremaintenance is performice and all applicables, operation and perform as appropriate to the world and service were supported to the world as appropriate to the world as appropriate to the world as appropriate to the world and all applicables.	ne aircraft checklist, and linkages as required. Per Cleaned, inspected, gapp lled new Champion oil fits. None noted at this time 8-08-14, amendment 39-1 lug" in accordance with a lug" in accordance with a log. Lycoming "Inspection pancies noted at this time and where fuel injection and AD's complied with to tance. All work performe ork performed. I certify the ned to be in an airworthy	formed ed, lter P/N ee. 5466, AD para. eurs on of c. AD line his date. d in
ondition, and is approv	ed for ret	turn to se					
-il	a	1		D 2212	770 14		
lichael Cronk			A8	&P 32185	572 IA		
- Malaka				1.77	1.50		
			I	A QUI	NTA AIR SERVICE	ES INC.	
-				A STATE OF THE REAL PROPERTY.	NE LOGBOOK EN	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
	N6	95DS	6/3/09			S TIME: 255.9 HOU	RS
15W- CH43 CHE 03 P/ THE	50 MU 3110-1 I CKED I ARA.(j),	LTIVIS FILTER NORM (g),(h) SERVO	COSIT L. INSI AL. CO BY A S	Y OIL PECTEI OMPLII 50 HOU	AND INSTALLED OTHE OLD OIL FILED WITH PRECISION OF THE OLD OIL FILED WITH PRECISION OF THE OLD OIL OF THE OLD OF THE OLD OIL		ION MINATES, D. 2009-02- ION OF
				1.1	LA QUINTA AIR SERVICES I	NC.	
					THERMAL, CA 92274	The second secon	
-	de la compa			name			
INJEC REVI A NE	TOR SE	ITH PRI RVO PL PARA. G OND AI	ECISION UG GAS , I THRO RCRAFT	ENGIN FACH T AIRMO KET P/N DUGH I F P/N D4	N 2577258 IN ACCORD 0. REPLACED THE AI 1-7166-20-30 VALVE I	6/18/09 ME: 257.2 HOURS BY REPLACEMENT OF ANCE TO MSB NO. PROFITE AIR VALV BODY. ENGINE RUN OF ANCE WORLD WITH A STATE AIR VALV BODY. ENGINE RUN OF ANCE WO. # 39/0	S-107, E BODY WITH
TOTAL					LA QUINTA AIR SE	RVICES INC.	

REPAIRS, ADJUSTMENTS	UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	NUMB
N695DS 10-12-09 TACH TIME 240.8 I FILTER. ADDED 8 QUARTS OF AER ONE NEW CHAMPION CH48110-1 F	QUINTA AIR SERVICES INC. HOBBS 316.2 HOURS. CHANGED THE ROSHELL 15W-50 MULTIVISCOSITY OF ILTER. INSPECTED THE OLD OIL FILT MAL. ENGINE RUN UP AND OIL LEAK  Signed W.O. # 337  FAA REpair Station LQ6R171N LA QUINTA AIR SERVICES INC. THERMAL, CA 92274	L AND INSTALLED ER FOR CHECKS	
	de el completo de los referencias de la completa d		
Engino			
- Engine - Date 1-29-2010	Registration # 695D	s	
Make Lycoming		60-M1A	
Total Time 280.4		782-S1E	
- TTSN 280.4			
	ng, exhaust system, accessories, wiring,		10
Inspected oil cooler. Cleaned ar	nd inspected fuel strainer. Inspected and	Lubed engine controls	-
	follows: # 1 76/80, # 2 74/80, # 3 76/80		
	degrees. Removed clean, gap, re-instal		600
	and 2008-08-14 by inspection of fuel inj		
	ue 380.4 hours. No defects noted.	ector clamps and	
Test run and function check OK.			
Airworthiness Directives chec		-2010	1
	inspected IACW 100 Hr/Annual Ins		-
	ix "D" and was found to be in an air		
and detail of 1 Art 45 Append	and was found to be in an an	Worthly Condition.	
Robert Finch AP IA 2703704	681	-	-
- Robert High All IX 2700704	1		
		1	1
			-
Date <u>3/9/2010</u>	Registration # 695D		-
Make Diamond	Model DA40		
Total Time 289.	Serial # 40.86		1
— Tach Time <u> </u>	Engine TSN	P9.1	-
Lycoming IO-360 M1A	sound all filter . Installed CULO	40 Su	
	noved oil filter. Installed new CH48		
	s. Aircraft needs to be test ran to po	errorm leak	
check before flightEND	01/7/		
	(1)1 81		
D-1-4 F. 1 AD 14 07007			
Robert Finch AP IA 270370	04 / 1/		

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_HOURS

DATE	TIME	RUN		SINCE	NOTE: HE SOTH	INSTALLATIONS, IN		FOR COMPLETE
, WARREN LAND	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH	PAGES AND AS MANY EIN	TES AS REGULARD	POR COMPET
BROUGHT -	or Callet	7-1	5-20	10	TACH 3	40.8		
FORWARD		DRA	WE	0 0	L. REMO	TOOK FIZER. FILTER. 100 W PLUS W APIA 2703704		
	-	IN.	57701	LED	Cu 110	FILTER.	-	<del>/</del>
Alternative Control	-	Ani	200	é	NE AC	COOK PILE	-	
		700	100	0 (	675 75	" AD-TO		
	100	OK	5 1	OBE	RT FINE	2702704		
	100	10	28	X		4,00,00		
		Mariani	-				-	
							-	
	1				pole more and access of persons of the contract of the contrac	Actor annual service of the contract of		
Date 1	2/7/2010				Registration a	# 695DS		
	iamond		-		Model	DA40		
Total Time T			obbs		Serial #	40.865		
Tach Time	374.9	5	and the state of the state of		Engine TSN	the second secon		
Engine L	ycoming	10-360	M1A				15 de 150	
					cessive magneto		de. 11. 1	
		os and	send o		ero Accessories,	Van Nuys, CA for o	verhaul.	
Magneto 813								
	0 forms	with air	craft do			and a supplication of the state of the state of		
Remove old s	park plu	with air gs and	craft do	8 each	new platinum fin	e wire spark plugs.		
Remove old s Install magne	park plu tos with	with air gs and new ga	craft do install askets,	8 each set mag	new platinum fin gneto timing.	e wire spark plugs.		•
Remove old s	park plu tos with	with air gs and new ga	craft do install askets,	8 each set mag	new platinum fin	e wire spark plugs.		•
Remove old s install magne Function che	spark plu tos with ck and te	with air gs and new ga est run	craft do install askets, engine	8 each set mag	new platinum fin gneto timing.	e wire spark plugs.		•
Remove old s nstall magne function chec	spark plu tos with ck and te	with air gs and new ga est run	craft do install askets, engine	8 each set mag	new platinum fin gneto timing.	e wire spark plugs.		•
Remove old s nstall magne Function che	spark plu tos with ck and te	with air gs and new ga est run	craft do install askets, engine	8 each set mag	new platinum fin gneto timing.	e wire spark plugs.		•
Remove old s nstall magne Function check Robert Finch	spark plutos with ck and te	with air gs and new ga est run	craft do install askets, engine	8 each set mag	new platinum fin gneto timing.	e wire spark plugs.		
Remove old sonstall magner Function check Robert Finch	spark plu tos with ck and te AP IA 2	with air gs and new ga est run 703704	craft do install askets, engine	8 each set mag	new platinum fin gneto timing. ations normal.			
Remove old sonstall magner Function check Robert Finch Engine Date	spark plutos with ck and te	with air gs and new ga est run 703704	craft do install askets, engine	8 each set mag	new platinum fingneto timing. ations normal.	n# 695DS		
Remove old sonstall magner Function check Robert Finch  Engine Date Make	spark plutos with ck and te AP IA 2	with air gs and new ga est run 703704	craft do install askets, engine	8 each set mag	new platinum fingneto timing. ations normal.  Registration Model	1# 695DS 10-360-M1A		
Remove old s nstall magne Function chec Robert Finch  Engine Date Make Total Time	park plutos with ck and to AP IA 2	with air gs and new ga est run 703704	craft do install askets, engine	8 each set mag	new platinum fingneto timing. ations normal.  Registration Model Serial #	1# 695DS IO-360-M1A L-33782-S1E		
Remove old sonstall magner Function check Robert Finch  Engine Date Make Total Time TTSN	park plutos with ck and te AP IA 2  1/17/2 Lycone 3/1/	with air gs and new gast run 703704	craft do install askets, engine	8 each set mag. Opera	Registration Model Serial # Tach Time	1# 695DS IO-360-M1A L-33782-S1E 3PP. 6	hoses.	
Remove old s Install magne Function check Robert Finch  Engine Date Make Total Time TTSN Inspected	park plutos with ck and te AP IA 2  1/17/2 Lycone 3/9 engine m	with air gs and new gast run 703704	craft do	8 each set mag. Opera	Registration Model Serial # Tach Time system, accessoria	1# 695DS IO-360-M1A L-33782-S1E		
Remove old sonstall magner Function check Robert Finch  Engine Date Make Total Time TTSN Inspected Inspected	apark plutos with the ck and te ck a	with air gs and new ga est run 703704	craft do install askets, engine	8 each set mag. Opera	Registration Model Serial # Tach Time system, accessorid fuel strainer. Ins	1# 695DS 10-360-M1A L-33782-S1E 3re. o les, wiring, fuel and oil	ne controls	
Remove old s nstall magne Function chec Robert Finch  Engine Date Make Total Time TTSN Inspected Inspected Performed	apark plutos with ck and te AP IA 2  1/17/2 Lycone 3/1/2 engine micoil cooler. compres	with air gs and new ga est run 703704	craft do install askets, engine affling, ed and i	exhaust	Registration Model Serial # Tach Time system, accessori d fuel strainer. Insp	1# 695DS IO-360-M1A L-33782-S1E 3PP. 6 les, wiring, fuel and oil pected and lubed engine	ne controls	
Remove old s Install magne Function checked in Complied in Complie	apark plutos with the ck and te ck a	with air gs and new gast run 703704	paffling, ed and intra solutions as follows:	exhaust inspected ows: #1	Registration Model Serial # Tach Time system, accessorid fuel strainer. Inspirit installed 110-1 file-14 by inspection	1# 695DS  10-360-M1A  L-33782-S1E  3PP. 0  es, wiring, fuel and oil pected and lubed enging, # 3 19/90, # 47/90  Iter. 7 qts AS100W  of fuel injector clamp	ne controls	
Remove old sonstall magner Function checked in Complied of Fuel injected for Fuel in	1/17/2 Lycone agneto ti with AD's or servo p	with air gs and new ga est run 703704 2011 ning co o clean sion tes ming. D 2008-14 lug. Ne	eraft do install askets, engine affling, ed and i at as follo ast due	exhaust inspected ows: #1 engine of 2008-0	Registration Model Serial # Tach Time system, accessorid fuel strainer. Inspection il installed 110-1 file 18-14 by inspection hours. No defects	1# 695DS  10-360-M1A  L-33782-S1E  3PP. 0  es, wiring, fuel and oil pected and lubed enging, # 3 19/90, # 47/90  Iter. 7 qts AS100W  of fuel injector clamp	ne controls	
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Remove old sonstall magner Function checked in Complied of Fuel injects.	apark plutos with ck and te ck and t	with air gs and new ga est run 703704 2011 ning ounts, b Cleand sion tession t	raft do install askets, engine affling, ed and i at as follo rained ext due checke	exhaust inspected ows: #1 engine of 2008-0 HP, 0 HENDd through	Registration Model Serial # Tach Time system, accessored fuel strainer. Inspirit installed 110-1 files-14 by inspection mours. No defects the system was a system of the strainer. Inspirit installed 110-1 files-14 by inspection mours. No defects the system of the syste	1# 695DS  10-360-M1A  L-33782-S1E  3PC. 0  ies, wiring, fuel and oil pected and lubed enging, # 3 17/70, # 47/70  iter. 7 qts AS100W of fuel injector clamp noted.  1/17/2011	ne controls	
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REPAIRS, ADJUSTMENTS, MODIFICATIONS TRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMN	NS. SIGNATURE	LICENCE
	1	NOROTH
Date 3/14/2011 Registration # 6958 Make Diamond Model DA4 Total Time 393.8 Serial # 40.8 Tach Time 393.8 Engine TSN Installed new Concorde ships battery PN RG-24-15MEND Robert Finch AP IA 2703704	10	10 m 12 m 32
	8,8/13	
6-6-2011 TACH 438.1 DRAINED ENGINE O	216	1-8-5
REMOVED FILTER INSTALLED NEW CHILO	FREN TRU	
FILTER AND 8 QTS ASJOONTOIL INSPE	CRO 22 755	
FUEL INTECTOR SERVOPING & CLAMES PER	5 SUTO STUNE	
AD 2008-14-07 AND AD 2008-08-14.	AD 2007-14-	
NEXT INSPECTIONS DUE 53P HOURS.		
ROPERT FINCH ARIA 2703704 DM	3 - 00.00	57
Leak test exhaust on aircraft. Several leaks discovered at exhaust spontage Remove leaking exhaust system. Ship exhaust to Acorn Welding, Edfor repairs. Re-install exhaust with new gaskets and hi-temp anti-seize	5 S. o yder. monton,AB	
Repair forms for exhaust included with aircraft documentsEND  Robert Finch AP IA 2703704		6
9-1-2011 REMOR ALL SPARK PLLES AND INST	<b>∞</b> € <i>07.</i>	1
CHENN SOTION PLUS S' RE- INSTA		·
RUN-UP SITISFACTORY.		a la char
ROBERT FINCH NEW 270,370+ W		
		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

DATE	TIME RUN		TIME RUN			HAUL	INSTALLATIONS, INSPECTIONS,
A STATE OF THE STA	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE		
BROUGHT -		-					
P-51-2011	493	9	081	INED	OK & REMOJED PILTER. INSTALLED		
	CHI	0-1	FILT	R	ENSTALL 7 OTS ASJOON ALUS OK.		
	ADE	# 2	11-1	5-10	FUEL SERVE DIAPHRAGM NOT APPLICABLE		
		11.04.000	and see that I	Co. E. C. L.	PERFORMED ON FUEL SERVO.		
				A SALE AND PROPERTY.	APLIA 2703704 BUT		
		54	3.8				
-14-2011	TACH	34	8.3	DRA	MED ENGINE OIL AND REMOVED		
	FILTE	R.	ZUST	ALL	ED CH 110-1 FILTER AND		
					IL. INSPECTED FUEL		
	1				PLUES AND CLAMPS PER		
	1	1		The second second	D AD 2008-08-14 UO.		
	1	The second second second		The state of the s	VEXT INSPECTION DUE 648 TACH.		
					1PJA 2763704 Of 1. FND		
Constant Rose	7,00	~	1 //	-			
i i	lake otal Tin ach Tin	ne 59		5	Model		
	otal Tin ach Tin ORAM NEW	ne 59 CH 110	5.8 7.6	OL C	Serial # 40,865  Hobbs Time 728.8  NEMOVE CILTER, INSTALL  12 5 7 at AS/000 PLUS OIL,		
	otal Tin ach Tin ORAM NEW	ne 59 CH 110	5.8 7.6	OL C	Serial # 40,865  Hobbs Time 728.8  NEMOVE CILTER, INSTALL  12 5 7 at AS/000 PLUS OIL,		
	otal Tin ach Tin ORAM NEW	ne 59 ne 59 NE NE 110	5.8 1.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	OFFEC	Serial # 40,865  Hobbs Time 728.8  NEMOVE CILTER, INSTALL  12 5 7 at AS/000 PLUS OIL,		
	otal Tin ach Tin DRAIM NEW SAFER EVEL RER	ne 59 ne 59 NE NE 110	5.8 1.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	OFFEC	Serial # 40,865  Hobbs Time 728.8  N REMOVE CILTER, INSTALL  OIL DEAIN, LASPECT  AND FUEL INSTECTOR CLAMPS  TS NOTED END		
Da M	Total Tine Tach Tine Tach Tine Tach Tine Tach Time	inch AF	15.8 10.5.8 10.0	OLL COLUCE OF ECO	Registration # 6950S  Model Jo-340-MIA  Serial # 40,865  Test (an ok)  Registration # 6950S  Model Jo-340-MIA  Serial # 1-33782-SE  Hobbs Time		
Da M. Ta	otal Tin ach Tin DRAMA NEW SAFET EVEL RER A Sobert F  ate ake otal Time ach Time ER AD	inch AP	15.8 10.5 10.5 10.5 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7	OLL COLUCE OF ECO	Serial # 140,865 Hobbs Time 728.8  *** REMOVE PILTER, INSTALL  *** I OT AS 1000 PLUS OIL,  *** OIL DRAIN, INSPECT  *** NOTED END  Registration # 69505  Model 10-340-MIA  Serial # 1-33782-5E  Hobbs Time  UNC COMPS AND SERVO PLUE  *** NOTED  *** NOTED  *** AND SERVO PLUE  *** OF - 18-14. No DEFECTS NOTED DUE		
Da Da Da Ta Da Za	otal Tin ach Tin DRAJA NEW SAFES EVEL RER A Robert F	inch AF	15.8 10.5 10.5 10.5 10.7	OLL COLUCE OF SCOTOR	Serial # LAO, 865 Hobbs Time 728.8  N REMOVE PLETER, INTALL  12 5 7 at AS 1000 PLUS OIL,  OIL DRAIV. INSPECT  TO NOTED END  Registration # 69505 Model 10-340-MIA Serial # L-33782-SE Hobbs Time  LINC COMPS AND SERVO PLUS  105-18-14. NODEFECTS VOT DUE  WE OIL & REMOVE 61275.		
Da Min To Za	Total Ting Tach Ting Tach Ting Tach Tach Tach Tach Tach Tach Tach Tach	inch AP	15.8 10.5.8 10.0 10.0 10.0 10.7	OLL COLUCE OF ECO	Serial # 140,865 Hobbs Time 728.8  *** REMOVE PILTER, INSTALL  *** I OT AS 1000 PLUS OIL,  *** OIL DRAIN, INSPECT  *** NOTED END  Registration # 69505  Model 10-340-MIA  Serial # 1-33782-5E  Hobbs Time  UNC COMPS AND SERVO PLUE  *** NOTED  *** NOTED  *** AND SERVO PLUE  *** OF - 18-14. No DEFECTS NOTED DUE		

- Engine		
- Date	8/22/2012	Registration # 695DS
Make	Lycoming	Model IO-360-M1A
Total Time		Serial # L-33782-S1E
- TTSN	697.9	Tach Time 697.9
		exhaust system, accessories, wiring, fuel and oil hoses.
		inspected fuel strainer. Inspected and lubed engine controls
		ows: #179/80, #279/80, #376/80, #479/80.
		engine oil installed 110-1 filter. 7 qts AS100W
_ Complied wi	ith AD's 2008-14-07 and	d 2008-08-14 by inspection of fuel injector clamps and
		797 hours. No defects noted.
	d function check OK	
	ess Directives checke	
I Certify thi	s engine has been in	spected IACW 100 Hr/Annual Inspection per scope
and detail o	of FAR 43 Appendix	"D" and was found to be in an airworthy condition.
Dahart Fir	ch AP IA 2703704	211
_ Robert Fine	UII AP IA 2/03/04	- XI
		THE RESERVE OF THE PROPERTY OF
	THE STATE OF THE STATE OF	
	A STATE OF THE STA	
– Date	10/2/2012	Registration # 695DS
Make	Lycoming	Model IO-360-M1A
Make Total Time	Lycoming 749.5	Model <u>IO-360-M1A</u> Serial # <u>L-33782-S1E</u>
Make Total Time Tach Time	Lycoming 749. 5	Model   IO-360-M1A
Make Total Time Tach Time Drained eng	Lycoming 749. 5 749. 5 ine oil and removed oil	Model   IO-360-M1A
Make Total Time Tach Time Drained eng	Lycoming 749. 5 749. 5 ine oil and removed oil	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model   IO-360-M1A
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 749. 5 ine oil and removed oil	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained engiand 7 quarts Robert Find	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
Make Total Time Tach Time Drained eng and 7 quarts Robert Find	Lycoming  749. 5  ine oil and removed oil AS100W Plus. Test re ch AP IA 2703704	Model Serial # L-33782-S1E Engine TSN  ##9.5  filter. Installed new CH48110 filter un and leak check OKEND
Make Total Time Tach Time Drained eng and 7 quarts Robert Find  Date Date Lyo	Lycoming 749. 5 ine oil and removed oil AS100W Plus. Test re ch AP IA 2703704	Model IO-360-M1A Serial # L-33782-S1E Engine TSN
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MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_HOURS

DATE	TIME	RUN	TIME	SINCE	INSTALLATIONS, INSPECTIONS,
47 14 17 18 18 18 18 18 18 18 18 18 18 18 18 18	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
Date 3	-116	12015		F	Registration # 68505
Make Z	YCOM				Model 20-,360
Total Time 8		8		5	Serial # 40.865
Tach Time	556	8		-	Hobbs Time WA
DEANENCINE	NEC	RENGU	E FISTE		TUSTALL NEW 110 FILTER &
7075 A510	24/ 8	uic K	NGINE		EDS TO BE IGK TOTED REFORE FLIGHT
WERETED !		1154-1	108	Dell	& FUEL INTEGOR CLAMPS.
058 0 0		25-60	_	KXY	DUE NEXY OIL CHARGE END.
ren migi	NUZ		4,7	7	A A A
Robert Finch	APIA	270370	1 0	///	70
Nobell I literi	או וא	210310	7	_	
		1			
OFL C.		7.027.1	1777		Angel City Flyers
				Engin	Date: 9/13/13 N695DS 5/N: 40.865  ne: Lycoming IO-360-M1A 5/N: L-33782-51E  Main: 562.366.4806
				2.18.1	Total Time: 894.4 Hobbs: 1079.5 Cell: 562.881.5345
Performed 100 Hour/A	nnual Inspec	tion using DA4	0 AMM as a guid	de.	
2. Checked engine compi	ression: #1 74	4/80 #2 78/80			경기가 가난 경기에는 하지만 하는 것이 없는데 없었다.
<ol> <li>Retimed mags IAW Lyc</li> <li>Replaced oil filter P/N</li> </ol>			/C 20W-50 IAW	DA40 AMM	12-10-00.
<ol> <li>Replaced muffler inser</li> <li>Replaced alternator ar</li> </ol>					
7. AD 2011-26-04 (fuel in	jector lines) i	inspected IAW			e by 994.4.
ADs current to biweek     Performed ground run					
				Salar Park	lead to be a shought condition
certify this engine has be	en inspected	IAW an Annua			ined to be in airworthy condition.
				Authorized Si	gnature David Seastead AP3492477 IA
			-		
10:= 10/:1	i				
Air Wil	min	gtor	Inc.	PO Box	x 1930, Wilmington, NC 28402 (910) 763-0146
Air Wil					
N695DS		Diamono	DA 40	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013
N695DS Performed o	Il chan	Diamono ge using	DA 40 custome	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs.
N695DS Performed o Leak check a	Il chan	Diamono ge using	DA 40 custome	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013
N695DS Performed o	Il chan	Diamono ge using	DA 40 custome	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs.
N695DS Performed o Leak check a	Il chan	Diamono ge using	DA 40 custome	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs.
N695DS Performed o Leak check a	Il chan	Diamono ge using	DA 40 custome	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs.
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N695DS Performed o Leak check a 40 AMM.  John Nelson	il chang nd grou	Diamono ge using und run	DA 40 custome good. Se	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs. all tires. No defects noted. Work performed IAW Diamond DA
N695DS Performed o Leak check a 40 AMM.  John Nelson	il chang nd grou	Diamono ge using und run	DA 40 custome good. Se	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs.
N695DS Performed of Leak check at 40 AMM.  John Nelson A&P 3403532	il chang nd grou	Diamono ge using und run	DA 40 custome good. Se	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs. all tires. No defects noted. Work performed IAW Diamond DA
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N695DS Performed of Leak check at 40 AMM.  John Nelson A&P 3403532	il chang nd grou	Diamono ge using und run	DA 40 custome good. Se	S/N 4	0.865 Hobbs: 944.2 Date: DEC 10, 2013 lied oil, Phillips 20/50 and CH48110-1 oil filter. Filled wth 9 QTs. all tires. No defects noted. Work performed IAW Diamond DA

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UN	USED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	NUMBE
SouthTecAviation Mobile (334) 728-6806  Date: Mar.26 2014, DA40.865 Reg: N695D Tach: 1808.8 TT: 1808.8 hrs.  Annual/100hr inspection completed this date in DA40-180 AMM rev 7. Compression test #1 76/80, #2 75/80, #3 78/8	n accordance with Diamond Aircraft  0. #4 76/80. Removed filter and suction		
gaped Spark Plugs. Replaced Sniffle Valve P/I With P/N AUL-3045BS.  Filled engine with Phillips XC oil an AD 2011-26-04 C/W by inspection  See AD list for I certify that this engine has been inspected I/A	N 75444. Replaced Alternator brush set and installed a Tempest AA48110-2 filter. of fuel injector lines. (Next Due 1082hrs). or Compliance		
found to be in an Airworthy Condition  Control  Glenn M. Lawler	AP 2151929 IA		
			4
ASI/			
SouthTecAviation Mobile (334) 728-6806			
Date: Oct 30 2014. DA40.865 Reg: N695DS Ly	yc. IO360 M1A L-33782-51A		
Tach: 1035.2 TT: 1035.2 hrs.			- 46
Changed oil and filter. Filled sump with Aeroshell Tempest AA-48110-2 filter. Inspected old filter for	15W50 oil and replaced filter with new \ metal and none found.		
All work performed I/A/W Diamond Aircraft Mainte Aircraft returned to service.	enance Manual and all Applicable FAR's	La L	
Glenn M Lawler			
Glenn M Lawler	AP 2151929 IA		-
		-	
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#### 910-367-3344 www.CapeFearAirworks.com

Mar-16 N695DS Eng Model 10-360-M1A L-33782-51E Annual due Eng S/N Due Recurring AD's Date 23-Mar-15 1157 AD 11-26-04 Fuel Injection Line Insp. Current Tach: 1057 **Total Eng Time** 1057

Inspected engine in accordance with DA 40 and Lycoming 100 hour inspection procedures. Drained oil. Removed filter, cut open, inspected it & inlet screen for contamination none found. Installed new CH48110-1 filter and added 7 qts of Phillips XC 20W50 oil. Checked compression (#1-77/80. 2-78/80, 3-78/80, 4-77/80). Cleaned & serviced JR induction air filter element IAW JR instructions. Complies with Power Flow exhaust system ICA's, installed new #3 exhaust Header. Performed magneto 500 hour inspection, both mags, no parts required, reinstalled and timed. R&R copper crush seal at oil pressure probe. Ran engine for operational and leak checks, found idle high, reset IAW Diamond DA40 MM, found airworthy.

I certify that this Engine has been inspected in accordance with a Annual/100 hr inspection and were determined to be

BRUNSWICK COUNTY

Auth Sign& Cert.

AIRPORT, NC

CAPE R

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Date: 12/11/15

N695DS

Hobbs1122.8 hrs.

LETE

Drained oil, removed, cut, inspected filter, no defects noted. Installed new CH48110-1 filter and 8 quarts of Phillips XC 20w-50 oil. Serviced tires, Performed ground run/leak check. No defects noted.

--- A&P3694900



Total Eng Time: estimated

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Eng S/N Annual due Apr-17 N695DS Eng Model 10-360-M1A L-33782-51E Recurring AD's Due 1-Apr-16 Date AD15-19-07 fuel injection line insp 1247.0 1147.0 Current Tach: 1147.0

Inspected engineDA40 MM section 5-28-50. AD15-02-07 N/A due to engine model. AD15-19-07 fuel injection line inspection, found airworthy. Drained oil. Removed filter, cut open and inspected for contamination none found. Inspected inlet screen no findings. Installed new CH48110-1 filter and added 7 qts of Phillips XC 20W50 oil. Checked compression (#1-78/80, 2-71/80, 3-77/80, 4-74/80). Serviced induction element IAW JR Filter instructions. Inspected & serviced Powerflow exhaust IAW ICAs & installed new Powerflow exhaust pipe liner. Installed new set UREM38E spark plugs. Ran engine for dynamic balancing to .05 IPS using Dynavibe, operational and leak checks found airworthy.

I certify that this Engine the been inspected in accordance with a 100 hr inspection and were determined to be Airworthy.

A&P 1759842 IA

CAPE R BRUNSWICK COUNTY 910-367-3344 www.CapeFearAirworks.com

Date: 8/15/16

N695DS

Hobbs1207.6 hrs.

Drained oil, removed, cut, inspected filter, no defects noted. Installed new CH48110-1 filter and 8 quarts of Phillips XC 20w-50 oil. Installed new set of spark plugs, UREM38S. Serviced tire pressures. Performed ground run/leak check, found airworthy

Mechanic: / Cherry A&P1759842 A I R W R K S

BRUNSWICK COUNTY AIRPORT, NO

Due to intermittent excessive mag dro
P/N K3822, verified internal timing and

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Date: 8/18/16

N695DS

Hobbs1208.1 hrs.

Due to intermittent excessive mag drop removed RT mag opened, inspected. Installed new distributor block assembly P/N K3822, verified internal timing and assembled mag, Work performed IAW Unison L-1037 manual. Installed mag and timed to engine IAW date plate. Performed ground run/leak check, found airworthy.

Mechanic/

A&P1759842



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Oct-17 N695DS Eng S/N Eng Model 10-360-M1A L-33782-51E Annual due Due Date Recurring AD's 25-Oct-16 AD15-19-07 fuel injection line insp 1361.9 **Current Tach:** 1251.9 **Total Eng Time: estimated** 1251.9

Inspected engine IAW DA40 MM section 5-28-50. AD15-19-07 fuel injection line inspection, found airworthy. Drained oil. Removed filter, cut open and inspected for contamination none found. Inspected inlet screen no findings. Installed new CH48110 1 filter and added 7 qts of Phillips XC 20W50 oil. Checked compression (#1-75/80. 2-79/80, 3-76/80, 4-77/80). Serviced induction element IAW JR Filter instructions. Inspected & serviced Powerflow exhaust IAW ICAs & installed new Powerflow exhaust pipe liner. #1 cylinder IB exhaust stud came out with nut removal, Installed new standard size stud P/N 31C-12. Engine AD list updated 10/24/2016. Performed rup of for operational and leak checks found airworthy.

I certify that this Engine has been inspected in accordance with a 100 hr inspection and were determined to be Airworthy.

Auth Sign& Cert.

A&P 1759842 IA



N#: N695DS Model: IO-360-M1A Date: 12-13-2016 MFG: Lycoming S/N: L-33782-51E Tach: 1302.1

#### SeaHawk Aviation, Inc

Removed CH48110-1 and inspected, no defects noted, installed CH48110-1 and added 8 qts of Philips 66 20W50. Oil analysis-taken using AvLab. Engine run complied with no leaks noted.

Sign/Date:

3795511 AP

BLUE LINE		echnical Service ft Creek Rd.	s, LLC	(919)578-3	3728	
TECHNICAL SERVICES	Smithfield I	NC, 27577			Eng	gine
Make: Diamond	2	Model: DA-40			2/28	8/2017
Reg. No. N695DS	Model No.:	40.856				
IO-360-M1A			Hobbs:	1658.4	Tach:	1351.7
Work Performed: Oil c noted. Installed new fi 19-07 by inspection. G	ter AA48110-2	2 and serviced v	vith 7 qts	and inspect	ted oil filter C 20W50. C	. No metal /W AD 2015
Marvin Urbina A&P	3058704 IA	Mille	100/1	luga	2/28/	/2017
Name/ Certifica	ate No.	S	ignature	1217	D	ate

								-		PLETE
· C	APE	FEAR	9	10-367-33	344 wwv	v.CapeFe	arAirv	vorks.com		V
A I	R W	R K S	Date: 4/2	26/17	N695	DS	TT	S 1399.56 hr	s.	
20w-50 o general in	il. complienspection	ed, cut, inspected filter, ed with AD15-19-07 by of engine compartment d ground rup/leak check	inspection of t t, Installed mis	fuel injections in the second	on lines an	d clamps,	found	airworthy. Perfe	ormed	
Mechanic	D	1. // V	<del>P17</del> 59842							
		N#. COEDS (Engine)								1
4	histop loc	N#: 695DS (Engine) Date: 5-10-2017 Tach: 1399.8								
Searrowk		malfunction: Replaced	with new start	er PN 149	-24LS SN:	H-R0409	28. Op	erational check	out good	
All r	no defect	ts noted se was complied with the								
Sign/Da	1	1205	# # Avg 1 / 1 m2		795511AP		en concerna	And the same of the same		
	1									
									1	
	M.	SeaHawk Aviation	, Inc		N: 6950			odel: DA 40		
	1	1501 John Morris Road Wilmington, NC 28405 (910) 859-8877			Date: 8/21, WO: 1217			S/N: 40.865 ach: 1502.8		
		ected with no discrepar No Leaks. Complied with			ction of fue	l injection	lines a		nd	
	Signatu	ire:			Cert:	379551	1AP			
- /	M	SeaHawk Avia		N:	695DS	M	odel:	DA40-180	1	
	The same of	https://seahawkaviati	ion.com	Date:	10/6/17		S/N:	40.865	1.1	
	r,	24 (510) 655 6677		WO:	1241	W T	seddi	1553.2	HOBO	35 Anjau
	Engine IO	-360-M1A SN: I.	-33782-51E	Total Eng t	ime – 1553.	3.77	0 - 155	3.2	+8	D.7 QXX
	Performed	d 100HR/Annual Inspecti	on IAW Beech	Checklist ar	nd FAR Part	43 Append	dix D, s	cope and detail.	MA	INT
	See AD re	port for information on A	Airworthiness [	Directives.	M		42 4			INED
		Performed 100HR/Annua and detail. See AD report					43 App	enaix D, scope		
		Compressions 1/76, 2/78					3			3ATTERY
		Replaced Cylinder #3 wit	th serviceable u	init from tr	iad. No Ads	apply to c		at this time		
		Complied with Magneto	THE RESERVE THE PROPERTY OF THE PARTY OF THE		California and a series of the second states		alr wor	hinoss		W. B.
		Complied with power flo inspection checklist	w exhaust insp	ection and	lube IAW C	ontinued	air wor	unitess	12	
	I cert	tify this Engine has been					nd was	found to be in		
THIS	an A	IRWORTHY condition at	this time and i	s approved	to return t	o service.		***********	-	100
TAL FR	1	11/								
DUS SUM	Signati	ure: /4/2		-	Cert:	379551	1AP			
TOTAL		1/2	7						130	
THE PARTY OF THE P		/ / N	1 .			S CONTRACTOR OF THE SECOND	20974			

MAINTENANCE RECORD REPAIRS, ADJUSTMENTS, MODIFICATIONS LICENCE SIGNATURE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS. NUMBER SeaHawk Aviation, Inc. N: 695DS Model: **DA 40** https://seahawkaviation.com 12.27.17 40-865 S/N: Date: (910) 859-8877 WO: 1313 Tach: 1601.4 Oil Change Service: Removed and Installed Champion Oil Filter, P/N CH48110-1. Cut open filter and inspected with no discrepancies found. Serviced engine with 7 Qts each of Aeroshell 15W-50. Tested. No Leaks. Complied with AD 2015-19-07 checked ok. Inspect again within Cert: 3859090AP Signature: DA40-180 695DS Model: SeaHawk Aviation, Inc. https://seahawkaviation.com 2/13/2018 S/N: 40.865 Date: (910) 859-8877 1345 TACH: 1647.3 WO: Engine IO-360-M1A SN: L-33782-51E Total Eng time - 1647.3 Oil Change Service: Removed and Installed Champion Oil Filters, P/N CH48110.-1. Cut open filter and inspected with no discrepancies found. Serviced engine with 7 Qtrs. each of Phillips 20W-50, Tested. No Leaks. AD 2015-19-07 CW by inspection next due at TACH 1747.3 Replaced EGT probe on #2 exhaust. Cert: 3795511AP/IA Signature: 695DS N: Model: **DA-40** SeaHawk Aviation, Inc. 04/16/18 https://seahawkaviation.com Date: S/N: 40.865 (910) 859-8877 WO: 1390 Tach: 1700.0 Oil Change Service: Removed and Installed Champion Oil Filters, P/N CH-48110-1. Cut open filter and inspected with no discrepancies found. Serviced engine with 7 Qts each of Phillips 20w-50. Tested. No-I Signature: Cert: 3859090-AP

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Date: 5/24/18

N695DS

Hobbs1747.1 hrs.

Drained oil, removed, cut, inspected filter, no defects noted. Installed new CH48110-1 filter and 8 quarts of Phillips XC 20w-50 oil. Sergiced tire pressures. Performed ground run/leak check, found airworthy.

A&P1759842

BRUNSWICK COUNTY

#### AIR WILMINGTON

Date: 8/07/2018; Aircraft: N695DS; Type: DA 40; S/N: 40.865; Hobbs: 2307.6; Total Time:; Engine - Type: , S/N:, Time:; Prop - Type: , S/N:, Time:

Shop Order #: NRS-15742

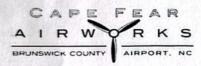
- 1- Performed engine oil and filter change. Ran engine, drained oil and removed filter. Cut open filter, spread filter media out, visually inspected and ran a magnet over the media. No metal particles found. Installed new filter p/n CH48110-1. Lubricated gasket with DC-4, torqued to 17 ft. lbs and safetied. Serviced engine with 8 quarts of Phillips 20W50 oil. Performed Ground run: Operational and leak checked completed satisfactorily. Verified oil quantity after run.
- 2- Complied with AD 2015-19-07. Next due in 100 hours.
- 3- Inspected exhaust system and lower cowling.

With respect to the work performed the engine is approved for return to service. Pertinent details are on file under the work order stated above. Dated: 8/7/2018

Name:James Buchanan Signature:

Cert# A&P 3694884

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502



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N695DS	Eng Model	IO-360-M1A	Eng S/N	L-33782-51E	Annual due	Nov-19
Date			8-Nov-16		rring AD's	Due
Current Tac	h:		1825.8	AD15	-19-07 fuel injection line insp	1935.8
Total Eng T	ime: actimated		1825 B			

Inspected engine IAW DA40 MM section 5-28-50. AD15-19-07 fuel injection line inspection, found airworthy. AD17-16-11 rod bushing N/A due to engine S/N not listed in MSG632B table 1 and no parts listed in table 2 have been changed. Drained oil. Removed filter, cut open and inspected for contamination none found. Inspected inlet screen no findings. Installed new CH48110-1 filter and added 8 qts of Phillips XC 20W50 oil. Checked compression (#1-76/80. 2-78/80, 3-78/80, 4-63/80). Due to 15 PSI spread in compressions and aural bypass noted by exhaust valve, inspected #4 exhaust valve IAW Lycoming SB388C no findings, borescoped cylinder with no findings on valve or seat, requires recheck at 10 hours of flying time. Adjusted mag timing IAW data plate. Serviced induction element IAW JR Filter instructions. #1 cylinder IB exhaust stud came out with nut removal, Installed new standard size stud P/N 31C-12. Engine AD list updated 11/1/2018. Performed run-up for operational and leak checks, adjusted idle & mixture, found airworthy.

I certify that this Engine has been inspected in accordance with a 100 hr inspection and were determined to be Airworthy.

Auth Sign& Cert. Kickend A

\_A&P1759842IA

(	19	AF	E	F	E	A F	₹
A	1	R	W	P	R	K	s
BRUN	ISW	ICK C	OUNTY	7	IRP	ORT.	NC

910-367-3344 www.CapeFearAirworks.com

Mat 1841.6

Date: 12/3/18

N695DS

Tach: 2363.6 hrs.

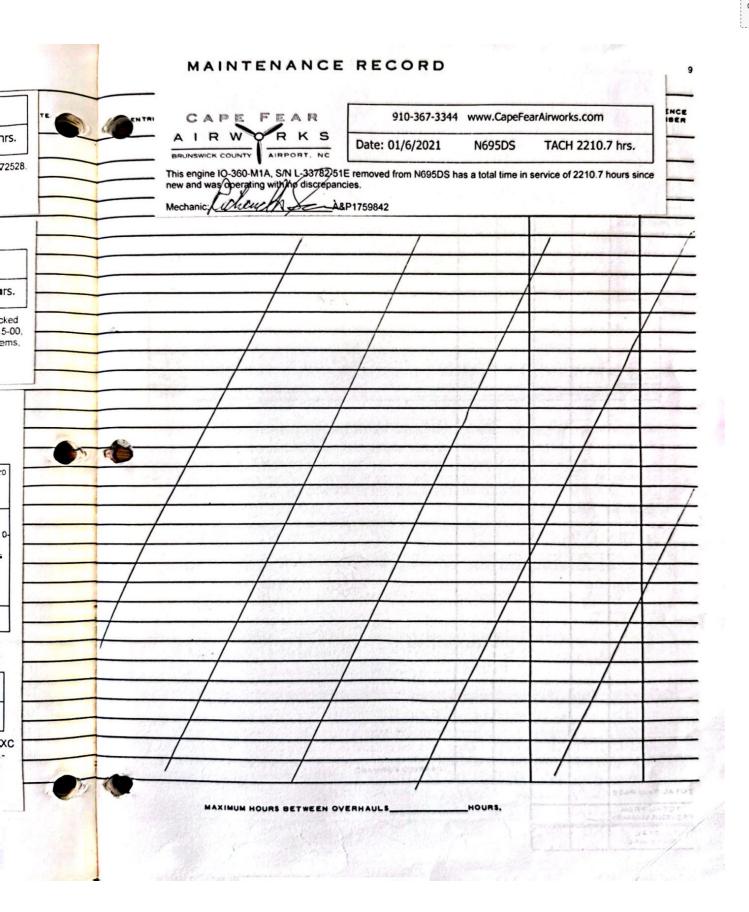
#4 cylinder failed recheck for compression, Installed IAW Lycoming Overhaul manual, serviceable, repaired Lycoming cylinder P/N LW 12472. Cylinder, piston, rings and attaching parts & seals provided by Triad Aviation under WO 24498. Serviced engine with 8 quarts of Phillips 20W50 M mineral oil. Performed run-up for leak and operational checks. Performed dynamic balance of propeller engine mass, using Dyna-Vibe equipment, by installing standard AN bolts, nuts & washers on the flywheel, initial run .7 IPS, final resolution.07 IPS. Aircraft is airworthy.

Mechanic: Aller A&P1759842

TOTAL SINCE MFG. 

	910-367-3344 v	ww.CapeFear	Airworks.com
BRUNSWICK COUNTY AIRPORT, NC	Date: 01/25/2019	N695DS	TACH 1876.8 hrs.
Drained oil, removed, cut, inspected filter, 20w-50 oil. Performed ground run/leak che Mechanic:	no defects noted. Installed neveck, found airworthy.	v CH48110-1 filt	er and 8 quarts of Phillips X
AIR WI	LMINGTON		
Date: 2/08/2019; Aircraft: N695DS; Ty S/N:, Time:; Prop - Type: , S/N:, Time		bbs: 2427.2; T	ctal Time:; Engine - Type
Shop Order #: NRS-16140			
Replaced starter P/N149-24LS S/N H-I Performed ops check/ ground run, no of With respect to the work performed the on file under the work order stated about Name: Zachery T. Lopez Signature: Air Wilmington P.O. Box 1930, Wilming	defects noted. Ref ; Diamon e powerplant is approved for ve Dated:2/08/2019. Cert# A8	d MM DA-40 8 return to servi	0-00-00.
Air vviimington P.O. Box 1930, vviiming	gion, NC 28402 Phone: 9	10-763-2502	
CAPE FEAR	910-367-3344	www.CapeFea	rAirworks.com
AIRWORKS	Date: 3/29/19 N	695DS	Hobbs 1923.9
BRUNSWICK COUNTY AIRPORT, NC			The state of the second state of
Drained oil, removed, cut, inspected filter 20w-50 oil. Inspected fuel injection system 72/80, #3-79/80, #4-77/80. Cleaned & che Performed ground run/leak check, found	m IAW AD15-19-07, found aim ecked spark plug gap. Perform	orthy. Checked	compressions #1-70/80, #2
Drained oil, removed, cut, inspected filter 20w-50 oil. Inspected fuel injection system 72/80, #3-79/80, #4-77/80. Cleaned & che Performed ground run/leak check, found Mechanic A. P. E. F. E. A. R.	m IAW AD15-19-07, found airw ecked spark plug gap. Perform airworthy.	orthy. Checked led general visua	compressions #1-70/80, #2
Drained oil, removed, cut, inspected filter 20w-50 oil. Inspected fuel injection system 72/80, #3-79/80, #4-77/80. Cleaned & che Performed ground run/leak check, found Mechanic Court A.	m IAW AD15-19-07, found airwecked spark plug gap. Performairworthy.  &P1759842	orthy. Checked led general visua	compressions #1-70/80, #2 al inspection of engine.

	FEAR	910-367-3344 www.CapeFearAirworks.com
A I R W		Date: 10/28/2019 N695DS TACH 2025.1 hrs.
Starter failed, Ren Performed ops ch Mechanic:	eck, found airworthy.	n H-S091089 and installed new starter model 149-24LS s/n H-T07252
CAPE	FEAR	910-367-3344 www.CapeFearAirworks.com
A I R W		Date: -08/07/2019 N695DS TACH 2034.0 hrs.
Mechanic Mechanic	R K S	910-367-3344
BRUNSWICK COUNTY	AIRPORT, NC	www.CapeFearAirworks.com
695DS Eng Mode ite irrent Tach:	el IO-360-M1A Eng : 12-Dec-19 2043.3	S/N L-33782-51E Annual due 31-Dec-20 Recurring AD's Due AD15-19-07 fuel injection line insp 2153.3
ushing N/A due to engine emoved filter, cut open filter and added 8 qts of	A40 MM section 5-28-50. AD1 ne S/N not listed in MSG632B and inspected for contaminati of Phillips XC 20W50 oil. Check R Filter instructions. Tightened manual, no findings, reset star	15-19-07 fuel injection line inspection, found airworthy. AD17-16-11 rod 3 table 1 and no parts listed in table 2 have been changed. Drained oil. Ition none found. Inspected inlet screen no findings. Installed new CH48110-cked compression (#1-77/80. 2-76/80, 3-76/80, 4-76/80). Serviced ded & re-safetied dipstick housing. Performed magneto 500 hour inspections
W 4300/6300 MM/OH W data plate. Installed structions, See 337 in ixture, found airworthy.	Tanis pre-heat system P/N TS engine/aircraft records for deta	art points, internal timed, reinstalled with new gaskets & timed to engine TSO4CYL-2925-115, S/N 54747 IAW STC SE3232CH installation tails. Performed run-up for operational and leak checks, adjusted idle & na 100 hr inspection and were determined to be Airworthy.
W 4300/6300 MM/OH W data plate. Installed structions, See 337 in exture, found airworthy. ertify that this Engine has a	Tanis pre-heat system P/N TS engine/aircraft records for deta	TSO4CYL-2925-115, S/N 54747 IAW STC SE3232CH installation tails. Performed run-up for operational and leak checks, adjusted idle &
W 4300/6300 MM/OH W data plate. Installed structions, See 337 in exture, found airworthy. ertify that this Engine has,	Tanis pre-heat system P/N TS engine/aircraft records for deta	TSO4CYL-2925-115, S/N 54747 IAW STC SE3232CH installation tails. Performed run-up for operational and leak checks, adjusted idle & na 100 hr inspection and were determined to be Airworthy.
W 4300/6300 MM/OH W data plate. Installed structions, See 337 in exixture, found airworthy. Sertify that this Engine has uth Sign& Cert.	Tanis pre-heat system P/N Tsengine/aircraft records for deta	TSO4CYL-2925-115, S/N 54747 IAW STC SE3232CH installation tails. Performed run-up for operational and leak checks, adjusted idle & na 100 hr inspection and were determined to be Airworthy.
W 4300/6300 MM/OH W data plate. Installed structions, See 337 in cixture, found airworthy. ertify that this Engine has uth Sign& Cert. W IRUNSWICK COUNTY ained oil, removed, cow-50 oil. Inspected for 180, #3-77/80, #4-77	Tanis pre-heat system P/N Tsengine/aircraft records for deta  beef inspected in accordance with a  BRKS  AIRPORT. NC  Cut, inspected filter, no defeuel injection system IAW A  //80. Cleaned & checked sp	rsO4CYL-2925-115, S/N 54747 IAW STC SE3232CH installation tails. Performed run-up for operational and leak checks, adjusted idle & na 100 hr inspection and were determined to be Airworthy.



	2 18A26093 4 18D26098	BEARING BEARING	AMOUNT	Triad Aviation, Inc.	(910)-398-7778 EMAIL zachary.pieché	WORK ORDER NO. 26117	COMPLET
	18M26103	REARING		3439 South Aviation Drive Burlington, NC 27215	MAKE LYCOMING	DATE 1/7/2021	
1	3 75060 LW12186	NUT		Telephone (336) 227-1467	MODEL.	WRITTEN BY	
ROUGHT -	STD2246 565B1032HS	SET SCREW		AME LILLY HENRY HOLDINGS LLC	REGISTRATION NO.	P.O. NO.	
אאאוט	1 61084 1 LW-15473	SPRING FUEL PUMP		WILMINGTON, NC 28405	SERIAL NO.	TOTAL TIME	-
	4 LW13790	SHAFT			L-33782-51E	2210.7	
	8 74637 8 LW-12892	BUSHING	-	INSTRUCTIONS/WORL	the state of the s	Succession diese	-
	8 STD-1821 B LW-16266-18	HOSE		Overhaul Lycoming 10-360-MIA Engine S/N L-3 Overhauled and test ran.	13782-51E.		1000
THE RESERVE	J LW-16266-18	75 CLAMP		Comshaft - P/N 15M23455 - Repaired by ACS (WC	DI 264231)		- Company
	3 STD-2231	RING NUT		Cylinders - P/N 05K21104 - New from Lycoming (	Lot# MS-544161)		1000
	1 75439-1 30-8	GASKET SET	100	Magnetos - P/N 4370 S/N 21021200 & 4347 S/N 20 Servo - P/N 2576568-1 S/N 720HMM01 - Overhaul	ed by PAM (WO) INTRAS		7 to 100
	1  68761	TUBE ASSY		Flow Divider - P/N 2576564-1 S/N A0950710 - Ov	erhauled by PAM (WO# IOGVF)		
	3 LW-25-8-94 4 LW-25-1-25	BOLT		Nozzles - P/N (4) 25248464-2 - Overhauled by PAM			-
	M4004	HARNESS		CW 96-09-10 C dated 07/15/1996 To prevent all pa SB 524 Installed gears P/N LW-18109 & LW-18110	mp failure due to impeller failure CW per CW 96-23-83 dated 12/17/1996 To		
	B UKEMINES	SPARK PLUGS		prevent an inflight engine failure due to fuel starva	tion CW Installed new fuel pump P/N LW-		-
Committee of the Parket				15473 S/N 0121L0044 CW 2004-10-14 C To preve gear retaining bolt CW per SB 475C CW 2015-02-			1 1 1 1 1 1 1
				propeller governor shaft set screw from coming loo			
1				dated 11/03/2015 To prevent failure of the fuel inje	ctor fuel lines CW per SB 342G		
3 11000 1							
STATE STATE OF				This engine and/or component is approved		-H	100
	UT 1 0			details on file this repair station. TRIAD AVI STATION # PP/AR448M.	ATION, INC. FAA REPAIR		
Friday St		Tot		Signed Offhrem ay Kelly	Date: 03/01/2021		
A STATE OF	MISCI	LLANEOUS PARTS	au .	I hareby authorize the belowing work to be done along with the	ENGINE OVERHAUL		1
				permission to operate and fly the atrout herein described for the	TOTAL PARTS		( ) F.
4300		Many Pro		hardy acknowledged on above aircraft to secure the amount of repairs thereby	MISCELLANEOUS PARTS		-
		0.90		You will not be held responsible for loss or damage to the aircraft or articles self in the aircraft in case of fire, that, or any other cause	ENGENE TRANSPORTATION		4.00
Service and the service of the				X	TAX	EXEMPT	
					TOTAL		

complied with at the time of overhaul. Pertinent details of this work are on file at this repair station DATE 03/01/2021 under work order # 26117

MAKE LYCOMING

MODEL IO-360-M1A

S/N L-33782-51E

ENGINE TOTAL TIME 2210.7

TSMOH 0.0

TBO 2000

prouve leste

TRIAD AVIATION Triad Aviation, Inc. **Burlington Municipal Airport** 3439 South Aviation Drive Burlington, NC 27215 336-227-1467

Authorized Signature 03/01/2021

Date

Test Ran Lycoming IO-360-M1A Engine Serial Number L-33782-51E for 2 hours 15 minutes, RPM 2700, oil pressure 80 lbs, oil temperature 191 degrees, CHT 326. Magneto check at 2100 RPM, L 125 RPM, R 125 RPM. Compression test cylinder #1 79/80 #2 78/80 #3 80/80 #4 78/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. WO# 26117 home or flesher Date: 03/01/2021 Signed: 12

	and the same of	
TOTAL SINCE MFG.	Section 1	e ph







#### 910-367-3344 www.CapeFearAirworks.com

L-33782-51E N695DS Eng Model 10-360-M1A Eng S/N Annual due 3/31/2022 3/17/2021 Recurring AD's Due Date AD15-19-07 fuel injection line insp Current Tach: 2210.7 2320.7 **Total Eng Time:** 2210.7 Engine TSO: 0.0

R&R engine IAW Diamond DA40-180 MM procedures, for overhaul by Triad Aviation under WO#26117. Inspected engine IAW DA40 MM section 5-28-50. AD15-19-07 fuel injection line inspection, found airworthy. Test cell compression (#1-79/80. 2-78/80, 3-80/80, 4-78/80). Installed new CH48110-1 filter & serviced with 8 qt Phillips 20W50M oil. Performed run-up for operational and leak checks, adjusted idle & mixture, found airworthy.

I certify that this Engine has ted in accordance with a 100 hr/annual inspection and were determined to be Airworthy.

Auth Sign& Cert

A&P1759842IA

BLUE LINE TECHNICAL SERVICES	Blue Line Technical Servi 3149 B Swift Creek		Engin	e
919-578-3728	Smithfield NC, 275	77		
Make: Diamond	Model: DA40	Serial No: 40.865	Tach:	2272.9
Reg. No: N695DS	Eng Model: Lycoming IO-360-M1A	Eng Serial: L-33782-51E	Total Time:	2272.9
WORK PERFORMED:	SMOH 62.2	Hobbs: 2942.3	ETT:	2272.9

Performed prebuy inspection using checklist provided by Lifestyle Aviation. Performed compression test, results were as followed: #1 - 75, #2 - 72, #3 - 74, #4 - 71, all above 80 psi. Performed 50 hour oil change. Drained engine oil, serviced with 7qts Phillips 20W50XC. Replaced oil filter (P/N: AA48110-2). C/W AD15-19-07, good at this time, next due at 2382.9TT. Resafetied oil filler neck. Tightened #2 EGT probe. Ground run and leak check good.

Rachel Weiandt A&P 3889290 5/12/2021 Wenn Name/ Certificate No. Signature Date

R AIRPORT. NO BRUNSWICK COUNTY

910-367-3344 www.CapeFearAirworks.com

Tach: 2333.0 Date: 7/9/2021 N695DS

Drained oil, removed, cut, inspected filter, no defects noted. Installed new CH48110-1 filter and 8 quarts of Phillips 20w-50XC oil. Inspected fuel injection system IAW AD15-19-07, found airworthy. Checked compressions, found within limits. Cleaned plugs & checked gap. Adjusted mag to engine timing both mags, to data plate spec. Repositioned prop governor control cable to allow full travel for max RPM. Performed general visual inspection of engine. Performed ground run/leak check, reset de/mixture IAW MM, found airworthy.

&P1759842

MAXIMUM HOURS BETWEEN OVERHAULS

TECHNICAL SERVICES 919-578-3728	Blue Line Technical Servi 3149 B Swift Creek Smithfield NC, 275	Rd.	INSTALL ATION	Engir	16	PLETE
Make: Diamond	Model: DA40	Serial No:	40.865	Tach:	2404.2	
Reg. No: N695DS	Eng Model: Lycoming IO-360-M1A	Eng Serial:	L-33782-51E	Total Time:	2404.2	
WORK PERFORMED:	SMOH 193.5	Hobbs:	3121.1	ETT:	2404.2	1997
	placed fitler with new (P/N: AA44 spected, and reinstalled sparkplet t 2514.2TT.					
Rachel Weiandt A&F	3889290 Raylul	Wais	welt	10/6/20	021	
Name/ Certificat		Signature		Date		-
terror of the second				756/ 500 600		1
	AIR WILMING rcraft: N695DS; Type: DA 40; ;;, Time:; Prop - Type: , S/N:, Ti	S/N: 40.865;	Hobbs: 3188.4;		Cycles:;	
Shop Order #: NRS-	18385					
Recovered oil samp						
Performed engine of	il and filter change. Ran engine	, drained oil	and removed filte	er. Cut open filter,	spread	
	ually inspected and ran magnet raft MM 72-01-00 Page:201-20					
AA48110-2. Torque	d to 17 ft. lbs and safetied. Sen	viced engine	with 8 quarts of I	Phillips 66 SAE 2	0W-50 oil	
I/AW Diamond Airc	raft Flight Mannual Chapter: 2	Page: 6. Per	formed Ground ru	un: Operational a	nd leak	
checked completed	satisfactorily. Verified oil quan	tity after run.		to de the comment of the second of the second	-	
. With respect to the under the work orde	work performed the engine is a	pproved for i	return to service.	Pertinent details	are on file	
Name: Steven Dea	k Signature. WWW dbl	Cert#	A&P: 4502744			
Air Wilmington P.O.	Box 1930, Wilmington, NC 28	402 Phone	: 910-763-2502			100
	AIR WILM	INGTON				
Date: 2/21/20 Engine - Type	022; Aircraft: N695DS; Type: De: , S/N:, Time: 3261.5; Prop -	A 40; S/N: 4	0.865; Hobbs: 32 Jime:		:; LG Cycle	es:;
Derformed en	gine oil and filter change. Insta	lled new filts	TACHTIME:	Soniood one	o with 0	XIA B
of X/C 20W 50	oil. Operational and leak che 00-00 paragraph 2, and 79-00-	eck good. Ve	erified oil quantity	after run. IAW D	Diamond D	A 40
2015. Inspecte	-19-07 Lycoming externally mo ed the fuel injector fuel lines an ycoming Engines MSB No.342	d clamps be	tween the fuel m	anifold and the fu	uel injector	
hours or any till Hobbs time.	me fuel lines or clamp have be	en disconne	cted, moved, or	loosened. Next d	lue at 3,361	1.5
	hr drain inspection IAW Diam	ond DA 40 I	NG AMM section	05-25-00. No de	fects noted	
TAL file under the w	o the work performed the Aircra work order NRS-18570	aft is approve	ed for return to se	ervice. Pertinent	details are	on D
An experience Apparature control	Pups Signature: //www.	flyn (	Cert# A&P 39866	43		
SINC Air Wilmington	P.O. Box 1930, Wilmington, N	IC 28402 F	Phone: 910-763-2	2502		



1817 Aviation Dr. Wilmington, NC 28405 United States

Telephone: 910-763-0146
Email: IUMX@modern-avaition.com

NUMBER

EN

Manufacturer: Lycoming Div Avco Corp Textron

art/Model number: IO-360-M1A Work Order No: NCRS-13400 TSN/TSO: 2,532.20 / 321.50 Serial Number: L-33782-S1E

Date: 04/29/2022

Performed Annual Inspection IAW CFR14.43 Appendix D and Diamond Annual Inspection checklist found In DA-40 AMM 28-20-00 and Lycoming IO-360-M1A EMM. Took Oil Sample IAW Lycoming IO-360-M1A EMM and processed and shipped sample IAW GA-001 AvLab instructions. Performed engine oil and filter change. Ran engine, drained oil and removed filter. Cut open filter, spread filter media out, visually inspected and ran a magnet over the media. No metal particles found. Installed new filter p/n CH-48110-1. Lubricated gasket with DC-4, torqued to 17 ft. Ibs and safetied. Serviced engine with 8 quarts of X/C 20W-50 oil. Performed check of Mag timing found within limits. Performed Compression Check with the following results: #1- 73/80, #2-40/80, #3- 75/80, and #4- 62/80. #2 Cylinder P/N 30080-01 S/N TA27243 removed and sent to Triad Aviation, Inc. RS#PP4R448M W.O. 27243 for repair. Received and installed #2 Cylinder P/N 30080-01 S/N TA27243 IAW Lycoming IO-360-M1A EMM. Performed Post Inspection engine runs and leak checked cylinder no defects noted. Performed compression check with 75/80 psi. Inspected after check flight, no defects noted.

AD's complied with to date. Reference AD report. AD 2015-19-07 C/W by inspection of fuel injection lines, next due at Tach: 2632.2.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-13400 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order.

Signed (Signature of Authorized Representative)

A& P# 37/8200 IA

Date 4/29/20

Tall # N695DS



for Modern Aviation

1817 Aviation Dr. Wilmington, NC 28405 United States Telephone: 910-763-0146
Email: ILMMX@modern-avaition.com

**Total AC Cycles:** 

Registration #: N695DS

Manufacturer: DIAMOND AIRCRAFT IND INC

Part/Model number: DA40 Work Order No: NCRS-13769 Aircraft Serial Number: 40.865

Total AC Time: 3,376.3

Date: 08/15/2022

Squawk

1.1

Oil change due. Drained oil and removed filter. Installed new filter p/n CH48-110-1. Serviced engine with 8 quarts of Phillips X/C 20W-50 oil. Performed Ground run: Verified oil quantity after run IAW DA40 M.M. 79-02-00. OPs and Leak Check Good.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-13769 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order.

Signed Wattonie (Signature of Authorized Representative)

A& P# 3551952

Date 8-15-22



for Modern Aviation

1817 Aviation Dr. Wilmington, NC 28405 United States Telephone: 910-763-0146 Email: ILMMX@modern-avaition.com

Registration #: N695DS

Manufacturer: DIAMOND AIRCRAFT IND INC

Total AC Time: 2,630.6

Total AC Cycles:

Part/Model number: DA40 Work Order No: NCRS-13854 Aircraft Serial Number: 40.865

Hobbs time 2429.

Squawk

1.1

REPLACED ENGINE OIL AND OIL FILTER ELEMENT IAW DIAMOND DA40 M.M. SECTION - 79 - 00, AND LYCOMING 10 - 360 - M1A ENGINE M.M. SECTION - 79. CUT OPEN AND INSPECTED FILTER ELEMENT, NO METAL CONTAMINATES FOUND. OPS/LEAK CHECK GOOD. NO LEAKS NOTED AT THIS TIME.

Date: 09/15/2022

1.2

C/W DIAMOND 100HR DRAIN HOLE INSPECTION IAW DIAMOND DA40 AMM 05-25-00. NO DEFECTS NOTED AT THIS TIME.

1.3

COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES AND CLAMPS INSPECTION BY PERFORMING VISUAL INSPECTION IAW LYCOMING SERVICE BULLETIN 342G. NO DEFECTS NOTED AT THIS TIME.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-13854 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order.

Signed // Luaffer (Signature of Authorized Representative) for Modern Aviation A& P# 355/952

Date 9-15-22

MAXIMUM HOURS BETWEEN OVERHAULS

HOURS.

Part/Model n		11.11.1.2			Auto	-
Part/Model n	ntion #: N695DS ncturer: DIAMOND AIRCRA	FT IND INC	Total AC Time:	2,6/6.1 Total AC	Cycles:	
	iumber: DA40		Serial Number:			
	der No: NCRS-13929	-	Date:	10/12/2022	Commence of the Commence of th	111
Squawk	CICTOMED DECLIF	TT FOUR ON CHANCE !	DEDECORATE EN	CINE DUN AND DOAINED OLD O	II AND REMOVED	D.Y
1.3	OLD OIL FILTER, FI	LLED ENGINE WITH AER	ROSHELL 15W-50	GINE RUN, AND DRAINED OLD O O OIL, AND INSTALLED NEW OIL IL WORK WAS DONE I/A/W DIAM	FILTER P/N: CH48110-1.	
1.4	CHORD SHOWING C 8284S00105. REASS WHEEL HALVES TO	ON TIRE, DISSASEMBLED EMBLED WHEEL HALVES 1501N/LBS AND INFLATE	WHEEL ASSEM AND INSTALED D TIRE TO 41PS	ATED ON RIM IF OK. FOUND SMA BLY AND REMOVED OLD TIRE P/I D NEW TIRE P/N: 156E66-4 S/N: 2 SI. OPERATIONAL AND LEAK CHE ND DA-40 AMM 32-40-00	N: 072-449-0 S/N: 20780007. TORQUED	
Regul	ircraft, airframe, appliar lations of the Federal itions as described in th	nce, or article identified in Aviation Administration	Work Order NO	RS-13929 was repaired and inspend by with respect to the mainter	ected in accordance with the current nance, preventive maintenance, or n file at this repair station under the	
Signe	Work Order.	W resentative)		A& P#1502744	Date 0/19/28	
IOI	odern Aviation	ш				-
M	MODERN	1817 Aviation Di Wilmington, NC United States		Telephone: 910-763-0146 Email: ILMMX@modern-av		
Regis	tration #: N695DS	Jan	Total AC Time	: 2,696.6 Total	AC Cycles:	
Part of the Part o	ufacturer: DIAMOND AIRC	RAFT IND INC	Hour Meter			
Part/Mode	el number: DA40	Aircra	ft Serial Number	r: 40.865		-
Work	Order No: NCRS-13977		Date	: 10/28/2022		
1.3	CONFIGURATION GASCOLATOR AN AIRCRAFT. TESTE GREEN ARC. REM	S AND FOUND FUEL PRES D FUEL FILTER WITH NO D ELECTRIC FUEL PUMP OVED OLD FUEL PUMP. P	SSURE TO BE WI DEFECTS FOUN AND FOUND TH P/N: 5100-00-9C	OMED ENGINE RUN AND TEST VA ITHIN SPECIFICATIONS. REMOVE ID, THEN REASSEMBLED AND RES IE FUEL PRESSURE TO BE INSUFI D; S/N: 4108. THEN INSTALLED N	D AND CLEANED SAFTIED ONTO CIENT AND NOT IN EW FUEL PUMP P/N:	
	I/A/W DIAMOND	DA-40 AMM 28-20-00 iance, or article identified	l in Work Order	orthy with respect to the main	spected in accordance with the current tenance, preventive maintenance, or	
The	detions of the Ender	JI AVIBUOTI AUTITITISU BUO	. Pertinent detai	ils of the maintenance actions are	on file at this repair station under the	
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~	MODERN	1817 Aviation Dr.		*dealer	ne: 910-763-0146		
	MODERN	Wilmington, NC 28- United States	405		LMMX@modern-avaition.	com	1
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	(Signature of Authorized Represent	tative)				7 1.2	-
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<b>&gt;</b>	MODERN	1817 Aviation Dr. Wilmington, NC 2840 United States	ا پیشامهٔ مازادهٔ و بعد	Email: ILM	e: 910-763-0146 MX@modern-avaition.co	him many with the street	
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Work Order No: NCRS 14129

1817 Aviation Dr. Wilmington, NC 28405 United States Telephone: 910-763-0146 Email: [LMMX@modern-avaition.com

Registration #: N69505

Manufacturer: DIAMOND AIRCRAFT IND INC

Total AC Cycles:

Part/Model number: DA40

Hour Meter: 3,590.00

Aircraft Serial Number: 40.865 Date: 12/28/2022

Squawk

1.2

ALTERNATOR INTERMITTENT. PERFORMED ENGINE RUN OF AIRCRAFT AND FOUND ALTERNATOR TO BE DROPPING OFFLINE AND INOP. REMOVED ALTERNATOR, REPLACED ALTERNATOR BRUSHES WITH NEW. REINSTALLED ALTERNATOR, PERFORMED OPERATIONAL CHECK OF ALTERNATOR, WITH NO DEFECTS FOUND. ALL WORK WAS DONE L'A/W DIAMOND DA-40 AMM 24-30-00.

Total AC Time: 2,736.8

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14129 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Werk Order

Signed (Signature of Authorized Represen (ative) AR P#4502744



for Modern Aviation

1817 Aviation Dr Wilmington, NC 28405 United States

Telephone: 910-763-0146 Email: ILMMX@modern-avaition.com

Total AC Cycles:

Registration #: N695DS

Manufacturer: DIAMOND AIRCRAFT IND INC

Total AC Time: 2,773.0 Hour Meter: 3.636.80 Aircraft Serial Number: 40.865

Part/Model number: DA40 Work Order No: NCRS-14199

Date: 01/11/2023

Squawk

1.2

PERFORMED ENGINE OIL AND FILTER CHANGE. DRAINED OIL, TOOK OIL SAMPLE AND REMOVED FILTER. INSPECTED WITH NO DEBRIS FOUND. INSTALLED NEW FILTER P/N AA48110-2. SERVICED ENGINE WITH 8 QUARTS OF PHILLIPS X/C 20W-50 OIL, PERFORMED GROUND RUN: PERFORMED GOOD OPS AND LEAK CHECK, VERIFIED OIL QUANTITY AFTER RUN.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14199 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work, Orde

(Signature of Authorized Representative) for Modern Aviation

A& P# 3986643

Date 11 Jan 23



1817 Aviation Dr. ngton, NC 28405 Telephone: 910-763-0146 Email: ILMMX@modern-aviation.com

Total AC Cycles:

Registration #: N695DS

Manufacturer: DIAMOND AIRCRAFT IND INC

Total AC Time: 2,823.2

Hour Meter: 3,705.60

Part/Model number: DA40

Aircraft Serial Number: 40.865

Work Order No: NCRS-14260

Date: 02/03/2023

Squawk

1.2

COMPLETED 50HR INSPECTION AND OIL CHANGE IAW AMM05-28-00. ADDED 8QTS PHILLIPS X/C 66 20W50 OIL

AND OIL FILTER P/N: AA48110-2. LEAK CHECK GOOD.

1.3

COMPLIED WITH AD 15-19-07. NO DEFECTS NOTED AT THIS TIME.

1.4

INSPECTED DRAIN HOLES IAW AMM 05-25. NO DEFECTS NOTED AT THIS TIME.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14260 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work-Order.

Signed (Signature of Authorize for Modern Aviation

A& P# 4457580

TOTAL THIS PAGE TOTAL FROM PREVIOUS SUMMARY TOTAL SINCE MFG.

CARRIED FORWARD

1817 Aviation Dr. Wilmington, NC 28405 Telephone: 910-763-0146 Email: ILMMX@modern-aviation.com

Penistration #: N695DS

Manufacturer: DIAMOND AIRCRAFT IND INC

(Signature of Authorized Representative)

Total AC Time: 2,871.0 Hour Meter: 3,772.60 Total AC Cycles:

Part/Model number: DA40

Aircraft Serial Number: 40.865

Work Order No: NCRS-14348 Date: 03/03/2023

ENCE MBER

Squawk

1.2

PERFORMED ENGINE OIL AND FILTER CHANGE. DRAINED OIL, TOOK OIL SAMPLE AND REMOVED FILTER. INSPECTED WITH NO DEBRIS FOUND. INSTALLED NEW FILTER P/N AA48110-2. SERVICED ENGINE WITH 8 QUARTS OF PHILLIPS X/C 20W-50 OIL PERFORMED GROUND RUN: PERFORMED GOOD OPS AND LEAK CHECK. VERIFIED OIL QUANTITY AFTER RUN. IAW IO-360-M1A MAINTENANCE MANUAL 72-50-08

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14348 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the

above Work Order. Signed,

for Modern Aviation

AR P# 3986643

Date 03Mar23

ODERN AVIATION

1817 Aviation Dr. Wilmington, NC 28405 United States

Telephone: 910-763-0146 Email: ILMMX@modern-aviation.com

Registration #: N695DS

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: N/A / N/A Serial Number: L-33782-51E

Part/Model number: 10-360-M1A Work Order No: NCRS-14455

Date: 04/05/2023 Hour Meter: 3,772.60

Squawk

2.1

PERFORMED OIL CHANGE IAW LYCOMING IO - 360 - M1A E.M.M. 72 - 50 - 08. OPS/LEAK CHECK GOOD.

COMPLIED WITH FUEL INJECTION LINE AD 2015-19-07. NO DEFECTS NOTED AT THIS TIME. 2.2

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14455 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order.

(Signature of Authorized Representative

A& P# 355/952

Date 04-05-2023

1817 Aviation Dr. ngton, NC 28405 United States

Telephone: 910-763-0146 Email: ILMMX@modern-aviation.com

Registration #: N695DS

TSN/TSO: N/A / N/A

CSN/CSO: N/A/N/A

CSN/CSO: N/A / N/A

Part/Model number:

for Modern Aviation

Manufacturer: Lycoming Div Avco Corp Textron

Serial Number: N/A

Work Order No: NCRS-14503

Date: 07/14/2023 Hour Meter: 2,952.20

Squawk

2.2

PERFORMED ANNUAL INSPECTION IAW DIAMOND DA40 AMM 5-28-00 TIME LIMITS AND MAINTENANCE CHECKS. COMPLIED WITH APPLICABLE AD'S, SEE INCLUDED AD REPORT

1) COMPRESSIONS 1) 77/80, 2) 77/80, 3) 68/80, 4) 61/80

2) REMOVED #2 CYLINDER FOR REPAIR, REFERANCE DON GEORGE #11689 REINSTALLED REPAIRED CYLINDER IAW LYCOMING OVERHAUL MANUAL

3) ADJUSTED ALTERNATOR DRIVE BELT TENSION, IAW DA40 SERIES AMM 24 - 30 - 00

REPLACED FILTER WITH NEW AIR FILTER P/N: FR-08504. PER DIAMOND DA40 AMM 71-60-00

5) REMOVED OIL PRESSURE HOUSING, REMOVED GASKET AND REPLACED WITH NEW P/N: 06E19769-1.25.

TORQUED AND SAFTIED OIL PRESSURE HOUSING PER LYCOMING EMM 10-360-M1A 72-60

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

The aircraft, airframe, appliance, or article identified in Work Order NCRS-14503 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order

Signed aum. Signed (Signature of Authorized Representative)

for Modern Aviation

MAXIMUM HOURS BETWEEN OVERHAULS

HOURS.

DATE	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	
	HRS.	MIN.	HRS.	MIN.	The same and an armin times as accounts for complete.	Q I
ROUGHT ORWARD		-				
7/2	1/2023		Dis	ns the	annual inspection on 7/14/2023 (NCRS-14503)	
1	1		1 ur	1		.,
			IV	Waine		
SALES Y		GREAT NO.	ton	Hre k	speak entry tagge bil was changed with ag	Val
		N Trica	DA P	hillip	& ZOW-56 X/C. AA48110-Z Sil Kilter inste	red.
		-	No	debris	poted in old filter. Oil sample taken.	-
			18	H	A:PIA 3537845	-
60.65				1/		-
0.00/11/1					No. 1 in the case of the contract of the contr	
N	Number					-
N	695DS		UULARRA			100
	ate /15/2023	301	<i>н/новв</i> ѕ <b>1.5</b>			
L	og Entry	.5 Com	nolied wi	th AD 20	015-19-07 fuel injection system inspection per	200
p	ar (e)(1)(ii	and Ly	coming	MSB342	2G, no defects noted, next due AFTT:	18 my
3	121.5. Ref	er to W	9 #G05	415 on f	file at Dillon's Aviation, Inc.	
	Villiam R. I		For [	Dillon's A	viation, Inc.	
A	P3579353	BIA				
	4 72 78					77
	N Number					1980
	N695DS		ACUMON	PC		100.00
	Date 8/25/202		ACH/HOB 040.2	E	SMOH 829.5	7737
	Log Entry Change	d engine	oil and	filter. Se	erviced with 7 qts of Phillips X/C 20W/50 oil and	-
	filter PN	AA4811	10-2. Gro	ound ran	, no leaks noted. Refer to WO #G05429 on file	
	at Dillon'	s Aviation	on, Inc.	-		The same of
-	Luke R.		For	Dillon's	Aviation, Inc.	200
	A447019	8				
<u> </u>						MONEY.
	N Number		1			
	N Number N695DS					
	Date 10/13/202		ACH/HOB. 168.5	BS		
	Log Entry					
					oil and filter. Serviced with 7 qts of Phillips X/C 0-2. Ground ran, no leaks noted. Retorqued oil	
	filler neck	and sa	afety wire	ed. Com	plied with 100 hour Power Flow Exhaust ICA,	
4	tightened	and sa	fety wor	m clamp	by visual inspection per par (e)(1)(ii) and	-
THE PASS					noted, next due AFTT: 3278.5. Refer to WO	
TAL DUS	#G05451					
TO'	William R	R. Renn	For	Dillon's	Aviation, Inc.	
CE M/G.	AP35793		4	7		
					Market and the second of the s	

S, INSPECTIONS,	ENTRIES. DRAW A DIA GONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	LICENCE
The second second	N Number	The state of the s
7/1/2 (1 V25 NC3)	N695DS	
7/14/2023 (NCRS-4503)	Date TACH/HOBBS	
was mitted inadvertently	12/1/2023 3289.0	
WAS STATE OF THE S	ESMOH: 1078.3 Changed engine oil and filter. Serviced with 7 qts of Phillips	Ford Long
was changed with lets	X/C 20W/50 oil and filter PN AA48110-2. Ground ran, no leaks noted. Complied	
18110-2 si liter noticed.	with 100 hour Power Flow Exhaust ICA by visual inspection, next due AFTT:	
01 - 6 1-100	3389 0. Complied with AD 2015-19-07 fuel injection system by visual inspection	E0064
di sample taken.	per par (e)(1)(ii) and Lycoming MSB342G, no defects noted, next due AFTT;	
7845	3399.0. Refer to WO #G05498 on file at Dillon's Aviation, Inc.	233
	William R. Renn For Dillon's Aviation, Inc.	3 (GP)
	AP3579353IA	E 10 7 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10
		Delta-121
	。	4000
	N Number	25 11
	N695DS	
ection per	Date TACH/HOBBS	E 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
T:	1/3/2024 3355.8	
	Log Entry	75328
	ESMOH: 1145.1 Changed engine oil and filter. Serviced with 7 qts of Phillips	
	X/C 20W/50 oil and filter PN AA48110-2. Ground ran, no leaks noted.	F SEE TO SE
	Performed Blackstone oil sample. Complied with 100 hour Power Flow Exhaust	
	ICA by visual inspection, next due AFTT: 3455.8. Replaced #1 intake gasket PN	
	71973. Complied with AD 2015-19-07 fuel injection system by visual inspection	
	per par (e)(1)(ii) and Lycoming MSB342G, no defects noted, next due AFTT:	
	3465.8. Refer to WO #G05523 on file at Dillon's Aviation, Inc.	
	- Without King	
	William R. Renn For Dillon's Aviation, Inc.  AP3579353IA	
100000000000000000000000000000000000000	AF3579353IA	
		and the same of th
750 oil and		A 15 To 1
429 on file	N Number	
Providence of the second of th	N695DS	RESIDENCE OF THE PERSON NAMED IN
Providence of the Control of the Con	Date TACH/HOBBS	ABOUT TO THE
	3/11/2024 3454.0	
	Log Entry	- TOTAL
Programme and the second	ESMOH: 1243.3 Changed engine oil and filter. Serviced with 7 qts of Phillips	
	X/C 20W/50 oil and filter PN AA48110-2. Ground ran, no leaks noted. Complied	
V	with 100 hour Power Flow Exhaust ICA by visual inspection, no defects noted,	
	visual inspection next due AFTT: 3554.0. Complied with AD 2015-19-07 fuel	
Medical Control of the Control of th	injection system by visual inspection per par (e)(1)(ii) and Lycoming MSB342G,	ALCOHOL: NO.
ESTABLISHED TO THE PARTY OF THE	no defects noted, next due AFTT: 3564.0. Refer to WO #G05578 on file at	
	Dillon's Aviation, Inc.	
b illies V/C	allhing Kenn	Designation of
hillips X/C	William R. Renn For Dillon's Aviation, Inc.	
orqued oil	AP3579353IA	
ust ICA,		
with AD		COLUMN TO THE REAL PROPERTY OF THE PARTY OF
and		BOAR SHIT LAYST
· to WO	MAXIMUM HOURS BETWEEN OVERHAULSHOURS.	-
		MENNY LANDY THE

MSB3420 on file at l on file at	-19-07 f G, no de Dillon's Dillor S ES 14 his engine Il air and f er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	ction system inspection per par (e)(1)(ii) oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4- cylinder PN LW12427 SN TA29182, see Triad	
AD 2015-MSB3420 on file at long file file file file file file file file	-19-07 f G, no de Dillon's Dillor S ES 14 his engine Il air and f er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
AD 2015-MSB3420 on file at long file file file file file file file file	-19-07 f G, no de Dillon's Dillor S ES 14 his engine Il air and f er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
AD 2015-MSB3420 on file at long file file file file file file file file	-19-07 f G, no de Dillon's Dillor S ES 14 his engine Il air and f er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
AD 2015-MSB3420 on file at long file file file file file file file file	-19-07 f G, no de Dillon's Dillor S ES 14 his engine Il air and f er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
MSB3420 on file at least on file at leas	Dillon's  Dillon's  Dillor  S ES  14  his engine Il air and fi er PN AAe rmed com repaired I 182, post	efects not available for the service of the service	oted, next due AFTT: 3657.6. Refer to n, Inc.  tion, Inc.  ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
Spection on the science of the scien	his engine Il air and f er PN AA- rmed com repaired I 182, post	SMOH 401.2 e in accord fuel filters. 48110-2. F npression Lycoming	ETT  3611.9  dance with FAR 43 appendix D. Cleaned and . Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
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spection on the spection on the spection on the spection on the spection of the spection of the spection of the spection of the specific of th	his engine Il air and fer PN AA- rmed com repaired L 182, post	e in accord fuel filters. 48110-2. F npression Lycoming	dance with FAR 43 appendix D. Cleaned and Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
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is cleaned all to oil and filte iming. Perfor cylinder with 18 & WO #291 of the Replaced	Il air and f er PN AA rmed com repaired L 182, post	fuel filters. 48110-2. F npression Lycoming	Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
is cleaned all to oil and filte iming. Perfor cylinder with 18 & WO #291 of the Replaced	Il air and f er PN AA rmed com repaired L 182, post	fuel filters. 48110-2. F npression Lycoming	Changed oil and filter. Serviced with 6 quarts Performed Blackstone oil sample. Checked check as follows: 1-74/80, 2-20/80, 3-75/80, 4-	
nual and sta ondition. Ref Fuel injection AFTT: 3721. beust ICA, no	endard pra fer to WO on system .9. next due 0	actice as li 0 #G05698 n by visual 08/2025 or	I inspection per par (e)(1)(ii) and Lycoming	
1 1	i i i i i i i i i i i i i i i i i i i	i -		TERRE
DERN	Wi	filmington, NC		
695DS AMOND AIRCRAF 140 CRS-16042	FT IND INC	Aircra		
			A Commission of Marie Commission of the Commissi	
GOOD AT THE	RETORQUE IS TIME.	ED ALL 4 NU	JTS TO 17FTS IAW DIAMOND D40 AMM 61-20. OPPS CHECK AND LEAK	
the Federal A	Aviation Ad	dministration	n and is airworthy with respect to the maintenance, preventive maintenance or	
thorized Repre	esentative)		A& P# 4918777 Date 9/11/24	-(
S S S S S S S S S S S S S S S S S S S	Fuel injection AFTT: 3721 Deput ICA, roor Dillon OF DILL	Fuel injection system AFTT: 3721.9. Deput ICA, next due 0 For Dillon's Aviation  DERN  18 TION  95DS  AMOND AIRCRAFT IND INC 40 RS 16042  SIVE OIL ON BELLY, DET IG OIL LEAK, RETORQUE GOOD AT THIS TIME. Fame, appliance, or article the Federal Aviation Accorded in the customer ter.	Fuel injection system by visual AFTT: 3721.9.  Deput ICA, next due 08/2025 of or Dillon's Aviation, Inc.  DERN 1817 Aviation, Inc.  1817 Aviation I Wilmington, No United States  95DS  AMOND AIRCRAFT IND INC.  40 Aircra  RS 16042  SIVE OIL ON BELLY, DETERMINE SO IG OIL LEAK. RETORQUED ALL 4 No GOOD AT THIS TIME.  Fame, appliance, or article identified the Federal Aviation Administration scribed in the customer work order.  Chonized Representative)	DERN 1817 Aviation Dr. Telephone: 910-505-9508 Witnington, NC 28405 Email: ILMMX@modern-aviation.com United States  Total AC Time: 4,780.1 Total AC Cycles: Hour Meter: 3,652.20  Aircraft Serial Number: 40.865  RS 16042 Date: 09/11/2024  SIVE OIL ON BELLY, DETERMINE SOURCE. FOUND PROP GOVERNOR MOUNTING HARDWARE WAS LOOSE IG OIL LEAK. RETORQUED ALL 4 NUTS TO 17FTS IAW DIAMOND D40 AMM 61-20. OPPS CHECK AND LEAK GOOD AT THIS TIME. Tame, appliance, or article identified in Work Order NCRS-16042 was repaired and inspected in accordance with the current the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or scribed in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the err.  A& P# 49877 Date 9/11/24

	SIGNATURE	NUMB
		PAS A
N Number		
N695DS  Date TACH/HOBBS		-
10/15/2024 3718.2		-
Log Entry Changed engine oil and filter. Serviced with 7 qts of Phillips X/C 20W/50 oil filter PN AA48110-2. Ground ran, no leaks noted. Complied with AD 2015-	19-07	
fuel injection system by inspection per par (e)(1)(ii) and Lycoming MSB342 defects noted, next due AFTT: 3828.2. Refer to WO #G05756 on file at Dill Aviation, Inc.	lon's	-
William R. New		-
William R. Renn For Dillon's Aviation, Inc. AP3579353IA		
		I ,
		-
N Number N695DS		-
Date TACH/HOBBS 12/12/2024 3808.0		1
Log Entry		
Changed engine oil and filter. Serviced with 7 qt of Phillips X/C 20W/		
filter PN AA48110-2. Replaced #2 cylinder oil return hose. Ground ra noted. Refer to WO #G05798 on file at Dillon's Aviation, Inc.	iii, iio leaks	
*C/W AD 2015-19-07 Fuel injection system by inspection per par (e)	(1)(ii) and	-
	, ,, ,	10.00
Lycoming MSB342G, no defects noted, next due AFTT: 3918.0.		
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect		
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.	s noted,	ļ
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	,
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	,
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	,
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
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*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.	s noted,	
*C/W Power Flow Exhaust ICA 100 hour visual inspection, no defect next due AFTT: 3908.0.  *AD 2024-21-02 Connecting rod assemblies does not apply due to e overhaul date of 03/01/2021.  William R. Renn For Dillon's Aviation, Inc.  AP3579353IA	s noted,	