AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG





ENGINE LOG

1. Make: TCM

2. Model: IO-240-B

3. Specification: E7SO

4. Manufacturer's Serial Number: 1006616

5. Date of Manufacture: May 2012

6. Aircraft Inspection Cycle:



-14				————				
national regulations by user/installer before size of	where the user/in. 1, it is essential the		It is important to u	Daniel L. Nicholas	17. Name (Typed or Printed)	14 Certifies the items ide X Approved of Non-approved 15. Authorized Signature	FAA/United States 4. Organization Name and Address Continents 6. Item 1 P. Descri 13. Kemarks: Export Airworthines: Total Time: 0 Preservation: This Elerial 1006616 EScria/Batch Number(s): Seria/Batch Number(s): Export Airworthines: DESCRIAMENTAL ENGINATION: The Elevation of t	1. Approving National Aviation Authority/Country:
ck 14 and 19 do not constitute in	staller performs work in accords at the user/installer ensures that	IO ADIENTA CAN HIS CAN HELD A	inderstand that the existence of	holas	Sanif & Nukola	X Approved design data and are in condition for safe operation Non-approved design data specified in Block 13. Authorized Signature:	Continental Motors, 2039 Broad Street, Mobile, Alabama 36615 7. Description: ENGINE - NEW ENGINE - NEW 10240B32 This Engine was treated 05/23/12 for one hundred eighty one ENGINE - NEW Description ENGINE - NEW	Il Aviation 4
	where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.	un document alone does not automatically constitute authority	User/	18. Date (m/d/y): May/24/2012	DMIR-511010-CE	4	Continental Motors, 2039 Broad Street, Mobile, Alabama 36615 1	AUTHORIZED RELEASE CERTIFI
	of an airworthiness autho	omatically constitute author	User/Installer Responsibilities	22. Name (Typed or Printed	20. Authorized Signature:	19. 14 CFR 43.9 re Certifies that unless otherwise accomplished in accordance was approved for return to service.	le, Alabama 36615 8. Part Number: 10240B32 9. Eligibility: * 1 N/A 1 the special requirements (if applicable) of the hundred eighty days corrosion protection.	LEASE CERT
	rity different than th	ority to install the pa	es	ninted):	lie:	14 CFR 43.9 return to Service unless otherwised specified in Blo in accordance with Title 14, Code return to service.	o. Quantity:	IFICATE
	e airworthiness authorit	to install the part/component/assembly.		23	2	Other regulation specified in Block 13 ck 13, the work identified in Block 12 and descripte of Federal Regulation s, part 43 and in respect to the second sec	Serial/Batch Number: See Block 1	
national regulations by user/installation to installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the	y of the country specified in Block I			23. Date (m/d/y):	21. Approval/Certificate No.:	Other regulation specified in Block 13 Certifies that unless otherwised specified in Block 13, the work identified in Block 12 and descripted in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the trans are approved for return to service.	204203 5. Work Order/Contract/Invoice Number: 282703 0000090836 12. Status/Work: 3 New MAY 3 0 2012 204203 MAY 3 0 2012 20432 8 2	3. Form Tracking Number:

1. Approving Civil Aviation 2.				3. Form Tracking Number:
FAA/United States A	AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	EASE ORTHINESS A	CERTIFICATE PPROVAL TAG	1282015
4. Organization Name and Address:	AIRCRAFT ACCESSORIES OF OKLAHOMA 2740 North Sheridan Rd Tulsa, OK 74115	OMA	CRS# RV3R829L	5. Work Order/Contract/Invoice Number: SO15-151
6. Item: 7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1 FUEL PUMP	653351-3A5	–	M5253R	OVERHAULED
12. Remarks:				
THE PART IDENTIFIED ABOVE WAS OVERHAULED AIRWORTHINESS DIRECTIVES. SALES ORDER SOI	IN ACC 5-151	NCE WITH FAA	VED DATA. RK PERFOR	THERE ARE NO APPLICABLE MED IS ON FILE AT THIS FACILTY
		general est de service de la constant de la constan		
13a. Sertifies the items identified above were manufactured in conformity to:	nufactured in conformity to:	14a. 🖸 14	14 CFR 43.9 Return to Service Oth	Other regulation specified in Block 12
Approved design data and are in a condition for safe operation Non-approved design data specified in Block 12.	dition for safe operation. Block 12.	Certific and des Federa return	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	the work identified in Block 11 ordance with Title 14, Code of work, the items are approved for
13b. Authorized Signature:	13c. Approval/Authorization No.:		14b. Authorized Signature:	14c. Approval/Certificate No.:
		HES	water	RV3R829L
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or	(Typed or Printed):	14e. Date (dd/mmm/yyyy):
		/	Alan Brothers	28-Jan-2015
	User/Instal	User/Installer Responsibilities	ities	
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.	this document alone does not automatic:	ally constitute auth	ority to install the aircraft engine/propeller/	article.
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.	ance with the national regulations of an : es that his/her airworthiness authority av	airworthiness auth	ority different than the airworthiness author ine(s)/propeller(s)/article(s) from the airwort	rity of the country specified in thiness authority of the country
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records stional regulations by the user/installer before the aircraft may be flown.	e installation certification. In all cases, a ne aircraft may be flown.	ircraft maintenan		must contain an installation certification issued in accordance with the

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OF OKLAHOMA, INC.

FAA APPROVED REPAIR STATION

P.O.# SHIP VIA

CRS# RV3R829L
2740 NORTH SHERIDAN ROAD - TULSA. OK 74115
TOLI, FREE 800 255-9924 *PHONE 918 835-9924 *FAX 918 835-3681

OVERHAUL

REPAIR

EXCHANGE

SALE

MAINTENANCE TRAVELER

customer Kane Aviat	iou	WORK ORDER #	DATE:	2019
Continental Fuel System To 240	And the second			
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Engine Component Information Sheet

Printed: 5/23/2012

Serial:

1006616

Spec:

I0240B32B

New/Rebuilt:

NEW

Assembled: 5/17/2012

Shipped:

Packed:

5/23/2012

Customer Name:

Shipping Address:

Commonant			
Component	Serial Number	Component	Serial Number
CAMSHAFT	123952	L. TURBO	N/A
CRANKSHAFT	N11LA015	R. TURBO	N/A
CRANKCASE	S12AA022	OVERBOOST	N/A
CONNROD	AE12CA279	CONTROLLER	N/A
CONNROD	AE12CA327	WASTEGATE	N/A
NNROD	AE12CA277	CYLINDER - 1	AC12BB475
CONNROD	AE12CA276	CYLINDER - 2	AC12BB447
CONNROD	N/A	CYLINDER - 3	AC12BB421
CONNROD	N/A	CYLINDER - 4	AC12BB484
L MAGNETO	11121139	CYLINDER - 5	N/A
R MAGNETO	12011702	CYLINDER - 6	N/A
CARBURETOR	N/A	CYL FLOW CODE	N/A
FUEL PUMP	B12DA174	NOZZLE - 1	1173
MANIFOLD VALVE	C12DA148	NOZZLE - 2	2173
METERING UNIT	A12EA055	NOZZLE - 3	3173
STARTER	01125120s	NOZZLE - 4	4173
ALTERNATOR	N/A	NOZZLE - 5	N/A
ALTERNATOR 2	N/A	NOZZLE - 6	N/A
DRIVE GEAR	N/A	OIL COOLER	N/A
IVEN GEAR FOID OA-854 (MAR 20	N/A	PISTON WEIGHT	N/A

Form QA-85A (MAR 2012)

Pack Inspection Stamp

All of the information provided herein is subject to verification by the user. Continental Motors, Inc, makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

DATE	TIME RU	IN	TIME SINCE OVER		CY	CLES
	HOURS	min	HOURS	min	S u b Total	TOTAL
BROUGHT -		—				

INSTALLATIONS, INSPECTIONS

M Diamond

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVED MANUFACTURER #161-93 Registration:

A/C Serial Number: Engine Serial Number: C0619 1006616

Prop Serial Number:

12018

Engine Total Time:

5.5 hrs

- Engine Total Time Brought forward from Flight Test Journey Log (DAI Form Q-156): 5.5 hrs
- Engine installed new on Aircraft DA20-C1, S/N: C0619
- Engine serviced with 6 qts. Of Philips 20W50 Type "M" engine oil
- OIL CHANGE DUE @ 25 hrs
- Bi-weekly AWD check carried out to current revision 2012-12, all applicable AD's complied with
- The work described above was carried out IAW the applicable Standard of Airworthiness.



JUN 2 8 2012 date

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TOTALS SINCE NEW							CARRY FORWARD to Top of Next Page

Blue Ridge Airport Authority 525 Airport Rd, Martinsville, VA 24112 (276) 957-1109 Fax Engine Date: 9/19/2012 Tail Number: N139DA Aircraft Make/Mc Engine Make: Continental Engine Model: IO-240-B Engine S/N: 10 Service performed: Replaced oil with 6 quarts of Aeroshell 15W-50. Replaced oil filter w torqued and safetied. Cut open old filter and no contaminants were found. Checked magnet found to be within limits per engine data plate. Performed ground run and leak check and noted at this time. All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Ins FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy for return to service. Milchael B Smith A&P409570064IA Engine Tail Number: N139DA Aircraft Make/ Model: Diamond Da20-C1 Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Engine Tin: 26.4 Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tain: 26.0 I Certify this engine has been serviced and inspected I/A/W a 25 Hour inspection I/A/W FA I/A/W FAR 43.11. This engine was found to be in an airworthy condition and is approved for	NAME/ SIGNATURE	LICENCE:
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	AR 43 appendix D and return to service.	3
Michael B Smith A&P409570064IA		

DATE			TIME		CYCLES						
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RO Blue F	Ridge Airpo	ort Autho	ority 525 Air	port Rd, I	Martinsville, \	VA 24112	(276) 957-1	109 Fax (276	957-2292	1 of 2	
<u>Engi</u> i			10/25/2012	τ	ail Number: I	N139DA	Aircraft I	Make/Model:	Diamond D		
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#2: 7 — gask	/2/80 #3: 74 :ets. Perfon	4/80 #4: med gro	70/80. Cleai und run and	ned, inspe leak chec	k and no leal	ks or defects	were noted	at this time.			
_ FAR	ork listed a 43.9. In ref	erence	s done I/A/V to the work li	V Teledynosted abov	e Continental	I IO-240 A&B e was found t	B Operation to be in an a	and Installati	on Manual a dition and is	and I/A/W approved	
mor re	etum to ser	vice.		Mil.	Mul	1	9239 47				
				Michael	B Smith A&F	P409570064I	IA				
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Blue	Ridge Airp	ort Auth	ority 525 A	irport Rd,	Martinsville,	VA 24112	(276) 957-1	109 Fax (27	6) 957-2292	2 1 of 2	
Engi	ine Engine Mak		12/17/2012 inental		Tail Number: Model: IO-24		Aircraft Engine S/N: 1	Make/Model 1006616	: Diamond I Tach: 9		
torqu	ied and saf	etied. C	ut open old	filter and n	arts of Aeros	nts were four	nd. Checked	magneto to	engine timir	ng and	
found	d to be with	in limits	per engine	data plate	. Differential	compression	check perfo	rmed I/A/W	CM SB03-	3, #1: 72/80	
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	Engine Tail Number: N139DA Aircraft Make/ Model: Diamond DA20-C1 Engine TT: 51.2 Date: 10/25/2012 2 of 2 FA Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 51.2 I certify this engine has been serviced and inspected I/A/W a 50 Hour inspection I/A/W FAR 43 appendix D and I certify this engine has been serviced and inspected I/A/W a 50 Hour inspection I/A/W FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service.
	Michael B Smith A&P409570064IA
En	regine Tail Number: N139DA Aircraft Make/ Model: Diamond DA20-C1 Engine TT: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 98.2 Date: 12/17/2012 2 of 2 legine Make: Continental Engine Make: IO-240-B Engine Make:
	Michael B Smith A&P409570064IA
	Blue Ridge Airport Authority 525 Airport Rd, Martinsville, VA 24112 (276) 957-1109 Fax (276) 957-2292 1 of 2
	Engine Date: 05/23/2013 Tail Number: N139DA Aircraft Make/Model: Diamond DA20-C1 Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 195.8 Service performed: Replaced oil with 6 quarts of Aeroshell 15W-50. Replaced oil filter with one new AA48108-2, found to be within limits per engine data plate. Differential compression check performed I/A/W TCM SB03-3, #1: 72/80 #2: 72/80 #3: 72/80 #4: 71/80. Cleaned, inspected, tested installed and torqued all spark plugs using new M-674 gaskets. Performed ground run and leak check and no leaks or defects were noted at this time
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W for return to service. Dale Murphy A&P 227863044IA
	Engine Tail Number: N139DA Aircraft Make/ Model: Diamond DA20-C1 Engine TT: 195.8 Date: 05/23/2013 2 of 2 Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 195.8
	I certify this engine has been serviced and inspected I/A/W a 100 Hour Inspection I/A/W FAR 43 appendix D and I/A/W FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service.
W)	Dale Murphy A&P227863044IA

DATE	TIME RU	N	TIME SINCE OVER		CY	CLES		
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Engine I certi	e Tail Nu Make: Co fy this en FAR 43.	ntiner gine l	ntal Engin nas been se	e Mod	iel: IO-246 d and ins	spected I/AN e in an airwo	and DA20-C1 Engine TT: 485.3 Date: 08/19/2014 2 of 2 the S/N: 1006616 Tach: 485.3 We a 100 Hour inspection I/AW FAR 43 appendix D and porthy condition and is approved for return to service. The symmetry of the symmetry o
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Service Performed All work FAR 43.1	ne Make: perforn I ground r	Date: Contined: un ar	09/23/2014 inental Replaced and leak chec as done I/A/	En #1 Int k and W Te	Tai gine Mod ake Pus d no leak eledyne C l above,	Il Number: N del: IO-240-l h-rod tube C s or defects Continental	B Engine S/N: 1006616 Tach: 506.3 Dring seal at cylinder. were noted at this time. IO-240 A&B Operation and Installation Manual and I/A/W was found to be in an airworthy condition and is approved
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NAME/ SIGNATURE

LICENCE: AME or AMO/ACA

Kane Aviation LLC	22 Waypoint Dr. F	Roanoke, VA. 24018
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1 of 2

Date: 12/26/2014 Engine Engine Make: Continental

Tail Number: N139DA Engine Model: IO-240-B

Aircraft Make/Model: Diamond DA20-C1 Engine S/N: 1006616

Tach: 582.3

Service performed: Installed 5 quarts of Aeroshell W-100 and Avblend . Installed new oil filter AA48108-2, torqued. safetied. Cked magneto timing, Adjusted Rt mag to mfg specs. Compression check performed I/A/W TCM SB03-3: 78, 78, 77, 77. Cleaned, inspected, tested installed and torqued all spark plugs using new M-674 gaskets.

Performed ground run and leak check and no leaks or defects.

All work listed above was done I/AW Teledyne Continental IO-240 A&B Operation and Installation Manual and I/AW FAR 43.9. In reference to the work tisted above, this engine was found to be in an airworthy condition and is approved for return to service.

Engine Tail Number: N139DA

Aircraft Make/ Model: Diamond DA20-C1

Engine TT: 582.3

Date: 12/26/2014

2 of 2

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach: 582.3

I certify this engine has been serviced and inspected I/A/W a 100 Hour inspection I/A/W FAR 43 appendix D and I/AW FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service.

Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018

1 of 1

Engine

Date: 2/19/2015

Tail Number: N139DA

Aircraft Make/Model: Diamond DA20-C1

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616 .

Tach: 631.5

Service performed: Drained oil and safetied drain, installed 5 quarts of Aeroshell W-100 and 1 Avblend . Installed new oil filter AA48108-2, torqued, safetied. Installed new 655704 Rocker Cover gaskets on all cylinders. Performed ground run and leak check and no leaks or defects.

All work listed above was done I/AW Teledyne Continental IO-240 A&B Operation and Installation Manual and I/AW FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Dale Mu/phy A&P227863044IA

Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018

1 of 1

Engine Make: Continental

Date: 3/23/2015

Tail Number: N139DA

Aircraft Make/Model: Diamond DA20-C1

Model: IO-240-B

S/N: 1006616

Tach: 664.2

Service performed: Replaced all spark plugs for right magneto with URHM-38E. Operational run-up satisfactory.

All work listed above was done I/AW Teledyne Continental IO-240 A&B Operation and Installation Manual and I/AW FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Section 3A: Engine Service and Maintenance Log D/ 1 of 2 Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 BROU Aircraft Make/Model: Diamond DA20-C1 **Engine** Tail Number: N139DA Date: 4/8/2015 Tach: 682.4 Engine Model: IO-240-B Engine S/N: 1006616 Engine Make: Continental Service performed: Installed 5 quarts of Aeroshell 15W50 and 12 oz. Avblend. Removed oil filter, inspected, Installed new oil filter AA48108-2, torqued and safetyed. Checked Mag timing and Differential compression check performed REF: TCM SB03-3, 74, 75, 74, 76. Cleaned, inspected, tested installed and torqued all spark plugs with new M-674 gaskets. Performed operational run, no leaks or defects. All work listed above performed REF; Teledyne Continental IO-240 A&B Operation and Installation Manual and REF: FAR 43.9. In reference to the work/listed above, this engine was found to be in an airworthy condition and is approved for return to service. Engine TT: 682.4 Date: 04/8/2015 2 of 2 Engine Tail Number: N139DA Aircraft Make/ Model: Diamond DA20-C1 Tach: 682.4 Engine Model: IO-240-B Engine S/N: 1006616 Engine Make: Continental I certify this engine has been serviced and inspected J/A/W a 100 Hour Inspection I/A/W FAR 43 appendix D and REF: FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service. Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 1 of 1 **Engine** Aircraft Make/Model: Diamond DA20-C1 Date: 4/27/2015 Tail Number: N139DA Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 698.5 Service performed: Removed Starter for inspection of Bendix gear to engine gear, no defects found. Drained Oil sump and installed 5 quarts of Aeroshell W100 Plus and 12 oz. Avblend. Removed oil filter, inspected, Installed new oil filter AA48108-2, torqued and safetyed. Checked Fuel system operation and adjustment, no defects Per REF; IO-240-A,B Maintenance and Overhaul manual section 6-3.7.3.3.1 Performed operational run, no leaks or defects. All work listed above performed REF: Teledyne Continental IO-240 A&B Operation and Installation Manual and REF: FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P2278630441A **SouthTecAviation** Mobile (334) 728-68006 Date: Aug. 21, 2015 TCM I0-240-B S/N 1006616 Tach: 721.0 TTE: 721.0hrs. Reinstalled engine returned from Poplar Grove Airmotive. Adjusted magneto setting and set fuel in accordance Continental Aircraft Engines Maintenance Manual M-6. Filled sump with 6qts Phillips 66 20w50 XC motor oil. Ran engine to check for operation and leaks, all normal at this time. I certify all work completed in accordance with Diamond DA20-C1 Maintenance Manual and Continental Manual M-6. All applicable FAR's complied with. gine returned to service. AP 2151929 IA Glenn M. Lawler TOTALS PREVIOUS TOTALS **TOTALS** SINCE NEW CARRY FORWARD to Top of Next Page

AI 05	ANUFACTURER: Continental ENGINE M DESCRIPTION D-24-52 TCM lifters D-03-06C AFS servo diaphram Description oplar Grove Airmotive, Inc. Description of the continent of the continent oplar Grove Airmotive, Inc. Description of the continent of the continent open open open open open open open open	N/A by P/N lifters	odel	O# 7091 A5 CE:
	MAKE CONTINENTAL MODEL Total Time 721.0 Since New	IO-240-B S/N Time Since Major Overha	1006616 nul N/A	Hours
	The aircraft engine identified above was repaired and inspected in Administration and is approved for return to service for the work perfifile at this repair station under:	ormed. (As detailed below) Pertin	ons of the Federal Aviation ment details of repair are or	n n
	Work Order #	Date	30/Jul/2015	
	Disassembled, cleaned and inspected engine due to property of the second and repaired cylinders as required. Fit an further details. Installed magnetos left, P/N 4309, S/N 150 Champion. This engine was test run in an FAA approved Record and Parts List for more details.	d installed new rings. See n 030067, and right, P/N 4309, test cell and meets specific	naintenance release t S/N 15030615 new fr	ag for one
	Poplar Grove Airmotive, Inc. Poplar Grove Airport, Poplar Grove, IL	d Mason	Ma	
	FAA Approved Repair Station #YYBR664L	Signed for Poplar Grove Al	rmotive, Inc.	
		7/30/2018 4:01PM Shop Order # Close	Date Dic# Part Number	Poplar Grove Airmotive, Inc. Shop Orders — Inventory Summer, For Shop Order 7091 Only Adam Description Only Market
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	REPAIRED SHAULED DESTED WINSPECTED		1	
	The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.			* ,
	Pertinent details of the repair are on file at this repair station under:			• 1
	OWNER: Kane Aviation LLC WORK ORDER NO. 709/ DATE 7/17/13			
46.	_ / /hu .	1		
33	POPLAR GROVE AIRMOTIVE, INC.			
	11619 U. S. ROUTE 76 POPLAR GROVE, IL 61065			
	FAA Approved Repair Station #YYBR664L			

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 	Engine Date: 3/24/2016 Tail Number: N139DA Aircraft Make/Model: Diamo Make: Continental Model: IC-240-B S/N: 1006616 Tach: 756.6 Service performed: Removed all spark plugs, cleaned cked gap and resistance, replaced #2B with Operational run-up satisfactory.		NCE
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Mark 13.9. In reference to the work listed above, this engine was found to be in an airworthy condition for return to service. Dale Myrphy A&P 2/7863044IA	anual and I/A/W and is approved	ACA
	Available to the second		
	Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018	1 of 1	_
	Airframe Date: 3/11/2016 Tail Number: N139DA Aircraft Make/Model: Diam Aircraft TT: 765.9 Aircraft S/N: CO619 Tach: 765.9 Service performed: C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Ser Maintenance Manual. Performed engine ground run and no leaks or defects.	A Commission Indian Inc.	
	All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Chapter 28-20 FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condit approved for return to service.	0-00 and ion and is	
	Dale Murchy (&P/27863044IA		
ii .	Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018		
	Engine Date: 4/18/2016	1 of 1	
	Make: Continental Model: IO-240-B S/N: 1006616 Tach: 769.0 Service performed: Removed all spark plugs, cleaned cked gap and resistance, replaced #1, 2, and 4 with New RHEM-38E. Adjusted Idle mixture Ref; Post Maint Adjustment and Test. REF: Continental Motor Series Maintenance Manual. Performed engine ground run and no leaks or defects. Operational run-up sa	top plugs	
	Make: Continental Model: IO-240-B S/N: 1006616 Tach: 769.0	top plugs s !O-240 tisfactory.	
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	Make: Continental Model: IO-240-B S/N: 1006616 Tach: 769.0 Service performed: Removed all spark plugs, cleaned cked gap and resistance, replaced #1, 2, and 4 with New RHEM-38E. Adjusted Idle mixture Ref; Post Maint Adjustment and Test. REF: Continental Motor Series Maintenance Manual. Performed engine ground run and no leaks or defects. Operational run-up sa All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and in Dalle Murrany A&F227863044IA	top plugs s !O-240 tisfactory. I and I/A/W is approved	
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	Make: Continental Model: IO-240-B S/N: 1006616 Tach: 769.0 Service performed: Removed all spark plugs, cleaned cked gap and resistance, replaced #1, 2, and 4 with New RHEM-38E. Adjusted Idle mixture Ref; Post Maint Adjustment and Test. REF: Continental Motor Series Maintenance Manual. Performed engine ground run and no leaks or defects. Operational run-up sa All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and if the part of the work listed above, this engine was found to be in an airworthy condition and in Dale Murrhy A&F/27863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Engine Date: 4/18/2016 Tail Number: N139DA Aircraft Make/Model: Diamond D. Aircraft TT: 771.8 Aircraft S/N: CO619 Tach: 771.8 Service performed: C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Series Maintenance Manual. Performed engine ground run and no leaks or defects. All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Chapter 28-20-00 FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and invertible conditi	top plugs s !O-240 tisfactory. I and I/A/W is approved 1 of 1 A20-C1	
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Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018

Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 780.8	C1
Service performed: Installed 5 quarts of Aeroshell 15W50 and 12 oz. Avblend. Removed oil filter, inspected, Installed new oil filter AA48108-2, torqued and safetyed. Checked Mag timing and Differential compression che performed REF: TCM SB03-3, 76, 77, 76, 77. Cleaned, inspected, tested installed and torqued all spark plugs we new M-674 gaskets. Performed operational run, no leaks or defects.	l, eck
All work listed above performed REF: Teledyne Continental IO-240 A&B Operation and Installation Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is appropriate to service.	I REF:
Dale Murphy A&P 20630441A	
Engine Tail Number: N139DA Aircraft Make/ Model: Diamond DA20-C1 Engine TT: 780.8 Date: 04/27/2016 Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 780.8	2 of 2
I certify this engine has been serviced and inspected I/A/W a 100 Hour inspection I/A/W FAR 43 appendix D an REF: FAR 43.11. This engine was found to be in an arrworthy condition and is approved for return to service.	nd
Dale Murphy A&P227862044IA	
Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018	1 of 1
Engine Date: 5/25/2013 Tail Number: N139DA Aircraft Make/Model: Diamond DA20-C Aircraft TT: 805.6 Aircraft S/N: CO619 Tach: 805.6 Service performed: C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Series Maintenance Manual. Performed engine ground run and no leaks or defects.	1
All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Chapter 28-20-00 and	
FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service.	
FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is	
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FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P27863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018	1 of 1
FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P27/863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Tail Number: N139DA Aircraft Make/Model: Diamond DA20 Aircraft TT: 827.3 Aircraft TT: 827.3 Aircraft S/N: CO619 Tach: 827.3)-C1
FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P27/863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Date: 6/22/2016 Tail Number: N139DA Aircraft Make/Model: Diamond DA20 Aircraft TT: 827.3 Aircraft S/N: CO619 Tach: 827.3 Service performed: Replaced Engine fuel pump with Overhauled by Aircraft Accessories of Oklahoma Inc. P/N: 653351-4, S/N: B003HA529. C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Set Maintenance Manual, C/W Continental Motors Service Information Directive SID 97-3G. Removed and replaced.	c. eries
FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P27/863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Dale Murphy A&P27/863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Aircraft TT: 827.3 Service performed: Replaced Engine fuel pump with Overhauled by Aircraft Accessories of Oklahoma Inc. P/N: 653351-4, S/N: B003HA529. C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Se Maintenance Manual. C/W Continental Motors Service Information Directive SID 97-3G. Removed and replaced Tank Sender assy P# 224-225; REF 28-40-00 Performed engine ground run and no leaks or defects. All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Chapter 28-20-00 and	c. eries laced
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FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. Dale Murphy A&P227863044IA Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018 Date: 6/22/2016 Tail Number: N139DA Aircraft Make/Model: Diamond DA20 Aircraft TT: 827.3 Service performed: Replaced Engine fuel pump with Overhauled by Aircraft Accessories of Oklahoma Independent Pin: 653351-4, S/N: B003HA529. C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Set Maintenance Manual. C/W Continental Motors Service Information Directive SID 97-3G. Removed and replement Tank Sender assy P# 224-225; REF 28-40-00 Performed engine ground run and no leaks or defects. All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Cnapter 28-20-00 and FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service. This PAGE	c. eries laced

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50	Fngine Date: 6/28/2016 Tail Number: N139DA Aircraft Make/Model: Diamond DA20-C1	1074
	Engine Make: Continental Engine Model: IO-240-B Engine S/N: 1006616 Tach: 830.1 Service performed: Drained oil and safetied drain, installed 5 quarts of Aeroshell W-100 and 1 Avblend . Installed	
	new oil filter AA48108-2, torqued, safetied. Performed ground run and leak check and no leaks or defects.	
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved	
	for return to service.	
	Dale Murphy A&P227863044IA	
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	Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24018	
	Engine Date: 7/1/2013 Tail Number: N139DA Aircraft Make/Model: Diamond DA20-C1	
	Aircraft TT: 832.6 Aircraft S/N: CO619 Tach: 832.6	
	Service performed: C/W Post Maint Adjustment and Test. REF: Continental Motors IO-240 Series Maintenance Manual. Performed engine ground run and no leaks or defects.	
	All work listed above REF: Diamond Aircraft DA20-C1 Aircraft Maintenance Manual Chapter 28-20-00 and	L
	FAR 43.9. In reference to the work listed above, this aircraft was found to be in an airworthy condition and is approved for return to service.	
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	Dale Murphy (&P227866044IA	
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	Kane Aviation LLC. 22 Waypoint Dr. Roanoke, VA. 24012 1 of 1	
	Figure Date: 7/22/2016 Tail Number: N139DA Aircraft Make/Model: Diamond DA20-C1	
14	Engine Make: Continental Engine Make: Continen	_
	Service performed: Re-installed repaired throttle body assembly from All Clark Resource WO# 17603. Performed leak test and ground run, and all operations checked normal. No other defects were Noted at this time.	-
	Noted at this time.	1
	A VICTOR OF THE PROPERTY OF TH	
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved	
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.	The second secon
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved	Section - Section - Sections
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.	Contraction of the Contraction o
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.	The second secon
	All work listed above was done I/A/W Teledyne Continental IO-240 A&B Operation and Installation Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.	And the second s

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	Kane	Aviation	LLC	C. 22 \	Waypoint	Dr. Roanoke, VA. 24012 1 of 1	
Engine	Date: 7/2	28/2016		Tail Nur	mber: N139	Aircraft Make/Model: Diamond DA20-C1	
Engine	Make: Continer	ntal E	naine	e Model	: IO-240-B	Engine S/N: 1006616 Tach: 840.5	4.35.
Service po	erformed: Pe	rformed Fue	l Inje	ction Sy	ystems Adju	stment test per Continental Motors Service and adjusted metered pressure to manufactures	
recommen	iD97-3G. Found ded specificatio	a unmetered Ins. Perform	ı pres ed ar	ssure wi cound ru	in, and all or	perations checked normal. No other damage or defects	
noted at thi	is time.		- J		lateral L.Y		- 1
All work liet	ed above was	done I/AAAI	Talad	lyne Co	ntinental: IO	240 A&B Operation and Installation Manual and I/A/W	
FAR 43.9.	In reference to	the work list	ed ab	ove, thi	is engine wa	s found to be in an airworthy condition and is approved	4
for return to	service.		-	1	Physical area	the second section of the second	•
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Engine	Date: 7/	29/2016	-	Tail Nu	mber: N139	DA Aircraft Make/Model: Diamond DA20-C1	
	Make: Contine		Engin	e Mode	1: 10 240 D	The state of the s	i
Service p	arfarmad: D-				1. 10-240-B	Engine S/N: 1006616 Tach: 841.1	
Engine Me	enomeu. Pe	erformed fue	Syst	lem adiu	ust and test	Ising procedures outlined in Continental Aircreft	
Engine Ma	intenance Man	erformed fue ual Publicati	l syst ion M	lem adiu	ust and test	Ising procedures outlined in Continental Aircreft	
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Kane Aviation LLC. 22 Waypoint [Dr. Roanoke, VA. 24012	1 of 2	AME AMO/A
Engine Date: 0/20/20/20	Model: IO-240-B Engine S/N: 1006		
Service performed: Installed 5 quarts of AP/N: AA48108-2, torqued and safetied. Cher REF: TCM SB03-3, 76/80, 75/80, 77/80, 75/8 with new M-674 gaskets. Performed operations	Aeroshell 15W50. Removed oil filter, inspe ticked Mag timing and Differential compress 80. Cleaned, inspected, tested installed an	d torqued all spark plugs	The second secon
All work listed above performed REF: Teledy FAR 43.9. In reference to the work listed above.	yne Continental IO-240 A&B Operation an ove, this engine was found to be in an airw	d Installation Manual and REF: orthy condition and is approved	
for return to service.			
Kevin Ca	ampbell A&P 3537913IA		•
Engine Tail Number: N139DA Aircraft Mak Engine Make: Continental Engine Model: IO-	ke/ Model: Diamond DA20-C1 Engine TT: -240-B Engine S/N: 1006616 Tac	879.5 Date: 9/28/2016 2 of th: 879.5	2
I certify this engine has been serviced and REF: FAR 43.11. This engine was found to	inspected I/A/W a 100 Hour inspection I/A be in an airworthy condition and is approv	VW FAR 43 appendix D and ed for return to service.	
	Kevin Campbell A&P 3537913IA		
Kane Aviation LLC	C. 22 Waypoint Dr. Roanoke, VA	24018 1 of 1	
	Fail Number: N139DA Aircraft Make/ e Model: IQ-240-B Engine S/N: 1006	Model: Diamond DA20-C1 616 Tach: 930.5	
Installed new oil filter AA48108-2, torqued, s All work listed above was done I/A/W Teled FAR 43.9. In reference to the work listed ab for return to service.	yne Continental IO-240 A&B Operation and	Installation Manual and I/A/W	
The state of the s	owers A&P3473787		
Kane Aviation LLC. 22 Way	point Dr. Roanoke, VA. 24012	1 of	2
Engine Date: 1/31/2017 Engine Make: Continental	Linguis Model, 10-240-B Finding C/	t Make/Model: Diamond DA20-C N: 1006616 Tach: 976.5	:1
and found to be within limits. Perform Cleaned, inspected, tested installed a MFG's recommendations. Performed	uarts of Aeroshell 15W50 and 1 AVBlend. Rod. Installed new filter P/N: AA48108-2, torqued differential compression check per TCM and torqued all spark plugs w/ new M-674 gd operational run, and no leaks or defects w	emoved oil filter, cut open and led and safetied. Checked mag to SB03-3, 72/80, 77/80, 74/80, 76 askets. Inspected engine IAW were noted at this time.	6/80. ith
All work listed above performed REF: FAR 43.9. In reference to the work list	: Teledyne Continental IO-240 A&B Operations of the Continental IO-240 A&B Ope	ion and Installation Manual and I n airworthy condition and is appr	REF:
for return to service.			roved
- Ofa	Gary Powers A&P 3473787		roved
- OAa			roved
Engine Tail Number: N139DA Aircraf Engine Make: Continental Engine Mode	ft Make/ Model: Diamond DA20-C1 Enginel: IO-240-B Engine S/N: 1006616	Tach: 976.5	2 of 2
Engine Tail Number: N139DA Aircraf Engine Make: Continental Engine Mode	Gary Powers A&P 3473787 ft Make/ Model: Diamond DA20-C1 Engin	Tach: 976.5	2 of 2
Engine Tail Number: N139DA Aircraf Engine Make: Continental Engine Mode	ft Make/ Model: Diamond DA20-C1 Enginel: IO-240-B Engine S/N: 1006616	Tach: 976.5	2 of 2

DATE	TIME RUN	TIME SINCE OVERH		CYCLES		
1 1 .	HOURS min	HOURS	S.,		INSTALLATIONS, INSPECTIONS	• (
BROUGHT				20 20 20 20 20 20 20 20 20 20 20 20 20 2		
	K	ana Aviat	ion I I C	22 Mounain	A De Beereke MA 04040	
		arie Aviat	ION LLC	. 22 vvaypoir	nt Dr. Roanoke, VA. 24018 1 of 1	
Servic Installe	gine Make: Conf e performed: ed new oil filter A	Drained oil A48108-2, f	Engine and safeti torqued, s	afetied. Performe	Engine S/N: 1006616 Tach: 1030.7 If 5 quarts of Aeroshell 15W-50 and 1 Avblend . If ground run and leak check with no leaks or defects.	
	3.9. In reference m to service.	to the work	listed abo	ne Continental IC ve, this engine wa	0-240 A&B Operation and Installation Manual and I/A/W as found to be in an airworthy condition and is approved	
			Casey M	cGuffee A&P 395	7181	
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Labore		No te faire anne				
-						
Kane Av	iation LLC. 2	22 Waypo	oint Dr. I	Roanoke, VA	. 24012 1 of 2	
Engine	Date: 4/2			umber: N139DA	Aircraft Make/Model: Diamond DA20-C1	
	Make: Continen			el: IO-240-B	Engine S/N: 1006616 Tach: 1072.6	
Service po	erformed: Inst	alled 5 quar	ts of Aeros	shell 15W50. Rem	oved oil filter, cut open and inspected, no defects. lag timing and Differential compression check	-
performed	REF: TCM SB0:	3-3, 74, 75,	76, 70. Cle	eaned, inspected,	tested installed and torqued all spark plugs with	-
new M-674	gaskets. Perfo	rmed operat	tional run,	no leaks or defect	S.	
FAR 43.9. I	n reference to the	med REF: T ne work liste	eledyne C d above, t	ontinental IO-240 his engine was for	A&B Operation and Installation Manual and REF: und to be in an airworthy condition and is approved	
for return to	service.	•	1	Am	•	
		_	Cas	ey McGuffee A&F	9 3957181	
Engine Tail Engine Make:	Number: N139DA Continental E	A Aircraft M Engine Model:		el: Diamond DA20-C Engine S/N: 100		
I certify this REF: FAR 4	engine has beer 3.11. This engir	n serviced a ne was found	nd inspect d to be in a	ed I/A/W a 100 H an airworthy condi	our inspection I/A/W FAR 43 appendix D and tion and is approved for return to service.	
			Rom		_	
		-	Kevi	n Campbell A&P	3537913IA	
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	Kane	Aviation	LLC. 2	2 Wavpoint D	r. Roanoke, VA. 24018	
	,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Engine Engine	Date: 6/8 Make: Continer			umber: N139DA del: IO-240-B	Aircraft Make/Model: Diamond DA20-C1 Engine S/N: 1006616 Tach: 1121.0	
_			_		quarts of Aeroshell 15W-50. Installed new oil	1
filter AA48	108-2, torqued, s	safetied. Cut	t open and	inspected old filt	er, no contaminants found. Performed ground	
run and lea	k check with no	leaks or de	fects note	d at this time.		-
All work lis FAR 43.9. for return t	In reference to t	done I/A/W The work liste	Teledyne C	Continental IO-24 this engine was fo	A&B Operation and Installation Manual and I/A/W bund to be in an airworthy condition and is approved	
SI	4	4	21/		The state of the s	
- Children Some a		Ca	sey McGu	Iffee A&P 395718	1	1

Airframe Date: 7/22/2017 Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine model: Con IO-240-B

A/C S/N: C0619 Engine S/N 1006616 Tach Time: 1172.2 Total Time: 1172.1

Work Performed

Preformed 100 hr inspection. Drained oil removed oil filter and inspected for metal. Installed new oil filter, torqued and safetied. Added 5 quarts of Aeroshell 15w50. Removed fuel injectors, cleaned, and reinstalled to torque. Removed spark plugs cleaned, gapped, ohm checked, and reinstalled to proper torque. Retimed both mags to 26 deg. Readjusted mixture and throttle to get spring back. Ran aircraft and preformed leak check no leaks found. Aircrast is approved for return to service: I certify that this aircrast has been inspected I/R/T a Diamond DA20 100 Hour Inspection, Diamond DA20 Maintenance Manual, and Continental IO-240 B overhaul and MM.

William Painter 3170695 A&P IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Seps Airsrame Date: 7/22/2017 Tail #: N139DA

A/C Make/Model: Diamond DA20

A/C S/N: C0619 Tach Time: 1172.2 Total Time: 1172.1

Work Performed: I certify that this engine has been inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

William Painter 3170695 A&P IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 9/11/2017 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: 1O-240-B

Engine S/N: 1006616 Tach Time: 1218.9

Work Performed: Drained oil and serviced with 5 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/A/W Teledyne Continental IO-240 Series Maintenance Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 12/29/2017

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1269.2

Total Time: 1269.2

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminant found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 78/80, #2: 72/80, #3: 77/80, #4: 76/80. Cleaned fuel injectors and reinstalled. Cleaned, gapped, and tested spark plugs. Installed 1 serviceable URHM38E spark plug. Torqued all spark plugs to manufactures specification. Installed and timed magnetos overhauled by Quality Aircraft Accessories Inc. under WO# 024238 and 024239 using new 649954 gaskets. Right magneto model 4309 S/N: 10120293, left magneto model 4310 S/N: 13080662.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/A/W Teledyne Continental IO-240 Series Maintenance Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

2 612

Kane Aviation LLC

22 Waypoint Dr NW

Roanoke, VA 24012

Engine Date: 12/29/2017

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1269.2

Total Time: 1269.2

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kanc Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Tail #: N139DA

Engine Date: 5/16/2018

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine S/N: 1006616

Engine Model: IO-240-B

Tach Time: 1368.4 Total Time: 1368.4

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 77/80, #2: 74/80, #3: 77/80, #4: 76/80. Cleaned fuel injectors and reinstalled. Cleaned, gapped, and tested spark plugs. Torqued all spark plugs to manufactures specification. Installed new magneto gasket P/N: 649954 and timed magnetos to 26°. Installed new starter gasket P/N: 653673. Installed new push rod tube seals P/Ns: 641607 & 630286 and rocker box gaskets P/N: 655704.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 31706951A

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 2/27/2018 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1317.8

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

Al! work listed above was performed I/A/W Teledyne Continental IO-240 Series Maintenance Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW

Roanoke, VA 24012

Engine Date: 5/16/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1368.4 Total Time: 1368.4

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in

airworthy condition.

William Painter A&P 3170695LA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 7/10/2018 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1426.0

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Engine Date: 8/9/2018

Tail #: N139DA

· A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 1465.6

Total Time: 1465.6

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 78/80, #2: 76/80, #3: 77/80, #4: 77/80. Cleaned fuel injectors and reinstalled. Installed 8 new URHM38E spark plugs and torqued to manufactures specification. Adjusted magnetos to proper timing.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 8/9/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1465.6

Total Time: 1465.6

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 9/11/2018 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1515.1

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Engine Date: 10/18/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1563.2

Total Time: 1563.2

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 77/80, #2: 76/80, #3: 77/80, #4: 77/80. Cleaned fuel injectors and reinstalled. Adjusted magnetos to proper timing.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 11/12/2018 · Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1611.8

Work Ferformed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or

defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 10/18/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1563.2

Total Time: 1563.2

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 12/11/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1661.6

Total Time: 1661.6

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 75/80, #2: 78/80, #3: 77/80, #4: 77/80. Cleaned fuel injectors and reinstalled. Verified magnetos to proper timing.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

TOTALS PREVIOUS TOTALS **TOTALS** SINCE NEW

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Kane Aviation LC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 12/11/2018

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1661.6

Total Time: 1661.6

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 2/4/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1715.4

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 3/12/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1750.1

Work Performed: Installed new fuel manifold P/N: 656151-1A7 S/N: C17AA035. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy

condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 3/20/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 1759.0 To

Total Time: 1759.0

Work Performed: Drained oil and serviced with 6 quarts of 15W50. Removed, cut open, and inspected oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications and safetied. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 72/80, #2: 77/80, #3: 77/80, #4: 76/80. Cleaned fuel injectors and reinstalled. Installed serviceable magnetos, 4309 S/N: 08122298, 4310 S/N: 08091443. Timed magnetos to proper specifications.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Case McGuffee A&P 3957181

Engine Date: 3/20/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 1759.0

Total Time: 1759.0

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 5/6/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1792.3

Work Performed: Installed left magneto P/N: 4310 S/N: 05±10406. Timed both magnetos. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental iO-240 Series Maintenance and Overhaul Manual M-6 and AC 43 13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to

service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 4/2/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1763.2

Work Performed: Set fuel pressures to manufactures specifications. Performed ground run and leak check. No leaks or

defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance and Overhaul Manual M-6 and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 5/24/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1808.5

Work Performed: Installed 4 cylinder assemblies overhauled by Harrison Engine Service, Inc. under work orders 97523, 97524, 97525, & 97526. Removed oil filter, cut open, and inspected; no contaminants found. Installed, torqued, and safetied new AA48108-2 filter. Serviced engine with 6 quarts Aeroshell W100.

Operational run up and leak check performed. No leaks or defects

noted.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

PREVIOUS TOTALS

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Engine Date: 6/10/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 1O-240-B

Engine S/N: 1006616

Tach Time: 1809.8

Total Time: 1809.8

Work Performed: Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 71/80, #2:70/80, #3: 71/80,

#4: 71/80. Timed magnetos to proper specifications.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 3170695IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 6/10/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 1809.8

Total Time: 1809.8

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

William Painter A&P 3170695IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 7/5/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1833.9

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 395/181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 7/18/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1859.8

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Installed serviceable ignition harness. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGaffee A&P 3957181

Engine Date: 8/8/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 1906.0

Total Time: 1906.0

Work Performed: Drained oil and serviced with 6 quarts of Acroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safeticd AA48108-2 oil filter. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 76/80, #2:76/80, #3: 75/80, #4: 75/80. Timed magnetos to proper specifications.

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McOuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 8/8/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 1906.0

Total Time: 1906.0

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGaffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 8/30/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 1964.4

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 9/20/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 2005.4

Total Time: 2005.4

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 74/80, #2:73/80, #3: 72/80, #4: 72/80. Timed magnetos to proper specifications. Performed fuel pressure check, all pressures within limits

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

TOTALS SINCE NEW

CARRY FORWARD to Top of Next Page



Engine Date: 9/20/2019

Tail #: N139DA

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 2005.4

Total Time: 2005.4

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 11/6/2019

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 2105.5

Total Time: 2105.5

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Installed new fuel pump gasket and crankshaft nose seal. Installed serviceable fuel nozzle in #1 cylinder. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 76/80, #2:72/80, #3: 73/80, #4: 72/80. Timed magnetos to proper specifications. Performed fuel pressure check, all pressures within limits

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 10/14/2019 Tain#: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 2056.1

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 11/6/2019

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 2105.5

Total Time: 2105.5

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 3957181

x + + + 1

INSTALLATIONS, INSPECTIONS

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 11/26/2019 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: 10-240-B

Engine S/N: 1006616 Tach Time: 2162.0

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Installed and timed 4309 magneto S/N: 06010830 & 4310 magneto S/N: 08091443 rebuilt by Quality Aircraft Accessories Inc under work orders 043174 & 051326 respectively. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 12/17/2019

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 2198.0

Total Time: 2198.0

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 74/80, #2:74/80, #3: 74/80, #4: 75/80. Timed magnetos to proper specifications. Performed fuel pressure check, all pressures within limits

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Casey McGuffee A&P 3957181

Kane Aviation LLC 22 Waypoint Dr NW

Roanoke, VA 24012

Engine Date: 12/17/2019

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 2198.0

Total Time: 2198.0

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.

Casey McGuffee A&P 395718

Engine Date: 1/18/2020 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: 10-240-B

Engine S/N: 1006616 Tach Time: 2250.9

Work Performed: Drained oil and serviced with 6 quarts of Acroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental 10-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 3170695IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 2/2/2020

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

15

Tach Time: 2289.3

Total Time: 2289.3

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Differential compression test performed I/A/W TCM SB03-3, results as follows: #1: 76/80, #2:75/80, #3: 74/80, #4: 72/80. Timed magnetos to proper specifications. Performed fuel pressure check, all pressures within limits

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 3170695IA

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 2/2/2020

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 10-240-B

Engine S/N: 1006616

Tach Time: 2289.3

Total Time: 2289.3

Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in

airworthy condition.

William Painter A&P 31706951A

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 2/8/2020 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: 10-240-B

Engine S/N: 1006616 Tach Time: 2299.8

Work Performed: Installed serviceable fuel pump P/N: 653351-4A5 S/N: B1BJA015 and throttle body P/N: 653898-1A19 S/N: A19AA137. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 3170695 IA

DATE	TIME RU	IN	TIME SINCE OVER		CY	CLES
I = I	HOURS	min	HOURS	min	S u b Total	TOTAL
BROUGHT _		—				

INSTALLATIONS, INSPECTIONS

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 3/09/2020 Tail #: N139DA

A/C Make/Model: Diamond DA20

Engine Make: Continental Engine Model: IO-240-B

Engine S/N: 1006616 Tach Time: 2354.9

Work Performed: Drained oil and serviced with 6 quarts of Aeroshell 15W50. Removed old filter, cut open, and inspected. No contaminants found. Installed, torqued, and safetied AA48108-2 oil filter. Performed ground run and leak check. No leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

effrey W. Stuber A&P 3588836

Engine Make: Continental Engine Model: 10-240-B Engine S/N: 1006616 Tach Time: 2309.2

A/C Make/Model: Diamond DA20

Engine Date: 2/8/2020 Tail #: N139DA

Work Performed: Installed serviceable Oil pressure sender kit. 22-7930-10-00 S/N 515 from A/C 356AF. Performed ground run and leak check. No leaks or defects noted at this time.

Kane Aviation LLC 22 Waypoint Dr NW

Roanoke, VA 24012

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 5/19/2/)20

Tail #: N356AF

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: IO-240-B

Engine S/N: 1006616

Tach Time: 683.0

Total Time: 2372.6 2165.860 Work Performed: Installed engine S/N 1006616 from N139DA. Engine total time is 2372.6 TSMO is 2372.6. No run up or leak check was preformed because the throttle body needed overhauled.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

William Painter A&P 3170695IA

WIRC

Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012

Engine Date: 4/12/2021

Tail #: N356AF

A/C Make/Model: Diamond DA20 Engine Make: Continental

Engine Model: 1O-240-B

Engine S/N: 1006616

Total Time: 2373.1 Tach Time: 683.5

Work Performed: Drained oil. Removed, cut open, and inspected old oil filter. No contaminants found. Installed new AA48108-2 oil filter, torqued to manufactures specifications safety wired and serviced with 6 quarts of Shell 15W-50. Differential compression test performed, results as follows: #1: 74/80, #2: 73/80, #3: 72/80, #4: 74/80. Timed magnetos to proper specifications. Installed serviceable throttle body. Performed fuel pressure check, all pressures within limits

Operational run-up and leak check performed with no leaks or defects noted at this time.

All work listed above was performed I/R/T Teledyne Continental IO-240 Series Maintenance Manual and AC 43.13. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.

WillElle

William Painter A&P 3170695IA



		31 91		
Kane Aviation LLC 22 Waypoint Dr NW Roanoke, VA 24012			NAME/ SIGNATURE	LICEN AMEC AMO/A
Engine Date: 4/12/2021 Tail #: N356AF				
A/C Make/Model: Diamond DA20 Engine Make: Continental			1	-
Engine Model: 10-240-B Engine S/N: 1006616				
Tach Time: 683.5 Total Time: 2373.1	1			
Work Performed: I certify that this engine has been serviced and inspected I/A/W a 100 Hour Inspection and determined to be in airworthy condition.	;	1 1		
Kestle				
William Painter A&P 31706951A	,	1		
William Famer A&F 31700931A	-			
	· · · · · · · · · · · · · · · · · · ·			
EAP Aircraft Services LLC 123 Cambridge drive Goldsboro NC 28530		Continental IO240-B		
Aircraft Servicerus 919-429-1168	Tail:	N356AF		
	S/N:	1006616		
11				·
Hours: ACFT TACH: 0721.1				
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continuous Bulletin. All work performed IAW Continental IO-240-B MM.	nental SIB97-3			
I. Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continuous Rulletin	nental SIB97-3		3371702 IA 1/2022	
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
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Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		
Installed overhauled fuel pump (P/N 653351-2, S/N 6089625B) Adjusted fuel pump pressures, idle speed and mixture IAW Continential Work performed IAW Continental IO-240-B MM. Signed: Bruce L. J.	nental SIB97-3	Cert: A&F		

DATE	TIME RU	IN	TIME SINCE OVER		CY	CLES
1 1	HOURS	min	HOURS	min	S u b Total	TOTAL
BROUGHT _		1				

INSTALLATIONS, INSPECTIONS



TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 27201

DATE 06/08/2022

MAKE CONTINENTAL

MODEL IO-240-B

S/N 1006616

ENGINE TOTAL TIME

TSMOH 0.0

TBO 2000

TRI△D AVIATION Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Authorized Signature

06/08/2022

Date

Test Ran Continental IO-240-B Engine Serial Number 1006616 for 1 hr., RPM 2800, oil pressure 45 lbs, oil temperature 190 degrees, CHT 350. Magneto check at 1700 RPM, L 120 RPM, R 120 RPM. Compression test cylinder #1 79/80 #2 78/80 #3 79/80 #4 79/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 27201

Signed: Offineum · Ne Steen Date: 06/08/2022

Engine Logbook

Air Mart

Date: 06/1//2022		
Reg No: N356AF	Aircraft Type: DA-20	Aircraft S/N: C0050
Flight: N/A	Hobbs: 3145.5	Aircraft Total Time: 3145.5 2210.5
TACH: 727.7	Engine SMOH: 0.0	Engine total time: 2417.3

- Removed propeller for engine overhaul. P/N: MT 175 R150 2CA S/N: 18018 Reinstalled prop IAW aircraft and prop maintenance manual. Needs to be retorqued after first flight.
- Removed engine for overhaul by Triad Aviation W/O # 27201 Model number IO-240-B S/N: 1006616, with new magnetos from Kelly Invoice number:1925917,1925918, LH MAG P/N: ES4310 S/N: J-K08072, RH MAG P/N: ES4309 S/N: J-K08064. Reinstalled engine IAW aircraft and engine maintenance manual.
- 3. Performed engine fuel flow set up, leak and operational check good.
- 4. Installed new fuel and oil hoses by Aero Aviation CO. Hose Shop. Invoice #: H45108-1.
- 5. Installed new rod ends on throttle P/N: HF3M
- 6. Installed new engine mounts, bolts, nuts, and bushings.
- 7. Installed new oil pressure switch P/N: 020-308 IAW Aircraft maintenance manual
- 8. Replaced vacuum hose.

THIS PAC TOTALS

PREVIOU TOTALS

TOTAL SINCE N This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 06/17/0022

Nathan Parton, A&P: 4368564



			NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
T	noroughbred Aviation Maintenand	e, Inc.		
معظی م	Engine		<u> </u>	
Date: 06/29/2022 AC: N356AF Engine TT: 2419.1 Engine SMOH: 1.8	Type: Diamond DA20-C1 AC SN: C0050 Engine: 10-240- B Hobbs: 3147.5	WO: 223262 AFIT: 3147.5 Eng S/N: 1006616 Tach: 729.5		
#1:72 #2: 70 #3:71 #4.74. WO: 40/60	. Removed top spark plugs to check Removed bottom plugs for gap che M674. Torqued and secured leads.	compressions. Compressions a ck, testing and checking. No d	as followed: efects noted.	
No oil filter removal and inspection	on due to hours on oil.			
and all engine controls.		7 . 1 . N 1 . C		
5. I certify this engine has been inspecte airworthy condition. Diamond DA20	n. Post run leak check good. No leak d IAW an annual inspection per 14 C C1 annual checklist used as a guide.	TR par 43 appendix D and for	and to be in	
	MAINTENANCE RELEAS			
airworthy for return to service for th		th current FAA regulations and of the repair are on file at this 6/29/2022	d was found agency under	
Signed: 7	3. arston	CRS: R81R199Y		
			,	1
Ó				
C-2018 5 1	15-100	. / ./.		
584531 Engine u	1/3qua45 100w	minual oil+	-	
if new filter	PIN AA48108-2	. Lask check		
ant 1	- A3P 262113	5	, , ,	
They 7/38	HOBBS: 3195.3			
140H; 160.01	7.0805.3173.2			
-1				
5Nov 2022 - RAR	ENGINE DIL WITH 6	QUARTS PHILLIPS 66		
SAE 20W-50 0	2 AND NEW OIL	EKTER WARY9108-2		
1AW FAX 43 N	ATTO 100 ATTO 1843500	(OVANE)		
TACUERA		70-4-10		
TACH: 805.6	+0BBS: 325/.5			
ch 817.3 and curren	who inspection	" IAW FAR.	43 appendix	\mathcal{O}
48173 001	, EAR, F. J'C	whice marine	do ha ai	ounethe.
20759	TAN'S IZEMIE	V THIS ENGINE	10 00 00	act 13.y
3275.9 and certif	V it for return	1 to service.		
	A \$ P 2	621118		
	1-1/	· · · · · · · · · · · · · · · · · · ·		

DATE	TIME R	JN .	TII SINCE O	M E VERHAUL	C,	YCLES	
1 1	HOURS	min	HOUR		S u b Total	TOTAL	INSTALLATIONS, INSPECTIONS
BROUGHT -		-					
27 MAR2	3 R4	R	ENO	1 A C	w 6	lars 1	FILLIOS 66 20W50 OIL AND DIE FILTER
- CAN					7	7	PN=AA48108-2 1AWFAL43, Compresso
							DREPATIONAL CHICK AND LEAK CHIZEK
			126	5			THE 3334. 0 TACH 954. 2 TEMPY A PX 8195
			120				
May 3, 2023	865	0	13	7.3			checked and retorave Prop holts
72,000			.,,				to 26 FT/165 Seott luli 3142227 AH
	Model: Diamo N: C0050	nd DA		Eng M/N: Eng S/N:		3	Tach: 876.2 TTE: 2565.8
F	Reg# N356AF						TSMOH: 148.5
	OW Annual/I	00 hr. (est. 1)	inspection 76/80, 2)74	IAW Dia	mond DA	20-C1 Mainten 80. Drained oil	ance Manual & Single Engine Inspection Guide. Performed and removed filter. Cut filter and inspected filter for metal. There
	vas no metal c	r conta	aminants fo	ound. Insta	lled new f	ilter P/N CH48	108-2. Torqued filter to 18 ft/lb. Serviced engine with 5 quarts timing on magnetos. All AD's are current to 6-16-23. Performed
- n	outine mainter	nance a	and servicin	ng. Run u	p, ops and	leak checks go	od. I certify that this engine has been inspected in accordance
T	he aircraft, airfi	ame, ai	rcraft engine	propeller o	or appliance	identified above	was repaired and inspected in accordance with current Federal Aviation uir(s) are on file at this Facility under the above refagenced Work Order.
		- uppio					Inspector: Set line
D	ate: June 16,	2023					Scott Wilson A&P3142227
	lel: Diamond : C0050	DA20-		g M/N: IC			Tach: 924.5
	# N356AF		En	ig 3/14; 100	00010		TTE: 2614.1 TSMOH: 196.8
							There was no metal or contaminants found. Installed new filter tts Phillips X/C 20W-50 oil. Re-torqued Prop bolts to 25 ft/lds.
The a	nircraft, airfram	e, aircra	ift engine, pr	opeller or a	ppliance ide	entified above wa	s repaired and inspected in accordance with current l'ederal Aviation
Regu	lations and is a	proved	for return to	o service. P	ertinent det	ails of the repair(s) are on file at this Facility under the above referenced Work Order.
Date	: December 1	2, 202	3				Inspector: Scott Wilson A&P3142227
	Model: Diam	ond D	A20-C1	Eng M/	N: IO-240	-B	Tach: 967.7
	S/N: C0050 Reg# N356A			Eng S/N	1: 1006616	5	TTE: 2657.3 TSMOH: 240.0
	•		tion IAW I	Diamond I	DA20-C1	Maintenance M	anual & Single Engine Inspection Guide. Performed Compression
	Test 1)74/80	2)74/	80. 3)75/80	0.4)76/80	. Drained	oil and remove	I filter. Cut filter and inspected filter for metal. There was no metal used filter to 18 ft/lb. Serviced engine with 5 quarts Phillips X/C
	20W-50 oil.	Cleane	d and gapp	ed spark p	lugs. Che	cked timing on	magnetos. All AD's are current to 2-11-24. Performed routine certify that this engine has been inspected in accordance with a 100
	HR inspection	n and	found to be	airworthy	this date.		
	The aircraft, air Regulations an	frame, d is app	aircraft engir	ne, propelle um to servi	r or applian ce. Pertine	ice identified abor nt details of the re	re was repaired and inspected in accordance with current Federal Aviation pair(s) are on file at this Facility under the above referenced Work Order.
							Inspector: Scott lelu
	Date: Februa	ry 11, 2	2024				Scott Wilson A&P3142227
1/1 10 702	1 (0.70						ما الما الما الما الما الما الما الما ا
MARCH 18, 2020	1 1011,7	-					50 hour engine oil change, Dained oil + changed
THIS PAGE				\dashv			Tilter, 69ts cowso Khillips X-C and new true to
PREVIOUS	1			-			P/N CH48108 - 2 and crush washer - (1. Pur ~)1
TOTALS	-	-		-			Filter 6 9ts 20W50 Phillips X-C and new filter PIN CH48108-2 and crush washer-11. Pur mpi no leaks. Man Proceedings of 4923045
SINCE NEW			ı			· ·	CARRY FORWARD to Top of Next Page

)			SI	NAME/ GNATURE	LICENCE: AME or AMO/ACA
Per 19, 2024 1066.8 fach 50.		change. Drain	red oil ro	hanged	
filter. Coats ZUNSU Mill.	ps X-C and new	Fifter P/N	CH48108	-2	
and crush washer -11. [Zun-up no leaks	// 4	, , ,	PC 492304S	/5:00
<u> </u>		TO CATO		406317	(owner
Airframe: Diamon	57.20 62,	sn: C0050; TTA	F: 2549.5		
Engine: TCM: Propeller: MT Prope	TO 240 DOD.	sn: 1006616 Eng1	T: 2754.3;	TSO: 339.0	
Propeller: Sense	enich: mn: 74DM55-5-0-54	sn: A44542 . Dra	TT	TSO: NA TSO: 598.6	
R&R oil w/6 qts, Phillips 2 Safety wired oil filter with	0W50; R&R oil filter with new Temp	est AA48108-2; Cut open &	inspected oil filter	element.	
Surety when on litter with	ed & tested spark plugs. Annealed co		Tach Tin	ne 1066,7	
Re-installed spark plugs w	ith anti-sieze and torqued to 30 ft/II	os.		U	3 _
Compression ck. #1-78/80 Mag Timing Ck. L&R maps), #2-78/80, #3-76/80, #4-78/80.			•	
rabilicated repair to front	at 26 degrees (+/-2 deg.). Tested Sh corner of L/H cylinder #4 baffle usin	2.875" x 1.062"v 0.041" ali	tion. Ok.	0024.T2	
t chornica ruel rigging tes	cocaujustmenty I.A.W. TCM SID97-3				-
Appendix.D & is in airwort	as been inspected I.A.W. a 100hr ins	ection with the scope & de	tail of 14 CFR Part	43	<u> </u>
Michael Tevik A&P28284		Jub 4	/28/20	24	
MAY 29, 2024 1113.1 tach	50 hour engine o	(change D	lio benis	& change	1
filter. 6 gts 20 WS		and new fill			
	O T MINIPS A C	dola new fill	0 1		
and crush washer - 11	kun-up, no 1	exs. Wash	1 /	PPC 4923	
	,	, 07	7.0	(car	w)
	The second secon				
*	AIRCRAFT LOG	BOOK ENTRY	Work Or	der: 36583	
	Aircraft Registration:	Serial Number:	Model:	1	
AVIATION USA	N356AF	C0050	DA20-C1	Page 1	of 1
ł	Aircraft Total Time: 2640.8	Aircraft Land	ings:	Date:	
2	2010.0			6/26/202	4
	201010		1	0/20/202	
1. REMOVED CLEANED AND INSPEC					
ADJUSTED MIXTURE CONTROL F	RIGGING. GROUND RAN EN				
	RIGGING. GROUND RAN EN				
ADJUSTED MIXTURE CONTROL F CONTINENTAL IO-240 MAINTENA	RIGGING. GROUND RAN EN				
ADJUSTED MIXTURE CONTROL F CONTINENTAL IO-240 MAINTENA TACH TIME: 1158.0 HOBBS	RIGGING. GROUND RAN EN INCE MANUAL CHAPTER TIME: 3752.0	GINE AND FOUND N	ORMAL OPERA	ATION. REF	
ADJUSTED MIXTURE CONTROL F CONTINENTAL IO-240 MAINTENA TACH TIME: 1158.0 HOBBS The aircraft, airframe, aircraft engine, p	RIGGING. GROUND RAN EN INCE MANUAL CHAPTER TIME: 3752.0	GINE AND FOUND No	ORMAL OPERA	ATION. REF	nce
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ADJUSTED MIXTURE CONTROL F CONTINENTAL IO-240 MAINTENA TACH TIME: 1158.0 HOBBS The aircraft, airframe, aircraft engine, po	RIGGING. GROUND RAN EN INCE MANUAL CHAPTER TIME: 3752.0 ropeller, or appliance Identi	GINE AND FOUND No	ORMAL OPERA	ATION. REF	nce s
ADJUSTED MIXTURE CONTROL F CONTINENTAL IO-240 MAINTENA TACH TIME: 1158.0 HOBBS The aircraft, airframe, aircraft engine, pi with current Regulations of the Federal	RIGGING. GROUND RAN EN INCE MANUAL CHAPTER TIME: 3752.0 ropeller, or appliance Identi	GINE AND FOUND No	red and insper rn to service.	ATION. REF	s

EMPIRE Aviation USA, 3800 Southern Elvel #503, West Palm Beach, Florida

CRS# 8BQR005D

CRS# 8BQR005D

DATE	TIME RUN		TIME SINCE OVERH	IAUL	CY	CLES	
1 1	HOURS I	nin	HOURS	min	S u b Total	TOTAL	INSTALLATIONS, INSPECTIONS
BROUGHT		A					
July 2,2024	1164.0	ta	ch	, ,		2	50-har o'l change, Drained att + changed Filter. Gegls 20w50 7hillips XC and new Filter P/N CH48108-2 and crosh washer - [1. Run.up, no leaks. May MD - PPC 4923045 (aug.)
	26468			3			Ggts 20w50 Phillips XCand new Filter
(mana)	436.3	75	40H			·	P/N CH48108-2 and crosh washer - 11. Run.up
				,			no leaks. Man of epc 4923045 (ausor)
			Ą	-			
1.0	- 444	7.		y ***			CAR MITTER AND INC. BUT TO THE
							· De la companya della companya della companya de la companya della companya dell
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1,00			10 mg 10 mg				
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							CO.
THIS PAGE TOTALS							
PREVIOUS TOTALS		-					
TOTALS SINCE NEW							CARRY FORWARD to Top of Next Page

Section 3B	: Record of Engine Airworthiness	Directives (A/D) and Service Bulletins
DATE	A/D, S/B, S/I, MODS	DETAILS OF REPAIRS, ADJUSTMENTS, MODIFICATIONS
	 STC's installed: FAA STC SA03373AT : MT- Bi-weekly AWD check carried out to cu 	Prop Serial Number: 12018 Prop Serial Number: 12018 Engine Total Time: 5.5 hrs Im Flight Test Journey Log DAI - Form Q-156): 5.5 hrs
	attached	JUN 2 8 2012
	thispector thispector	date
	-	lly left blank below this point)
	<u>'</u>	
	*	
-	<u> </u>	

DA20-C1 S/N: C0619 REG. N1390A Engine: IO-240-8 8.N: 1006616 Prop: MT 175 R 150-2Ca 8/N: 12018 Diamond Engine Log

		8/11: 12U I			
-	AD THE THE THE	PREY Description	Most Due	Effectivity	method of compliance
400.00		YC AGo	_	1	
	2009 24 52	Royal wear - hydraulic libers	NA	See AD	INA by SN
T.	2000-24-51	Conceded supersected by some to 64	NA	M	NA
×	CF-\$009-40	Non Conformance of Maintenance on Pleton Enginee	NA	.ee 88	NA new engine
*	CF-90 63R2	Erhauel type cockpit heaters, imprycrat at Intervals not to exceed 1 year or 180 flight hours	onwal or 180	a4	NA by TT - new angine
×	F-\$005-023	Figure directionalized by Province Agre Maintenance - supercedes F 2001-139R1 FAA ADE	NA	100 58	NA new engine
-	2010 11 04			A. marine	
	-010 11 04	Rapid weer - hydraulic lifters	lwy .		NA by SN
X	2009 84 52	Rapid wear - hydrautic lifterseuperseded by 2009-24-52	NA	See AD	NA by Man Date
×	2009-24-51	Cancelled - supercoded by 2009-24-52	NA	NA .	NA
-		EARA Ado		Section China	
*	2010 11 04	Repot weer - hydraulic lifters	NA		NA by BN
R	2000-24-52	Rapid wear - hydraulic there superseded by 2009 24-52	NA	See AD	NA by Man Date
X :	1009-24 51	Cancelled - supersected by 2009-24-52 DIA Sille	NA	NA	NA
	PAC1-73 01		Carrie Company		
		Engine Fuel System Improvements		900 SB	NA by Eng MN
K C	AC1-73-03	Installation of an alternate fuel Une	NA		NA by AC SN
x c	AC1-79-04	Engine Fuel System Conversion 8178 to 4 R38		100 58	N/A by model
	AC1-73-05	Operating limits with attitude 1 compensating fuel systems			N/A
X 0	AC1-74-01	Ignition Harness Routing			
N O	AC1-74-02	Starting Vibrator Batery Installation			Incorp During Milg
k 15	AC1-76-01	Mixture Cable Kinking			NA by ACSN
x o	AC1-76-02	Musture Cable routing		Reversed penal only - with GTX	NA NA
x o	AC1-76-03	Installation of Meture Cable for Althude compensating Fuel Pump (for reso ft)	NA.	see S8	NA .
x c	0AC1-76-04	Throttle Cable - Firewall Feed Thru		Reversed penel only - with GTX	NA-equivelent installation
	AC1-79-01	1 Day 10 10 10 10 10 10 10 10 10 10 10 10 10	NA	330	C/W during manufacture
	AC1-79-02	Power Plant Cooling - Opt Oil Filter Bracket Installation	NA NA	see SB	C/W during Milg
	2 20		INA	58	NA by A/C S/N
	TCM \$803-03	TCM Site Oriterential pressure test and bore scope inspection procedures for cylinders			
	TOM SROS-7	TOM IO-240 Series Engine Magneto Driv	100 hr	al	NA .
		Geer - Recurring.	see 58	see \$8	CW by TCM

Eng tech log section 3

Page 1 of 2

DA20-C1 8/N: C0619 REG: N139DA Engine: IO-240-8 S/N: 1008618 Prop: MT 175 R 150-2Ca S/N: 12018

Diamond APONT Engre Log

phoched	AD:1038/88/81	NEV	Description	New Date	Effectivity.	method of compliance
	TCM 9B04-4A		Poplacement of Manifold Valve Spring P/N 830184		*** 88	
*	TCM 9804-7	Π	IO 240 Series Crartishelt Cluster Geer Inspection and replacement —Recurring			CW by TOM
×	TCM 8804-11		Reaming Procedures	At overhead or repetr	140 500	CW by TCM
	TCM 8805-2		Overspeed Limitations - Recurring	se required	*** \$8	No overspeed condition observed during mig
_ x	TCM 8807-9		Infine Fuel Filter Reorientation – IUA	NA.	··· 58	NA by Eng. MN 98 sontains instructions to continued streetfores
	TCM 8808-13		installation of induction hoses and clamps	as regulated	· 50	CAW
 -	TCM SR96-11A		Proposer Strikes and Hydrautic Locks	as recurred	100 SB	NA .
	TCM 5896-7C	_	Torque Limits	as required	1000 SB	CW
x	TCM 81005-7		Teledyne Continental Motors (TCM) Position Tuned Injection Nozzles	es required		CW
x	TCM 81008-4	Т	Teledyne Continental Motors (TCM) — Fuel Injection System Contemination	es requied		NA NA
x	TCM SID07-3A / SID07-10		Procedures and Specifications for Adjustment of TCM Continuous Flow Fuel Injection Systems	NA NA	100 50	
x	TCM SID97-3E	Т	Adjustment of TCM Continuous Flow Fuel Injection Systems	as required	-	CW
x	TCM CS801-1	Т	Fuel Pump Inspection and Seel Leak Test	NA.	see 58	NA NA
×	TCM CSB664	Т	Magneto cepector P/N 10-400558 replacement	NA .	see 58	- MA
X	TCM CSB02-0	_	TCM Ignition System CS8664	NA.	200 SB	NA -
×	TCM C98665	T	Magneto Cepector P/N 10-400615 Inspection and replacement	NA NA	see 58	NA NA
X	TCM CS804-5A	1	TCM Ignition System CSR665	NA	900 SB	- NA
100	C	1	UNISON Sés	+	1	
×	Unison industries S82-06A	T	Inspection of Sick 4300 magnetos	NA .	see 58	NA by SA
×	Unison Industries SB3-06A	Т	Inspection of Sick 4300 magnetos	NA NA	see S8	NA by SN

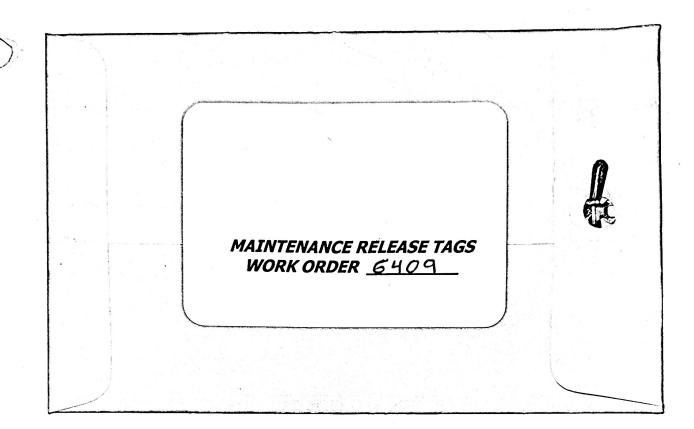
Authorizing Signature Intentionally left blank below that point

JUN 2 7 2012

Page 2 of 2

Eng tech log.section 3

1



Approving Civil Aviation		2 AUIHOR	AUTHORIZED RELEASE	ASE CER	RTIFICATE	\TE	3. Form Tracking Number:	ing Number:
Authority/Country		FAA	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	RTHINESS APPRO)VAL TAG			WO: 6409
FAA/United States	es			ng aprilimentum				8
4. Organization Name and Address:	ddress:	Poplar Grove Air	Poplar Grove Airmotive, Inc				5. Work Order/0	5. Work Order/Contract/Invoice Number WO: 6409
		Poplar Grove , IL 61065	, IL 61065	CRS:	YYBR664L	4		
6. Item:	7. Description:		8. Part Number		9. Quantity	10. Serial Number:		11. Status/Work:
1	Magneto	ente de la companya d	4309		-	12011702		Repaired
					ŀ	11011101		
12. Remarks Performed The work	3 500 hour inspect	Performed 500 hour inspection installing new cam, carbon brush, and contact point assembly. The work specified has been accomplished in accordance with manual #L-1363F Rev 1/11.	am, carbon brush, cordance with ma	, and contac	t point asserr 53F Rev 1/11.	embly.		
Remarks pplar Grov	3 500 hour inspect specified has been e certifies that the wall ready for release to	on installing new co accomplished in ac acceplished in block of the specified in block of the service under EASA Posterior in the service	am, carbon brush, cordance with ma cordance with ma corried o	anual #L-13u anual #L-13u anual #corda	t point ass 53F Rev 1/: 53F Rev 1/: 53F Rev 1/:	embly. 1. SA Part - 145 a	nd in respect	to that work the
Performed The work The work Poplar Grove Airmotive Magneto is considered 13a Certifies the items iden	Performed 500 hour inspection installing new The work specified has been accomplished in lar Grove Airmotive certifies that the work specified in bloc gneto is considered ready for release to service under EASA Certifies the items identified above were manufactured in conformity to:	on installing new caccomplished in acaccomplished in acaccomplished in block in specified in block in the specified in the sp	am, carbon brush, cordance with ma	anual #L-13 anual #L-13 ut in accorda Number: EAS/	act point assembly363F Rev 1/11363F Rev 1/11. dance with EASA Part - 1 .SA,145.6472 14 CFR 43.9 Return to Service t unless otherwise specified in	embly. 1. SA Part - 145 a specified in Block	nd in respect Other reg To the work ide	and contact point assembly. Inual #L-1363F Rev 1/11. It in accordance with EASA Part - 145 and in respect to that work the number: EASA,145.6472 It is a lacer and in respect to that work the number: EASA,145.6472 Certifies that unless otherwise specified in Block 12
Performed The work The work Poplar Grove Airmotive Magneto is considered 13a Certifies the items iden Approved	specified has been specifies that the wall ready for release to tiffed above were manufactured design data and are in a	formed 500 hour inspection installing new care work specified has been accomplished in accemotive certifies that the work specified in block 11 sidered ready for release to service under EASA Partems identified above were manufactured in conformity to:	am, carbon brush, cordance with ma cordance with ma carried o 11/12 was carried o art - 145 Approval N	anual #L-1363 anual #L-1363 ut in accordanc umber: EASA,1 14a × 14 CF certifies that unles	t point ass 53F Rev 1/: 53F Rev 1/: 1,145.6472 CFR 43.9 Retuelless otherwise 1 Block 12 was	F Rev 1/11. F Rev 1/11. F Rev 1/11. F Rev 1/11. Cher regulation specifics otherwise specified in Block 12, the work identified in Block 12 was accomplished in accordance with Title 14, Code	nd in respect X Other reg X other reg Coordance with	to that work the ulation specified in Block 11 ritle 14, Code
Performed The work The work Poplar Grove Airmotive Magneto is considered 13a Certifies the items iden Approved	\$ 500 hour inspect specified has been e certifies that the wall ready for release to tiffied above were manufal design data and are in a specifie	on installing new caccomplished in acaccomplished in acaccomplished in block: rk specified in block: rk specified in block: cervice under EASA Partured in conformity to: condition for safe operation	am, carbon brush, cordance with ma cordance with ma carried o art - 145 Approval N	anual #L-13 anual #L-13 anual #L-13 ut in accorda ut in accorda umber: EAS umber: EAS umber: EAS umber: EAS umber: EAS	t point ass 53F Rev 1/: 53F Rev 1/: 63F Rev 1/: 63F Rev 1/: 63F Rev 1/: 6472 CFR 43.9 Retu 61ess otherwise 61 Block 12 was 61 ations, part 4: 61 turn to service	and contact point assembly. nual #L-1363F Rev 1/11. t in accordance with EASA Part - 145 and in respect to the umber: EASA,145.6472 14a	nd in respect x Other reg x Other reg ccordance with that work, the it	to that work the ulation specified in Block ntified in Block 11 little 14, Code tems are
Performed The work The work Poplar Grove Airmotive Magneto is considered 13a Certifies the items iden 13h Approved Non-appro	rformed 500 hour inspection installe work specified has been accomple work specifies that the work specification for release to service unitems identified above were manufactured in continuous identified above were manufactured in condition for the specified design data and are in a condition for the specified design data specified in Block 13 Non-approved design data specified in Block 13 ignature:	on installing new cam, carbon accomplished in accordance waccomplished in accordance was pecified in block 11/12 was caservice under EASA Part - 145 Apptured in conformity to: ondition for safe operation: in Block 13 13c. Approval Authorization Number:	am, carbon brush, cordance with ma cordance with ma 1/12 was carried o art - 145 Approval N	anual #L-1363F Rev 1/1 anual #L-1363F Rev 1/1 ut in accordance with EA umber: EASA,145.6472 14a	t point ass 53F Rev 1/: 53F Rev 1/: 1,145.6472 CFR 43.9 Retu lless otherwise 1 Block 12 was lations, part 4: turn to service Esignature	Embly. 1. SA Part - 145 a Sha Part - 145 a specified in Block a specified in a and in respect to	nd in respect Cother reg Cordance with that work, the it	nd in respect to that work the Other regulation specified in Block The work identified in Block 11 cordance with Title 14, Code hat work, the items are 14c. Approval/Certificate No.: YYBR664L
Performed The work: The work: The work: Poplar Grove Airmotive Magneto is considered Approved 13a Certifies the items iden Non-appro 13b. Authorized Signature: 13d. Name (Typed or Printed)	\$500 hour inspect specified has been e certifies that the were manufatified above were manufatified above were manufatified above and are in a boved design data specifie	on installing new cam, accomplished in according accomplished in according accomplished in block 11/1 rk specified in block 11/1 ervice under EASA Parttured in conformity to: condition for safe operation: in Block 13 13c. Approval Authorization 13c. Date (dd/mmm/yyy)	am, carbon brush, cordance with ma cordance with ma (1/12 was carried o art - 145 Approval N	anual #L-1363F Rev 1/1 anual #L-1363F Rev 1/1 ut in accordance with EAS umber: EASA,145.6472 14a × 14 CFR 43.9 Return Certifies that unless otherwise s and described in Block 12 was a of Federal Regulations, part 43 approved for return to service. 14b. Authorized/Signature 14d. Name (Typed or Panted): Kyle Donley	t point asser 33F Rev 1/11 33F Rev 1/11 nce with EAS, 1,145.6472 CFR 43.9 Return iless otherwise sy iless ot	I. SA Part - 145 a SA Part in 145 a specified in Block accomplished in avacomplished in	nd in respect to that ward in respect to that ward in respect to that ward in specificate ward in specific in spec	to that work the ulation specified in Block 11 ritle 14, Code rems are Certificate No.: YYBR664L 'mmm/yyyy): 23-Jul-2014

FAA Form 8130-3 (02-14)

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 14b. Authorized Signature: 14c. Approval/Certificate No.: YBR664L 14d. Name (Typed or Printed): 14e. Date (dd/mmm/yyyy): authority to install the aircraft engine/propeller/article. authority different than the airworthiness authority of the authority of the authority accepts aircraft engine(s)/propeller(s)/article(s) from the items are	umber: EASA,145.6472 14a	out in accord Number: EA Number: EA 114a x Certifies that and described of Federal Reapproved for 14b. Authorist 14d. Narper 114d. Narp	The work specified has been accomplished in accordance with manual #L-1363F Rev 1/11 accordance with manual #L-1363F Rev 1/11 be Airmotive certifies that the work specified in block 11/12 was carried out in accordance with EAS, considered ready for release to service under EASA Part - 145 Approval Number: EASA,145.6472 the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation: Approved design data and are in a condition for safe operation: Approved design data specified in Block 13 Non-approved design data specified in Block 13 Non-approved design data specified in Block 13 13c. Approval Authorization Number: 14d. Napa Typed or Printed): 15e. Date (dd/mmm/yyyy) 16d. Napa Typed or Printed): 17d. Napa Typed or Printed): 18d. N	k specified in block 11/12 was calervice under EASA Part - 145 App tured in conformity to: ondition for safe operation: ondition for safe operation: 13c. Approval Authorization Number: 13c. Approval Authorization Number: User/Insta ocument alone does not automatically continent alone does not automatically continents alone does not automatically continents alone does not automatically continents. 1. Statements in Blocks 13a and 14a dor 1. Statements with the national regulations by the	Poplar Grove Airmotive certifies that the work specified in block 11/12 was carried out in accordance with EASA Part - 145 and in res. Magneto is considered ready for release to service under EASA Part - 145 Approval Number: EASA,145.6472 13a Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation: Approved design data specified in Block 13 Approved design data specified in Block 13 Authorized Signature: 13b. Authorized Signature: 13c. Approval Authorization Number: 13d. Name (Typed or Printed) 13e. Date (dd/mmm/yyy) 13d. Name (Typed or Printed) 13e. Date (dd/mmm/yyy) 13d. Name (Typed or Printed) 13e. Date (dd/mmm/yyy) 13e. Date (dd/mmm/yyy) 13e. Date (dd/mmm/yyy) 14e. Date (tis important to understand that the existence of this document alone does not automatically constitute authority to fine alicraft engine/propeller/article. where the user/installer performs work in accordance with the national regulations of and ainworthness authority accepts aircraft engine/propeller(s)/article(s) from the country specified in Block 1. Statements in Blocks 13 and 14a do not constitute certification. In all cases, aircraft maintenance records not and an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.	Poplar Grove Airmotive Magneto is considered I 13a Certifies the items identi 13a Certifies the items identi Approved Non-approved 13b. Authorized Signature: 13d. Name (Typed or Printed) 13d. Name (Typed or Printed) Where the user/installer performust contain an installation ce
ited in Block 12, the work identified in Block 11 plished in accordance with Title 14, Code n respect to that work, the items are 14c. Approval/Certificate No.: YYBR664L 14e. Date (dd/mmm/yyyy): 23-Jul-2014	dance with EASA P SA,145.6472 14 CFR 43.9 Return to 9 unless otherwise speci d in Block 12 was accon gulations, part 43 and i return to service. red Signature: red or Printed): Kyle Donley es	out in accord Number: EA 14a × Certifies that and described of Federal Re approved for 14b. Authoria 14d. Narper	cordance with n 11/12 was carried art - 145 Approval arright and the second arright arright and the second arright arright and the second arright a	k specified in block ervice under EASA pured in conformity to: ondition for safe operation Block 13 13c. Approval Authorate 13e. Date (dd/mmm	e certifies that the work ready for release to se tified above were manufactured design data and are in a cooved design data specified in	oplar Grove Airmotiv Aagneto is considered as Certifies the items ider Approve Non-approve Non-approve Non-approve Non-approve Name (Typed or Printe)
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ied in Block 12, the work identified in Block 11 splished in accordance with Title 14, Code n respect to that work, the items are	AS esquen	out in accord Number: EA 14a × Certifies that and described of Federal Re	cordance with n 11/12 was carried art - 145 Approval on	k specified in block ervice under EASA Fured in conformity to:	e certifies that the work I ready for release to se itified above were manufact	oplar Grove Airmotiv Aagneto is considered Certifies the items idei Approve
fied in Block 12, the work identified in Block 11 splished in accordance with Title 14, Code	AS AS	out in accord Number: EA 144a × Certifies that and described	cordance with n 11/12 was carried art - 145 Approval arn - on	k specified in block ervice under EASA Furred in conformity to:	e certifies that the work ready for release to se tified above were manufact	oplar Grove Airmotiv Aagneto is considerec 3a Certifies the items ide
fied in Block 12, the work identified in Block 11	AS	out in accord	cordance with n 11/12 was carried art - 145 Approval	k specified in block ervice under EASA Furred in conformity to:	e certifies that the work I ready for release to se	oplar Grove Airmotiv Magneto is considered Griffes the items ide
	S S	out in accord	cordance with n 11/12 was carried art - 145 Approval	k specified in block ervice under EASA F	e certifies that the work I ready for release to se	oplar Grove Airmotiv Aagneto is considered
to Service Chher regulation specified in Block 12	AS	out in accord	cordance with n 11/12 was carried art - 145 Approval	k specified in block	e certifies that the work	oplar Grove Airmotiv Magneto is considerer
11121139 Repaired mbly. 1.	1 1112 act point assembly. 363F Rev 1/11.	h, and cont	4310 am, carbon brus	installing new ca	Magneto 4310 1 Performed 500 hour inspection installing new cam, carbon brush, and contact point asse The work specified has been accomplished in accordance with manual #L-1363F Rev 1/1.	12. Remarks Performed The work s
10. Serial Number: 11. Status/Work:	9. Quantity 10. S		8. Part Number		7. Description:	6. Item:
	CRS: YYBR664L	CR	, IL 61065	Poplar Grove , IL 61065		
WO: 6409		1	76	11619 Route 76		
5. Work Order/Contract/Invoice Number		7	Poplar Grove Airmotive, Inc	Poplar Grove	dress:	Organization Name and Address:
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WO: 6409	PROVAL TAG	ORTHINESS AP	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	FA		Authority/Country
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