

1-16

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

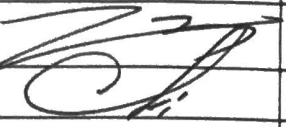
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

DA
Q 42

M744025



A DIAMOND 25 HR AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION *R. S. G.* AND 12227364

DIAMOND 100HR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION *R. S. G.* 12227364

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Diamond AIRCRAFT AUTHORIZED SERVICE CENTRE

XU Aviation Ltd.
2537 Huron St.
London, Ontario
Canada N5V 5J1

AMO 24-88

W/O: 4789
N 465US
Type: DA 20-C1
S/N: C0405
Date: April 3, 2008
TTSN: 110.2

General

- all work carried out in accordance with DA20 AMM unless indicated otherwise
- Hard landing & prop strike check carried out per Ch 05-50-00

Engine and Engine Installation

- Installed factory remanufactured Cont. IO-240-B3B s/n 824593-R
- Engine fuel system converted from B17B to B3B in accordance with Diamond SB DAC1-73-04 Rev2
- Installed the following new parts:
- propeller W69EK-63G, S/N AH3231 installation in accordance with Sensenich Doc# W69EK7-CF Rev.F
- muffler assembly, DC0001B
- induction air assy., 22-7301-02-00
- lower cowling, 22-7111-13-00
- spinner assy. complete including:
- cap C2389
- rear bulkhead C2397
- front bulkhead C2388
- fuel press transducer 22-2840-50-00
- oil press sender 360-086B
- oil press switch 020-305-P
- oil temp sender 323-095B
- Repaired upper cowl
- Fuel pressure set up in accordance with SID 97-3D

- 100 hour inspection carried out to aircraft

Compass swing performed

FOR	N	30	60	E	120	150
STEER	001	033	063	091	120	149
FOR	S	210	240	W	300	330
STEER	179	211	245	273	300	331

"The maintenance described above has been performed in accordance with the applicable standards of airworthiness"

- recheck propeller bolt torque after first flight in accordance with Sensenich Doc# W69EK7-CF Rev.F

- Fuselage**
- Installed the following new parts:
 - T-panel, 22-5310-40-00
 - L & R floor panels, 22-5310-41-00 & 22-5310-42-00
 - center tunnel, 22-5310-52-00
 - fwd cont. bulkhead, 22-5310-40-00
 - NLG assy comp. 22-3220-00-00CS
 - Strut, MLG, RH 22-3213-00-02P
 - Repaired skin between firewall upper edge and canopy
 - Repaired belly skin around NLG
 - Replaced forward rudder cables

- Right Wing**
- Repaired upper skin 40 cm from root by scarfing and laminating

- Paint**
- Repainted affected areas

- Assembly**
- Aircraft reassembled
 - Static system leak checked
 - Independent check of flight and power controls affected

Independent check signature

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

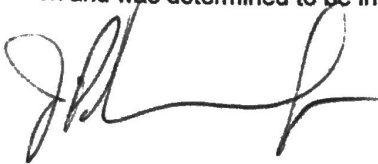
LICENCE
NUMBER

337 FORM & 24-0078 FORMS (8130-3 EQUIV)
BEHIND THIS VOLUME IN 3 HOLE SHEET PROTECTOR.

N465US
DA20-C1
S/N C0405

April 5, 2008
TACH: 110.2
HOBBS: 136.8

"I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition"



John Polonenko IA 2313481

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

✦ SPERRY AIRCRAFT AUTHORIZED SERVICE CENTRE

XU Aviation Ltd.
2537 Huron St.
London, Ontario
Canada N5V 5J1

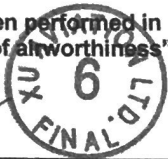
AMO 24-88

W/O: 4789
Type: DA20-C1
S/N: C0405
Date: April 10, 2008
TTSN: 111.0

- Checked propeller torque in accordance with Sensenich Doc# W69EK7-CF Rev.F
- Next due 135.0 Hrs
- Replaced vacuum gauge p/n 5001
- Engine difficult to start, replaced manifold valve with P/N 656151-1A5M, S/N C06AA198, fuel pressures set up in accordance with SID 97-3D
- Test flight required to check engine operation

"The maintenance described above has been performed in accordance with the applicable standards of airworthiness"

[Signature]



✦ Diamond AIRCRAFT AUTHORIZED SERVICE CENTRE

XU Aviation Ltd.
2537 Huron St.
London, Ontario
Canada N5V 5J1

AMO 24-88

W/O: 4855
Type: DA20-C1
S/N: C0405
Date: April 18, 2008
TTSN: 112.3

- Engine difficult to start, reinstalled original manifold valve P/N 656151-1A5M, S/N C07JA056R
- Replaced fuel pump p/n 653351-3A5, s/n B08AA086
- Fuel pressures set up in accordance with SID 97-3D
- Test flight required to check engine operation
- Wings and tailsurfaces reinstalled.
- Static system leak checked
- Independent check of controls affected

"The maintenance described above has been performed in accordance with the applicable standards of airworthiness"

[Signature]



[Signature]



APR 18, 2008	0	5	112	8	ENGINE OPERATION NORMAL
					<i>[Signature]</i> CA12718
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
Tach: 173.2 May 16 2008 Installed new R/H main tire with Airhawk 500X 5.6pr tire. I certify this aircraft for return to service with respect to work performed. R.Strong AP3301566		
Tach: 207.3 TT: 207.3 6/6/2008 -Inspected ELT 91.207d -Inspected and weighed fire extinguisher. I certify this airframe was inspected IAW a diamond MM 100/200hr inspection and determined to be in airworthy condition. R.Strong AP3301556		
Tach 306.7 TT 306.7 July 22, 2008 Installed LH window scoop 301.12.0077 Installed main tires 500x5 Air-Hawk Installed new brake pads 4-RA66-106 I certify this aircraft was inspected iAW a DA-20 AMM 100hr. inspection and determined to be in airworthy condition R.Strong AP 3301556		
N465US Tach: 397.6 TT: 397.6 Aug 30 ^{Sept 1} 2008 I certify this airframe has been inspected IAW a Daimond MM 100/200hr inspection and determined to be in airworthy condition. R.Strong AP3301556		
Tach: 464.6 N465US Oct. 3 2008 Installed 4 new RA66-106 brake linings Inspected IAW a 50hr. inspection and determined to be in airworthy condition. R.Strong AP3301556		

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
					Tach: 502.4 N465US January 8 2009 I certify this airframe has been inspected IAW a DA-20 AMM 100hr. inspection and determined to be in airworthy condition. R.Strong AP3301556
					Tach: 502.4 N465US January 9,2009 Installed new ELT battery P/N GS 52. Replacement date 12/20/2010. Inspected IAW FAR 91-207(d)1-4. Return to service. R.Strong AP3301556

MAKE: DIAMOND
 MODEL: DA-20-C1
 S/N: C0405
 REG. NO: N465US
 WORK ORDER: Provo733-02-2009

Million Air-Provo
 3421 Mike Jense Parkway
 Provo, UT 84601
 Phone: 801 898-8898

DATE: 2/27/2009
 A/C TSN: 515.4
 TACH: 0.1

Airframe Entries

INSTALLED (2) CUSTOMER SUPPLIED CORNERSTONE AVIATION PLACARDS ON RH AND LH VERTICAL STAB...
 REMOVED LEFT BRAKE ASSEMBLY, CLEANED AND LUBED GUIDE PINS, REINSTALLED IAW DA-20 M.M.
 OPERATIONAL CHECK SATISFACTORY... TROUBLESHOT LOW ENGINE RPM, REMOVED DEFECTIVE TACH P/N:
 SL1010-55003-13-H, S/N: 0353 AND INSTALLED NEW TACH P/N: SL1010-55003-13-H IAW DA-20 M.M. OPERATIONAL
 CHECK SATISFACTORY.

DATE: 2/27/2009 SIGNED: Work Order: Provo733-02-2009
 bhallsted, IA: A&P508137805IA Printed by EBis 3 (datcomedia.com)

MAKE: DIAMOND
 MODEL: DA-20-C1
 S/N: C0405
 REG. NO: N465US
 WORK ORDER: Provo759-04-2009

Million Air-Provo
 3421 Mike Jense Parkway
 Provo, UT 84601
 Phone: 801 898-8898

DATE: 4/17/2009
 A/C TSN: 529.6
 TACH: 14.1

Airframe Entries

AIRCRAFT ANNUAL INSPECTION C/W IAW DIAMOND DA-20 INSPECTION CHECKLIST AIRCRAFT APPROVED FOR
 RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ELT OPERATIONAL CHECKED
 SATISFACTORY IAW FAR 91.207D. BATTERY EXPIRATION DATE: 12/20/2010... C/W AD RESEARCH USING ATP V
 CONTENT REVISION 4/8/2009. NO APPLICABLE AD'S AT THIS TIME AND

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 4/17/2009 SIGNED: Work Order: Provo759-04-2009
 bhallsted, IA: A&P508137805IA Printed by EBis 3 (datcomedia.com)

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

MAKE DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO. N465US
WORK ORDER:
Provo776-05-2009

Million Air-Provo

3421 Mike Jense Parkway
Provo, UT 84601
Phone 801 898-6898

DATE: 5/5/2009
A/C TSN: 579.6
TACH: 64.1

Airframe Entries

C/W 50 HOUR INSPECTION IAW DIAMOND DA-20 M.M. AND CHECKLIST. GROUND RUN-UP AND LEAK CHECK SATISFACTORY.

DATE: 5/5/2009 SIGNED: *R. Hallsted* Work Order: Provo776-05-2009
bhallsted, IA: A&P508137805IA Printed by EBis 3 (datcomedia.com)

MAKE: DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO: N465US
WORK ORDER:
Provo807-07-2009

Million Air-Provo

3421 Mike Jense Parkway
Provo, UT 84601
Phone: 801 898-6898

DATE: 7/23/2009
A/C TSN: 602.4
TACH: 87.4

Airframe Entries

AIRCRAFT 100 INSPECTION C/W IAW 43.13 APPENDIX D. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ELT OPERATIONAL CHECKED SATISFACTORY PER FAR 91.207 d. BATTERY EXPIRATION DATE DEC 2010.... AD SEARCH CW BY USING ATP DATED 4-25-2009.

DATE: 7/23/2009 SIGNED: *R. Hallsted* Work Order: Provo807-07-2009
bhallsted, IA: A&P508137805IA Printed by EBis 3 (datcomedia.com)

MAKE DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO. N465US
WORK ORDER: 19988

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone : 801 359-2085

DATE: 2/1/2010
A/C TSN: 700
TACH: 184.6

Airframe Entries

AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ELT OPERATIONAL CHECKED SATISFACTORY IAW FAR-91.207D. BATTERY EXPIRATION DATE DEC 2010... AD SEARCH C/W USING ATP REVISION 02/10/10. SEE AD REPORT PRINTED 02/01/10.... RESECURED TACHOMETER DRIVE CABLE... UPPER FORWARD SCAT TUBE RESECURED TO PREVENT FURTHER CHAFFING... SERVICABLE DUST BOOT INSTALLED ON MIXTURE CONTROL CABLE.... ALTERNATOR BELT TENSION ADJUSTED AS NECESSARY.... INDUCTION AIR FILTER REMOVED AND REPLACED WITH A NEW FILTER P/N BA235E.... THROTTLE CONTROL CABLE DUST BOOT REPLACED WITH SERVICABLE BOOT.... STARTER/VIBRATOR BATTERY TWO YEAR TIME CHANGE C/W BY REMOVAL AND INSTALLATION OF A NEW BATTERY P/N LC-R121R3PU.... CENTRAL GYRO FILTER REMOVED AND REPLACED WITH A NEW FILTER P/N RA-D9-18-1 AND VAC. RELIEF FILTER REMOVED AND REPLACED WITH A NEW FILTER P/N RA-B3-5-1.... AIRCRAFT FLIGHT MANUAL UPDATED TO THE MOST CURRENT REVISION # 24 DATED 04/16/09.... AIRCRAFT WEIGHT AND BALANCE SHEET CHANGED TO REFLECT WHEEL FAIRING REMOVAL.... LEFT BRAKE PADS REMOVED AND REPLACED WITH NEW BRAKE PADS P/N RA-66-106. LEFT BRAKE DISC REMOVED AND REPLACED WITH A NEW DISC P/N 164-24200. TORQUED WHEEL HALF HARDWARE TO 90 IN. LBS.... RIGHT BRAKE PADS REMOVED AND REPLACED WITH NEW BRAKE PADS P/N RA-66-106. RIGHT BRAKE DISC REMOVED AND REPLACED WITH A NEW DISC P/N 164-24200. TORQUED WHEEL HALF HARDWARE TO 90 IN. LBS.... NLG WHEEL AND TIRE ASSY REMOVED. DISASSEMBLED AND REMOVED TIRE P/N 504C61-2 S/N 73430304 AND INSTALLED NEW TIRE 5.00-4 P/N 504C61-2, S/N 82600083 AND REASSEMBLED AND REINSTALLED WHEEL AND TIRE ASSY... BATTERY P/N M6250H REMOVED AND INSTALLED NEW BATTERY P/N LC-R121R3P. OPERATIONAL CHECKED SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 19988

DATE: 2/1/2010 SIGNED: *Jimmy P. Ray* Work Order: 19988
Ray
Certified Repair Station No. K5SR339N Printed by EBis 3 (datcomedia.com)

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AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

'Flight-Deck Avionics, LLC' 369 N. 2370 W. Suite 102, Salt Lake City, UT 84116		CRS# F62R677Y	Form No. FD-009																																				
Tail #: N465US	Mfg: Diamond	Model: DA20-C1	Serial: C0405																																				
This Is A Permanent Logbook Entry:		Performed tests and inspections in accordance with FAR 43 :	<input checked="" type="checkbox"/> Appendix E to comply with FAR 91.411 <input checked="" type="checkbox"/> Appendix F to comply with FAR 91.413																																				
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>UNIT</th> <th>MFG</th> <th>MODEL</th> <th>PART #</th> <th>SERIAL #</th> <th>TEST ALTITUDE</th> </tr> </thead> <tbody> <tr> <td>Altimeter 1</td> <td>United Instru</td> <td>20K A.130</td> <td>5934PD-3</td> <td>457262</td> <td>20K</td> </tr> <tr> <td>Altimeter 2</td> <td>NA</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Encoder/ADC</td> <td>TCI</td> <td>SSD120</td> <td>SSD120-30A</td> <td>A67291</td> <td>20K</td> </tr> <tr> <td>Transponder 1</td> <td>Garmin</td> <td>GTX 327</td> <td>011-00490-00</td> <td>83726033</td> <td>20K</td> </tr> <tr> <td>Transponder 2</td> <td>NA</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UNIT	MFG	MODEL	PART #	SERIAL #	TEST ALTITUDE	Altimeter 1	United Instru	20K A.130	5934PD-3	457262	20K	Altimeter 2	NA					Encoder/ADC	TCI	SSD120	SSD120-30A	A67291	20K	Transponder 1	Garmin	GTX 327	011-00490-00	83726033	20K	Transponder 2	NA				
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Transponder 2	NA																																						
Details are on file at this station under work order no. 1429.																																							
Signed: <u>Matth Duke</u>		Date: <u>02/01/10</u>																																					
(CRS# F62R677Y)		Recertification Due: <u>02/2012</u>																																					

MAKE: DIAMOND
 MODEL: DA-20-C1
 S/N: C0405
 REG. NO: N465US
 WORK ORDER: 20154

Million Air - Salt Lake City
 Repair Station No. K5SR339N
 303 N 2370 W
 Salt Lake City, Utah 84116
 Phone: 801 359-2085

DATE: 3/5/2010
 A/C TSN: 715 9
 TACH: 200 5

Airframe Entries

R/H MLG TIRE REMOVED P/N 505C66-5, S/N 70290057, TYPE: GOODYEAR FLIGHT CUSTOM III, AND MODEL: 5.00-5-6 PLY AND REPLACED WITH A NEW TIRE P/N 505C66-5, S/N 90560013, TYPE: GOODYEAR FLIGHT CUSTOM III AND MODEL: 5.00-5-6 PLY. WHEEL HALF HARDWARE TORQUED TO SPECS., SERVICED TIRE PRESSURE TO 33 PSI, AND LUBRICATED BEARINGS WITH AEROSHELL 28. REINSTALLED R/H MLG WHEEL ASSEMBLY AND SAFETIED AXLE NUT. LEAK CHECK SATISFACTORY. REF: DIAMOND DA20-C1 MM 32-40-00.... TROUBLESHOT THE ENGINE NOT STARTING TO THE FUEL PUMP BEING INOP. REMOVED PUMP P/N 5367-00-1 AND S/N 0633 AND INSTALLED OVERHAULED PUMP P/N 5367-00-1 AND S/N 0211. PUMP OVERHAULED BY DULES INC CRS # WJ2R279L UNDER THEIR W.O. 28784BM DATED 03/19/09. LEAK AND OPERATIONAL CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20154

DATE: 3/5/2010 SIGNED: Jimmy P Ray Work Order: 20154
 jray
 Certified Repair Station No. K5SR339N Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

13

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

MAKE: DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO: N465US
WORK ORDER: 20450

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 5/17/2010
A/C TSN: 744 8
TACH: 229 4

Airframe Entries

INSPECTED THE BRAKE SYSTEM PER CUSTOMER REQUEST. TIGHTENED LT/RT BRAKE CALIPER PRESSURE PLATE BOLTS. OPERATIONAL CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20450

DATE: 5/17/2010

SIGNED:



Work Order: 20450

jrj
Certified Repair Station No. K5SR339N

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MAKE: DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO: N465US
WORK ORDER: 20669

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 7/12/2010
A/C TSN: 769
TACH: 253 6

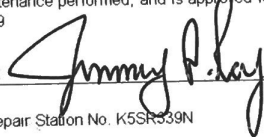
Airframe Entries

TROUBLESHOT FLAP SYSTEM, REMOVED FLAP CONTROL BOX, DEPINNED, CLEANED, RE-PINNED, REMOVED INSTRUMENT GLARESHIELD, CHECKED WIRE HARNESS, RE-INSTALLED GLARESHIELD, INSTALLED CONTROL BOX, OPERATIONAL CHECK SATISFACTORY IAW DA-20-CI M.M. CHAP 27-5-00 PAGE 101.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20669

DATE: 7/12/2010

SIGNED:



Work Order: 20669

jrj
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

MAKE: DIAMOND
MODEL: DA-20-C1
S/N: C0405
REG. NO: N465US
WORK ORDER: 20734

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 7/29/2010
A/C TSN: 784 4
TACH: 269

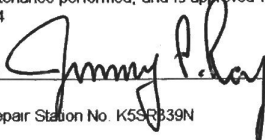
Airframe Entries

LEFT HORIZONTAL STABILATOR LEADING EDGE SCRATCHES AND CHIPS REPAIRED PER DIAMOND DA20 AMM CHAPTER 51-20-00.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20734

DATE: 7/29/2010

SIGNED:



Work Order: 20734

jrj
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

MAKE DIAMOND
MODEL DA-20-C1
S/N C0405
REG NO N465US
WORK ORDER 20936

Million Air - Salt Lake City

Repair Station No K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 9/15/2010
A/C TSN 795.4
TACH 280

Airframe Entries

AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... ELT OPERATIONAL CHECKED SATISFACTORY IAW FAR 91.207D. BATTERY EXPIRATION DATE DEC 2010.... AD SEARCH CW USING ATP REVISION 09/10/10. SEE AD REPORT PRINTED 09/15/10.... AIRCRAFT LUBRICATION CW.... RE-ATTACHED CO-PILOT SPIT WINDOW LOWER SUPPORT BRACKET.... INDEXED FUEL LINES AND BLACK LINE NEXT TO FIREWALL R/H SIDE TO PREVENT FURTHER CHAFFING.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No 20936

DATE: 9/15/2010

SIGNED:

Jimmy P. Ray
jrj
Certified Repair Station No. K5SR339N

Work Order: 20936

Printed by EBis 3 (datcomedia.com)

'Flight-Deck Avionics, LLC'		369 N. 2370 W. Suite 102, Salt Lake City, UT 84116	CRS# F62R677Y	Form No. FD-007
Tail #: N465US	Mfg: Diamond	Model: DA 20-C1	Serial: C0405	
This is A Permanent Logbook Entry:				
Troubleshoot transponder inop after takeoff. Inspected wiring, coax, and antenna. Found unit not in mounting tray all the way. Tightened up unit in tray and ground tested IAW FAR 43, Appendix E (c) and F to comply with 91.413. No defects noted.				
The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 1564.				
Signed: <i>Math Dole</i>		Date: <u>09/07/10</u>		
(CRS# F62R677Y)				

MAKE DIAMOND
MODEL DA-20-C1
S/N C0405
REG NO N465US
WORK ORDER 21069

Million Air - Salt Lake City

Repair Station No K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 10/13/2010
A/C TSN 819.5
TACH 304.1

Airframe Entries

MAIN AND NOSE WHEEL FAIRINGS INSTALLED AND WEIGHT AND BALANCE RECALCULATED FOR CHANGES.... MAIN TIRE SERVICED TO 36 PSI AND NOSE TIRE TO 26 PSI.... COMPASS CARD REPRINTED LEGIBLE.... ALL EXHAUST GASKETS REMOVED AND REPLACED WITH NEW GASKETS P/N RA630365. OPERATIONAL AND LEAK CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No 21069

DATE: 10/13/2010

SIGNED:

Jimmy P. Ray
jrj
Certified Repair Station No. K5SR339N

Work Order: 21069

Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

1-16

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER



Boxell Aerospace Company
2700 Fort Trenholm Rd.
Johns Island, SC 29455
843-860-4486

AF Page: 1 of 1

AC: Diamond DA-20
ACTT: 851.7
#1 Eng Type: IO 240-B(3)
#2 Eng Type: N/A

REG: N465US
Cycles: N/A
#1 ENG S/N: L-12135-61A
#2 ENG S/N: N/A

AC S/N: C0405
WO: 10-0121
#1 ENG TT: 741.5(SMOH)
#2 ENG TT: N/A

Hobbs: 1053.8
Date: 2/15/2011
#1 ENG TACH: 336.3
#2 ENG TACH: N/A

Complied with the following inspections / Tasks:
-50hr inspection IAW Diamond MM CH 05-20-00

Maintenance Items:
-Removed Propeller PN W69EK7-63G SN AH3231. Installed same propeller after repair by Sensenich Propeller See 8130 dated Feb 10, 2011 WO # R011011-3. All work accomplished IAW Diamond DA-20 MM CH 61 and Sensenich document # W69EK6-CF Rev F.
-Removed LH main tire. Inspected and lubed LH wheel bearing. Installed new serviceable LH main tire PN 301-016-006 500X5 6PR Good Year FLC III TT (6). Performed leak check. No leaks found. Performed Taxi ops check. Ops check good.

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service.

Lance E. Syner
AP28188471A



Boxell Aerospace Company
2700 Fort Trenholm Rd.
Johns Island, SC 29455
843-480-3756

AF Page: 1 of 1

AC: Diamond DA-20
ACTT: 853.2
#1 Eng Type: IO 240-B(3)
#2 Eng Type: N/A

REG: N465US
Cycles: N/A
#1 ENG S/N: L-12135-61A
#2 ENG S/N: N/A

AC S/N: C0405
WO: 11-0084
#1 ENG TT: 743.0(SMOH)
#2 ENG TT: N/A

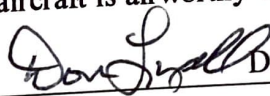
Hobbs: 1056.2
Date: 6/22/2011
#1 ENG TACH: 337.8
#2 ENG TACH: N/A

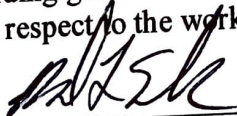
Complied with the following inspections / Tasks:
-CW Airframe, Engine, and Propeller Annual / 100 hour inspection per FAR 43 Appendix D using Diamond DA-20 MM checklist as a guide
-CW FAR 91.207 (d) ELT inspection. Replaced battery PN GS-52. **NEW ELT BATT Expiration: Jun 2013**
-Performed AD research through 6/20/2011. See TDATA checklist dated 6/20/2011.

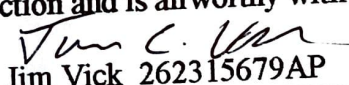
Maintenance Items:
-Removed Propeller and alternator belt. Installed new serviceable belt PN 10A0735. Re-installed propeller per Sensenich document # W69EK6-CF Rev F. Re-torque due after first flight, 25hrs TIS, and every 50hrs TIS
-Re-positioned vacuum gauge in same hole and tightened bezel. **did not disturb vacuum connection
-Cleaned corrosion on Davtron Digital clock and replaced battery with new serviceable battery PN MN1500. Ops check good.
-Repaired LH and RH wing to fuselage seal with 3M 8671-4 tape.
-Replaced RH main tire tube with new serviceable tube PN 092-308-0 5.00X5. Performed leak check. No leaks found.
-Stop drilled surface crack in gel coat on fuselage in canopy seal area LH side and filled with epoxy.
-Stop drilled crack in aft LH side of nose wheel pant.
-Replaced LH and RH brake pads with 2 each side new serviceable pads PN 066-10600 using new rivets PN 105-00200.

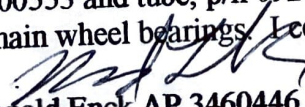
The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service.

Lance E. Syner
AP28188471A

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#465US TACH: (old) 386.5 (new) 000 DATE: 7/6/2011
At 386.5 (old tach) removed tachometer P/N SL1010-55003-13-H05 S/N 0761 and installed new tach P/N SL1010-55003-13-H05 reading 000. Removed all wheel fairings and calculated new weight and balance. Drained oil checked filter for metal none found installed new filter P/NCH48108-1 and added 6qts Phillips 20W-50. Performed run up, checked for leaks none found. Removed cracked alternator bracket and installed ^{serviceable} used bracket P/N 22-2412-14-00. I certify this aircraft is airworthy with respect to the work performed.
WO# 11-4028  Don Lyall AP3396518

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#: 465US TACH: 49.5 AFTT: 951.4 DATE: 8/18/2011
Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new induction and vacuum regulator filters. Removed and cleaned fuel nozzles and reinstalled. Replaced RH window vent. Replaced right and left brake linings. Replaced o-ring in right brake and bled right brake. Cleaned fuel bowl and installed new o-ring. Adjusted canopy latch force by adding shims. Replaced nose gear shock assembly dampers and spacers, reinstalled and safetied. Replaced pivot stops on nose landing gear. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.
W/O: 11-4114  Ronald Enck AP pending

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#: 465US TACH: 149.4 AFTT: 1051.3 DATE: 1/12/2012
Completed 100 Hour Inspection I/A/W FAR 43 Appendix D requirements using manufactures checklist. Charged and serviced battery. Replaced l/h & r/h wheel brake linings p/n 066-10600. C/W Diamond SIL 20C1-005 dated 10/7/10 and SAIB CE-12-09 dated 12/22/2011. Inspection of nose gear fork for cracks. 1 defects noted at this time. Removed water from stall warning tubing and replaced warning horn reed p/n 50488-1. Installed 2 nutplates in aft side of baggage compartment. Replaced Vacuum air filter. C/W SID9 3 REV. E revised 6/17/2008 fuel system pressure check, found ok at this time. I certify that this AIRCRAFT has been inspected I/A/W a 100 hr Inspection and is airworthy with respect to the work performed. Aircraft returned to service.
W/O# 12-4318  Jim Vick 262315679AP

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#: 465US TACH: 200.2 DATE: 2-20-2012
Installed new L/H tire p/n 072-312-0, s/n 0354S00553 and tube, p/n 092-308-0. Installed serviceable tire to right main, from the left side. Re-packed both main wheel bearings. I certify that this Airframe is airworthy with respect to the work performed.
W/O: 12-4375  Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333
N465US TACH: 0201.7 HOBBS: 1388.2 DATE: 2/22/2012
Tested pitot/static system per 14CFR43, Appendix E. This system complied with the requirements of 14CFR91.411 for non-pressurized aircraft. System was tested to 20,000'.
Tested transponder system per 14CFR43, Appendix F. This system complied with the requirements of 14CFR91.413.
Transponder is Garmin International GTX 327, p/n 011-00490-11, s/n 83726033, mods basic.
I certify that this Airframe is airworthy only with respect to the work performed.

Details on file   Dewey baker for CRS V56R854K

Manufactures Maintenance Manual checklist as a guide. Replaced white nav light in right wing, p/n B3-5-1. Installed new landing light, p/n 01-0770346-00. Replaced grommet on left brake line, p/n MS3548967-9. Stop drilled crack in lower fin guard. Replaced right and left brake linings, p/n 066-10600, and removed corrosion from calipers. Replaced left outer wheel bearing, p/n 08128-20629 and cup, p/n 08231-20629 and repacked main wheel bearings. Re-bonded brake line clamp to gear leg. Cleaned fuel bowl and installed new o-ring. Adjusted nose wheel castor friction IAW DA-20 C1maint manual. C/W SIL 20C1-005 dated 10-7-2010. No cracks seen at this time. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.

W/O: 12-4406

Ronald Enck
Ronald Enck AP3460446

JRE LICENCE NUMBER

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: 465US TACH: 260.3 DATE: 4-4-2012
Found broken wire at 2-pin connector on alternator. Spliced wire and re-paired. I certify that this Airframe is airworthy with respect to the work performed.

W/O: 12-4430

Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: 465US TACH: 300.3 DATE: 4-27-2012
Replaced nose and r/h/ main tires IAW DA20-C1 maint. manual.
I certify that this aircraft is airworthy with respect to the work performed.

WO# 12-4469

Jim Vick
Jim Vick 262315679AP



Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: N465US TACH 312.3 AFTT: 1214.2 DATE: 5/3/12
Installed overhauled directional gyro per diamond MM Chapter 34-30-00. Operational checks normal. P/N 1U262-001-39 S/N off T72408Q S/N on T58311L. Overhauled unit performed by Mid continent inst FAA repair station CRS OL2DO61L under work order wrk0192436.
I certify that this AIRCRAFT is airworthy with respect to the work performed. Aircraft returned to service.

W/O# 12-4483

Rodney G Harris
Rodney G Harris 3087913 A&P

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: 465US TACH: 337.6 DATE: 5-10-2012
Installed serviceable battery ops. Check good. Installed serviceable nose strut assembly. IAW Diamond DA20-D1 maint. manual.
I certify that this aircraft is airworthy with respect to the work performed.

WO# 12-4500

Jim Vick
Jim Vick 262315679AP

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: 465US TACH: 348.9 AFTT: 1250.8 DATE: 5/16/2012
Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new battery, p/n BTX24HL. Installed new left main tire, p/n 072-312-0, s/n 1180S00529. Replaced vacuum regulator filter, p/n B3-5-1. Replaced right and left brake linings, p/n 066-10600, and removed corrosion from calipers. Repacked main wheel bearings. Cleaned fuel bowl and installed new o-ring, p/n ORO375. Adjusted nose wheel castor friction IAW DA-20 C1maint manual. C/W SIL 20C1-005 dated 10-7-2010. No cracks seen at this time. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. All applicable AD's thru (2012-09) and all applicable ICA's have been C/W. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.

W/O: 12-4507

Ronald Enck
Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: N465US TACH: 348.9 ACTT: 1250.8 DATE: 5-16-2012

I certify that this Aircraft has been Inspected IAW an ANNUAL Inspection and is Airworthy with respect to the work performed. All applicable AD's thru (2012-08) and all applicable ICA's have been C/W.

W/O 12-4507

Rick Brisby
Rick Brisby AP3101824IA

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: 465US TACH: 448.9 AFTT: 1350.9 DATE: 7/27/2012

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Replaced nose tire, p/n 504C61-2, s/n 20122476 with new tube, p/n 302-005-400. Replaced 1 nose wheel sealed bearing, p/n 60042RS-DIN625. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.

W/O: 12-4606

Ronald Enck
Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: 465US TACH: 486.6 DATE: 8-28-2012

.Replaced rudder pedal adjustment cable. Installed 1 vibration isolator on instrument cover.

I certify that this aircraft is airworthy with respect to the work performed.

W/O# 12-4700

Jim Vick
Jim Vick 262315679AP

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: 465US TACH: 498.6 DATE: 9-3-2012

.Changed eng. Oil. Refilled with Phillips X/C 20W50 oil. Checked oil filter for metal, none found. C/W prop bolt torque check, no loss of torque noted.

I certify that this aircraft is airworthy with respect to the work performed.

W/O# 12-4707

Jim Vick
Jim Vick 262315679AP

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: 465US TACH: 548.7 AFTT: 1450.7 DATE: 10/02/2012

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new main tires, p/n 072-312-0, s/n 0372S0020 and 0372S00077, with serviceable tubes, both sides. Installed new brake linings, both sides, p/n 066-10600. Adjusted compass, swung compass and installed new correction card. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.

W/O: 12-4757

Ronald Enck
Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333
N465US TACH: 552.4 DATE: 10/15/2012

Remove and repair GNS430 main board memory battery IAW GNS400 series maintenance manual 190-00356-05, Rev. A, Sec. 5.4.5. Operational test showed no discrepancies.

GNS430, P/N 011-00280-10, S/N 97136683.

I certify that this Airframe is airworthy only with respect to the work performed.

Details on file
W/O # 12-4771




Matt Hunt 10/15/12
Matt Hunt for CRS V56R854K

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 575.1** **DATE: 11 /26/2012**
 Removed nose wheel, installed new washers and torqued nose wheel for 12lb friction force, installed new cotter pin. I certify this aircraft is airworthy with respect to the work performed
Don Lyall
 Don Lyall AP3396518
 W.O 12-4837

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH:647.9** **AFTT:1549.9** **DATE:1/9/2013**
 Completed 100 HR Inspection I/A/W all applicable sections of FAR 43 Appendix D requirements and Manufactures Maintenance Manual 100Hr Checklist. Complied with 200Hr Rudder inspection. Installed new Taxi Light p/n 01-0770346-00. Installed new brake discs p/n 164-24200 and new brake linings p/n 066-10600 on each main wheel. Installed new central air filter p/n D9-18-1 and vacuum relief valve filter p/n B3-5-1. Checked prop bolt torque. Cleaned small void in copilot side canopy and filled with epoxy. Lubricated aircraft. Serviced gascolator and installed new gasket p/n ORO 375. Performed engine run up, decreased unmetered fuel pressure, leaned mixture and set idle to 900RPM. No leaks found.
 I certify that this Aircraft has been inspected I/A/W a 100Hr Inspection and is airworthy with respect to the work performed. Aircraft returned to service.
Don Lyall
 Don Lyall 3396518AP
 WO#:13-4890

Installed new vacuum gauge, p/n 500. Tach 648.4 1-10-13
Matt Hunt AP3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR 97333**
N465US **TACH: 652.6** **DATE: 1/21/2013**
 Updated GNS 430 main software by complying with Garmin software service bulletin #0844, dated 11/14/2008.
 I certify that this Airframe is airworthy only with respect to the work performed.
 Details on file
 W/O # 13-4911

Matt Hunt 1/21/13
 Matt Hunt for CRS V56R854K

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N#: 465US **TACH: 686.2** **DATE: 2-11-2013**
 Replaced r/h canopy door spring , ops. check good.
 I certify that this aircraft is airworthy with respect to the work performed.
Jim Vick
 WO# 13-4948 Jim Vick 262315679AP

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **Tach:710.8** **DATE: 3/13/2013**
 Removed Dukes electric fuel pump p/n 5367-00-1 s/n 0211 and installed repaired fuel pump p/n 5367-00-1 s/n 0760. Work completed i/a/w Diamond Maint. Man. Section 28-20-00 item 2. B 1-14. Checked fuel flows and pressures and found satisfactory. Purged fuel system and secured all fuel fittings. I certify this aircraft is airworthy with respect to the work performed.
Don Lyall
 Don Lyall AP 3396518
 WO. 13-4980

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N465US

TACH:747.4

AFTT: 1649.4

DATE:4-12-13

Completed ANNUAL Inspection I/A/W FAR 43 Appendix D requirements using Manufactures Maintenance Manual Checklist. No AD's on airframe at this time. ELT inspected i/a/w FAR91.207(d) and found satisfactory. Battery expires 6/30/2013. Completed 500 Hr magneto inspection i/a/w Slick maint. manual 500 hr inspection procedure. Installed new dist. gear and block p/n K3822 in right mag. Fire extinguisher sent to Guardian Fire Protection Inc. for 6yr inspection, reinstalled in aircraft. Checked torque on prop all bolts found satisfactory, next due 797.4 tach time. Installed alternator belt p/n 22-2412-20-01.. Installed new brake linings p/n 066-10600 on both main wheels. Set nose caster to specs. Cleaned and greased wheel bearings. Replaced eng. intake filter p/n BA-235E. Replaced vac. regulator filter p/n B3-5-1. Serviced brake reservoirs. Installed new aircraft battery p/n YTX24HL-BS from Diamond Industries with "Authorized Release Certificate Form One" tracking number SI122883. Adjusted preload on Right Flap i/a/w Diamond maint. man. Replaced left main tire with new p/n 072-312-0 s/n 2110500534. Installed foam seal in elevator fairing. Installed new wing tape p/n 4811-1-1-2 on left wing. Inspected fuel bowl and cleaned screen, installed new O Ring p/n ORO375. I certify that this Aircraft has been inspected I/A/W an Annual Inspection and is airworthy with respect to the work performed. Aircraft returned to service.

WO#13-5012

Don Ryall

1. Approving Civil Aviation Authority/Country
Transport Canada

2. AUTHORIZED RELEASE FORM ONE

4. Organizations Name and Address:
**Diamond Aircraft Industries Inc.
1560 Crumlin Sideroad
London, Ontario N5V 1S2**

6. Item:	7. Description:	8. Part Number:	9. Quantity:
1	Screw Nylon	301.12.0056	12
2	Battery 12V, High Amps YUASA 34-541	YTX24HL-BS	1

12. Remarks: Customer Reference 37376

13a. Certifies that the items identified above were manufactured in conformity to:

Approved design data and are in condition for safe operation
 Non-approved design data specified in Block 12.

19. CAR 571.1
 Other regula

Certifies that unless otherwise specified and described in Block 12, the items identified above were manufactured in conformity to the design data and are in a condition for safe operation.

13b. Signature: *Don Ryall*

13c. Approval Organization Number: **DA 1161-93**

14b. Signature

13d. Name

13e. Date (dd/mm/yy):

14d. Name

SOLD TO

Corvallis Aero Service
5695 SW Airport Pl.
Corvallis, OR 97333
541-753-4466

CUST. ORDER NO. _____ DATE SHIPPED 4/9/13 SHIPPED VIA _____ TERMS Net 30

QTY. ORDERED	B/O	QTY. SHIPPED	DESCRIPTION
		2.5	LB BC F/E 6

4. Organisme Normatif

Item / Item

Normel ETSOC

SA-210.892

the items identified above were manufactured in conformity to the design data and are in a condition for safe operation.

les éléments identifiés ci-dessus ont été fabriqués conformément à la conception approuvée et sont en état de fonctionner en toute sécurité.

14a.

Certifies 12. Was

Corvallis Aero Service 5695 SW Airport Place **Corvallis, OR. 97333**
 N465US TACH: 779.6 DATE: 5/3/2013
 Cleaned Flap controller wire connector and reinstalled controller . Flaps operate satisfactory. I certify this aircraft is airworthy with respect to the work performed.

WO. 13-5058

Don Lyall AP 3396518

LICENCE NUMBER



Corvallis Aero Service 5695 SW Airport Place **Corvallis, OR. 97333**
 N#: 465US TACH 823.4 AFTT DATE 6/4/2013

Replaced right main tire with new P/N 072-312-0 S/N 2187S00165. Installed new exhaust clamps P/N DC0001-005 on # 2 and #4 risers to muffler attach point. Installed new riser gaskets P/N 620265. No leaks noted. All work done IAW Diamond MM. I certify that this AIRC

W/O# 13-5108

1. Approving Civil Aviation Authority/Country
Transport Canada

2.

AUTHORIZED R

FO

4. Organizations Name and Address:

Diamond Aircraft Industries Inc.
 1560 Crumlin Sideroad
 London, Ontario N5V 1S2

6. Item:

7. Description:

8. Part Number:

1 Muffler Assy, Quiet

DC0001-1

2 Clamp, Exhaust

DC0001-005

12. Remarks:

Customer Reference

13a. Certifies that the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation
- Non-approved design data specified in Block 12.

19.

Certifies that unles and described in Canadian Aviation



Corvallis A

N#: 465US
 Removed and installed exhaust clamps P/N DC0001-005 noted. Done IAW Diamond MM. I certify that this Aircraft returned to service.
 W/O# 13-5116

Corvallis Aero Service 5695 SW Airport Place **Corvallis, OR. 97333**
 N465US TACH:847.2 AFTT: 1749.2 DATE:6/25/13

Completed Inspection I/A/W FAR 43 Appendix D requirements using Manufactures Maintenance Manual Checklist. No AD's on airframe at this time. ELT inspected i/a/w FAR 91.207(d) and found satisfactory. Installed new ELT batt expires June 2015. Checked prop torque per Sensenich Doc W69EK7-CF Rev. F table 1. Next due 897.2 Completed 200 Hr rudder inspection. Secured rudder pin in rudder using Diamond resin p/n L160 and hardener p/n H163 i/a/w verbal instructions from Diamond tech . Cleaned fuel injectors. Installed new nose wheel tire p/n 504C61-2 and new nose wheel bearings p/n 60042RS-DIN 625. Replaced eng. intake filter p/n BA-235E. Replaced vac. regulator filter p/n B3-5-1. Cleaned and painted worn areas on top and bottom cowl with Hi Temp cowl paint p/n N56582-T508 i/a/w M/M. Adjusted Alternator belt tension.

I certify that this Aircraft has been inspected I/A/W an Annual Inspection and is airworthy with respect to the work performed. Aircraft returned to service.

Don Lyall

Don Lyall AP3396518IA

WO13-5139

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

	SIGNATURE	LICENCE NUMBER
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		
 		

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N465US TACH: 898.8 DATE: 7-25-2013
Re-installed rudder adjustment return springs. Re-installed heat shield on lower cowl.
W/O: 13-5206 Ronald Enck AP 3460446

RED FOR COMPLETION

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#: 465US TACH: 948.5 AFTT: 1850.4 DATE: 8/30/13
Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed nylon screw on pilot side vent window. Glued jackpad on right wing using Terostat M9380. Tightened loose screws on heat and park brake panel. Installed new vibration isolator, p/n SMB003-0200-9on instrument panel cover. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, both sides. Re-packed main wheel bearings, both sides. Installed new bearing cone and cup, p/n 08125-20629 and 08231-20629 on left main, inboard side. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1048.5, or 6-30-2013. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.
W/O: 13-5266 Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N465US TACH: 974.6 DATE: 9/25/2013
Installed new landing light p/n 010770346-00. Operational check performed satisfactory. I certify this aircraft is airworthy with respect to the work performed.
W.O 13-5332 Don Lyall AP 3396518

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333
N#: 465US TACH: 1048.5 AFTT: 1950.4 DATE: 11/1/2013
Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed nylon screw on pilot side vent window, p/n 301.12.0056. Installed new metal screw, pilot side vent window, p/n DIN996A-M3X8-A2. Installed new white position light, left wing, p/n 34-0412070-63. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, both sides. Removed right brake piston, cleaned, installed new O-ring, and re-installed. Re-packed main wheel bearings, both sides. Installed serviceable tire and tube, left main. Installed new tire, p/n 12-0 with serviceable tube, right main. Installed new canopy spring, p/n 20-5600-09-02, left side. Installed new wing root tape, left wing. Performed rudder 200 hr inspection. Installed new friction tape on both steps. Installed new grommets on brake line at fuselage, p/n MS35489-11. Installed new nut plate on baggage compartment. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1048.5, or 11-30-2013. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.
W/O: 13-5387 Ronald Enck AP3460446

Statements in Block
from the
Form 8130-3 (6-01)

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333
N465US TACH: 1098.5 HOBBS: 2619.0 DATE: 11/27/13
Removed inoperative DG, P/N 1U262-001-39, S/N T58311L and installed overhauled DG, P/N 1U262-001-39, S/N T76901Q IAW Diamond MM # DA201-C1, rev 2. performed operational check of unit. Removed fresh air instrument filter P/N AAD9-18-1, abd installed new filter AAD9-18-1 IAW Diamond MM # DA201-C1, Rev 21. Filter next due for replacment on hobbs time 3119.0.
I certify that this Airframe is airworthy with respect to the work performed.

W/O # 13-5431



Matthew 11/27/13

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N#: 465US TACH: 1148.5 AFTT: 2050.4 DATE: 2/12/2014

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, both sides. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1248.5, or 2/28/2014. Installed new battery, p/n YTX24HL-BS. I certify that this Airframe has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.
W/O: 14-5486

Ronald Enck

Ronald Enck AP3460446

LICENCE NUMBER

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333

N465US TACH: 1162.3 HOBBS: 2707.1 DATE: 3/3/14

Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. Transponder is a Garmin GTX 327, P/N 011-00490-00, S/N 8372-6033.

I certify that this Aircraft has been inspected and is airworthy with respect to the work performed.



W/O # 14-5526

Matt Hunt 3/3/14
Matt Hunt for CRS V56R854K

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH : 1178.0 DATE: 3 /10/2014

Removed Sensenich M/N W69EK7-63G, S/N AH3231prop from N465US at 1178.0 Tach Time and sent out for repair. Installed Repaired prop W69EK7-63 S/N AG0837 i/a/w Sensenich Doc.#W69EK7-CF Rev F Table 1. Aircraft returned to service.

W.O 14-5539

Don Lyall
Don Lyall AP 3396518

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH : 1183.8 DATE: 3 /12/2014

Aircraft had flat tire. Installed serviceable wheel and tire from N308DC same model aircraft and same wheel part number. Aircraft returned to service.

W.O 14-5547

Don Lyall
Don Lyall AP 3396518

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N:465US TACH: 1230.9 DATE: 4-11-14

Replace LH main tire with new part PN 072-312-0.
I certify that this Aircraft is airworthy with respect to the work performed. Aircraft returned to service.

W/O 14-5595

Andrew Van Hoosen
Andrew Van Hoosen AP 3669691

Installation certification issued in accordance with the national
navigabilité mentionnée dans la case 1. Il est essentiel que l'installation de l'aéronef doit contenir une certification d'instal

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N#: 465US TACH: 1248.1 AFTT: 2150.0 DATE: 4/30/2014

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, both sides. Removed, cleaned, and installed new o-ring, p/n MS28775-218 on right brake puck. Bled right brakes. Glued brake line holder in place on right landing gear. Installed new rivets to hold connectors for ground connections under seat shells. Removed rudder and inspected, next due 1448.1. Installed new rudder pedal adjustment cable, p/n 20-2700-21-00. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1348.1, or 4/30/2015. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1348.1 hours tach time. C/W AD 93-05-06, by inspection and installation of ACS ignition switch kit, p/n A3650-2. Next due 4150 hours total time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.

W/O: 14-5610

Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, Or. 97333

N#: 465US TACH: 1248.1 ACTT: 2150.0 DATE: 4/30/2014

Completed an Annual Inspection IAW all applicable sections of FAR 43 Appendix D requirements using Manufacturers Maintenance Manual 100Hr inspection checklist as a guide. ELT Inspected IAW FAR 91.207 (d) requirements. ELT battery due (6/30/2016). All applicable AD's thru (2014-08) have been C/W. I certify that this Aircraft has been Inspected IAW an Annual Inspection and was determined to be in Airworthy condition.

W/O: 14-5610

Rick Brisby AP3101824IA

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1274.6 DATE: 5-12-2014

Flat right main tire on taxiway. Installed serviceable wheel and tire from N308DC (left side).

W/O: 14-5640

Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1327.2 DATE: 6/5/2014

Found battery negative terminal loose. Re-torqued connection. Charging system ops check good.

W/O: 14-5667

Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH : 1331.5 DATE: 6 /10/2014

Installed new tube p/n 092-308-0 in left main wheel. Also greased the wheel bearings serviced tire with air. Aircraft returned to service.

W.O 14-5673

Don Lyall AP 3396518

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH : 2944.0 DATE: 6 /14/2014

Installed new reed in stall horn and secured hose to horn. Operational check proved satisfactory. Aircraft returned to service.

W.O 14-5676

Don Lyall AP 3396518

INSPECTION, REPAIRS & REPLACEMENT

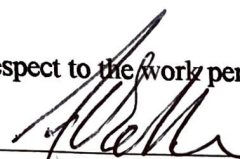
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

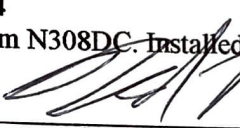
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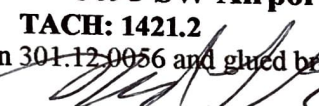
LICENCE NUMBER


Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N:465US **TACH:1348.0** **AFTT2250.0** **DATE: 7-4-14**
 Completed 100HR inspection IAW CFR 43 Appendix D requirements using MFG Maintenance manual check list as guide. Cleaned and inspected fuel bowl and screen, replaced O rings Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, both sides. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due first of 1448.1 tach, or 4/30/2015. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1448.1 hours tach time. Remounted jack pad to LH wing, using Terostat MS9380 adhesive. RH OB flap bellcrank loose, tightened and secured. Replaced NLG tire (P/N 504C61-2) and tube (P/N 302-005-400).

I certify that this **Airframe** is airworthy with respect to the work performed. Aircraft returned to service.

W/O 14-5695  Andrew Van Hoosen AP 3669691

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 1409.4** **DATE: 8/11/2014**
 Installed serviceable alternator and battery from N308DC. Installed new alternator connector. Ops check good.
 W/O 14-5777  Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N 465US **TACH: 1421.2** **DATE: 8/14/2014**
 Installed new nylon screw, p/n 301.12.0056 and glued broken sliding window rail into place.
 W/O 14-5780  Ronald Enck AP 3460446

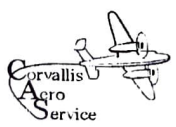

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 1427.5** **DATE: 8-15-2014**
 Installed new tire and tube on right main. Tightened nose gear fork bolt.
 W/O 14-5788  Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR 97333**

N465US	TACH: 1448.0	HOBBS: 3099.4	DATE: 9/11/14
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Removed failing unit, P/N 011-00280-10, S/N 97130500. Installed Garmin serviceable loaner, P/N 011-00280-10, S/N 97125666. Work and testing done IAW Garmin 400 series install manual # 190-00140-02, Rev T, dated 6/1/2010. Following repair at CRS G6XR5zy, reinstalled GNS430, P/N 011-00280-10, S/N 97130500. Work and testing done IAW Garmin 400 series install manual # 190-00140-02, Rev T, dated 6/1/2010.

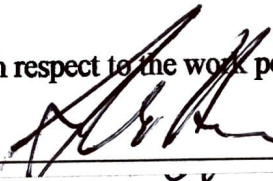
I certify that this **Aircraft** is airworthy with respect to the work performed.

W/O # 14-5805   Matt Hunt for CRS V56R854K

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N:465US TACH:1448.0 AFTT2350.0 DATE: 9-11-14
Completed 100HR inspection IAW CFR 43 Appendix D requirements using MFG Maintenance manual check list as guide. Cleaned and inspected fuel bowl and screen, replaced O rings Installed new vacuum regulator filter, p/n B3-5-1. Installed new Installed new brake linings, p/n 066-10600, and break disks (PN 164-24200) both sides. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due first of 1548.1 tach, or 9/30/2015. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1548.1 hours tach time. Replaced NLG fork assy. (PN20-3220-08-00_1-MOD adjust canopy latch force on LH. Replace wing root tape RH. Dress corrosion on RHMLG leg and Paint. Complete 100HR inspection IAW CFR 43 Appendix D requirements using MFG Maintenance manual check list as guide.

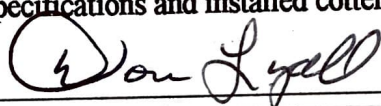
I certify that this Airframe is airworthy with respect to the work performed. Aircraft returned to service.

W/O14-5798



Andrew Van Hoosen AP 3669691

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH : 1452.4 DATE: 9/15/2014
Torqued nose wheel castor nut to aircraft specifications and installed cotter pin. Checked nose wheel axle nut.
WO 14-5837



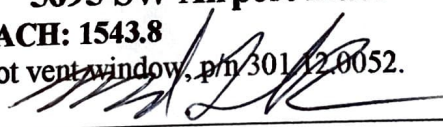
Don Lyall AP 3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH : 1475.1 DATE: 9/24/2014
Repaired alternator field wire at alternator. Operational check was satisfactory.
WO 14-5855



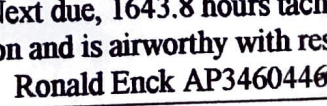
Don Lyall AP 3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 1543.8 DATE: 12/10/2014
Installed new guide rail on co-pilot vent window, p/n 301420052.
W/O 14-5780



Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N#: 465US TACH: 1543.8 AFTT: 2445.7 DATE: 1/23/2015
Engine removed and sent for overhaul. Installed engine IAW Diamond MM Chap. 71-00 after overhaul by Ameritech, WO# 18714-11-2014. Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. Battery due 6/30/2015. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, right side. Installed new central air filter, p/n AAD9-18-1. Next due, 2043.8 hours. Installed new panel cover vibration isolator, p/n SMB003-0200-9. Removed rudder and inspected, next due 1743.8. Set idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1643.8, or 1/31/2016. Installed new air filter, p/n BA-235. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1643.8 hours tach time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and is airworthy with respect to the work performed.
W/O: 15-5924



CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE


LICENCE
NUMBER

Corvallis Aero Service 5695 SW Airport Place Corvallis, Or. 97333

N#: N465US TACH: 1543.8 ACTT: 2445.7 DATE: 1/23/2015

Completed an Annual Inspection IAW all applicable sections of FAR 43 Appendix D requirements using Manufacturers Maintenance Manual 100Hr inspection checklist as a guide. All applicable AD's thru (2015-1) have been C/W. I certify that this Aircraft has been Inspected IAW an Annual Inspection and was determined to be in Airworthy condition.

W/O: 15-5924


Rick Brisby AP310182AIA



Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1587.0 DATE: 2/20/2015

Installed new landing light, p/n 01-0770346-0.

W/O 15-6005


Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1625.8 DATE: 3/5/2015

Installed new tire, p/n 072-312-0, s/n 3302S00121, and new tube, p/n 092-308-0 on left main.

W/O: 15-6021


Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N:465US TACH: 1643.6 AFTT 2545.6.0 DATE: 3-12-15

Completed 100HR inspection IAW CFR 43 Appendix D requirements using MFG Maintenance manual check list as guide. Cleaned and inspected fuel bowl and screen, replaced O rings Installed new vacuum regulator filter, p/n B3-5-1. Removed compass, sent out for overhaul, installed overhauled compass. Performed compass swing IAW AC43.13-1B, chapter 12, section 3, paragraph 12/37(c). Compass was found to comply with FAR23. 1327. Installed compass correction placard IAW FAR.23. 1547. (see avionics work order #15-6035) Replaced LH wing root seal tape P.N.(4811-1-1) Replaced broken nut plate in LH aft baggage area. Removed, cleaned, inspected and packed RH MLG wheel bearings. Removed, cleaned, inspected and lubed NG fork, set castor torque to 11Lbs. Replaced air filter with new P.N. (BA-235). Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due first of 1743.6 tach or 3-30-16. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1743.6 hours tach time. Inspection complete IAW a 100 hour inspection.

I certify that this airframe has been inspected IAW 100 hour inspection process and is airworthy with respect to the work performed. Aircraft returned to service.

W/O15-6030


Andrew Van Hoosen AP 3669691

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N 465US TACH: 1722.8 DATE: 4/30/2015

Installed new tire, p/n 072-312-0, s/n 4037S00106 and new tube, p/n 092-308-0 on right main. Installed new brake linings, p/n 066-00106.

W/O 15-6090


Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N#: 465US TACH: 1743.0 AFTT: 2644.9 DATE: 6/3/2015

DATE

BROUGHT
FORWARD

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, left side. Adjusted canopy latch force on pilot side by swapping shims. Stopped drilled lower cowl heat shield. Installed new bulb, p/n 34-0412070-63 and lens, p/n 68-4250066-30 on right wing white nav light. Checked gascolator filter and installed with new oring, p/n ORO375. Removed rudder and inspected, next due 1943.0. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 1843.0, or 6/30/2016. C/W SB DAC1-27-03 Rev. 0, dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1843.0 hours tach time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was found to be airworthy.

W/O: 15-6125

Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1842.4 AFTT: 2744.3 DATE: 8/5/2015

Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new ELT battery, p/n GS-52, due 4/2017. Installed new heat shield, p/n 22-7140-00-01 on lower cowl. Installed new vacuum regulator filter, p/n B3-5-1. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 1942.4 hours tach time. Installed new nose tire, p/n 504C61-2, and tube, p/n 302-005-400. Installed new brake linings, right wheel, p/n 066-10600. Removed cover on flap drive and lubricated with LPS-1. Re-torqued bolt at forward end of flap drive. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.

W/O: 15-6136

Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1862.3 DATE: 8/13/2015

Removed cowl, removed 2-pin connector from alternator, checked connections and voltages. No problems seen. Re-assembled and ops checked good.

W/O 15-6264

Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1942.3 AFTT: 2844.2 DATE: 10/1/2015

Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new vacuum regulator filter, p/n B3-5-1. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due 2042.3 hours tach time. Tightened nut on knob for instrument light. Installed new grommets, p/n MS35489-38, for brake line on bottom of fuselage. Installed new left main tire, p/n 072-312-0, s/n 4309S00139, and tube, p/n 092-308-0. Installed new brake linings, both wheels, p/n 066-10600. Removed ruder and inspected. Next due 2142.3. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.

W/O: 15-6323

Ronald Enck AP3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 1968.2 DATE: 10/14/2015

Installed new canopy spring, left side, p/n 20-5600-09-02

W/O 15-6359

Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 2037.3 DATE: 12-28-15

Removed and replaced battery with new part PN(Y50N18L-A-CX) SN(RC1503975 (1)

W/O 15-6387

Andrew Van Hoosen AP 3669691

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 2039.9 DATE: 1/12/2016

Replaced left wing tip Nav light assembly that was moved to N308DC. Installed new cover, p/n 19-170049-009, red lens, p/n 68-4230020-50, clear lens, p/n 68-2290005-30, lamp, p/n 34-0414020-65, gasket, p/n 38-0230021-00, strobe light, p/n 02-0250276-00, lamp, p/n 34-0412070-63, an socket, p/n 02-0350260-00.

W/O 15-6445

Ronald Enck AP 3460446

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N465US TACH: 2041.9 AFTT: 2943.8 DATE: 2/23/2016

Completed 100-hour Inspection IAW FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. Battery due 4-2017. Installed new vacuum regulator filter, p/n B3-5-1. Installed new brake linings, p/n 066-10600, right side. Installed 2 steel screws on left vent window. Installed 4 nylon screws on right vent window. Installed new tire, p/n 072-312-0, s/n 4244S00125 and tube, p/n 092-308-0 on right main. Installed new ground rivet, right lower cockpit floor. Repaired cracked fiberglass on air box heated air outlet. Cleaned corrosion and replaced AA battery in aircraft clock. Installed new rubber dampers, p/n 22-3220-05-06-1 and TC1-9032-23-11. Removed, inspected, lubed, and reinstalled nose landing gear strut pivot. Checked idle mixture, and fuel pressures IAW TCM SID 97-3E. Next due 2141.9 or 2/28/2017. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2141.9 hours tach time. C/W 500 hour inspection on both magnetos. Next due tach time 2541.9. Installed new central air filter, p/n AA9-18-1. Installed new suction gauge, p/n 3-200-12. Removed old paint, cleaned and repainted bottom of fuselage and lower cowl with high temperature paint, p/n 7330BP0802-KCHO, hardener, p/n 900813-LXSO, and clear coat, p/n 9008B0900D-KADO. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was found to be airworthy.

W/O: 16-6464

Ronald Enck AP3460446

LICENC NUMBER

Corvallis Aero Service 5695 SW Airport Place Corvallis, Or. 97333

N#: N465US TACH: 2041.9 ACTT: 2943.8 DATE: 2/23/2016

Completed an Annual Inspection IAW all applicable sections of FAR 43 Appendix D requirements using Manufacturers Maintenance Manual 100Hr inspection checklist as a guide. All applicable AD's thru (2016-03) have been C/W.

I certify that this Aircraft has been Inspected IAW an Annual Inspection and was determined to be in Airworthy condition.

W/O: 16-6464

Rick Brisby AP3101824IA



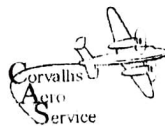
Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333

N465US TACH: 2042.0 HOBBS: 3908.3 DATE: 2/23/16

Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. The transponder tested was a Garmin GTX 327, P/N 011-00490-00, S/N 83726033.

I certify that this Airframe is airworthy with respect to the work performed.

W/O # 16-6489



Matt Hunt for CRS V56R854K

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N465US TACH: 2141.3 AFTT: 3043.2 DATE: 7/1/2016

Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. Installed new vacuum regulator filter, p/n B3-5-1. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2241.3 hours tach time. Installed new brake linings, p/n 066-10600, both wheels. Installed new brake discs, p/n 164-24200, both wheels. Swung compass, adjusted, and installed new compass correction card. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.

W/O: 16-6666

Ronald Enck AP3460446

Rudder ✓

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N 465US **TACH: 2167.8** **DATE: 8/3/2016**
 Replaced one loose socket p/n 39-00-0039 and cleaned connector from aircraft to flap control unit.
 Function check tested satisfactory.
 WO 16-6723
Don Lyall
 Don Lyall AP 3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 2241.3** **AFTT: 3143.2** **DATE: 9/20/16**
 Completed 100 HR Inspection IAW 14 CFR 43 Appendix D requirements using Diamond DA20-C1 100 Hr checklist as a guide. C/W SB DAC1-27-03, Rev.0 inspection of flap bellcrank and no cracks were found at this time. Inspected fuel bowl and cleaned screen. Adjusted nose wheel castor friction to 11 pounds pull force. Cleaned, inspected and greased main wheel bearings. Serviced all tires with air. Removed rudder for inspection next due at 2441.3 tach time. Replaced vacuum regulator filter p/n B3-5-1. Installed new brake linings p/n 066-10600 with rivets 105-00200 in both main wheel brakes. Installed new O Ring p/n MS 28775-218 in right brake caliper. Serviced brake reservoirs with hydraulic fluid. Tightened alternator belt. Installed new screw p/n 301-12-0056 in pilot and co pilot window. Installed Tanis Heater system p/n TSP4CYL-2925-115 s/n 50525 i/a/w Doc. No.: TNP2925 Rev. D dated, Sept 10, 2014. Installed anti skid tape p/n 8AAE5 on both steps. Completed fuel flow test, fuel system checked ok. Completed aircraft run up all systems performed ok, no fuel or oil leaks noted. I certify that this Aircraft has been inspected IAW and 100 HR Inspection and was determined to be in airworthy condition.
 W/O:16-6791
Don Lyall
 Don Lyall AP 3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 2280.4** **DATE: 10/10/2016**
 Installed new landing light assembly, p/n 01-0770346-00.
 WO 16-6836
Ronald Enck
 Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 2297.8** **DATE: 10/24/2016**
 Removed left main tire and installed new tire p/n 072-312-0, s/n 5302S00114 and new tube p/n 092-308-0. Increased friction on nose wheel castor.
 WO:16-6844
Don Lyall
 Don Lyall AP3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **TACH: 2341** **AFTT: 3242.9** **DATE: 1/17/2017**
 Completed Annual Inspection IAW 14 CFR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. Battery due, 4/30/2017. Installed new vacuum regulator filter, p/n B3-5-1. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2441 hours tach time. Installed new brake linings, p/n 066-10600, both wheels. Adjusted canopy latch force by removing two thin shims and installing one thicker one, p/n 22-3220-00-25. Installed new wing root tape, p/n 4811-1-2 on top of right wing. Re-glued canopy seal, left rear. Removed aircraft battery and charged. Installed new tire, p/n 072-312-0 s/n 6170S00055 and new tube, p/n 092-312-0 on right main. Installed new tire, p/n 504C61-2 s/n 60922008 and tube, p/n 302-005-400 on nose. I certify that this Aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.
 W/O: 17-6912
Ronald Enck
 Ronald Enck AP34604461A

ENGINEERING RECORD

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N 465US **TACH: 2387.5** **DATE: 3/23/2017**
 An alternate oil pressure gage was set up and found the aircraft oil transducer and oil pressure gage to be indicating 12 psi-15 psi low. Removed oil pressure transducer and installed serviceable transducer from N308DC, performed engine run up and no leaks were noted.
 WO 17-6990

DATE	LICENCE NUMBER

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH:2390.4** **DATE: 3/30/2017**
 EGT probe disconnected and stowed. EGT gauge labeled INOP.
 W/O 17-6990

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH: 2395.5** **DATE: 4/3/2017**
 Installed new canopy spring, p/n 20-5600-09-02 on right side. Installed serviceable aircraft battery from N308DC.
 W/O 17-6990

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH: 2415.6** **DATE: 4/24/2017**
 Installed new ELT battery, p/n BP-52. Next due 5/2019. ELT tested and inspected i/a/w 14 CFR 91.207(d) checked ok. Next due 4/30/2018
 W/O 17-7025

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH: 2440.0** **AFTT: 3341.9** **DATE: 5/25/2017**
 Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufacturers Maintenance Manual checklist as a guide. Installed new brake linings, p/n 066-10600, both wheels. Re-packed main wheel bearings. Installed new vacuum regulator filter, p/n B3-5-1. Cleaned gascolator filter. **Removed rudder, inspected and re-installed on aircraft. Next due 2640.0. C/W SB DAC1-27-03 Rev. 0** dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2540.0 hours tach time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.
 W/O: 17-7067

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH: 2450.5** **DATE: 5/31/2017**
 Installed new tires, p/n 072-312-0, Left s/n 6236S00068 right s/n 6127S00112 and tubes, p/n 092-308-0, both mains.
 W/O 17-7080

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **TACH: 2472.5** **HOBBS: 4481.9** **DATE: 6/13/17**
 Owner defined CVO as KHID cleared user waypoint and errors went away. Work performed IAW Garmin 400 series pilots guide 190-00356-00. Removed failed nav data card. Loaded current Nav data on new card and installed card P/N 010-10201-01. Function tested GNS 430 and verified Nav data functional. No discrepancies were noted. Work performed IAW Garmin 400 series IM 190-00356-00, Rev L.
 I certify that this **Airframe** is airworthy with respect to the work performed.
 W/O # 17-7099



[Signature]
 Matt Hunt for CFS V56R854K

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **DIAMOND DA20-C1** S/N C0505 TACH: 3155.9 AFTT: 4057.8 DATE: 8/19/2019
 Replaced Front MLG Tire and Tube. 06-04700, 302-005-006
 I certify that this Aircraft is in an airworthy condition with respect to the work performed.
 W/O# 19-8064 *see previous* Hal C Howard 2777703AP/IA

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US **Diamond DA20-C1** S/N C0405 TACH: 3329.6 AFTT: 4231.5 DATE: 3/11/2020
 A 100hr inspection was performed per FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide.
 Replaced brake linings on both main gear P/N 066-10600 and P/N 105-00200
 Installed new vacuum regulator filter P/N ARB3-5-1
 Installed New Taxi Light P/N 01-0770346-00
 C/W Diamond Aircraft Service Bulletin # DAC1-27-03 Dated 03/03/2014 Inspection of Flap Bellcrank IAW section 10 (10.1-10.6) Next Due TACH:3429.6
 AD's current thru Bi-weekly 20-05 no new.
 I certify that this Aircraft has been inspected IAW a 100hr inspection and is in an airworthy condition with respect to the work performed.
 W/O# 20-8250 Clayton Anderson 4297401AP

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US TACH: 3329.7 HOBBS: 5621.3 DATE: 03/12/2020
 TESTED AND INSPECTED SYSTEM AS REQUIRED BY FAR 91.413 AND FOUND SYSTEM TO COMPLY WITH FARs 91.227 AND 43 APPENDIX F. THE TRANSPONDER THAT WAS TESTED WAS GARMIN GTX 327 P/N: 011-00490-00 S/N: 83726033.
 I certify that this Aircraft and/or article(s) identified in this work order are airworthy only with respect to the work performed.
 W/O: 20-8252 *Cory Jones*
 CORY JONES FOR CRS#V56R854K

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Date: 10/18/19 Tach: 3231.2
 Complied with flight test in accordance with FAR 91.407(b), rudder controls were free and correct.
 Signature: [Signature] Type Certificate: CPL Certificate#: 3448087

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US TACH:2941.8 HOBBS: 5108.6 DATE: 10/28/2019

R/R SIGMATEC ATTITUDE GYRO P/N:23-501-06-16 S/N: T54564J WITH OVERHAULED UNIT
 P/N:23-501-06-16 S/N: T97044N IAW SIGMATEK FORM QAF_304C AND DIAMOND DA-20C1
 M/M SECTIONS 34-20-00 AND 37-00-00

W/O18-7751 *[Signature]* 10/28/2019
 CORY JONES FOR CRS#V56R854K

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US DIAMOND DA20-C1 S/N C0505 TACH: 3247.9 DATE: 11/13/2019

Complied with AD 93-05-06 04/29/1993 Ignition switch assembly. In accordance with service bulletin SB92-01 11/18/08 Accomplishment Instructions Items (1-5) (1-4) – Found Excessive wear, and replaced terminal board and 3 triangular cups P/N 11-03654. Next due Tach: 5247.9

I certify that this Aircraft is airworthy respect to the work performed.

W/O# 19-8147 *[Signature]*
 Clayton Anderson 4297401AP

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US DIAMOND DA20-C1 S/N C0505 TACH:3275.0 DATE: 12/17/2019

Removed and charged battery, reinstalled and tested.

I certify that this Aircraft is in airworthy condition in respect to the work performed.

W/O# 19-8174 *[Signature]*
 Clayton Anderson 4297401AP

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
 N465US DIAMOND DA20-C1 S/N C0505 TACH:3296.9 DATE: 2/11/2020


Removed and charged battery, reinstalled and tested.

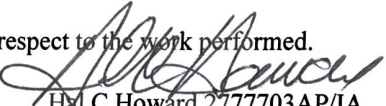
I certify that this Aircraft is in airworthy condition in respect to the work performed.

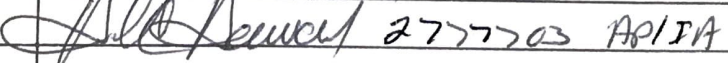
W/O# 20-8217 *[Signature]*
 Clayton Anderson 4297401AP

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	

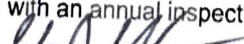
BROU FORM	Corvallis Aero Service	5695 SW Airport Place	Corvallis, OR. 97333
	N465US DIAMOND DA20-C1 S/N C0505 TACH: 3140.0	DATE: 8/9/2019	
	Installed new ELT Battery p/n GS-52, expiration date 9/2021. ELT tested good.		
	I certify that this Aircraft is airworthy respect to the work performed.		
	W/O# 19-7966		 Hal C Howard 2777703AP/IA

BROU FORM	Corvallis Aero Service	5695 SW Airport Place	Corvallis, OR. 97333
	N465US DIAMOND DA20-C1 S/N C0505 TACH: 3155.9 AFTT: 4057.8	DATE: 8/19/2019	
	Replaced Front MLG Tire and Tube. 06-04700, 302-005-400		
	I certify that this Aircraft is in an airworthy condition with respect to the work performed.		
	W/O# 19-8064		 Hal C Howard 2777703AP/IA

10/7/19	322	7.3	Thresh	Placed Term Card. Inoperative PAW 91.213 (d) (3,4) Inoperative equipment Does Not Constitute A Hazard To The AIRCRAFT. I certify that this A/c is Airworthy in RegARDS TO the work Performed  2777703 AP/IA
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Willamette Aviation Service, LLC	23115 Airport Rd. NE	Aurora, OR 97002
Make: DIAMOND INC Order No.: 89061 S/N: C0405	Model: DA 20-C1 Tach Time: 3230.10	Reg. No.: N465US Completed: 10/18/19 TTAF: 4132.00

Complied with an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Diamond DA20-C1 aircraft M/M DA201-C1 dated 09-15-2017. Serviced fuel strainer by disassembly, inspection and reassembly and safetied. Replaced air filter element P/N BA-5705. Tested ELT in accordance with 91.207(d), Test Good, Battery Due Sept/2021. Removed Fuel tank from Aircraft for access to install rudder cables in accordance with Diamond Maintenance Manual DA201-C1, REV 17, section 28-10-00. Removed fwd and aft life limited rudder cables from aircraft in accordance with Diamond Maintenance Manual DA201-C1, REV 17, 27-20-00. Installed fwd and aft life limited rudder cables p/n CSKIT-01, s/n CS0716619-10000(10) to aircraft in accordance with Diamond Maintenance Manual DA201-C1, REV 17, 27-20-00. Next Due 10 years from this date or Tach Time 6230.1, which ever comes first. Installed fuel tank after rudder cable installation in accordance with Diamond Maintenance Manual DA201-C1, REV 17, section 28-10-00. Removed vacuum pump p/n AA3216CW, s/n N41677 from aircraft engine and installed new Vacuum pump p/n RAP216CW, s/n B39577 in accordance with Diamond Service Manual, Ops Check Good. Installed new central gyro filter p/n D9-18-1 and new Garter filter B3-5-1. Removed and Replaced RH Tire Air Trac 5.00-5 6ply and and Tube 5.00-0. Replaced all brake liners with Brake liner kit p/n RA066-10600-4K. Bled LH and RH Brakes in accordance with Diamond Service Manual 32-40-00. C/W Diamond Service Bulletin: DAC1-27-03 REV 0 dated March 3, 2014. Flap Bellcrank, No Defects Noted, Next Due Tach 3330.1. Checked AD's through Bi-Weekly 2019/21, No new AD's apply. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition

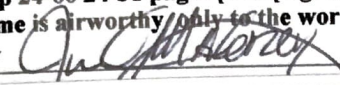
Stephen J. Griffin A&P 3288434 IA


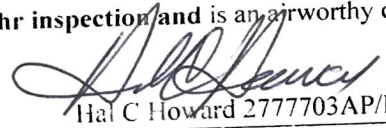
INSPECTION, REPAIRS & REPLACEMENT

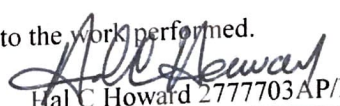
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

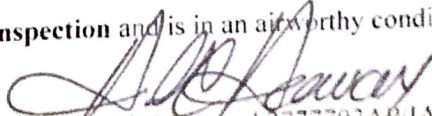
SIGNATURE

LICENCE NUMBER

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **DEC 14 2018** **Hobbs: 5147.6** **Tach: 2971.5 wo# 18-7794**
 Aircraft electrical system not operating correct . removed upper cowl , troubled shot problem to loose battery connection,s . cleaned terminal,s / lubed with dow - corning DC-4 . torqued bolt's per DA-20-c1A MM chap 24-00 24-31 pages [1-16] . ground ran aircraft ops ck,ed correct
 I certify that this airframe is airworthy only to the work performed! RETURN TO SERVICE!
 Joel Maloney  A/P 2832715

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **Diamond DA20-C1** **S/N C0405** **TACH: 3036.2** **AFTT: 3938.1** **DATE: 04/11/2019**
 A 100/200hr inspection was performed per FAR 43 Appendix D requirements using Manufactures Maintenance Manual as a guide.
 Stop drilled multiple cracks in left aft window. Performed tap testing of Cracking on right side of fuselage just aft of rear window, no delamination identified.
 Installed new weather stripping on cuff between vertical and horizontal.
 Adjusted right flap preload to within specifications. R/R all Break pads.
 R R Fuel Booster pump. p/n 18052-2A. S/N 211274.
 C/W Diamond Service Bulletin: DAC1 27-03 Rev 0 dated March 3, 2014. Flap Bellcrank, No defects noted. Next due tach 3136.2.
 I certify that this Aircraft has been inspected IAW a 100/200hr inspection and is in an airworthy condition with respect to the work performed.
 W/O# 19-7867

 Hal C Howard 2777703AP/IA

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **Diamond DA20-C1** **S/N C0405** **TACH: 3046.3** **AFTT: 3948.2** **DATE: 04/18/2019**
 R/R Both MLG Tires P/N 072-308-0 .
 I certify that this Aircraft is in an airworthy condition with respect to the work performed.
 W/O# 19-7913

 Hal C Howard 2777703AP/IA

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US **DIAMOND DA20-C1** **S/N C0405** **TACH: 3131.4** **AFTT: 4033.3** **DATE: 8/6/2019**
 A 100hr inspection was performed per FAR 43 Appendix D requirements using Manufactures Maintenance Manual checklist as a guide.
 Replaced vacuum regulator filter ARB3-5-1. Installed new trim position indicator, 22-2720-30-00.
 Replaced right brake caliper o-ring, MS28775-218.
 Replaced co-pilot left side shoulder harness, 504856-403-2251. Properly installed right wing strobe housing. Replaced and adjusted Landing Light. 01-0770346-00
 AD's current thru Bi-weekly 19-16 no new.
 I certify that this Aircraft has been inspected IAW a 100hr inspection and is in an airworthy condition with respect to the work performed.

 Hal C Howard 2777703AP/IA

DATE

DAILY
TOTALTOTAL AIR
TIME SINCE
MFG.

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPL.

HRS.

MIN.

HRS.

MIN.

BROUGHT
FORWARD

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

N465US TACH: 2837.0 AFTT: 3639.3 DATE: 6/18/2018

Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufacturers Maintenance Manual checklist as a guide. Installed new brake linings, p/n 066-10600, right wheel assy. Repacked main wheel bearings. Installed new vacuum regulator filter, p/n B3-5-1. Cleaned gascolator filter. **Removed rudder, inspected and re-installed on aircraft. Next due 2937.0.0. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2937.0.0 hours tach time. Installed two new tires main landing gear / new tubes/ new brake rotors /air filter ba-235e/d9-18-1 / . I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.**

W/O: 18-7566

joel Maloney a/p 2832715

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR. 97333

date june 25 2018

hobbs 4994.9

TACH 2856.5

N 465 US

left brake pad,s worn to limit,s/ installed new brake pad,s . 066-10600 lining / 105-0200 rivet,s / lubed slider pin,s approved for return to service

joel Maloney A/P2832715

Registration	N465US	<h1>AlpineAviation</h1>	Date	November 5, 2018
Make	Diamond		Hobbs	5702.2
Model	DA-20-C1		Tach	2936.5
Serial No.	C0405		TTAF	Unknown
Work Order No.	26706			
	CRS # XGKR718T	13310 Nevada City Ave. Grass Valley, CA 95945 (530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

- 1 Replace B bolt bearings in LH & RH wing in accordance with Diamond Aircraft Repair Doc R20C-57-005, dated June 17, 2005.
- 2 Composite repairs performed in accordance with Diamond Aircraft DA20 maintenance manual, section 51, Rev 13, dated Apr 20, 2010
- 3 Installed wings and ran up engine.

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature



Certificate No. XGKR718T

Corvallis Aero Service

5695 SW Airport Place

Corvallis, OR 97333

N465US TACH: 2936.5 HOBBS:5702.2 ETT:

DATE: 11/09/2018

Completed Annual Inspection IAW FAR 43 App D requirements using manufactures check list as a guide. Compression results are; Cyl # 1 (78/80); Cyl #2 (74/80); Cyl # 3 (78/80); Cyl #4 (79/80). Completed Battery capacity check IAW manufacturers recommendations. Checked ok. Tested and inspected ELT system. ELT system complies with the requirements of 14CFR91.207. C/W 1000 hr wing B-Bolt inspection and found to be out of tolerance. Trucked Aircraft to Alpine Aviation for repair, see log book entry for details on repair. C/W AD Searches and compliance. C/W SB DAC1-27-03 rev. 0 dated 03 Mar 2014, by inspection of flap bellcrank welds. No cracks found. Next Due 3036.5 hrs.

I certify that this Aircraft has been inspected IAW Annual inspection and was determined to be in airworthy condition.

Details on file
W/O 18-7645



Charles M Lawson AP3627356IA

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

17

LICENCE NUMBER

Corvallis Aero Service 5695 SW Airport Place Corvallis, Or. 97333

N#: N465US TACH: 2642.6 DATE: 10/19/2017
Installed overhauled Attitude Indicator p/n 5000B-36 s/n T54564J. Ops checked ok.
I certify that this Aircraft is Airworthy with respect to the work performed.



W/O: 17-7279

Rick Brisby
Rick Brisby AP31018241A

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 2692.0 DATE: 11/29/2017
Installed new tire, p/n 072-312-0 s/n 7157S00176 and tube, p/n 092-308-0 on right main.
W/O 17-7354 Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N465US TACH: 2716.8 DATE: 1/22/2018
Adjusted nose wheel tension to reduce shimmy.
W/O 18-7406 Ronald Enck AP 3460446

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333

N465US TACH: ^{2 MA} 737.4 HOBBS: 4826.4 DATE: 2/13/18

Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. The transponder tested was a Garmin GTX 327, P/N 011-00490-00, S/N 83726033.

I certify that this Airframe is airworthy with respect to the work performed.



Matt Hunt
Matt Hunt for CRS V56R854K

W/O # 18-7436

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR. 97333

N:465US TACH:2737.4 ACTT:3639.3 DATE:2/14/18
Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufacturers Maintenance Manual checklist as a guide. Installed new brake linings, p/n 066-10600, both wheels. Repacked main wheel bearings. Cleaned gascolator filter. Replaced vacuum regulator filter p/n #B3-5-1. Installed new right main landing gear tire part #072-312-0. Installed new nose landing gear tire part #504C61-2. Installed new fuel return line part #653273. Replaced cabin heat hose with 1.2ft of part#SCAT12. C/W SB DAC1-27-03 Rev. 0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2837.4 hours tach time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in airworthy condition.

W/O:18-7429

Sam Padgett
Sam Padgett 3970492 AP

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N465US **TACH: 2538.8** **AFTT: 3440.7** **DATE: 8/1/17**

Completed 100 HR Inspection IAW 14 CFR 43 Appendix D requirements using Diamond DA20-C1 100 HR checklist as a guide. C/W SB DAC1-27-03, Rev. 0 inspection of flap bellcrank, no cracks were found at this time, next due 2638.8 tach time. Inspected fuel bowl and cleaned screen. Adjusted nose wheel castor friction to 11 pounds pull force. Cleaned, inspected and greased main wheel bearings. Serviced all tires with air. **Removed rudder for inspection next due at 2738.8 tach time. Completed 500 HR Magneto inspection i/a/w Champion Aerospace "L1363F 4300/6300 Series Magneto Maint. and Overhaul Manual" sect. 3.3.** In right mag installed new brush p/n K3215 and new points p/n M3081. Left mag installed new primary contact p/n M3637 and new distributor and gear assy. p/n K3822 which included a brush. Reinstalled mags and timed to 26BTDC. **Replaced central air filter p/n D9-18-1.** Replaced vacuum regulator filter p/n B3-5-1. Installed new brake linings p/n 066-10600 with rivets 105-00200 in both main wheel brakes. Serviced brake reservoirs with hydraulic fluid. Removed alternator p/n 887-251, and installed new alternator p/n 887-251 s/n RC1702224. Installed new roller cage assy. p/n DS-RG3 on bulkhead behind fuel tank for elevator push rod. Installed new nose wheel castor stops p/n 20-3220-01-04. Completed fuel flow test, fuel system checked ok. Completed aircraft run up, all systems performed ok, no fuel or oil leaks noted. I certify that this Aircraft has been inspected IAW and 100 HR Inspection and was determined to be in airworthy condition.

W/O:17-7169

Don Lyall
Don Lyall AP 3396518

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N 465US **TACH:2564.6** **DATE:9-12-2017**

Trouble shoot charging system failure, intermittent. Found BATT positive terminal loose. Tightened. Inspected charging wiring, alternator, and belt. Found to be satisfactory.

W/O17-7260

Andrew Van Hoosen
Andrew Van Hoosen AP 3669691 IA

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N465US **TACH: 2588.4** **DATE: 9/26/2017**

Installed new vibration isolator, p/n SMB003-0200-9 on panel cover.

W/O 17-7279

Ronald Enck AP 3460446

Willamette Aviation Service, LLC **23115 Airport Rd. NE** **Aurora, OR 97002**

Make: DIAMOND INC Model: DA 20-C1 Reg. No.: N465US

Order No.: 73384 Completed: 10/16/17

S/N: C0405 Tach Time: 2637.70 TTAF: 3539.60

- Performed an Annual Inspection I.A.W. 14CFR 43 Appendix D and Diamond Service Manual.
- Complied with FAR 91.207 inspecting and testing ELT IAW Artex ACR Electronics, Inc. - no defects noted.
- Next due at Annual Inspection. Battery expires May/2019. ELT remote battery expires.
- Complied with S/B DAC1-27-03, Rev 0 - inspection of flap bellcrank.
- Recurring rudder inspection not due, will be due at 2738.8 tach time.
- IAW 14 CFR 91.205(d)(8) this aircraft is not certified for IFR or night flight until the Artificial Horizon instrument is operable, assuming all other requirements are met.
- Air filter element removed, inspected and reinstalled as it is serviceable.
- Inspected fuel bowl and screen, found no defects or debris.
- Installed 1 brake caliper O-ring PN: MS28775-218 and 2 brake linings PN: 066-10600 with rivets PN: 105-00200 on RH MLG.

I certify this aircraft was Inspected IAW an Annual Inspection and is deemed to be in an airworthy condition for return to service. Edwin Stearns AP 3413434 IA. *Edwin Stearns*

N308DC, performed engine run up and no leaks were noted.
WO 17-6990

Don Lyall AP 3396518
Don Lyall

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 2390.4 DATE: 3/30/2017
EGT probe disconnected and stowed. EGT gauge labeled INOP.
W/O 17-6990
Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 2395.5 DATE: 4/3/2017
Installed new canopy spring, p/n 20-5600-09-02 on right side. Installed serviceable aircraft battery from
N308DC.
W/O 17-6990
Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 2415.6 DATE: 4/24/2017
Installed new ELT battery, p/n BP-52. Next due 5/2019. ELT tested and inspected i/a/w 14 CFR 91.207(d)
checked ok. Next due 4/30/2018
W/O 17-7025
Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 2440.0 AFTT: 3341.9 DATE: 5/25/2017
Completed 100-hour Inspection IAW 14 CFR 43 Appendix D requirements using Manufacturers
Maintenance Manual checklist as a guide. Installed new brake linings, p/n 066-10600, both wheels. Re-
packed main wheel bearings. Installed new vacuum regulator filter, p/n B3-5-1. Cleaned gascolator filter.
Removed rudder, inspected and re-installed on aircraft. Next due 2640.0. C/W SB DAC1-27-03 Rev.
0 dated 3 March 2014, by inspection of flap bellcrank welds. No cracks seen. Next due, 2540.0 hours tach
time. I certify that this Aircraft has been inspected IAW a 100 Hr Inspection and was determined to be in
airworthy condition.
W/O: 17-7067
Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**
N465US TACH: 2450.5 DATE: 5/31/2017
Installed new tires, p/n 072-312-0, Left s/n 6236S00068 right s/n 6127S00112 and tubes, p/n 092-308-0,
both mains.
W/O 17-7080
Ronald Enck
Ronald Enck AP 3460446

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR 97333**
N465US TACH: 2472.5 HOBBS: 4481.9 DATE: 6/13/17
Owner defined CVO as KHID cleared user waypoint and errors went away. Work performed IAW
Garmin 400 series pilots guide 190-00356-00. Removed failed nav data card. Loaded current Nav
data on new card and installed card P/N 010-10201-01. Function tested GNS 430 and verified
Nav data functional. No discrepancies were noted. Work performed IAW Garmin 400 series IM
190-00356-00, Rev L.
I certify that this **Airframe** is airworthy with respect to the work performed
Ronald Enck