

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIR TIME AND

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

Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101,
March 9, 2021, 1201.0 hrs. Tach/TTAF

- 1) Checked prop torque.
- 2) Checked gascolator.
- 3) Wheel bearings, tires and brake pads satisfactory.
- 4) Start battery checked at 12.40 volts.
- 5) Instalied a new A508-14 lamp in right tail nav light.
- 6) Charged battery.
- 7) Installed a new RAB-3-5-1 suction regulator filter.
- 8) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory. Next battery replacement due May 2025.

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition.

(END)

John Fadok A&P 3471007 IA

Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101,
May 8, 2022, 1217.0 hrs. Tach/TTAF

- 1) Checked prop torque.
- 2) Checked gascolator.
- 3) Installed all new rudder cables and adjusted rudder system as per the Diamond service manual.
- Installed 2 qty p/n 20-2720-12-00 Fwd Short cables s/n CS0723624-09 and CS0723624-05,
2 qty p/n 20-2720-11-00 Fwd Long cables s/n CS0723623-14 and CS0723623-20,
2 qty p/n 20-2720-21-00 Aft cables s/n CS0723228-01 and CS0723227-01.
- 4) Installed a new MS29513-006 O-ring on fuel line.

- 4) Installed a new MS29513-006 o-ring on fuel tank sump drain valve.
 - 5) Cleaned and greased nose gear pivot. Set swivel tension as per Diamond service manual.
 - 6) Wheel bearings, tires and brake pads satisfactory.
 - 7) Start battery checked at 12.10 volts.
 - 8) Charged battery.
 - 9) Installed a new BA235 engine air filter.
 - 10) Installed a new AA battery in clock.
 - 11) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory.
- Next battery replacement due May 2025.

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition.

(END)

John Fadok A&P 3471007 IA

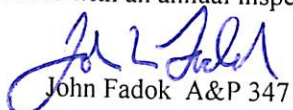
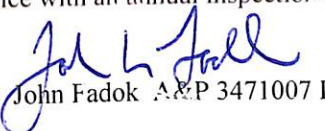
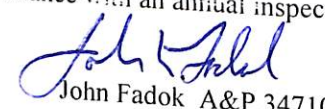
Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n 00101
June 8, 2023, 1222.8 hrs. Tach/TTAF
1) Checked prop torque

- 1) Checked prop torque.
- 2) Checked gascolator.
- 3) Wheel bearings, tires and brake pads satisfactory. Brake fluid level satisfactory on both sides.
- 4) Start battery checked at 12.20 volts.
- 5) Installed a new, owner supplied, Odyssey 925MJ battery (ODS-4GM28LMF)
- 6) Inspected E1 T EBC502 s/n 2059(4060) as required by FAR 91.27(d) and found satisfactory.

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in
airworthy condition.

(END;

John Fadok A&P 3471007 1A

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER	
	HRS.	MIN.	HRS.	MIN.					
BROUGHT FORWARD						DATE: 09-06-2019 MODEL: Diamond DA20-C1 S/N: C0101 TACH: 4039.01 HM: 0127.0 N# 901CT			
Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101, October 14, 2017, 1142.5 hrs. Tach/TTAF 1) Checked prop torque and adjusted as needed. 2) Checked gascolator. 3) Checked wheels and bearings, aired tires. 4) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory. Next battery replacement due July 2018. I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition. (END)  John Fadok A&P 3471007 IA						Performed the following work in accordance with FAA form 337. Removed BendixKing Transponder KT-76C SN: 8317. Installed Stratus ESG ADS-B out transponder PN: 153510-000017 SN: 078452, Antenna PN: AV-801. Tested Transponder system to find Transponder system complies with FAR 43 Appendix F. Tested Altitude reporting to 20,000 feet and found it to comply with FAR 43 Appendix E para (c). No defects noted. Weight and balance was revised and placed in aircraft records. Unit Certification and warranty registration files by CRS# QCCR389K on file at the repair station.-----END Cert: A&P 3677532 sign 			
8-6-18			1431	.7	Replace ELT battery with GS-52 battery Tested ELT & placed back in airplane. New battery expires March 2020 Eric Roberts	Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101, December 21, 2019, 1195.8 hrs. Tach/TTAF 1) Checked prop torque. 2) Checked gascolator. 3) Wheel bearings, tires and brake pads satisfactory. 4) Start battery checked at 12.31 volts. 5) Installed a new BA-235 engine air filter. 6) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory. Next battery replacement due March 2020. I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition. (END)  John Fadok A&P 3471007 IA			
Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101, November 19, 2018, 1163.9 hrs. Tach/TTAF 1) Checked prop torque. 2) Checked gascolator. 3) Cleaned and repacked main wheel bearings. 4) Cleaned and lubricated nose gear swivel, set nose gear swivel tension. 5) Installed a new customer provided A600 right nav/strobe assembly. 6) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory. Next battery replacement due March 2020. I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition. (END)  John Fadok A&P 3471007 IA						2-5-2021 N901CT TACH 1200.2 ACTT 1200.2 PTT 1200.2 TSN 1200.2 This aircraft has been inspected and was found to be in safe condition for intended ferry flight fro KAKH to OA7. All applicable AD's have been complied with. END.  Frederick Martin Scarnecchia AP3496722			
Academy Of Aviation Gastonia Municipal Airport 7-9-2019 N901CT TACH 1180.1 Removed Attitude gyro P/N 23-501-06-16 S/N T68636L, and installed factory overhauled unit P/N 23-501-06-16 S/N T43693J. Replaced vacuum filter P/N RAD9-18-1. Ground run engine and check for proper operation. No further discrepancy noted at this time.-END-  Frederick Martin Scarnecchia AP3496722						June 6, 2020 Replaced ELT battery with new GS-52 Battery. Tested ELT and placed back in aircraft. Battery expires May 2025.			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRY
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	599.6		599.6		
5/2/2011	699.2		699.2		100hr Inspection C/w IAW FAR 43 Appendix D and Diamond DA20-C1 AMM. ALL NORMAL SERVICES. Replaced Rubber Cables and Rigged Rubber for Diamond AMM Chapter 27-20-00. Replaced Nut Plate in Baggage Pk. I cert. it This Aircraft to be in Airworthy Condition. <i>John W. Broadhead</i> A&P 2682157
The E.L.T. was inspected and tested and found to comply with the requirements of FAR 91.207(a) D, 1, 2, 3 & 4. The next battery replacement is due at 7/2012.					
ALL AD's Completed with.					
05/02/2011			699.2		
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION					
<i>John W. Broadhead</i> AP3476543EA					

FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.			
TRANS PONDER #1	MAKE: King	MODEL: KT 76C	S/N 8317
TRANS PONDER #2	MAKE: N/A	MODEL: N/A	S/N N/A
DATE 4/25/12	W/O 262	Inspector: Donna M.	
ASG AVIATION MAINTENANCE LLC. (864) 299-5084 FAA Repair Station Number: G86R093L			

ENGINEERING RECORD

8

ASG Aviation Maintenance
552 Perimeter Road Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

DATE: 5/2/2012 TACH: 752.4
REG. #: N901CT AIRCRAFT S/N: C0101

Replaced the following components: Left and right brake linings with new P/N 066-10600, Pilots vent window screws with customer supplied P/N 301.12.0039 screws, ELT battery with new customer supplied P/N GS-52 battery, main alternator bracket with new customer supplied P/N 22-2412-14-00. Removed debris from upper cowl fireproof coating from oil cooler. Tightened fuel level indicator in instrument panel. Performed nose gear fork inspection per DAC1-32-03 Rev 0 dated 15 July 2011. Re-painted fireproof coating on deteriorated portions on inside of upper and lower cowls using fire retardant paint P/N N56582_T508 and clear coat P/N 9008B0900D. Replaced induction air filter with new Bracket BA 235 E filter.

Donald E Qualls
Donald E Qualls
A&P 3400943

ASG Aviation Maintenance
552 Perimeter Road, Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

N901CT Aircraft S/N: C0101
DATE: 5/2/2012 TACH: 752.4 TTAF: 752.4

Completed annual/100 hour inspection per FAR 43, Appendix D this date. Inspected ELT per FAR 91.207(d) and found to be in satisfactory condition. ELT battery expires MAY 2014. Researched ADs through latest ATP online revision dated 4/30/2012. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John W. Broadhead
John W. Broadhead
3507796 IA

Airframe Logbook Addendum N901CT, Diamond DA20-C1, s/n C0101,
June 21, 2013, 0849.0 hrs. Tach/TTAF

- 1) Installed all new nose gear rubber pucks as follows: 10 qty. p/n 12-3220-05-06 and 1 qty. p/n TC1-9032-23-11.
- 2) Cleaned and repacked main wheel bearings.
- 3) Checked main landing gear alignment. Found left gear toed out 0.5 degrees and right gear toed out 0.3 degrees. Added p/n 20-3210-00-16 1.0 degree shim to left gear. Final results left gear toed in 0.5 degrees and right gear toed out 0.3 degrees which is within service manual limits. Camber checked within limits.
- 4) Rotated right tire. Installed a used, servicable, customer supplied tire on right main landing gear.
- 5) Adjusted nose gear swivel tension.
- 6) Prop bolt torque check ok. Repainted aft prop face.
- 7) Corrected mixture control lock operation by realigning knob.
- 8) Cleaned gascolator.
- 9) Installed new BA235 air filter element.
- 10) Inspected ELT EBC502 s/n 2059(4060) as required by FAR 91.207(d) and found satisfactory. Next battery replacement due May 2014.

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition.

(END)

John W. Broadhead
John W. Broadhead A&P 3471007 IA

CARRIED FORWARD

AIR TIME AND

ASG Aviation Maintenance

552 Perimeter Road, Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

DATE: 4-21-09, TACH: 545.5, TTAF: 545.5

Completed annual/100 hour inspection per FAR 43, Appendix D and Diamond DA20-C1 inspection checklist this date. Inspected ELT per FAR 91.207(d) and found to be in satisfactory condition. ELT battery expires **FEBRUARY 2010**. The following repairs were accomplished: Replaced landing light lense cover. Replaced RH towbar adapter plug in nose wheel fork. Replaced valve core in LH main tire tube. Replaced instrument air filter. Researched AD's through ATP revision 2009-08F, dated 4-17-09. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John W. Broadhead
1054625471A

ASG Aviation Maintenance
552 Perimeter Road, Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

DATE: 4/26/10, TACH: 599.6, TTAF: 599.6

Completed annual/100 hour inspection per FAR 43, Appendix D and Diamond DA20-C1 inspection checklist this date. Inspected ELT per FAR 91.207(d) and found to be in satisfactory condition. ELT battery expires **APRIL 2012**. Researched AD's through ATP revision 2010-08F, dated 4/16/10. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John W. Broadhead
1054625471A

ASG Aviation Maintenance
552 Perimeter Road Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

DATE: 12/30/2010 TACH: 662.9
Installed aux.power receptacle P/N 371849. Installed new seal RG battery P/N BC100-1-MJ. Operational check satisfactory.

Donald E Qualls
A&P 3400943

Mar. 20, 2010

Replaced ELT Battery with new GS 52
Battery. Tested ELT operation and placed
unit back in airplane.

ELT Battery expires Apr. 2012
Eric Roberts

FAR 91.413 THE ATC TRANSPONDERS AND
INSPECTIONS AS REQUIRED BY FAR 91.413 WERE
PERFORMED THIS DATE AND FOUND TO COMPLY WITH
PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANS PONDER #1	MAKE: <i>King</i>	MODEL: <i>KT76C</i>	S/N <i>8317</i>
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TRANS PONDER #2	MAKE:	MODEL:	S/N
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DATE <i>4-23-10</i>	W/O <i>210</i>	Inspector: <i>John W. Broadhead</i>
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ASG AVIATION MAINTENANCE LLC. (864) 299-5084
FAA Repair Station Number: G86R093L

LICENCE
NUMBER

DATE: 3-27-07, TACH: 422.5, TTAF: 422.5

Completed annual/100 hour inspection per FAR 43, Appendix D and Diamond DA20-C1 Inspection checklist this date. Inspected ELT per FAR 91.207(d) and found to be in satisfactory condition. ELT battery expires JANUARY 08. The following repairs were accomplished: Installed quick disconnect plug for oil temp probe wires at oil drain plug. Replaced nose tire with new Goodyear 5.00X4, 6 ply Aircraft Rib tire. Replaced LH/IB & both RH brake linings. Replaced 1 plastic screw on pilot's side vent window. Researched AD's through ATP revision 2007-06F, dated 3-23-07. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John W. Broadhead

John W. Broadhead
105462547IA

ASG Aviation Maintenance
552 Perimeter Road Greenville, S.C. 29605
(864) 299-5084 (Voice) (864) 299-0324 (Fax)

8/3/2007, Diamond DA-20-C1, S/N: C0101, N901CT
TACH: 457.4

Drained oil removed oil filter, cut oil filter open for inspection (no particles noted). Serviced with 6 quarts of Aeroshell 15W50 oil and a Champion CH48108 filter. Replaced tail skid (P/N: 22-5300-40-00) customer provided. Post maintenance check satisfactory.

Eric J. Barnhill

Eric J. Barnhill 2759877 IA

ASG Aviation Maintenance
552 Perimeter Road Greenville, S.C. 29605
(864) 299-5084 (Voice) (864) 299-0324 (Fax)

4/9/2008, Diamond DA20-C1, S/N: C0101, N901CT

I certify that I have inspected this aircraft and determined it to be in safe condition for ferry flight from AKH direct to GYH.

Eric J. Barnhill

Eric J. Barnhill 2759877 IA

ASG Aviation Maintenance, LLC.
552 Perimeter Road Greenville, S.C. 29605
(864) 299-0314 (Voice) (864) 299-0324 (Fax)

4/11/2008, Diamond DA20-C1, S/N: C0101, N901CT
TACH: 483.5, HOBBS: 636.6, TTAF: 483.5

Completed annual/100 hour inspection as per FAR 43, appendix D checklist this date ELT checked IAW FAR 91.207 (d) and found to be in satisfactory condition, battery replaced, battery due for replacement: 2/2010. The following repairs were accomplished: #4 CHT probe worn through, repaired probe wire and re-secured. Both main tires replaced with Condor 500 x 5, 6 ply. Spring eye replaced (P/N: 20-2722-11-04 and spring reattached. AD's researched through ATP version 2008-07F dated 4/4/2008, no AD on this aircraft at this time. Post maintenance checklist, and leak check satisfactory, no abnormalities found. I certify this aircraft has been inspected IAW a annual/100 hour inspection and was found to be in airworthy condition.

Eric J. Barnhill

Eric J. Barnhill 2759877 IA

Feb. 26 2008 Hobbs:

Replaced ELT Battery with new 6-552 battery.

Also replaced 9V annunciator battery.

Tested ELT operation and reinstalled in aircraft.

New battery expires Feb. 2010

Eric Roberts

Eric J. Barnhill 2759877 IA

AIR TIME AND

ENGINEERING RECORD

4

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.			
BROUGHT FORWARD							

AIRCRAFT: DIAMOND DA20-CA SN C0101 N901CT 191 HRS TOTAL TIME
ENGINE: CONTINENTAL IO-240B SN 1E-32/806987 191 HRS TOTAL TIME
PROPELLER: SENSENICH

1. AIRCRAFT INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX D AND SERVICED USING DIAMOND AIRCRAFT MAINTENANCE CHECKLIST. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.
2. REPLACED ELT BATTERY NEW REPLACEMENT DATE FEB. 2004.
3. REPLACED BOTH MAIN TIRES WITH McCARRY AIR HAWK 500x5 6 PLY TIRES, USING NEW 500x5 TUBES.
4. REPLACED WING ROOT GAP SEALS WITH DIAMOND SUPPLIED GAP SEAL TAPE.
5. REPLACED VACUUM REGULATOR FILTER B3-5-1.
6. REPLACED CENTRAL AIR FILTER PN D9-18-1.
7. SW SENSENICH SB R-18 BY RETORQUING PROP TO 225 IN. LBS. AND SAFTING PROP WITH .040 SAFTY WIRE.
8. CW DIAMOND SB DCA 1-55-01A REV. 3 AS PER SB REPLACING FORWARD LOWER MOUNTING BRACKET PN 22-5300-62-01.
9. CW DIAMOND SB DAC1-24-05 REV. 1 AS PER SB AND INSTALLING B&C SPECIALTY PRODUCTS BC10 1 BATTERY.
10. FAR 91.207d ELT INSPECTION CW BY ADR AVIONICS SEE YELLOW TAG FOR DETAILS.
11. DETAILS OF THIS INSPECTION ON FILE AT THIS REPAIR FACILITY UNDER WO 2122

DATE: 02-25-02

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determined to be in an airworthy condition.

Date 02-25-02 Tach/Hobbs Time 191

Total Time: 191

Authorized Signature [Signature] (A 19342531)

WITMER'S AIRCRAFT SERVICE
READING REGIONAL AIRPORT
READING, PA 19605
810-373-0232

AIRCRAFT: DIAMOND DA20-CA SN C0101 N901CT 193 HRS TOTAL TIME
ENGINE: CONTINENTAL IO-240B SN 1E-32/806987 193 HRS TOTAL TIME
PROPELLER: SENSENICH W69EK7-63 193 HRS TOTAL TIME O HRS SINCE REPAIR

1. REMOVED BIRD NEST FROM ENGINE.
2. SERVICED TIRES WITH AIR.
3. CW SB DAC1-61-01AMKO BY REPLACING BUSHINGS IN PROP ADAPTER AND HAD PROP MODIFIED BY SENSENICH PROPELLER, SEE 8130 TAG, INSTALLED 7/16 BOLTS AND NUTS AND TORQUED AS PER SENSENICH INSTALLATION AND MAINTENANCE DOC. #W69EK7-CF.

DATE: 12-16-02

PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS SERVICE FACILITY UNDER

WORK ORDER 1258

Authorized Signature [Signature] (A 19342531)

WITMER'S AIRCRAFT SERVICE
POTTSTOWN MUNICIPAL AIRPORT
1149A GLASGOW STREET
POTTSTOWN, PA 19464
810-323-0320

CARRIED FORWARD

JUNE 1, 2003 TOTAL TIME: 202 HOURS

AIRCRAFT INSPECTED AND SERVICED IN ACCORDANCE WITH DIAMOND DA20-CI CHECKLIST. AIRFRAME CLEANED AND LUBRICATED. REPLACED CANOPY SLIDE WINDOW SCREENS. REPLACED CANOPY LOCK AND CAM ASSEMBLY. DETAILS ON FILE U.O. 2425.

C/W 91.207(d) ELT. INSPECTION

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determined to be in an airworthy condition.

Date 6-1-03 Tach/Hobbs Time: 202

Total Time: 202

Authorized Signature [Signature] (A 19342531)

WITMER'S AIRCRAFT SERVICE
POTTSTOWN MUNICIPAL AIRPORT
1149A GLASGOW STREET
POTTSTOWN, PA 19464
810-323-0320

12/30/2003 Tach Time 203.0

Charged Battery and serviced all TIRES END

[Signature]
CRS A402094C HSC WORK 03-3469

Transponder K176C S/N Ramp has been tested in accordance with FAR 43 Appendix F to comply with FAR 91.413.

Workorder No. 6217 Date 12-19-04

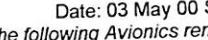
Signature: [Signature]

RED EAGLE AVIONICS, INC.
New Castle, DE 19720
302-325-2727
CRS# VRUR564L

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD	INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD								
MAY 16, 2000	TACH: 18.6	HOURS	COMPLIED WITH SENSENICH SERVICE BULLETIN R-18 BY REMOVING, INSPECTING, RETORQUE OF PROP. INSPECTION & RETORQUE DUE @ 28.16 HOURS.			(6/16/00 continued) Recheck torque in 50 hrs @ 84.8 tach. Details of this inspection are available under work order # 1731.		
			PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS SERVICE FACILITY UNDER WORK ORDER # 1701			I certify that this aircraft has been inspected in accordance with an <u>hourly</u> inspection and has been determined to be in an airworthy condition.		
			WITNESS AIRCRAFT SERVICE READING REGIONAL AIRPORT READING, PA 19603 610-773-6222			Date <u>6/16/2000</u> Tech/Hobby Time <u>34.8</u> Total Time: <u>34.8</u> Authorized Signature <u>[Signature]</u> AP247902329JA		
						WITMER'S AIRCRAFT SERVICE 1 SADING REGIONAL AIRPORT READING, PA 19603 610-773-6222		
JUNE 9, 2000	TACH 31.5	HRS	COMPLIED WITH SENSENICH SERVICE BULLETIN R-18 BY REMOVING SPINNER + 3ARTY WIRE AND CHECKING TORQUE OF PROP BOLTS ALL BOLTS MAINTAINED 250 INCHES TORQUE RECHECK TORQUE IN 50 HRS TACH 81.5.			9-28-00 REMOVED NOSR TIRE + DISASSEMBLED REMOVED TUBE + REPLACED WITH A NEW GOODYEAR 500x4 TUBE REASSEMBLED TIRE INFLATED TO 26 PSI + INSTALLED ON AIRCRAFT CW SENSENICH SB R18 BY RETORQUING PROP. SEE SB FOR DETAILS. AIRCRAFT TACH TIME. 88.1		
			PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS SERVICE FACILITY UNDER WORK ORDER # 1729			PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS SERVICE FACILITY UNDER WORK ORDER # 1801		
			WITNESS AIRCRAFT SERVICE READING REGIONAL AIRPORT READING, PA 19603 610-773-6222			WITMER'S AIRCRAFT SERVICE READING REGIONAL AIRPORT READING, PA 19603 610-773-6222		
JUNE 16, 2000	Tach 34.8	hours.	Completed inspection this date I/A/W the 100 hr column of Diamond Maintenance checklist DA20-C1 AMM and found this aircraft approved for return to flight. Inspection observed by Glenn M. Lawler, Diamond Field Service Representative. Installed new vacuum regulator filter and adjusted vacuum to 5.5 psi @ 1700 rpm. Trimmed left wheel pant to maintain 3" clearance w/ gear leg. Removed ELT for service and placarded panel. Complied w/ Seasenich S.B. R18 by backing off and re-torquing all prop bolts to 250" and resafing. (continued)			Jan 11, 2001 Tach: 126 hours. Completed annual inspection I/A/W Diamond maintenance checklist DA20-C1 AMM and found this aircraft approved for return to service. C/W S/B R-18 by backing off & retorquing all prop bolts to 250" and resafing. Installed winter bottle kit on cowling. Replaced all nylon screws in canopy slide windows w/ new parts. C/W 91.207(d) by having ELT tested by Aerodynamics of Reading. Installed & tested ELT for function. Remove quantity of water from trap in stall warning flex hose. Rotated L/M/G tire on wheel to even wear. Installed all new brake linings on both M/L/G. Installed new garter filter on vac. regulator. Details on file under W/O 1884	I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and has been determined to be in an airworthy condition.	
						Date <u>1-11-2001</u> Tech/Hobby Time <u>12.6</u> Total Time: <u>12.6</u> Authorized Signature <u>[Signature]</u> AP247902329JA		

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET


 Date: 03 May 00 S/N: C0101 Reg: N901CT WO#: 000074 TFAF: 7.0
The following Avionics removed:
 PS Engineering Intercom – model no. PM501
 Avionics wire harness P/N 22-2400-31-00
The following Avionics installed:
 PS Engineering Audio Panel w/marker – M/N 6000M S/N W05681-N04106M
 Avionic wire harness P/N 22-2400-24-00 (Av Pac II)
 Bendix King Transceiver – model no. KX155 S/N 33783
 Bendix King GPS/COMM – model no. KLX135A S/N 122946
 Bendix King Transponder – model no. KT76C S/N 8317
 Bendix King CDI – model no. KI209 S/N 75215
 Davtron Digital Clock/OAT/Voltmeter – model no. M803 S/N 03340
 KA26 Marker Beacon antenna installed.
 GPS placarded for VFR only.
 COMM 2 antenna installed.
 Winter baffle kit installed in accordance with Diamond Aircraft dwg 22-7130-00-00.
 Hand held microphone and bracket installed.
 EPU installed IAW Diamond dwgs. 20-2400-06-00, 22-2440-00-00, 22-2400-99-00.
 DAC1-74-02 – Starting Vibrator Battery – c/w
 TCM SSI 99-2 – Ignition system upgrade, Rev D vibrator installed.
 TCM SSI 99-3 – Removed lightweight starter P/N 654046 S/N 1169803AA and replaced with heavy duty starter P/N EQ6988 S/N A03072. Cluster Gear S/N 0003013 – **SSI 99-3 INSPECTION @ 100 HOURS.**
 TCM SSI 99-4 – Ignition Harness routing – c/w
 Senenich S/B R18A C/W Painted spinner bulkhead installed and prop bolts torqued to 250"lbs. **NEXT TORQUE CHECK DUE: 10 flight hours or 10 days**
 CF90-03 – Exhaust type and cabin heater inspection – c/w

FOR	N	30	60	E	120	150
STEER	357	030	060	090	116	146
FOR	S	210	240	W	300	330
STEER	175	210	242	272	300	327

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

DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL #161-93

Signature Ker Pappas Lic or Stamp _____

Date: 05 May 00 S/N: C0101 Reg: N901CT WO#: 000074 PropTT: 0.5
TTAF: 8.1 TACH: 8.1

Propeller S/N AD 9240 installed on a/c and indexed.
Sensenich S/B R18A - c/w Painted spinner bulkhead installed
Propeller bolts torqued to 250"/lbs.

Next torque due 10 flight hours or 10 days

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

DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL #161-93

Signature Ken Wagon Lic or Stamp

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNAT

Date: 03 May 00 S/N: C0101 Reg: N901CT WO#: 000074 TTAF: 7.0

I certify that the Static Pressure System has been inspected and tested In Accordance with chapter 571, Appendix B of the Airworthiness Manual F.A.R. 91:411.

DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL # 161-93

Signature Ken Meyer Lic. Or Stamp

Date: 03 May 00 S/N: C0101 Reg: N901CT WO#: 000074 TTAF: 7.0

I certify that the ATC Transponder and Altitude Reporting System(s) have been tested in Accordance with Chapter 571, Appendix F of the Airworthiness Manual F.A.R. 91:217 and F.A.R. 91:413

DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL #161-93

Signature Ken Meyer Lic or Stamp.

Date: 03 May 00 S/N: C0101 Reg: N901CT WO#: 000074 TTAF: 7.0

The ELT was tested and inspected in Accordance with Chapter 571Appendix G of the Airworthiness Manual and F.A.R. 91: 207 (d).

ELT Annual due: October 2000

ELT Battery due: October 2001

ELT S/N: 204976GC

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

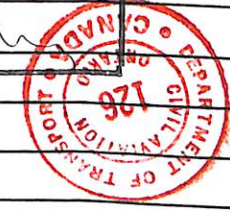
DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL #161-93

Signature Ken Meyer Lic or Stamp

AIR TIME AND

ENGINEERING RECORD

1

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD	INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER																											
	HRS.	MIN.	HRS.	MIN.																															
BROUGHT FORWARD																																			
DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVED MANUFACTURER 161-93																																			
SERIAL NUMBER: C0101 REGISTRATION: N901CT																																			
COMPASS DEVIATION, ALL ELECTRICS ON																																			
<table border="1"> <tr> <td>FOR</td> <td>N</td> <td>30</td> <td>60</td> <td>E</td> <td>120</td> <td>150</td> </tr> <tr> <td>STEER</td> <td>360</td> <td>032</td> <td>063</td> <td>091</td> <td>120</td> <td>148</td> </tr> <tr> <td>FOR</td> <td>S</td> <td>210</td> <td>240</td> <td>W</td> <td>300</td> <td>330</td> </tr> <tr> <td>STEER</td> <td>178</td> <td>208</td> <td>239</td> <td>270</td> <td>298</td> <td>327</td> </tr> </table>					FOR	N	30	60	E	120	150	STEER	360	032	063	091	120	148	FOR	S	210	240	W	300	330	STEER	178	208	239	270	298	327			
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STEER	178	208	239	270	298	327																													
INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS																																			
DATE: SEPT. 16, 1999 INSPECTOR: T. McManis (DA Q17)																																			
SEPT. 21/99 00 00 SEPT. 21/99 1.5 1.5 SEPT. 22/99 1.3 2.8 SEPT. 27/99 2.3 5.1 SEPT. 30/99 0.2 5.3 JAN. 12/00 1.2 6.5					AIRCRAFT IS SERVICEABLE FOR FLIGHT.																														
I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE FOR FLIGHT.																																			
DATE: JAN. 13, 2000 INSPECTOR: T. McManis (DA Q16)																																			
May 03 00 TACH 7.0 7.0																																			
7.0					CARRIED FORWARD																														
					I certify that the ATC Transponder & Altitude Reporting System(s) have been tested in accordance with Chapter 571, appendix F of the Airworthiness Manual and F.A.R. 91.217: & F.A.R. 91.413																														
					DATE: SEPT. 16, 1999 INSPECTOR: T. McManis (DA Q16)																														
					The ELT was tested and inspected in accordance with Chapter 571, Appendix G of the Airworthiness Manual and F.A.R. 91.207(d)																														
					DATE: SEPT. 16, 1999 INSPECTOR: T. McManis (DA Q16)																														
					PERFORMANCE TEST Due: JUNE 2000 BATTERY Due: JUNE 2000																														
					I certify that the Static Pressure system has been inspected & tested in accordance with Chapter 571, Appendix B of the Airworthiness Manual, and F.A.R. 91.411																														
					DATE: SEPT. 16, 1999 INSPECTOR: T. McManis (DA Q16)																														
					THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS) AND IS SERVICEABLE.																														
					DATE: SEPT. 21, 1999 INSPECTOR: T. McManis (DA Q16)																														
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					U.S. STANDARD AIRWORTHINESS CERTIFICATE ISSUED																														
					DATE 28 JAN 2000 AND INSTALLED IN THE																														
					AIRCRAFT ON BEHALF OF THE FAA ON:																														
					DATE 28 JAN 2000 MIDO 46																														
																																			

AIRCRAFT

1. Nationality and Registration N 901CT
2. Manufacturer's Designation DA 20-C1
3. Manufacturer's Serial Number C.0101
4. Type Approval or Specification Number A-191/TA4CH
5. Date of Manufacture 2000
6. Aircraft Inspection Cycle