

AIRCRAFT S/N  
C0414

	ARTEX AIRCRAFT SUPPLIES, INC. 14405 Kell Rd. ME Aurora, OR 97002 (503) 678-7929 800-547-8901
LOG BOOK ENTRY	8/20/2009
E.L.T. BATTERY REPLACEMENT DATE	Nov 2015

# AIRCRAFT TECHNICAL LOGS

## Section 1. AIRFRAME

100 hr

Annual/ET

Oil/150hr

Transponder

AIRCRAFT

N144TX

1. Nationality and Registration ~~N474DS~~ N144TX
2. Manufacturer's Designation DA20-C1
3. Manufacturer's Serial Number C0414
4. Type Approval or Specification Number A-191/TA4CH
5. Date of Manufacture 2007
6. Aircraft Inspection Cycle \_\_\_\_\_

100 hr

Annual/EIT

Altimeter  
Pitot/Static

Transponder

# 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
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	0	0	0	0	AIRCRAFT NEW



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



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

<u>SERIAL NUMBER</u>	<u>REGISTRATION MARK</u>	<u>DATE</u>	<u>INSPECTOR</u>
C0414	N474DS	26 January, 2007	<i>James R. Rolland</i> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">DA Q 23</span>



23 JANUARY 2007 S/N C0414  
COMPASS DEVIATION, ALL ELECTRICS ON



INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

FOR	N	30	60	E	120	150
STEER	358	030	061	090	119	146
FOR	S	210	240	W	300	330
STEER	179	211	244	272	299	325

<u>DATE</u>	<u>INSPECTOR</u>
26 January, 2007	<i>James R. Rolland</i> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">DA Q 19</span>

JAN 26 2007	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
JAN 26 2007			2.	0	
JAN 29 2007			2.	0	AIRCRAFT SERVICEABLE FOR FLIGHT
JAN 29 2007			3.	4	
JAN 30 2007			3.	4	AIRCRAFT SERVICEABLE FOR FLIGHT
JAN 30 2007			3.	9	
FEB 12 2007			3.	9	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 12 2007			4.	5	
FEB 15 2007			4.	5	ALL DISCREPANCIES RECTIFIED



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

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE FOR FLIGHT.

<u>DATE</u>	<u>INSPECTOR</u>
FEB 15 2007	<i>James R. Rolland</i> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">DA Q 23</span>

4.5	CARRIED FORWARD
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# ENGINEERING RECORD

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

SIGNATURE

LICENCE  
NUMBER



I certify that the Static Pressure system has been inspected and tested in accordance with Standard 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411

DATE

INSPECTOR

26 January, 2007

*James M. Rolland* DA  
Q 23

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

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

**ANNUAL INSPECTION DUE: JANUARY 2008**

**BATTERY DUE: SEPTEMBER 2008**

THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS) AND IS SERVICEABLE.

DATE

INSPECTOR

January, 2007

*James M. Rolland* DA  
Q 23

DATE

INSPECTOR

26 January, 2007

*James M. Rolland* DA  
Q 23

<i>James M. Rolland</i>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">DA Q 23</span>
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<i>James M. Rolland</i>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">DA Q 23</span>



U.S. Standard Airworthiness Certificate, issued:

(Date) FEB 16 2007, has been installed in the aircraft on behalf of NE-MIDO-46 on:

(Date) FEB 16 2007  
 (Print) R Salton (Signature) *R Salton*



100 hr

Annual/ET

AIT

Transport

# 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
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			4.	5	
					DATE: 4/16/77 TACH 25.7 TOT 25.7 Clw Diamond 25 Hr Insp Checklist. <i>[Signature]</i> JAW 2572500 CART #
					DATE: 4/20/77 TACH 43.8 TOT 43.8 Clw Diamond 43.8 Hr Insp Checklist. <i>[Signature]</i> JAW 4380000 CART #
					DATE: 6/14/77 TACH 100.5 TOT 100.5 Clw Diamond 100 HR Insp checklist. checked AD compliance, see list. Replaced induction air filter. I certify this aircraft has been Insp IAW a 100 HR Insp and was determined to be in an airworthy condition. <i>[Signature]</i> Jonathan Senn A+P456914556
					CARRIED FORWARD

# ENGINEERING RECORD

**INSPECTION, REPAIRS & REPLACEMENT**

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

SIGNATURE

LICENCE  
NUMBER

*James Young*

DA  
Q 23

DATE 9/25/07 TACH 200.0 TOT 200.0

Replaced induction air, vacuum reg filter.  
Replaced nose strut shock disc.  
Checked oil filter with mag. C/W D. 100hr.  
200hr Insp Checklist. Checked AD compliance,  
see list. I certify this aircraft has been Insp A/W a  
100hr Insp and was determined to be in an airworthy  
condition

*James Young*  
James Young

A&P 465630563  
Cert #

DATE 10/26/07 TACH 269.5 TOT 269.5

Replaced armature on new unit PN 190-A-1-382  
checked good

*James Young*  
James Young

A&P 465630563  
Cert #

DATE 11/13/07 TACH 299.4 TOT 299.4

Replaced induction air, vacuum reg filter.  
Replaced both main tires & repacked wheel  
bearings. Replaced all brake shims & L disc  
C/W D. 100hr Insp Checklist.  
Checked AD compliance. see list. I certify this  
aircraft has been Insp A/W a 100hr Insp and was  
determined to be in an airworthy condition

*James Young*  
James Young

A&P 465630563  
Cert #

100 hr

Annual / IT

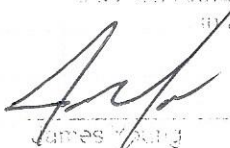
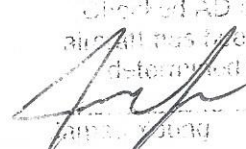
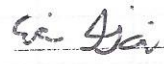
A/T  
100 hr / 100 hr

Transponders

# AIR TIME AND

## ENGINEERING RECORD

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

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		
	HRS.	MIN.	HRS.	MIN.	
					<p style="text-align: center;">DATE 2/8/08 TACH 372.2 TOT 372.2</p> <p style="text-align: center;">Replaced induction air filter, vacuum filter C/W Diamond 100hr Insp Checklist, lubricated aircraft.</p> <p style="text-align: center;">Checked AD compliance. I certify this aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">               James Young         </div> <div style="text-align: center;"> <u>A&amp;P4657105521A</u>              Cert. #         </div> </div>
03/14/08					<p style="text-align: center;">REPLACED ACFT. BATT CP'S</p> <p style="text-align: center;">CK'ED OK.</p> <p style="text-align: center;"><i>J. Mangin</i> A &amp; P 262461736</p>
					<p style="text-align: center;">DATE 05/08 TACH 472.7 TOT 472.7</p> <p style="text-align: center;">Replaced induction air, vacuum regulator</p> <p style="text-align: center;">Replaced Air brackets &amp; rear prop spinner</p> <p style="text-align: center;">C/W Diamond 100hr Insp Checklist</p> <p style="text-align: center;">Checked AD compliance. see list. certify this aircraft has been Insp IAW a 100hr Insp and was determined to be in an airworthy condition.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">               James Young         </div> <div style="text-align: center;"> <u>A&amp;P465510550</u>              Cert. #         </div> </div>
					<p style="text-align: center;">DATE 01/10/08 TACH 511.2 TOT 511.2</p> <p style="text-align: center;">C/W flight rest IAW Diamond &amp; Conquest Maintenance Manuals, Diamond SB DAC1-73-04 Rev 3 &amp; Continental SLD77A.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">               James Young         </div> <div style="text-align: center;"> <u>3055333 CFI EA/CA</u>              Cert. #         </div> </div>
					CARRIED FORWARD

# ENGINEERING RECORD

**INSPECTION, REPAIRS & REPLACEMENT**

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

SIGNATURE

LICENCE  
NUMBER

DATE 7/17/08 TACH 541.5 TOT 541.5  
C/W flight test IAW Continental SID 97-3 REV D

*James Jones*

3077479 (510710)

Cert. #

DATE 8/1/08 TACH 548.2 TOT 548.2

Obtained form from SA cause the repair of which  
caused engine to not start took Pil to 3200. 1400.

*[Signature]*

A&P2073029

Cert. #

DATE 9/4/08 TACH 570.6 TOT 570.6

Replaced induction air, vacuum reg filter.  
C/W Diamond 200Hr Insp Checklist.  
Checked AD compliance, see list. I certify this  
aircraft has been insp IAW a 100hr Insp and was  
determined to be in an airworthy condition.

*[Signature]*

James Young

A&P2669238

Cert. #

DATE 9/4/08 TACH 571.7 TOT 571.7

Test C/W IAW Continental SID 97-3E, op's checked good.

*Charles Denton*

Pilot

2702625

Cert. #

DATE 10/1/08 TACH 618.6 TOT 618.6

Replaced Lt main tire, repacked wheel bearings.  
Replaced Lt brake linings.

*[Signature]*

James Young

A&P2669238

Cert. #

DATE 10/1/08 TACH 618.6 TOT 618.6

Replaced ELT main battery & 9 volt battery.  
Insp ELT IAW FAR 91 207d. Next due date  
Sept. 2010.

*[Signature]*

James Young

A&P2669238

Cert. #

100 hr

Annual / EIT

ALTimeter  
Pilot / Student

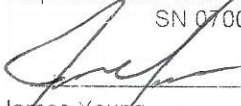
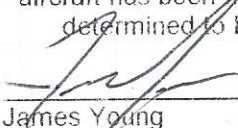


Transponder



# AIR TIME AND

## ENGINEERING RECORD

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

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					<p>DATE 10/24/08 OLD TACH 644.7 New TACH 0.0 TOT 644.7</p> <p>Replaced Tach with new unit PN SL1010-55003-13-H05 SN 0700 op's checked good.</p> <p style="text-align: center;"> James Young <span style="float: right;">A&amp;P2669238 Cert. #</span></p>
					<p>DATE 11/21/08 TACH 25.5 TOT 670.2</p> <p>Replaced nose gear disc &amp; rear prop spinner. Replaced induction air, vacuum reg filter. C/W Diamond 100Hr Insp Checklist. Checked AD compliance, see list. I certify this aircraft has been Insp IAW a 100hr Insp and was determined to be in an airworthy condition.</p> <p style="text-align: center;"> James Young <span style="float: right;">A&amp;P2669238 Cert. #</span></p>
					<p>DATE 11/14/08 TACH 7.6 SMOH 652.3 TOT 652.3</p> <p>Removed &amp; replaced right main tire &amp; repacked wheel bearings. All work done IAW Diamond service manual</p> <p style="text-align: center;"> Brad Moffet <span style="float: right;">467432257A&amp;P/IA Cert. #</span></p>
					<p>DATE 12/12/08 TACH 44.9 SMOH 689.6 TOT 689.6</p> <p>Removed &amp; replaced left main tire &amp; repacked wheel bearings. All work done IAW Diamond service manual.</p> <p style="text-align: center;"> Brad Moffet <span style="float: right;">467432257A&amp;P/IA Cert. #</span></p>
					CARRIED FORWARD

# ENGINEERING RECORD

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

SIGNATURE

LICENCE  
NUMBER

I CERTIFY THAT THE ALTIMETER(S) AND STATIC SYSTEMS(S) TESTS AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. ALTIMETER # 1 P/N 5934PD-3 S/N 459166 HAS BEEN TESTED TO 20,000 FEET ON 1-20-09. ALTIMETER # 2 P/N NA S/N NA HAS BEEN TESTED TO NA FEET ON NA. ENCODER # 1 P/N SSD120 S/N A66681 HAS BEEN MATCHED WITH ALTIMETER # 1 TO 20,000 feet ON 1-20-09. ENCODER # 2 P/N NA S/N NA HAS BEEN MATCHED WITH ALTIMETER # 2 TO NA ON NA.

I CERTIFY THAT TRANSPONDER #1 MAKE Garmin MODEL GTX 327 S/N 83726441 AND TRANSPONDER #2 MAKE NA MODEL NA S/N NA AS INSTALLED IN THIS AIRCRAFT HAVE BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE 1-20-09.

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. A090006 DATE 1-20-09 TACH/HOBBS 81.2

SIGNED \_\_\_\_\_

**TEXAS STATE TECHNICAL COLLEGE - AVIONICS DEPARTMENT**  
3801 CAMPUS DRIVE  
WACO, TX 76705  
(254)867-3386  
CRS# FT8R150Q

DATE: 02-25-2000 TACH 129.8 TOT 774.6 SMOH 774

Replaced induction air filter & vacuum filter. Replaced brake pads on Rt. side. Replaced starter motor and battery. C/W Diamond 100Hr Insp Checklist. Laminated aircraft inspection R/T IAW 012171. See AD list for compliance. I certify this aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

*Brad Moffitt*  
Brad Moffitt

A&P 1075785  
Cert. #

DATE 4/27/09 TACH 188.0 TOT 832.7

Replaced boost pump with new unit PN 5357-00-1 SN 0658 op's checked good, no leaks. Done IAW Diamond Maintenance Manual.

*James Young*  
James Young

A&P 2669238

Cert. #

Date 06-08-2009 N144TX TACH 225.0 TOT 869.7

Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced both brake linings on Rt. gear P/N 066-10600. C/W Diamond aircraft SB DAC1-25-01 rev2 ME406 ELT Installation. Removed and replaced ELT with new P/N 453-6603 S/N 188-03869. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.


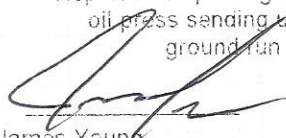
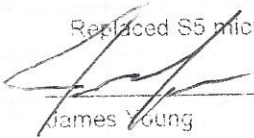
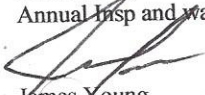

*Jonathan Senn*  
Jonathan Senn  
A&P 3328353

100 hr  
Annual/ELT  
Aircraft  
100hr/150hr  
Transponder

# AIR TIME AND

## ENGINEERING RECORD

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

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	✓	✓			✓
					 Date 08-20-2009    NI44TX    TACH 244.9    SMOH 889.6 Replaced ELT battery with new P/N 455-0012. Ops check good. Battery due date: NOV 2015 Jonathan Senn A&P 3328353
					DATE 10/1/09    TACH 270.1    TOT 914.8 Replaced oil press gauge PN 22-7930-01-00 & oil press sending unit PN 22-7930-00-04 ground run checked good.  James Young    A&P2669238    Cert. #
					DATE 11/19/09    TACH 317.7    TT 961.4 Replaced S5 micro-Switch on flap switch board  James Young    A&P2669238    Cert. #
					Date 01-21-2010    NI44TX    TACH 325.0    TOT 969.7 Replaced vacuum reg filter, central air filter and induction air filter. Replaced all brake linings & Rt brake disc. Replaced both main tires & repacked wheel bearings. Replaced both main gear axles & installed new axle nuts & axle spacer kits. Replaced pilots rudder adjust cable, all rudder sled bushings, both lower bushing in nose gear spring pack, Lt rudder sled frame latch, Lt instrument light & 8 rod ends on ailerons and flaps long push pull tubes. C/W AD93-05-05 replaced back plate, cups & lubed. C/W Diamond SB DAC1-53-01 Spar gussets. Overhauled fuel tank cap. C/W Diamond 1000Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.  James Young A&P2669238IA
					Date 03-17-2010    NI44TX    TACH 372.1    TOT 1016.8 Replace landing light. Replaced nose tire, nose gear forks, nose wheel axle bolt. All work done IAW Diamond maintenance manual  Steven McLeod A&P 3370601
					CARRIED FORWARD

# ENGINEERING RECORD

## INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE NUMBER

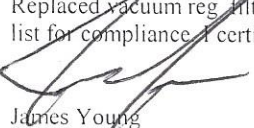
Date 5-10-2010 N144TX TACH 422.6 TOT 1067.3

Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced throttle and mixture dust covers. Replaced induction scat tubing. Replaced cowling oil door hinge. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

  
Steven McLeod  
A&P 3370601


Date 9-10-2010 N144TX TACH 520.9 TOT 1165.6

Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced all brake linings. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

  
James Young  
A&P2669238

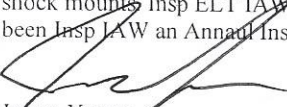
Date 10/13/2010 N144TX Tach 568.7 TOT 1213.4

Replaced Right main tire, Repacked wheel bearings IAW MM.

  
Steven McLeod A&P 3370601

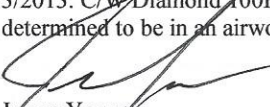
Date 12-10-2010 N144TX TACH 620.5 TOT 1265.2

Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced Lt main tire, nose shock disc & both lower eng shock mounts. Insp ELT IAW FAR 91.207d. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.

  
James Young  
A&P26692381A

Date 3-10-2011 N144TX TACH 720.5 TOT 1365.2

Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced all brake linings. Replaced starter vibrator battery, neat due 3/2013. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

  
James Young  
A&P2669238

100 hr

Annual / EIT

Aircraft Pilot / Student

Transponder

**Altimeter Test and Inspection**

Texas State Technical College  
3801 Campus Drive  
Waco, TX 767057  
CRS# FT8R150Q

**IR TIME AND**

Scale Error Test				Friction Test			
Altitude Feet	Tolerance Feet	Altimeter Reads	Status	Friction	Tolerance	Movement	Status
-1000	20	-1020	Pass	1000	70	30	Pass
0	20	5	Pass	2000	70	30	Pass
500	20	495	Pass	3000	70	30	Pass
1000	20	1000	Pass	5000	70	40	Pass
1500	25	1500	Pass	10000	80	40	Pass
2000	30	2010	Pass	15000	90	30	Pass
3000	30	3010	Pass	20000	100	40	Pass
4000	35	4010	Pass	25000	120		
5000	40	5095	Pass	30000	140		
6000	40	6095	Pass	35000	160		
8000	60	7990	Pass	40000	180		
10000	80	9970	Pass	50000	250		
12000	90	11965	Pass				
14000	100	13960	Pass				
16000	110	15960	Pass				
18000	120	17960	Pass				
20000	130	19960	Pass				
22000	140			28.50	-1190	-1730	Pass
25000	155			28.50	-795	-1335	Pass
30000	180			29.00	-330	-870	Pass
35000	205			29.50	150	-390	Pass
40000	230			29.52	540	0	Pass
45000	255			30.50	1065	525	Pass
50000	280			30.90	1430	850	Pass
				30.99	1510	970	Pass

Pressure-Altitude Difference					
Baro Scale	Altimeter Indication	Deviation from Ref	Allowed Deviation (+/- 25)	Status	
28.10	-1190	-1730	-1727	Pass	
28.50	-795	-1335	-1340	Pass	
29.00	-330	-870	-863	Pass	
29.50	150	-390	-392	Pass	
29.52	540	0	0	Pass	
30.50	1065	525	531	Pass	
30.90	1430	850	893	Pass	
30.99	1510	970	974	Pass	

Case Leak, Hysteresis and After Effect Checks			
Test	Tolerance	Indicated	Status
Case Leak	100	30	Pass
Hysteresis			
1st - 50% of max Alt	75	25	Pass
1st - 40% of max Alt	75	10	Pass
After Effects	30	5	Pass

Date: 2/23/2011  
 W/O #: A2011050  
 Altimeter Model #: 5834PD-3  
 Altimeter Serial #: 459188  
 Performed By: Troy K. Ellison  
 Encoder P/N: SSD120  
 Encoder S/N: A66681  
 The Encoder listed above was matched to this Altimeter to 20,000 feet on 2/23/2011

AIR FORCE ENGINEERING RECORD  
 NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

ALTIMETER(S) AND STATIC SYSTEMS(S) TESTS AS REQUIRED BY I PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. 734PD-1 S/N 459188 HAS BEEN TESTED TO ON 2/23/11. ALTIMETER # 2 P/N N/A HAS BEEN TESTED TO N/A FEET ON N/A. 112 S/N A66681 HAS BEEN MATCHED WITH 0,000 FT ON 2/23/11. ENCODER # 2 N/A HAS BEEN MATCHED WITH ALTIMETER N/A.

PONDER #1 MAKE Garmin MODEL GTX327  
 TRANSPONDER # 2 MAKE N/A MODEL N/A  
 AS INSTALLED IN THIS AIRCRAFT HAVE BEEN TESTED AS 413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. A2011050 DATE 2/24/11 TACH/HOBBS 700.2

SIGNED Troy K. Ellison

TEXAS STATE TECHNICAL COLLEGE - AVIONICS DEPARTMENT  
 3801 CAMPUS DRIVE  
 WACO, TX 76705  
 (254)867-3386  
 CRS# FT8R150Q

Date 06-8-2011 N144TX TACH 820.5 TOT 1465.2

Replaced vacuum reg filter, induction air filter and vacuum central air filter. Replaced both RH brake linings, Replaced RH main tire & repacked wheel bearings. Retorqued nose fork attachment nut. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition at this time.

Steven McLeod  
 Steven McLeod  
 A&P 3370601

Date 8-23-2011 N144TX TACH 920.0 TOT 1564.7

Replaced vacuum reg, filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced both brake linings on Lt main. Replaced Lt main and nose tires. Removed, dye pen inspected and repainted both steps. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. Inp ELT IAW FAR 91.207d. I certify this Aircraft has been Insp IAW a Annual Insp and was determined to be in an airworthy condition.

James Mangino  
 James Mangino  
 I/A 262461736

CARRIED FORWARD

# ENGINEERING RECORD

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

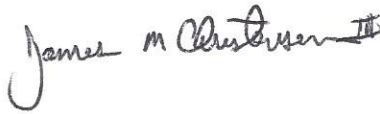
SIGNATURE

LICENCE  
NUMBER

10-26-11 Tach 0933.4 N144TX

Replace LH main inner tube with new, service wheel bearings, service nose and RH main tire with air.  
All found to be satisfactory for service.

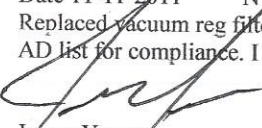
James M. Chrestensen III  
AP3507385



Date 11-11-2011 N144TX TACH 1018.7 TOT 1663.4

Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced both Rt brake linings. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

James Young  
A&P2669238



Date 2-17-2012 N144TX TACH 1117.2 TOT 1761.9

Replaced vacuum reg filter, induction air filter. Replaced both sets of brake linings, Replaced LM tire & repacked wheel bearings. Replaced LM brake disc. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition at this time.

Steven McLeod  
A&P 3370601

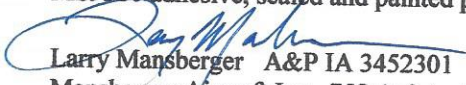


**May 5, 2012 N144TX Diamond DA20-C1 sn.CO414**

Removed left rear window, fit and bonded new factory window in accordance with AMM 56-11-00 with Terostat MS9380 adhesive, sealed and painted perimeter as required.

Larry Mansberger A&P IA 3452301

Mansberger Aircraft Inc. 758 Aviator Dr. Fort Worth, TX 76179



Date 5-23-2012 N144TX TACH 1217.0 TT 1861.7

Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced Rt main tire & all brake linings. Insp ELT IAW FAR 91.207d. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.

James Young  
A&P2669238IA



100 hr

Annual/ELT

AIT/Inspection/Photo/Storage

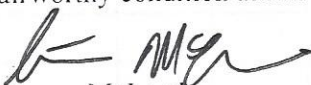
Transponder

# 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.	

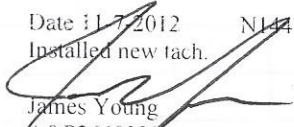
BRC FOF Date 9-12-2012    N144TX    TACH 1316.9    TOT 1961.6

Replaced vacuum reg filter, induction air filter. Replaced both sets of brake linings, Replaced LM tire and tube. Repacked wheel bearings. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition at this time.

  
Steven McLeod  
A&P 3370601


Date 11-7-2012    N144TX    OLD TACH 1405.6    NEW TACH 0.0    TT 2050.3

Installed new tach.

  
James Young  
A&P2669238

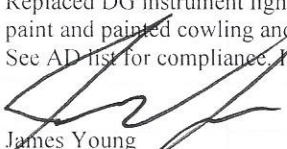
Date: 2/14/2013    N144TX    TACH 11.3    Eng TT: 0    A/F TT 2061.3

Installed model IO0240B32 S/N 1007249 engine on Diamond DA20-C1 S/N C0414. Installed 4 new engine isolator mounts and hardware, Replaced hardware for engine mount to firewall. Replace oil & Fuel hoses, air filter, intake, and cabin heat scat hose, all vaccum and breather hoses, throttle, mixture cables. Installed overhauled oil cooler S/N 507, Installed alternator and vaccum pump, installed exhaust, and propeller S/N Ah5758, Serviced with Phillips 20W50 X/C oil, Ground Test and Fuel system set up completed, no leaks at this time, All of above was done IAW Diamond & Continental maintenance Manuals, Test Flight required.

  
Russell Pelzel  
A&P Pending

Date 02-14-2013    N144TX    TACH 11.3    TT 2061.3

Replaced vacuum reg filter, central air filter and induction air filter. Replaced right brake linings & resealed right caliper. Replaced right main tire & repacked wheel bearings. Replaced pilots rudder adjust cable, nose gear strut, nose shock disc, nose gear fork and nose tire. Replaced DG instrument light & left flap bushings and hardware. C/W AD93-05-05 replaced back plate, cups & lubed. Removed old fire paint and painted cowling and lower fuselage with fire resistant paint. Overhauled fuel tank cap. C/W Diamond 1000Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.

  
James Young  
A&P2669238IA

CARRIED FORWARD

Date 2-18-2013 N144TX TACH 14.8 TT 2064.8  
 Test flight C/W, no discrepancies at this time.

Jesse Head

*Jesse Head*

JRE

LICENCE NUMBER

Date 02-14-2013 N144TX TACH 11.3 TT 2061.3  
 Inspected ELT IAW FAR 91.207d. Battery replacement due Nov. 2015.

James Young  
 A&P2669238

Date: 2/25/2013 N144TX Tach: 21.4 TOT:2071.4  
 Replaced turn coordinator P/N 1394T100-7Z S/N F04-11561

Russell Pelzel  
 A&P Pending

Date 3-14-2013 N144TX TACH 63.3 TT 2113.3  
 Installed overhauled DG PN 4000B-30 SN T70110N.

James Young  
 A&P2669238

I CERTIFY THAT THE ALTIMETER(S) AND STATIC SYSTEMS(S) TESTS AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. ALTIMETER # 1 P/N 5934PD-3 S/N 459188 HAS BEEN TESTED TO 20,000 FEET ON 3/21/13 ALTIMETER # 2 P/N MA S/N MA HAS BEEN TESTED TO MA FEET ON MA ENCODER

# 1 P/N TO 2 HAS B

CERT S/N 88 S/N REQUI DATE. PERTD ORDER SIGNE

Scale Error Test				Friction Test			
Altitude Feet	Tolerance Feet	Altimeter Reads	Status	Friction Movement	Tolerance	Status	
-1000	20	-1010	Pass	1000	70	25	Pass
0	20	5	Pass	3000	70	30	Pass
500	20	505	Pass	5000	70	30	Pass
1000	20	1005	Pass	7000	70	30	Pass
1500	25	1510	Pass	15000	100	50	Pass
2000	30	2010	Pass	20000	100	50	Pass
3000	30	3020	Pass	25000	120	50	Pass
4000	30	4020	Pass	30000	140	50	Pass
5000	30	5020	Pass	35000	160	50	Pass
6000	30	6020	Pass	40000	180	50	Pass
7000	30	7020	Pass	45000	200	50	Pass
8000	30	8020	Pass	50000	250	50	Pass
10000	30	10200	Pass				
12000	30	11975	Pass				
14000	100	13975	Pass				
16000	110	15960	Pass				
18000	120	17960	Pass				
20000	130	19950	Pass				
22000	140	19850	Pass				
25000	155						
30000	180						
35000	205						
40000	230						
45000	255						
50000	280						

Case Leak, Hysteresis and After Effect Checks			
Test	Tolerance (Feet)	Indicated Change	Status
Case Leak	100	15	Pass
Hysteresis	75	20	Pass
1st - 50% of max Alt	75	5	Pass
1st - 40% of max Alt	75	5	Pass
After Effects	30	5	Pass

Pressure-Altitude Difference			
Baro Altimeter	Indication from RA	Altitude Deviation (ft. ±)	Status
28.51	-450	-1727	Pass
28.50	-450	-1727	Pass
28.50	-165	-855	Pass
28.50	300	-392	Pass
28.97	690	0	Pass
30.51	1725	531	Pass
30.96	1670	974	Pass

Altimeter Test and Inspection  
 Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 767057  
 CRS# FTBR1500

100 hr

Annualed/ET

Altimeter Pilot/Static

Transponder

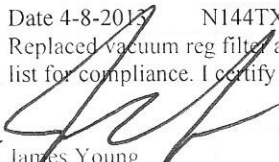


# AIR TIME AND

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					

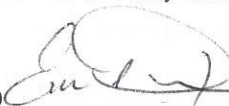
Date 4-8-2013    N144TX    TACH 110.3    TT 2160.3

Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced right main tire. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

  
James Young  
A&P2669238

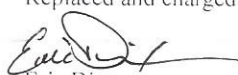
Date 6-21-2013    N144TX    TACH 207.6    TT 2257.6

Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced left main tire and both rt and lt break linings. Replaced starter batt. C/W Diamond 100Hr Insp Checklist. See AD list for compliance. I certify this Aircraft has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

  
Eric Dixon  
A&P 3617290

Date 7-31-2013    N144TX    TACH 220.4    TT 2270.4

Replaced and charged battery.

  
Eric Dixon  
A&P 3617290

Reg: N144TX  
Model: DIAMOND AIRCRAFT IND DA 21  
SN: C0414

Texas State Technical College  
3801 Campus Drive  
Waco, TX 76705

SD 4

Date: 10/7/2013  
TTA: 2355.9  
Tach: 305.6  
Hobbs: 2979.8

### Maintenance Record (Airframe)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D.

Removed and replaced right main tire, and break linings. Repair right caliper leak. Replaced induction air filter and vac filter.

I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

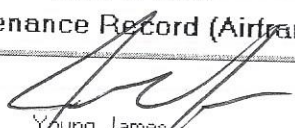
Dixon, Eric  
3617290 A&P

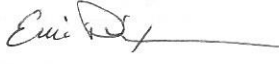



						CARRIED FORWARD

# ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
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Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 11/6/2013 TTA: 2410.0 Tach: 359.7 Hobbs: 3046.7
<b>Maintenance Record (Airframe)</b>		
Replaced left brake linings and resealed left caliper.		
 Young, James A&P 2669238		

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 11/11/2013 TTA: 2410.0 Tach: 359.7 Hobbs: 3046.7
<b>Maintenance Record (Airframe)</b>		
Performed a Discrepancy Repair inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Removed and replaced fuel pump with p/n 5367-00-1 s/n 0793 I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition		
Dixon, Eric 3617290 A&P 		

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 12/13/2013 TTA: 2455.5 Tach: 405.2 Hobbs: 3103.3
<b>Maintenance Record (Airframe)</b>		
Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition		
Dixon, Eric 3617290 A&P 		

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 1/13/2014 TTA: 2478.2 Tach: 427.9 Hobbs: 3130.0
<b>Maintenance Record (Airframe)</b>		
Performed a Discrepancy Repair inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Removed and replaced DG. P/N 4000B-30 S/N T73264Q I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition		
Dixon, Eric 3617290 A&P 		

100 hr

Annual / EIT

Altimeter  
Ditch / 5 knots

Transponder

# 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					

- Reg: N144TX	Texas State Technical College	Date: 2/6/2014
- Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 2499.4
- SN: C0414	Waco, TX 76705	Tach: 449.1
<b>Maintenance Record (Airframe)</b>		Hobbs: 3158.1

Performed a 50 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. I certify that this Airframe has been inspected in accordance with a 50 HOUR inspection and has been determined to be in airworthy condition

Dixon, Eric  
3617290 A&P

Reg: N144TX	Texas State Technical College	Date: 3/5/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 2534.0
SN: C0414	Waco, TX 76705	Tach: 483.7
<b>Maintenance Record (Airframe)</b>		Hobbs: 3202.1

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Replaced central air filter, vacuum reg filter, rear prop spinner, induction air filter, right brake linings and nose gear fork. Installed repaired prop W69EK7-63G SN AH2815. Installed new ELT battery PN 452-6499 Rev F, SN 362349-001. New battery due date May 2021. Resealed pilots left master cylinder and bleed brakes.

I certify that this Airframe has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition  
I certify that the 'ELT' has been inspected in accordance with the requirements of FAR section 91.207(d) and was found to be in satisfactory condition

Young, James  
IA2669238

Reg: N144TX	Texas State Technical College	Date: 7/1/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 2624.6
SN: C0414	Waco, TX 76705	Tach: 574.3
<b>Maintenance Record (Airframe)</b>		Hobbs: 3314.3

Performed a Discrepancy Repair inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Removed and replaced starter batt.

I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition

Dixon, Eric  
3617290 A&P

Reg: N144TX	Texas State Technical College	Date: 7/14/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 2633.0
SN: C0414	Waco, TX 76705	Tach: 592.7
<b>Maintenance Record (Airframe)</b>		Hobbs: 3325.0

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Removed and replaced induction air filter and vac filter. Replaced hardware on inspection panels.

I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Dixon, Eric  
3617290 A&P

# ENGINEERING RECORD

**INSPECTION, REPAIRS & REPLACEMENT**

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

SIGNATURE	LICENCE NUMBER
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Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 7/29/2014 TTA: 2645.5 Tach: 595.2 Hobbs: 3340.5
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**Maintenance Record (Airframe)**

Removed both steps and reinstalled new left step and serviceable right step

*Russell Pelzel*

Pelzel, Russell  
A&P3684650

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 8/29/2014 TTA: 2681.0 Tach: 630.7 Hobbs: 3382.9
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**Maintenance Record (Airframe)**

Replaced both main tires.

Dixon, Eric  
3617290 A&P

*Eric Dixon*

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 11/15/2014 TTA: 2725.5 Tach: 675.2 Hobbs: 3442.0
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**Maintenance Record (Airframe)**

Replaced tempest vacuum pump p/n aa3216cw S/N N41678 with overhauled Aero accessories vacuum pump p/n 216cw s/n 040419. Tested and set vacuum. All done JAW MM.

*Russell Pelzel*

Pelzel, Russell  
A&P3684650

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date: 10/22/2014 TTA: 2732.7 Tach: 682.4 Hobbs: 3451.1
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**Maintenance Record (Airframe)**

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Replaced induction filter, and vac filter. Resealed right brake calliper and replaced right brake pads. Replaced co-pilots left seatbelt strap. certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Dixon, Eric  
3617290 A&P

*Eric Dixon*

100 hr

Annual / SIT

Altimeter  
Pitot / Static

Transponder

# AIR TIME AND

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

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date:	11/3/2014
<b>Maintenance Record (Airframe)</b>		TTA:	2750.0
		Tach:	699.7
		Hobbs:	3471.5

Replaced turn coordinator PN 1394T100-7Z, SN C06-11756, op's checked good.

Young, James  
 A&P2669238

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date:	11/20/2014
<b>Maintenance Record (Airframe)</b>		TTA:	2769.5
		Tach:	719.2
		Hobbs:	3500.2

Removed and replaced starter batt and starter fuse, and main batt.

Dixon, Eric  
 3617290 A&P

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date:	12/5/2014
<b>Maintenance Record (Airframe)</b>		TTA:	2780.2
		Tach:	729.9
		Hobbs:	3510.9

Replaced break linings on left main. Replaced break caliper valve on left main. Rebuilt left break caliper.

Dixon, Eric  
 3617290 A&P

Reg: N144TX Model: DIAMOND AIRCRAFT IND DA 2I SN: C0414	Texas State Technical College 3801 Campus Drive Waco, TX 76705	Date:	1/16/2015
<b>Maintenance Record (Airframe)</b>		TTA:	2806.7
		Tach:	756.4
		Hobbs:	3548.5

Removed fuel pump from N107TX and installed on N144TX.

Dixon, Eric  
 3617290 A&P

					CARRIED FORWARD

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

Reg: N144TX  
 Model: DIAMOND AIRCRAFT IND DA 21  
 SN: C0414

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 2/13/2015  
 TTA: 2832.5  
 Tach: 782.2  
 Hobbs: 3583.0

**Maintenance Record (Airframe)**

Rebuilt Nose compression strut. Repacked left and right main brake calipers. Replaced brake linings on right main. Replaced Tire tube and brake disk on right main. Performed a compass swing and corrected compass card. replaced vacuum regulator filter. All done IAW MM. All AD's have been complied with at this time.

I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition at this time.

*Russell Pelzel*  
 Pelzel, Russell  
 A&P3684650

Reg: N144TX  
 Model: DIAMOND AIRCRAFT IND DA 21  
 SN: C0414

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 3/19/2015  
 TTA: 2843.1  
 Tach: 792.8  
 Hobbs: 3598.1

**Maintenance Record (Airframe)**

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Replaced reg filter, induction air filter, intake duct, #2 ex riser, #1 ex clamp, pilots right rudder pedal, pilots right rudder cable, stall warning placard, right brake linings and right brake caliper oring. I certify that this Airframe has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition.

I certify that the 'ELT' has been inspected in accordance with the requirements of FAR section 91.207(d) and was found to be in satisfactory condition

*James Young*  
 Young, James  
 A&P26692381A

I CERTIFY THAT THE ALTIMETER(S) AND STATIC SYSTEMS(S) TESTS AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. ALTIMETER # 1 P/N 593400-3 S/N 459188 HAS BEEN TESTED TO 20,000 FEET ON 3/26/15. ALTIMETER # 2 P/N N/A S/N N/A HAS BEEN TESTED TO N/A FEET ON N/A. ENCODER # 1 P/N 550180-30A S/N 66681 HAS BEEN MATCHED WITH ALTIMETER # 1 TO 20,000 FEET ON 3/26/15. ENCODER # 2 P/N N/A S/N N/A HAS BEEN MATCHED WITH ALTIMETER # 2 TO N/A FEET ON N/A.

I CERTIFY THAT TRANSPONDER #1 MAKE Gesmin MODEL GTX 327 S/N 83726441 AND TRANSPONDER # 2 MAKE N/A MODEL N/A S/N N/A AS INSTALLED IN THIS AIRCRAFT HAVE BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE 3/27/15.

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. A0015098 DATE 3/27/15 TACH/HOBBS 794.6.

SIGNED J K Ellen

# 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
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Reg: N144TX  
Model: DIAMOND AIRCRAFT IND DA 2I  
SN: C0414

Texas State Technical College  
3801 Campus Drive  
Waco, TX 76705

Date: 4/27/2015  
TTA: 2860.1  
Tach: 809.8  
Hobbs: 3619.8

## Maintenance Record (Airframe)

Removed and replaced Fuel quantity guage with servicable guage IAW MM.

*RUPBL*

Russell Pelzel  
A&P 3684650

100 M

TI3 / 600000 A

2015/11/11  
2016/2/20/19

2016/02/20/19

CARRIED FORWARD