AIRCRAFT S/N C0309

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

1.	Nationality and Registration	N106TX
2.	Manufacturer's Designation	DA20-C1
3.	Manufacturer's Serial Number	C0309
4.	Type Approval or Specification Number	A-191/TA4CH
5.	Date of Manufacture	2005
6.	Aircraft Inspection Cycle	

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPL
BROUGHT FORWARD	0	0	0	0	AIRCRAFT NEW

Diamond

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

SERIAL NUMBER	REGISTRATION MARK
C0309	N106TX

Diamond

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.

DATE	INSPECTOR
09 February, 2005	DA Q 13

Diamond

08 FEB 2005 S/N C0309
COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER	357	030	061	091	119	147
FOR	S	210	240	W	300	330
STEER	178	212	244	271	298	326

Diamond

INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

DATE	INSPECTOR
09 February, 2005	DA Q 65

FEB 09 2005	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 10 2005	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 10 2005			1.	2	
FEB 11 2005			1.	2	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 11 2005			2.	1	
FEB 11 2005			2.	3	
FEB 15 2005			2.	3	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 15 2005			2.	5	
FEB 16 2005			2.	5	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 16 2005			2.	8	
FEB 17 2005			2.	8	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 17 2005			2.	9	
FEB 18 2005			2.	9	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 18 2005			3.	1	
FEB 21 2005			3.	1	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 21 2005			3.	2	
FEB 22 2005			3.	2	AIRCRAFT SERVICEABLE FOR FLIGHT
FEB 22 2005			3.	5	
			3.	5	CARRIED FORWARD

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

Diamond

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: 09 February, 2005 INSPECTOR: DA Q 13

Diamond

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

ANNUAL INSPECTION DUE: JANUARY 2006

BATTERY DUE: JANUARY 2007

DATE: February, 2005 INSPECTOR: DA Q 13

Diamond

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

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

DATE: 09 February, 2005 INSPECTOR: DA Q 13

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AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			3.	5	
FEB 23 2005			3.	5	ALL DISCREPANCIES RECTIFIED

Diamond

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.

DATE: 23 February, 2005

INSPECTOR: [signature] DA Q 13

3-16-05					C/w Diamond 25hr since new Insp checklist. [signature] A&P 4656305 C5
Tach	21.	9			
TOT	21.	9			
4-26-05					Removed Rt wing. Repaired lower wing tip IAW Diamond Aircraft Repair Instructions R20-57-001, Appendix A&B. Reinstalled wing. Replaced Rt Aileron with Serviable like part. Checked & rigged aileron system. Did all above IAW Diamond Aircraft Maintenance Manual. Test flight required. [signature] A&P 4569145
Tach	27.	2			
TOT	27.	2			

DATE 04/26/05 TACH 28.0 TOT 28.0
Aircraft test flt C/W IAW Diamond Aircraft maintenance manual, no discrepancy noted at this time

Ryan Collins — Signature
2853760 CFI — Cert #

6-30-05					C/w Diamond 100hr ck list. I Certify this Aircraft Has Been Insp IAW a 100hr Insp and was Found to Be in an Airworthy condition. [signature] A&P 4656305 C3
Tach	99.	6			
TOT	99.	6			

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	[signature]	C284363
	[signature]	DA Q 13

Diamond

U.S. STANDARD AIRWORTHINESS CERTIFICATE ISSUED

DATE: FEB 2 4 2005 AND INSTALLED IN THE

AIRCRAFT ON BEHALF OF THE F.A.A. ON:

DATE: FEB 2 4 2005

NE-MIDO-46

H. [signature]

DEPARTMENT OF TRANSPORT - MINISTÈRE DES TRANSPORTS
Délégué de l'Aviation civile
Canada
0362
Civil Aviation Delegate

Date: 6-28-05 N106TX Make/Model: Diamond DA20-C1 S/N: C0309 Tach time: 27.2 Total Time: 27.2 Repaired right wing aileron, outboard/aft corner I.A.W. Diamond repair no. R20-57-001 and Appendix A. Painted aileron IAW Appendix B of Diamond Repair Process Specification. Static balanced aileron IAW DA20-C1 Maintenance Manual Revison 10 chapter 51-60 and was found to be within limits IAW chapter 06-00-00. Refer to Check-Six work order 31315 for more details. Aileron is returned to aircraft owner/operator. [signature] 2676481 A&P

7/6/05 Removed Rt Aileron. Reinstalled repaired
Tach 99.5 Rt Aileron. See entrie above for repair.
TOT 99.5 checked rigging IAW Diamond aircraft maintenance manual. [signature] A&P456914556

9/20/05 Replaced oil pressure sending unit with serviceable
Tach 168.3 like unit. Ops check good. [signature] A&P456914556
TOT 168.3

C/W DIAMOND 100/200 HR INSP CHECK LIST
10/07/05 REPLACED BOTH MAIN TIRES, REPLACED O/B RACE AND BEARING
TACH 199.7 ON LEFT WHEEL, REPACKED ALL WHEEL BEARINGS REPLACED
TOT 199.7 BOTH RIGHT BRAKE LININGS, SERVICED + BLEED BRAKES
REPLACED VACUUM, AND AIR FILTERS TIGHTENED BOLTS ON
CANOPY HINGE + ALTERNATOR BELT. I CERTIFY THIS
AIRCRAFT HAS BEEN INSP IAW A 100 HR INSP AND
FOUND TO BE IN AN AIRWORTHY CONDITION J Mangel
A&P 262461731

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD					
					DATE 10/31/05 TACH 267.0 TOT 267.0 N106TX DISCONNECTED #1 & #2 GPS ANTENNA COAX CABLE. AT REAR OF GPS'S Signature A&P465630563 Cert. #
					DATE 10/31/05 TACH 273.7 TOT 273.7 N106TX RECONNECTED #1 & #2 GPS ANTENNA COAX CABLE. AT REAR OF GPS'S Signature A&P465630563 Cert. #
					DATE 11/14/05 TACH 295.3 TOT 295.3 Replaced nose wheel tire. Replaced air filter, and both Lt brake linnings. C/W Diamond 100Hr Insp Checklist. I certify this aircraft has been Insp IAW a 100hr Insp and was determined to be in an airworthy condition. Signature A&P465630563 Cert. #
11/21/05					Replaced Lt. main tire + tube. Repacked wheel
Tach	319.	9			bearings. A+P456914556
TOT	319.	9			
					CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
DATE 1/18/06 TACH 393.4 TOT 393.4 Replaced induction air filter, vacuum filter. C/W Diamond 200Hr Insp Checklist. Lubricated aircraft, Insp ELT IAW 91.207d. Repacked main wheel bearings. Replaced canopy pin, & both rt brake linings. I certify this aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition. Signature — A&P465630563IA Cert. #		
1/25/06 Replaced Rt main tire & brake Tach 415.7 rotor. Repacked wheel bearings. ops. TOT 415.7 check good. A&P456914536		
DATE 03/11/06 TACH 480.2 TOT 480.2 Replaced induction air filter, vacuum filter, & central air filter. C/W Diamond 200Hr Insp Checklist. Lubricated aircraft, Insp ELT IAW 91.207d. Replaced left white nav light bulb. I certify this aircraft has been Insp IAW an Annual Insp and was determined to be in an airworthy condition. Signature — A&P467432257IA Cert. #		
DATE 6/13/06 TACH 579.7 TOT 579.7 Replaced induction air, vacuum reg filter. Replaced LT main tire, and repacked wheel bearings. Replaced nose tire & Nose gear shock absorber assy 22-3220-05-00. C/W Diamond 100Hr Insp Checklist. Checked AD compliance, see list. I certify this aircraft has been Insp IAWa 100hr Insp and was determined to be in an airworthy condition. James Young — A&P465630563 Cert. #		

AIR TIME AND

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

DATE 6/26/06 TACH 589.4 TOT 589.4

Removed Lt wing, inspected wing, wing attach points & fuselage. Reinstalled wing, replaced taxi, Lt strobe light & taxi and landing light lens. All the above done IAW Diamond Maintenance Manual.

James Young

A&P465630563
Cert. #

DATE 6/26/06 TACH 590.3 TOT 590.3
Test flight performed. No descrepancies noted at this time.

Signature 06/26/2006

2924051 CFI
Cert. #

DATE 9/1/06 TACH 678.1 TOT 678.1
Replaced induction air & vacuum reg filter. Replaced Lt white position light, Rt main tire & repacked wheel bearings. C/W Diamond 200Hr Insp Checklist. Checked AD compliance, see list. I certify this aircraft has been Insp IAWa 100hr Insp and was determined to be in an airworthy condition.

Jonathan Senn

A&P456914556
Cert. #

DATE 10/25/06 TACH 776.7 TOT 776.7
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.

James Young

A&P465630563
Cert. #

CARRIED FORWARD

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

DATE 12/20/06 TACH 876.0 TOT 876.0
Replaced induction air, vacuum reg filter.
Replaced ELT batt Insp IAW FAR 91.207d Next due
12/08. Replaced starter vibrator batt next due
12/08. Replaced Lt main tire Repacked wheel bearings.
Replaced all brake linings C/W Diamond 200Hr Insp
Checklist. Checked AD compliance, see list. I certify this
aircraft has been Insp IAW a 200hr Insp and
was determined to be in an airworthy condition.

James Young A&P465630563 Cert. #

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 441868 HAS BEEN TESTED TO 20,000 FEET ON 3/15/07. ALTIMETER # 2 P/N NA S/N NA HAS BEEN TESTED TO NA FEET ON NA. ENCODER # 1 P/N SSD 120 S/N A60936 HAS BEEN MATCHED WITI ALTIMETER # 1 TO 20,000 ON 3/15/07. 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 32 S/N 83716231 AND TRANSPONDER # 2 MAKE NA MODEL NA NA AS INSTALLED IN THIS AIRCRAFT HAVE BEEN TESTED REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON DATE 3/19/07.

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER W ORDER NO. A070022 DATE 3/19/07 TACH/HOBBS 976.3

SIGNED James Bryant

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

DATE 4/2/07 TACH 976.0 TOT 976.0

Replaced Lt white nav light, pilots top window trash nose strut discs, ignition switch cups & back plate & fuel cap o-rings. Replaced all rudder cables, rudder peddle sled bushings & Lt adjustment cable. Rigged rudder cables & bleed brakes. All work done IAW Diamond Maintenance manual.

James Young A&P465630563 Cert. #

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
DATE 10/31/07 TACH 1221.5 TOT 1221.5 Replaced all elastomer nose strut discs Jonathan Senn A&P 456914555 Cert. #		
DATE 11/19/07 TACH 1257.4 TOT 1257.4 Removed nose gear, lubed IAW Diamond Maintenance manual & reinstalled gear. James Young A&P 465630563 Cert. #		
DATE 12/6/07 TACH 1274.3 TOT 1274.3 Replaced induction air, vacuum reg filter. Replaced both R brake linings. 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. James Young A&P 465630563 Cert. #		
DATE 4/14/08 TACH 1374.7 TOT 1374.7 Replaced induction air and vacuum reg filters. Replaced NLG fork assy, Rt PTT switch, and nose tire. C/W Diamond 200Hr Insp Checklist. Replaced 9 volt ELT battery. Insp ELT IAW 91-207d. Checked AD compliance, see list. I certify this aircraft has been insp IAW an Annual Insp and was determined to be in an airworthy condition. James Young A&P 465630563IA Cert. #		
DATE 5/30/08 TACH 1424.2 TOT 1424.2 Repacked both brake calipers. Replaced all brake linings. Serviced brake system Jonathan Senn A&P 3328353 Cert. #		

AIR TIME AND

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

DATE 4/2/07 TACH 976.0 TOT 976.0

Replaced induction air filter, vacuum filter. C/W Diamond 1000Hr Insp Checklist. Lubricated aircraft. Insp ELT IAW 91.[illegible]. Repacked main wheel bearings. Replaced nose tire. 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&P4[illegible]3A Cert. #

DATE 7/17/07 TACH 1075.5 TOT 1075.5

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.

Jonathan Senn — A&P456914556 Cert. #

DATE 8/15/07 TACH 1118.0 TOT 1118.0

Replaced horizon gyro with overhauled like unit SN 32043F, ground run ok good.

James Young — A&P4[illegible] Cert. #

DATE 8/28/07 TACH 1125.2 TOT/SMOH 1125.2

Repacked both brake calipers. Replaced all brake linnings. Serviced brake system.

Jonathan Senn — A&P 456914556 Cert. #

DATE 10/12/07 TACH 1174.8 TOT 1174.8

Replaced induction air & vacuum reg filters. Replaced Lt white nav light, nose wheel fork assy, one instrument panel rubber shock mount. Lt main tire & repacked wheel bearings. 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.

Jonathan Senn — A&P456914556 Cert. #

CARRIED FORWARD

AIR TIME AND

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

DATE 8/6/08 TAC [illegible]4.5 TOT 1474.5

Replaced rt main tire & [illegible]packed wheel bearings.
Replaced inductio[illegible]t, vacuum reg filter.
C/W Diamond [illegible]0Hr Insp Checklist.
Checked AD compliai[illegible] see list. I certify this
aircraft has been Insp [illegible]a 100hr Insp and was
determined to be in [illegible]airworthy condition.

James Young — A&P2669238 Cert. #

DATE 10/22/08 TACH 1536.5 TOT 1536.5

Replaced throttle cable & C/W Diamond SB DAC1-76-04
Rev 0 Throttle cable firewall feed-thru
Replaced all ex. gaskets, nuts, & clamps. Replaced
Lt main tire & repacked wheel bearings.

James Young — A&P2669238 Cert. #

DATE 11/26/08 TACH 1574.2 TOT 1574.2

Drained oil replaced oil filter serviced with Phillips
20W50 X/C oil. Cleaned tested & rotated spark plugs.
Comb Check C/W. C/W Diamond
200HR Insp checklist. I certify this Engine has
been Insp IAW a 100HR Insp
and was determined to be in an airworthy condition.

James Young — A&P2669238 Cert. #

DATE 11/26/08 TACH 1574.2 TOT 1574.2

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.

James Young — A&P2669238 Cert. #

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
DATE 1/8/09 TACH 1594.8 TOT 1594.8 C/W Diamond SB DAC1-25-01 Rev 2 installed Artex ME406 ELT SN 188-03852 Battery due Feb 2014 Insp ELT IAW FAR 91.207d James Young A&P2669238 Cert. #		
DATE 1/9/09 TACH 1597.4 TOT 1597.4 Replaced rt main tire & repacked wheel bearings. Repacked rt brake caliper & replaced rt brake linings James Young A&P2669238 Cert. #		
DATE 2/18/09 TACH 1624.0 TOT 1624.0 Replaced starter battery with new PN LC-R121R3P. Next due 2/2011. James Young A&P2669238 Cert. #		

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 44868 HAS BEEN TESTED TO 50 FEET ON 4/9/09. ALTIMETER # 2 P/N N/A S/N N/A HAS BEEN TESTED TO N/A FEET ON N/A. ENCODER # 1 P/N 5510-20 S/N A60936 HAS BEEN MATCHED WITH ALTIMETER # 1 TO 50 ON 4/9/09. ENCODER # 2 P/N N/A S/N N/A HAS BEEN MATCHED WITH ALTIMETER # 2 TO N/A ON N/A.

I CERTIFY THAT TRANSPONDER #1 MAKE ~~BFIX~~ Garmin MODEL GTX 327 S/N 83716231 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 4-9-09.

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 4090021 DATE 4-9-09 TACH/HOBBS 1661.2

SIGNED James Bryant

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

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD					
					DATE 4/15/09 TACH 1662.6 TT 1662.6 Replaced Lt main tire, brake disc, brake linings, wheel bearings & races. Resealed lt brake caliper. replaced pilots rudder adj. cable. James Young A&P2669238 Cert. #
					DATE 5/15/09 TACH 1671.7 TOT 1671.7 Replaced induction air filter, vacuum filter. C/W Diamond 200Hr insp Checklist. Lubricated aircraft, Insp ELT IAW 91.207d, 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&P2669238A Cert. #
					DATE 7/3/09 TACH 1722.1 TOT 1722.1 Installed new Sensenich prop P/N W69EK7-63G SN AH7025 on this aircraft. James Young A&P2669238 Cert #
					[illegible]

Date 10-7-2009 N106TX TACH 1771.6 TOT 1771.6
Replaced vacuum reg filter P/N B3-5-1, central air filter P/N AAD9-18-1 and induction air filter P/N BA235E. Replaced both side windows P/N 301-12-0077 and 301-12-0078. 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&P 2669238

CARRIED FORWARD

ENTF ICE ER

Date 11-12-2009 N106TX TACH 1806.5 TOT 1806.5
Removed nose gear fork assy, installed new nose gear fork assy PN 20-3220-08-00, lubed bearing and adjusted nose gear tension.

James Young
A&P2669238

Date 12-9-2009 N106TX TACH 1822.7 TOT 1822.7
Replaced all brake linings & resealed rt brake caliper. Installed repaired prop W69EK7-63 SN AF7716.

James Young
A&P2669238

Date 2-09-2010 N106TX TACH 1858.1 TOT 1858.1
Replaced nose tire, right main tire & repacked wheel bearings. Replaced right brake disc.

James Young
A&P2669238

Date 2-19-2010 N228TX TACH 825.4 TOT 825.4
Replaced DAU PN 200-00041-001 SN 270. Calibrated fuel quantity indicator IAW Piper maintenance manual. Ground run checked good.

James Young
A&P2669238

Date 4-1-2010 N106TX TACH 1871.8 TOT 1871.8
Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced oil filer door hinge, sled bushings both sides, Lt control stick bushing & A.I. SN 86590N. Repaired Lt wing skin to aft web bond IAW Diamond repair R20C-57-017, primed & painted to match. Inspected ELT IAW FAR 91.207d. C/W Diamond 200Hr 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

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD					Date 5-10-2010 N106TX Tach 1908.0 TOT 1908.0 Replaced oil sending unit P/N 22-7930-00-04 IAW Diamond MM. Leak and ops check good. Steven McLeod A&P 3370601
					Date 5-25-2010 N106TX TACH 1921.0 TOT 1921.0 Replaced left main tire, repacked wheel bearings & replaced right brake disc. Replaced left main gear axle & both axle nuts and spacers. James Young A&P2669238
					Date 6-23-2010 N106TX TACH 1960.3 TOT 1960.3 Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced alt belt. 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 Mangino A&P 262461736
					October 19, 2010 N106TX Diamond DA 20-C1 sn.CO309 **Repaired delamination and core damage on top left wing mid chord approximately 108" outboard of wing root. Repaired in accordance with Diamond Repair Instruction R20C-57-019 and DA20-C1 AMM with original layup schedule and MGS L160/H163 post cured. Refinished area in urethane primer surfacer and Dupont Imron to match.** **Larry Mansberger A&P IA 3452301** **Mansberger Aircraft Inc.** **758 Aviator Dr.** **Fort Worth, TX 76179**
					CARRIED FORWARD

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

Date 10-29-2010 N106TX TACH 2000.3 TOT 2000.3
C/W Diamond SB DAC1-53-01 rev 2 spar bridge gusset reinforcement. Installed spar bridge gussets P/N's 22-5310-91-00, 22-5310-92-00. Installed repaired wing, wing repairs performed by Larry mansberger (See previous entry).

Steve McLeod
A&P3370601

Date 10-29-2010 N106TX TACH 2000.3 TOT 2000.3
Installed IO240B18B S/N 1002920 engine on Diamond DA20-C1 S/N C0309, Installed repaired engine mount arc tube P/N 22-7122-00-00. Repaired by Kosola, see form 337. Replaced regulator and central airfilter, Ignition switch kit, replaced RH main tire and all brake linings, replaced both nose gear pivot pins, replaced LH side push to talk button. Complied with 1000hr Insp checklist. See AD list for compliance. I certify this aircraft has been inspected IAW 100hr Insp and was determind to be airworthy.

Steve McLeod
A&P3370601

Date 2-24-2011 N106TX TACH 2101.1 TOT 2101.1
Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced all brake linings, starter vibrator battery & one inst light. Inspected 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

Date 4-11-2011 N106TX OLD TACH 2168.2 NEW TACH 0.0 TT 2168.2
Installed new tach, ground run op's checked good. Old tach 2168.2, new tach 0.0.

James Young
A&P2669238

AIR TIME AND

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

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

ATIC SYSTEMS(S) TESTS AS REQUIRED BY
ACCORDANCE WITH FAR 43 APPENDIX E.
'N 441868 HAS BEEN TESTED TO
. ALTIMETER # 2 P/N NA
TO NA FEET ON NA.
30936 HAS BEEN MATCHED WITH
N 4-25-11. ENCODER # 2
_ HAS BEEN MATCHED WITH ALTIMETER

Garmin MODEL GTX 327
MAKE NA MODEL NA
THIS AIRCRAFT HAVE BEEN TESTED AS
CE WITH FAR 43 APPENDIX F ON THIS

ON FILE AT THIS AGENCY UNDER WORK
11 TACH/HOBBS 7.4.

Altimeter Test and Inspection
Texas State Technical College
3801 Campus Drive
Waco, TX 767057
CRS# FT8R150Q

Friction Test

Friction	Tolerance	Movement	Status
1000	70	25	Pass
2000	70	20	Pass
3000	70	25	Pass
5000	70	30	Pass
10000	80	25	Pass
15000	90	60	Pass
20000	100	85	Pass
25000	120		
30000	140		
35000	160		
40000	180		
50000	250		

Pressure-Altitude Difference

Baro Scale	Altimeter Indication	Deviation from Ref	Allowed Deviation (+/- 25)	Status
28.10	445	-1727	-1735	Pass
28.50	-445	-1335	-1340	Pass
29.00	-170	-860	-863	Pass
29.50	300	-390	-392	Pass
29.92	690	0	0	Pass
30.50	1220	530	531	Pass
30.90	1575	885	893	Pass
30.99	1660	970	974	Pass

Date: 4/25/2011
WO #: A2011109
Altimeter Model #: 5934PD-3
Altimeter Serial #: 441868
Performed By: James Bryant
Encoder P/N: SSD120
Encoder S/N: A60936
The Encoder listed above was matched to this Altimeter to 20,000 feet on 4/25/2011

Scale Error Test

Altitude Feet	Tolerance Feet	Altimeter Reads	Status
-1000	20	-1010	Pass
0	20	0	Pass
500	20	500	Pass
1000	20	1000	Pass
1500	25	1495	Pass
2000	30	2000	Pass
3000	30	3000	Pass
4000	35	3995	Pass
6000	40	5970	Pass
8000	60	7970	Pass
10000	80	9960	Pass
12000	100	11965	Pass
14000	110	13965	Pass
15000	120	15965	Pass
16000	130	17975	Pass
18000	130	19990	Pass
20000	140		
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
	100	15	Pass
Case Leak			
Hysteresis		20	Pass
1st - 50% of max Alt	75	20	Pass
1st - 40% of max Alt	75	75	Pass
After Effects	30	0	Pass

GE - AVIONICS DEPARTMENT
S DRIVE
WACO, TX 76705
(254)867-3386
CRS# FT8R150Q

Date 5-19-2011 N106TX TACH 32.8 TOT 2201.0
Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced Lt main tire & replaced bearings. Replaced both steps & adjusted landing light. 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&P 2669238

Date 7-6-2011 N106TX TACH 83.8 TOT 2252.0
Replaced LH main tire, Repacked wheel bearings, repacked Brake cailper, replaced both brake pads on LH gear.

Steven McLeod
A&P 3370601

Date 10-12-2011 N106TX TACH 181.7 TOT 2349.9
Replaced both LH brake pads, replaced o-ring in LH brake caliper.

Steven McLeod
A&P 3370601

CARRIED FORWARD

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

Date 9-6-2011 N106TX TACH 132.3 TOT 2300.5
Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced EGT probe. 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&P 2669238

Date 10-12-2011 N106TX TACH 181.7 TOT 2349.9
Replaced both LH brake pads, replaced o-ring in LH brake cailper.

Steven McLeod
A&P 3370601

Date 11-4-2011 N106TX TACH 214.2 TOT 2382.4
Replaced both main tires, RH brake disc, both RH brake pads. Replaced LH rudder pedal adjust cable.

Steve McLeod
A&P3370601

December 19, 2011 N106TX Diamond DA 20-C1 sn.CO309

Replaced windshield canopy glass with factory new part no. 22-5811-16-01 by prep and bonding with Diamond supplied Terostat MS 9380 per technical data sheet. Refinished area in urethane primer surfacer and Dupont Imron to match.

Larry Mansberger A&P IA 3452301
Mansberger Aircraft Inc.
758 Aviator Dr.
Fort Worth, TX 76179

Date 1-06-2012 N106TX TACH 232.2 TT 2300.4
Replaced vacuum reg filter P/N B3-5-1 and induction air filter P/N BA235E. Replaced both pilots master cylinders PN 10-54A & bleeded brakes & left map light. Inspected 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

AIR TIME AND

DAILY | TOTAL AIR

Date 3-28-2012 N106TX TACH 333.4 TT 2501.6
Replaced vacuum reg filter, central air filter and induction air filter P/N BA235E. Replaced all brake linings, nose tire, tail skid and nose strut shock discs. 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&P 2669238

Date 4-13-2012 N106TX TACH 348.3 TOT 2516.5
Removed oil pressure gauge and sending unit And replaced with gauge/sending unit kit S/N 429.

Steven McLeod
A&P3370601

Date 5-10-2012 N106TX TACH 385.6 TOT 2553.8
Replaced both sets of brake pads, replaced both main tires.

Steven McLeod
A&P 3370601

Date 6-28-2012 N106TX TACH 432.1 TT 2600.3
Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced left inboard brake linings, both o-rings on canopy pins and replaced two missing scews on vent windows. 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&P 2669238

Date 10-17-2012 N106TX TACH 531.8 TOT 2700.0
Replaced vacuum reg filter P/N B3-5-1, and induction air filter P/N BA235E. Replaced both sets of brake pads, repacked puck orings in both brake calipers, bled and replinished hydraulic fluid. Replaced elastomer pucks in nose gear shock strut. C/W Diamond 100Hr Insp Checkiist. 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.

Steve McLeod
A&P 3370601

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Date 10-23-2012 N106TX TACH 538.8 TT 2707.0 Resealed both co-pilots brake master cylinders and bled brakes. James Young A&P2669238		
Date 11-08-2012 N106TX TACH 584.8 TOT 2760 Removed both steps cleaned, tested, painted and reinstalled steps James Mangino A&P3629302		
Date 11-27-2012 N106TX TACH 631.2 TT 2799.4 Replaced vacuum reg filter and induction air filter P/N BA235E. Replaced right brake linings. right brake caliper o-ring and right main tire and tube 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&P 2669238		
Date 12-19-2012 N106TX TACH 676.2 TT 2845.4 Replaced left main tire, tube, both brake linings and repacked caliper. James Young A&P2669238		
Date 1-25-2013 N106TX TACH 720.1 TT 2888.3 Replaced vacuum reg filter and induction air filter P/N BA235E. 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 2669238IA		

AIR TIME AND

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

Date 3-7-2013 N106TX TACH 790.6 TT 2958.8
Installed overhauled vacumm pump 216CW SN I71. Ground run and adjusted vacumm.

James Young
A&P2669238

Date 4-19-2013 N106TX TACH 820.9 TT 2989.1
Replaced vacuum reg filter, central air filter and induction air filter. Replaced right brake linings. Replaced canopy lock, rudder bushing, **starter battery next due 4/2015** and all flap bushings and hardware on left flap. C/W Diamond SB DAC1-74-03 Rev 2, installed Bendix ignition switch PN 10-357210-1. Overhauled fuel tank cap. Inspected ELT IAW FAR 91.207d. 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

Altimeter Test and Inspection
Texas State Technical College
3801 Campus Drive
Waco, TX 76705?
CRS# FT8R150Q

Scale Error Test

Altitude Feet	Tolerance Feet	Altimeter Reads	Status
-1000	20	-1010	Pass
0	20	0	Pass
500	20	505	Pass
1000	20	1005	Pass
1500	25	1505	Pass
2000	25	2005	Pass
3000	30	3005	Pass
4000	35	4000	Pass
6000	40	5985	Pass
8000	60	7975	Pass
10000	80	9975	Pass
12000	90	11975	Pass
14000	100	13980	Pass
16000	110	15975	Pass
18000	120	17985	Pass
20000	130	20005	Pass
22000	140		
25000	155		
30000	180		
35000	205		
40000	230		
45000	255		
50000	280		

Friction Test

Friction	Tolerance	Movement	Status
1000	70	25	Pass
2000	70	30	Pass
3000	70	15	Pass
5000	70	30	Pass
10000	80	45	Pass
15000	100	30	Pass
20000	120	50	Pass
25000	120		
30000	140		
35000	160		
40000	180		
50000	250		

Pressure-Altitude Difference

Baro Scale	Altimeter Indication	Deviation from Ref	Allowed Deviation (+/- 25)	Status
28.10	-1625	-1720	-1727	Pass
28.50	-1250	-1345	-1340	Pass
29.00	-750	-845	-863	Pass
29.50	-310	-405	-392	Pass
29.92	95	0	0	Pass
30.50	625	530	531	Pass
30.90	1000	905	893	Pass
30.99	1060	965	974	Pass

Date: 4/25/2013
WO #: A2013172
Altimeter Model #: 5934PD-3
Altimeter Serial #: 441868
Performed By: James Bryant

Case Leak, Hysteresis and After Effect Checks

Test	Tolerance (Feet)	Indicated Change	Status
Case Leak	100	30	Pass
Hysteresis			
1st - 50% of max Alt	75	5	Pass
1st - 40% of max Alt	75	10	Pass
After Effects	30	5	Pass

Encoder P/N: SSD120
Encoder S/N: A60936
The Encoder listed above was matched to this Altimeter to 20,000 feet on 4/25/2013.

...ALTIMETER(S) AND STATIC SYSTEM(S) TESTS AS REQUIRED BY
...R 43 APPENDIX E. ALTIM-
... HAS BEEN TESTED TO
...N MA S/N
...N MA. ENCODER
...HED WITH ALTIMETER # 1
...P/N MA S/N
...ET ON MA.

...GTX 327
...MODEL MA
...N TESTED AS
...NDIX F ON THIS

...GENCY UNDER WORK
...24.6.

DEPARTMENT

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Date 6-11-2013 N106TX TACH 856.8 TT 3025.0 Installed overhauled turn coordinator SN 9910-36 op's checked good. James Young A&P2669238		

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 9/12/2013
TTA: 3089.1
Tach: 920.9
Hobbs: 4035.5

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D.
Replaced vacuum reg filter and induction air filter. Replaced nose tire, Lt main brake disc and Lt brake linings. Resealed Lt brake caliper and bled brakes. See AD list for compliance.
I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Young, James
A&P2669238

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 10/14/2013
TTA: 3137.3
Tach: 969.1
Hobbs: 4100.0

Performed a 50 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 disk.

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

AIR TIME AND

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

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 10/18/2013
TTA: 3141.5
Tach: 973.3
Hobbs: 4105.7

Maintenance Record (Airframe)

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

Flight crew reported smell of fuel in cabin. Inspected the plan and found the return fuel line to the fuel tank was leasking. Removed fuel line, cleaned and tested line for leaks. Put line back on plane and torque to specs.

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: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 12/9/2013
TTA: 3186.2
Tach: 1018.0
Hobbs: 4163.3

Maintenance Record (Airframe)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D.
Replaced all brake lining, left main tire, tube and brake disc and repacked wheel bearings. Replaced right vent window, vacumm reg filter and indiction air 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

Young, James
A&P 2669238

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 1/27/2014
TTA: 3235.6
Tach: 1067.4
Hobbs: 4221.8

Maintenance Record (Airframe)

Performed a 50 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D.
replaced top rail screws for co-pilot side vent window. Replaced "o"-ring on canopy pin co-pilots side and tightened latch.
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

CARRIED FORWARD

ENGINEERING RECORD

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

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705
Maintenance Record (Airframe)

Date: 2/27/2014
TTA: 3258.1
Tach: 1089.9
Hobbs: 1089.9

Installed new ELT battery PN 452-6499 Rev. F, SN 361328-067. Battery due date 10/2020. Inspected ELT IAW FAR 91.207d.

Young, James
A&P2669238

Model: DIAMOND AIRCRAFT IND INC E
SN: C0309
Reg: N106TX

Texas State Technical College
3801 Campus Drive
Waco, TX 76705
Maintenance Record

Date: 3/12/2014
TTA: 3265
Tach: 1096.8
Hobbs: 4258.7

Repaired alternator wire and replaced right main tire and tube.

James Young
A&P2669238

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705
Maintenance Record (Airframe)

Date: 4/11/2014
TTA: 3284.9
Tach: 1116.7
Hobbs: 4283.0

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Replaced induction air filter P/N BA 235E, and vac filter. Cleaned fuel strainer and inspected ELT. 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
I certify that this Airframe has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Mangino, James
3629302 IA

Model: DIAMOND AIRCRAFT IND INC E
SN: C0309
Reg: N106TX

Texas State Technical College
3801 Campus Drive
Waco, TX 76705
Maintenance Record

Date: 5/2/2014
TTA: 3309
Tach: 1140.8
Hobbs: 4311.9

Removed old fuel pump PN 5367-00-1 SN 0375. Installed Overhauled pump PN 5367-00-1 SN 0771, Leak and op's checked good.

James Young
A&P2669238

AIR TIME AND

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

BRO
FOI

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 5/2
TTA:
Tach:
Hobbs:

Performed a Discrepancy Repair inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Par Appendix D.
Removed and replaced fuel pump with S/N 278YJ.
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: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 7/3/20
TTA: 3333
Tach: 1165
Hobbs: 4341

Performed a 50 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix
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: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 7/9/20
TTA: 3335
Tach: 1168
Hobbs: 4346

Replace right window scoop with new part IAW MM.

Pelzel, Russell
A&P3684650

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 7/29/20
TTA: 3356
Tach: 1188
Hobbs: 4369

Removed both cabin steps and replaced with servicable steps.

Pelzel, Russell
A&P3684650

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

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 9/11/2014
TTA: 3370.5
Tach: 1202.3
Hobbs: 4388.7

Repacked right main break caliper. Installed 2 new brake linings. All done IAW MM.

Pelzel, Russell
A&P3684650

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 9/26/2014
TTA: 3384.1
Tach: 1215.9
Hobbs: 4407.0

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D.
Replaced vacuum regulator filter. Replaced left main brake lining.
I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Pelzel, Russell
A&P3684650

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 10/29/2014
TTA: 3426.7
Tach: 1258.5
Hobbs: 4461.8

Replaired glare sheild. Replaced canopy o-rings.

Dixon, Eric
3617290 A&P

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 11/25/2014
TTA: 3470.5
Tach: 1302.3
Hobbs: 4519.3

Replaced fuel tank sump IAW MM.

Pelzel, Russell
A&P3684650

AIR TIME AND

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

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 1/8/2015
TTA: 3483.0
Tach: 1314.9
Hobbs: 4536.3

Maintenance Record (Airframe)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual Part 43 Appendix D. Replaced Central air filter. Replaced intake air filter. replaced vacuum regulator filter. Replaced brake linings on left and right mains. Repacked left and right brake calipers. Repacked left copilot master cylinder.Replaced tail skid. Replaced right main landing gear with new landing gear. Replaced right main tire and tube. Replaced oil sending unit and Pressure guage. Test fligt preformed.
All doned iaw MM
I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Pelzel, Russell
A&P 2684650

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 2/16/2015
TTA: 3539.5
Tach: 1371.3
Hobbs: 4611.0

Maintenance Record (Airframe)

Replaced nose tire, tube and wheelbearings. Lubed and adjusted nose gear fork.

Young, James
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 593480-3 S/N 441868 HAS BEEN TESTED TO 20000 FEET ON 4/24/15. ALTIMETER # 2 P/N N/A S/N N/A HAS BEEN TESTED TO N/A FEET ON N/A. ENCODER # 1 P/N 550120-30 S/N A60936 HAS BEEN MATCHED WITH ALTIMETER # 1 TO 20000 FEET ON 4/24/15. 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 Garmin MODEL GTX 327 S/N 83716231 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 4/24/15.

PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. A2015143 DATE 4/24/15 TACH/HOBBS 4662.9

SIGNED J K Eller

Ellison Avionics Services, LLC • 7732 Central Park Drive • Waco, TX 76712 • (254)640-9024 • CRS# 91AR302C

CARRIED FORWARD

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

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 5/1/2015
TTA: 3580.4
Tach: 1412.2
Hobbs: 4663.4

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Installed new starter battery next due May 2017. Replaced #1 & #4 ex clamps. Installed new fuel quantity gauge PN 22-2840-00-00. 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
A&P2669238IA

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

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 6/1/2015
TTA: 2873.4
Tach: 823.1
Hobbs: 3636.3

Removed excitor battory and replaced with new battery p/n LC-r121R3P.

Pelzel, Russell
A&P3684650

Reg: N106TX
Model: DIAMOND AIRCRAFT IND DA 2I
SN: C0309

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Maintenance Record (Airframe)

Date: 6/23/2015
TTA: 3600.7
Tach: 1432.5
Hobbs: 4690.7

Removed transponder for repair. And reinstalled repaired transponder IAW MM.

Pelzel, Russell
A&P3684650