

# 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.	
Reg: N105TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0303					Texas State Technical College 3801 Campus Drive Waco, TX 76705  <b>Maintenance Record (Airframe)</b>  Date: 12/3/2013 TTA: 3183.6 Tach: 1373.7 Hobbs: 4131.8

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 right wing after being damaged for repairs by Mansberger. Reinstalled after repairs were completed.  
 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: N105TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0303	Texas State Technical College 3801 Campus Drive Waco, TX 76705  <b>Maintenance Record (Airframe)</b>	Date: 12/18/2013 TTA: 3200.7 Tach: 1390.8 Hobbs: 4152.9
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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 right side main break linings.  
 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



Reg: N105TX Model: DIAMOND AIRCRAFT IND DA 21 SN: C0303	Texas State Technical College 3801 Campus Drive Waco, TX 76705  <b>Maintenance Record (Airframe)</b>	Date: 1/13/2014 TTA: 3210.5 Tach: 1400.6 Hobbs: 4165.8
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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 horizon gyro. P/N 5000B-20 S/N A26592J  
 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



CARRIED FORWARD

# ENGINEERING RECORD

11

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

SIGNATURE

LICENCE  
NUMBER

Reg: N105TX  
Model: DIAMOND AIRCRAFT IND DA 21  
SN: C0303

Texas State Technical College  
3801 Campus Drive  
Waco, TX 76705

Date: 1/31/2014  
TTA: 3247.6  
Tach: 1437.7  
Hobbs: 4211.9

## Maintenance Record (Airframe)

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Resealed pilots left master cylinder. Replaced left rear nav light lens. Installed new ELT battery PN 452-6499 Rev F, SN 361328-057. Next due 10/2020. 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  
A2669238

Reg: N105TX  
Model: DIAMOND AIRCRAFT IND DA 21  
SN: C0303

Texas State Technical College  
3801 Campus Drive  
Waco, TX 76705

Date: 2/13/2014  
TTA: 3259.8  
Tach: 1449.9  
Hobbs: 4227.6

## 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.

Removed and replaced turn coordinator P/N 1394T100-7Z S/N 822-518.

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

*Eric Dixon*

Model: DIAMOND AIRCRAFT IND INC C  
SN: C0303  
Reg: N105TX

Texas State Technical College  
3801 Campus Drive  
Waco, TX 76705

Date: 3/5/2014  
TTA: 3276.1  
Tach: 1466.2  
Hobbs: 4250.1

## Maintenance Record

Installed overhauled Directional gyro PN 4000B-30, SN T70110N ground run op's checked good.

*James Young*  
James Young  
A&P2669238



# 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: N105TX	Texas State Technical College	Date: 5/20/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 3345.1
SN: C0303	Waco, TX 76705	Tach: 1535.2
		Hobbs: 4332.1

## 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 right brake linings, induction air filter and reg 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

*[Signature]*  
Young, James  
2669238

Reg: N105TX	Texas State Technical College	Date: 7/29/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 3389.9
SN: C0303	Waco, TX 76705	Tach: 1580.0
		Hobbs: 4389.2

## Maintenance Record (Airframe)

Removed steps and reinstalled new left step and servicable right step IAW MM.

*[Signature]*  
Pelzel, Russell  
A&P3684650

Reg: N105TX	Texas State Technical College	Date: 8/5/2014
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 3391.6
SN: C0303	Waco, TX 76705	Tach: 1581.7
		Hobbs: 4391.7

## Maintenance Record (Airframe)

Installed overhauled vacuum pump PN 216CW SN 03VA01 and adjusted vacuum. Installed new oil pressure gauge kit PN 22-7930-10-00 SN 645. Replaced nose gear stop plate, both stops and lubed and adjusted tension on nose gear.

*[Signature]*  
Young, James  
A&P2669238

CARRIED FORWARD

## ENGINEERING RECORD

12

## INSPECTION, REPAIRS &amp; REPLACEMENT

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

SIGNATURE

LICENCE  
NUMBER

Reg: N105TX

Model: DIAMOND AIRCRAFT IND DA 2i

SN: C0303

Texas State Technical College

3801 Campus Drive

Waco, TX 76705

Date: 11/14/2014

TTA: 3444.3

Tach: 1634.4

Hobbs: 4460.7

## Maintenance Record (Airframe)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Installed new vacuum regulator air filter. Installed new induction air filter. Installed repaired prop sn AH0856. Replaced right main tire with new. Replaced right and left brake linings. Replaced right and left brake calipers. Installed new battery. All done 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

Reg: N105TX

Model: DIAMOND AIRCRAFT IND DA 2i

SN: C0303

Texas State Technical College

3801 Campus Drive

Waco, TX 76705

Date: 1/26/2015

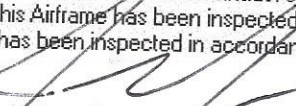
TTA: 3497.5

Tach: 1687.6

Hobbs: 4530.5

## Maintenance Record (Airframe)

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Replaced induction air filter and reg filter. Replaced both left brake linings. Installed serviceable exhaust system. Replaced two screws missing in pilots widow tracks. Replaced bushings in pilots control stick. 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&P26692381A

Reg: N105TX

Model: DIAMOND AIRCRAFT IND DA 2i

SN: C0303

Texas State Technical College

3801 Campus Drive

Waco, TX 76705

Date: 3/19/2015

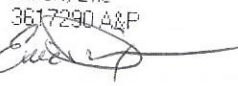
TTA: 3540.3

Tach: 1730.4

Hobbs: 4588.4

## Maintenance Record (Airframe)

Removed and replaced right main wheel and brake linings, rebuilt and sealed right caliper. Replaced canopy spring on co-pilots side

  
 Dixon, Eric  
 3617290 A&P

Reg: N105TX

Model: DIAMOND AIRCRAFT IND DA 2i

SN: C0303

Texas State Technical College

3801 Campus Drive

Waco, TX 76705

Date: 4/14/2015


TTA: 3545.6

Tach: 1735.7

Hobbs: 4595.6

## Maintenance Record (Airframe)

GNS430 radio removal and send off to Summit Aviation for repair and reinstalled.

  
 Dixon, Eric  
 3617290 A&P



## AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	<p>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION</p>				
	<p>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 <u>5934PD-3</u> S/N <u>442194</u> HAS BEEN TESTED TO <u>20000</u> FEET ON <u>4/24/15</u>. ALTIMETER # 2 P/N <u>N/A</u> S/N <u>N/A</u> HAS BEEN TESTED TO <u>N/A</u> FEET ON <u>N/A</u>. ENCODER # 1 P/N <u>SSD120</u> S/N <u>A59914</u> HAS BEEN MATCHED WITH ALTIMETER # 1 TO <u>20000</u> FEET ON <u>4/24/15</u>. ENCODER # 2 P/N <u>N/A</u> S/N <u>N/A</u> HAS BEEN MATCHED WITH ALTIMETER # 2 TO <u>N/A</u> FEET ON <u>N/A</u>.</p>				
	<p>I CERTIFY THAT TRANSPONDER #1 MAKE <u>Germ</u> MODEL <u>G7E327</u> S/N <u>83716264</u> AND TRANSPONDER # 2 MAKE <u>N/A</u> MODEL <u>N/A</u> S/N <u>N/A</u> AS INSTALLED IN THIS AIRCRAFT HAVE BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE <u>4/24/15</u>.</p>				
	<p>PERTINENT DETAILS OF THESE TESTS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. <u>A2015142</u> DATE <u>4/24/15</u> TACH/HOBBS <u>4610.8</u>.</p>				
	<p>SIGNED <u>[Signature]</u></p>				
	<p>Ellison Avionics Services, LLC • 7732 Central Park Drive • Waco, TX 76712 • (254)640-9024 • CRS# 91AR302C</p>				

Reg: N105TX	Texas State Technical College	Date: 6/3/2015
Model: DIAMOND AIRCRAFT IND DA 21	3801 Campus Drive	TTA: 3578.2
SN: C0303	Waco, TX 76705	Tach: 1768.3
<b>Maintenance Record (Airframe)</b>		Hobbs: 4636.7
Replaced starter battery, next due 6/2017. Ground run op's checked good.		
 Young, James A&P2669238		

Reg: N105TX	Texas State Technical College	Date: 6/16/2015
Model: DIAMOND AIRCRAFT IND DA 21	3801 Campus Drive	TTA: 3578.2
SN: C0303	Waco, TX 76705	Tach: 1768.3
<b>Maintenance Record (Airframe)</b>		Hobbs: 4636.7
Replaced fuel guage with new p/n22-2840-00-00		
Pelzel, Russell A&P3684650		

Reg: N105TX	Texas State Technical College	Date: 6/19/2015
Model: DIAMOND AIRCRAFT IND DA 2I	3801 Campus Drive	TTA: 3578.7
SN: C0303	Waco, TX 76705	Tach: 1768.8
<b>Maintenance Record (Airframe)</b>		Hobbs: 4637.7
Replaced rudder shuttle adjustment cable.		
Dixon, Eric 3617290 A&P 