AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

	Nationality and Registration	Nausos
2.	Manufacturer's Designation	DA 40
3.	Manufacturer's Serial Number	40.833
4.	Type Approval or Specification Number	A-224 (A47CE
5.	Date of Manufacture	2007
6.	Aircraft Inspection Cycle	

ENGINEERING RECORD

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DATE	DAI TOT	LY AL	MF		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLI	INSPECTION, REPAIRS & REPLACEME		SIGNATURE	LICENCE NUMBER
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BROUGHT FORWARD	Ø	Ø	0	ø	AIRCRAFT NEW WITH MT-PROPELLER ENTWICKLUNG	A VIONICS SYSTEM INSTALLED AS PER F			
		1000	_		TCCA STC NO. SAOG-52, GARMIN GIODO INTEGRATES	AUTOMATIC FLIGHT CONTROL SYSTEM			
			_		SADIJSYWI AMEND. I, GARMIN GFC 700 AS PER FRA STC NO. SADIJSYWI, RYAN 99008				
			-	_	FAA STC NO: SAO2266NY, POWER FLOW SYSTEMS	INC. TUNED EXHAUST SYSTEM INSTAL			
			-		FAR STC NO. SAOSSBIAT, AMSAFE INFLATABLE	RESTRAINT SYSTEM INSTALLED AS PE			
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DIAMOND AII D.O.T. APPROVE	RCRAFT I D MANUF	NDUSTI ACTUR	RIES INC ER #16	1-93	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.	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			
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Diamond					Spiamend	Diamend	Diamend		
13 Aug	ust 2007	S/N 40.	.833			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 A	IRCRAFT INDUSTRIES	INC.
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ENGINEERING RECORD

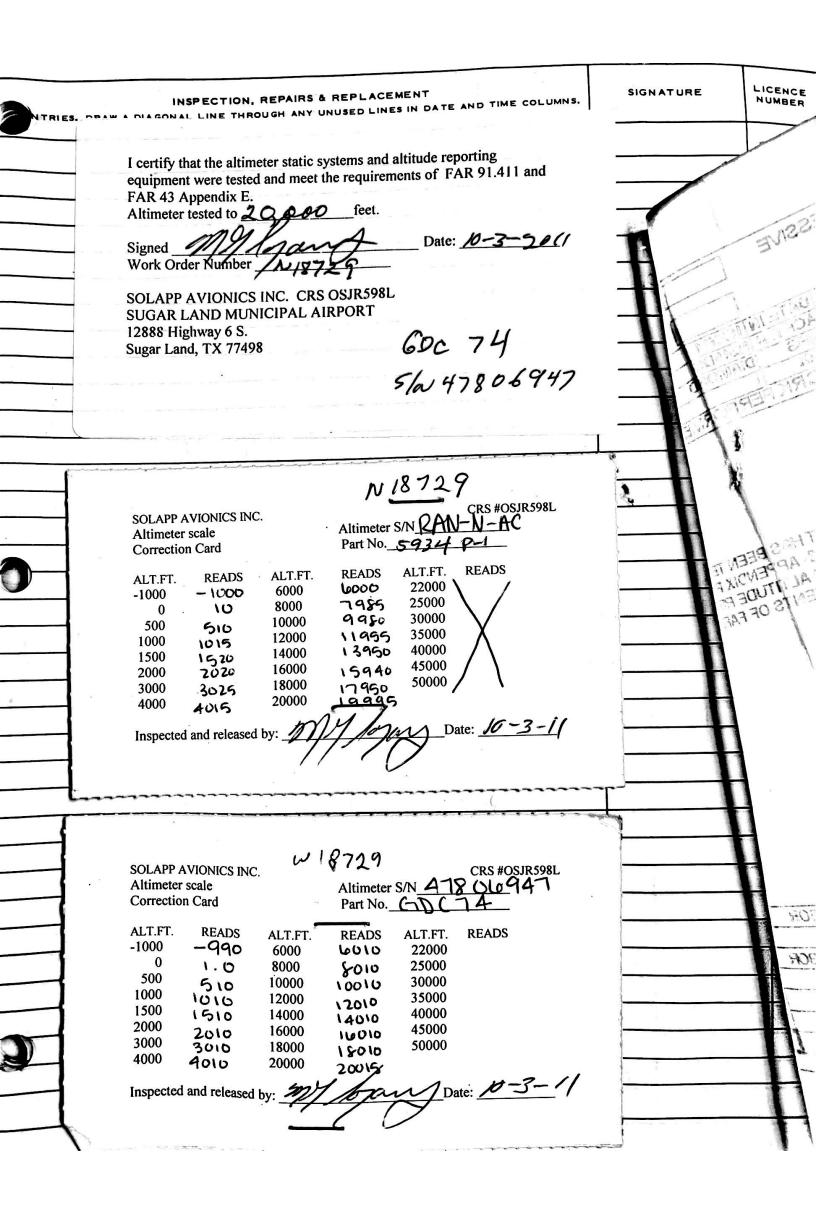
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ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLEY TOTAL AIR TIME SINCE MFG. INSPECTION, REPAIRS & REPLACEMENT SIGNATURE LICENCE NUMBER TRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS TOTAL DATE MIN. HRS. MIN. HRS. Q 42 BROUGHT 6. FORWARD **Diamond Diamond** DIAMOND AIRCRAFT INDUSTRIES INC. U.S. Standard Airworthiness Certificate, issued: 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 AUG 3 1 2007 .has been installed in the aircraft on behalf of NE-MIDO-46 on: FOR FLIGHT. AUG 3 1 2007 INSPECTOR DA (Date) DATE Canada AUG 2 9 2007 July 16, 2008 QualiTech Aviation, Inc. Qualifech Aviation, Inc. November 23, 2007 Registration: N245DS - Make: Diamond - Model: DA-40 XL - S/N: 40.833 Tach: 35.0 - Airframe Total Time: 35.0 Registration: N245DS - Make: Diamond - Model: DA-40 XL - S/N: 40.833 Tach: 130.6 - Airframe Total Time: 130.6 100 Hour Inspection 100 Hour Inspection Opened all access panels and removed interior for inspection. Lubricated hinges, belicrants, rod end bearings, etc. Serviced and charged aircraft battery and reinstalled. Cleaned Opened all access panels for inspection. Lubricated hinges, belicranks, rod end bearings, etc. Charged aircraft battery and reinstalled. Cleaned fuel strainer and replaced o-ring. Placed fuel strainer and replaced o-ring. Closed all access panels and reinstalled interior. aircraft on jacks and inspected landing gear. Removed aircraft from jacks and closed all access panels and reinstalled interior. Verified ELT Battery expires October - 2009.
Tested ELT as per FAR 91.207(d), inspection next due November - 2008... Complied with DRDC Info Bulletin No. 2008-4, Rev 0, dated February 25, 2008 by installation of engine ballast kit part number C41-7106-01-00. Revised aircraft weight and balance information. I certify that this airframe has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition. Upgraded Garmin system software from 369.13 software to 321.19 software aper per Garmin update instructions 190-00544-03, Revision 5. Performed post update instructions. Keith h. allesin Verified ELT Battery expires October - 2009. Verified ELT test as per FAR 91.207(d) is next due November - 2008. Keith A. Allison A&P 562571398 I certify that this airframe has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition. QualiTech Aviation, Inc. November 23, 2007 Registration: N245DS - Make: Diamond - Model: DA-46 XL - S/N: 40.833 Tach: 35.0 - Airframe Total Time: 35.0 Charles H. Bonds A&P 3025225 Annual Inspection I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition. December 03, 2008 QualiTech Aviation, Inc. Registration: N245DS - Make: Diamond - Model: DA-40 XL - S/N: 40.833 Tach: 176.5 - Airframe Total Time: 176.5 Ignacio Vazquez Jr. A&P 3022092 IA 100 Hour Inspection Opened all access panels for inspection. Lubricated hinges, belicranks, rod end bearings, etc. Charged aircraft battery and reinstalled. Cleaned fuel strainer and replaced o-ring. Placed aircraft on jacks and inspected landing gear. Cleaned, inspected, and packed all wheel bearings. Replaced March 17, 2008 QualiTech Aviation, Inc. pilot's storm window seal. Removed aircraft from jacks and closed all access panels and reinstalled interior. Registration: N245DS - Make: Diamond - Model: DA-40 XL - S/N: 40.833 Tach Time: 40.3 Complied with AD 2007-17-06, dated September 25, 2007, by inspection of nose landing gear leg per the accomplishment instruction of Diamond MS8 40-046/1. No defects found. Next inspection due December - 2009 or airframe total time 376.5, whichever occurs later. G1000 Phase 6-1 Update per STC# SA01444WI-D Upgraded G1000 System Software Version from 0369.12 to 0369-13 as per the -2 Verified ELT Battery expires October - 2009. configuration of STC # SA01444WI-D. This configuration of for the G1000 with GFC 700 AFCS, and no WAAS. Diamond Aircraft Part Number G1000Phase6-1 Upgrade kit was purchased for Tested ELT as per FAR 91.207(d). Inspection next due December - 2009. this upgrade. All work was accomplished using the documents required per Gamin Master

Drawing List Number 005-0040-01, Rev 3. Placed Cockpit Reference Guide p/n 190-00324-07
in alicraft and gave Flight Manual Supplement p/n 190-00492-10 to owner. No change in weight
or balance, Completed and filed FAA Form 337 this date. I certify that this airframe has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition. Charles H. Bonds A&P 3025225 Charles H. Bonds A&P 3025225

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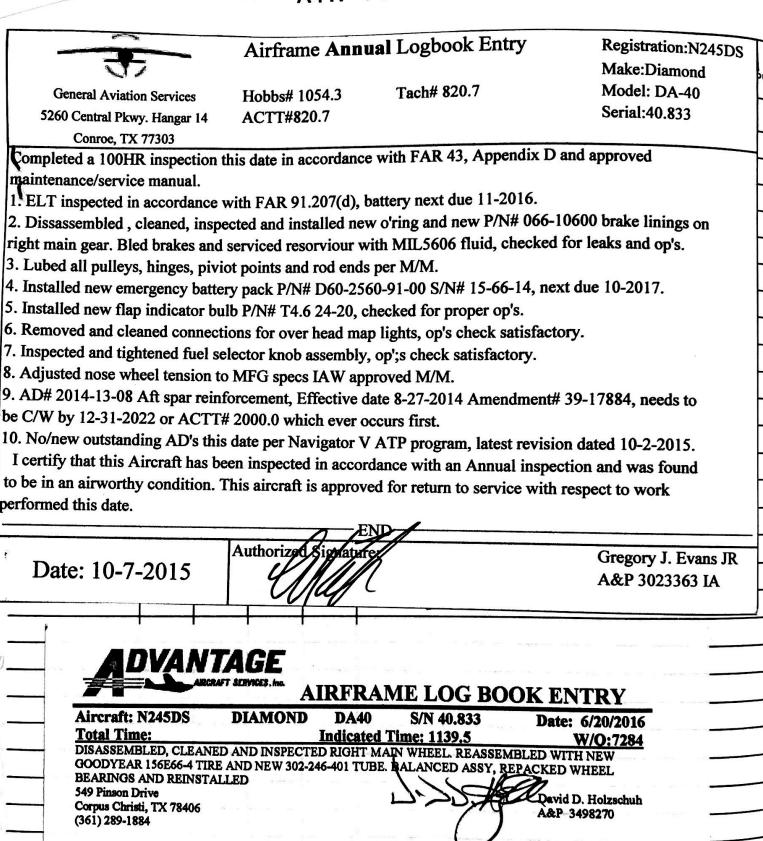
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	-Removed all inspections pected and luber - Examined aircraft e - Removed pilot, co- electrical connection - Inspected control st - Removed glareshie - Verified operation o pressure checked for - ELT Tested I/A/W 9 - Verified operation o - Serviced brake rese - Inspected battery for - Removed wheels al - Removed wheels al - Removed Powerflow hardware The following AD's NAD 93-05-06 (ACS I/AD 2014-13-08 (Aft - All AD's checked third - All maintenance per	287 14 Tach 691.4 Hobbs 891 Intion panels, and covers. In all hinges, pullies, bell cranks exterior for condition and any even pilot and passenger seats and it is for security. It icks and control system. Lubed and inspected all connection of fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during run to fuel to the fuel shut off valve during and lamps. In all lighting and la	idence of damage. Inspected seat shells. Inspected a rod ends and pullies. Re-installed is for condition and security. Re-in IP. Removed gascolator and clear IP. Re-installed into aircraft. IP. Clean MIL-H-5606	d seats. stalled glare shield. ned screen. Re-installed and 640. Secured with new 62/31/2022 eated.	
		Airfrons I or	hools Enter		4:NO45DG
	General Aviation Services 5260 Central Pkwy. Hangar 14 Conroe, TX 77303	Airframe Log Tach# 780.6 ACTT# 780.6	Hobbs# 1003.7	•	
1: 2. 3. I o	Removed right and left main 5X6.00 x 6 and repacked when Serviced all tires according to Checked for security and overtify that all work was done this Airframe was found to be espect to work performed this	to manufacturer's species of condition of work in accordance with less in an airworthy condition of work in an airworthy condition.	talled left and right mai cifications ork performed, all satisfa FAA regulations and ap	in tires assemblies. actory proved maintenance	manual.
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	Date: 08/14/2015	1X11	\mathcal{M}		723248

AIR TIME AND



Date: 01/06/2017 Tach: 926.3 AFT; 926.3 Reg.#: N245DS C/W Annual inspection referencing FAR Part 43 appendix (d) and Diamond DA-40 inspection checklist and service/maintenance manuals. C/W PAR 91.207(d) ELT unctional test; replaced battery pack with new Artex ME406 Lithium Battery pack Mn0.2 P/N: 452-6499. ELT battery due for replacement on Jan 2024. Lubricated sitriffame referencing DA-40 AMM lubrication schedule. Inspected all drain holes and water traps per AMM section 05-25-00. Replaced wing T-seal P/N: 1110762 on both wings. Inspected autopliot mechanical system. Cleaned, inspected, and re-packed all wheel bearings. Replaced brake linings with new RAPCO RA66-10600 brake linings. Inspected autopliot mechanical system. Cleaned, inspected, and re-packed all wheel bearings. Replaced brake linings with new RAPCO RA66-10600 brake linings. Inspected brake caliper seals for leaks and checked temperature indications on brake calipers for a with emaker indication. Re-sealed left brake caliper with new 0-rings and bleed hydraulic system. Serviced brake fluid reservoirs. Pressure leak checked shauts system. Verified AD compliance bi-weekly to 01/06/2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft permanent records. Run-up and leak check, Ok. I certify that this aircraft has been inspected in accordance with an amunual inspection and was determined to be in an airworthy condition at this time. In a continue of the aircraft permanent records. Run-up and leak check, Ok. I certify that the altimeter and static system tests required by FAR Part 91.411 has been performed in accordance with FAR 43, Appendix E. In a continue of the proposed system tests performed in accordance with FAR 43, Appendix E. Signature:	INSPE.	CTION, REPAIRS & REPLACEMENT NE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENC
Date: 01/06/2017 Tach: 926.3 AFTT: 926.3 Reg.*: N245D5 C/W Annual Inspection referencing FAR Part 43 appendix (d) and Diamond DA-40 Inspection checklist and service/maintenance manuals. C/W FAR 91.207(d) ELT unctional test, replaced battery pack with new Artex MB406 Lithium Battery pack MnO2 P/N: 452-6499. ELT battery due for replacement on jan 2024. Lubricated sirframe referencing DA-40 AMM lubrication schedule. Inspected all drain holes and water traps per AMM section 05-25-00. Replaced wing 1-seal P/N: 1110762 on both wings. Inspected autopilot mechanical system. Cleaned, Inspected, and re-packed all wheel bearings. Replaced brake linings with new RAPCO RA66-10600 brake linings. subsected brake caliper seals for leaks and checked temperature indicators on brake calipers for a white maker indication. Re-sealed left brake caliper with new O-rings and bleed hydraulic systems. Serviced brake fluid reservoirs. Pressure leak checked exhaust system. Verified AD compliance bi-weekly to 01/06/2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up mind leak check, Ok. I certify that this aircraft has been insected in accordance with an manual inspection and was determined to be in an airworthy condition at this time. ID Casteel N# 245 D3 SIN		SWTA.net		
Date: 01/06/2017 Tach: 926.3 AFTT: 926.3 Reg.*: NA45D SC, W Annual Inspection referencing FAR Part 43 appendix (d) and Diamond DA-40 Inspection referencing FAR Part 43 appendix (d) and Diamond DA-40 Inspection checklist and service/maintenance manuals. C/W FAR 91.207(d) ELT unctional test, replaced battery pack with new Artex MB406 Lithium Battery pack pack pack pack pack pack pack pack		SouthWest Texas Aviation		
wheel bearings. Replaced brake linings with new RAPCO RA66-1000U brake linings inspected brake caliper said checked temperature indicators on brake calipers for a white maker indication. Re-sealed left brake caliper with new 0-rings and bleed hydraulic system. Serviced brake fluid reservoirs. Pressure leak checked exhaust system. Verified AD compliance bl-weekly to 01/06/2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, Ok. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time. N# 245 D3 S/N 9/833AC Model D440 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43. Appendix E #1 Altimeter PN: GP217 (altimeter test date) Altimeter PN: GP217 (altimeter lest date) Altimeter PN: GP217	C/W Annual inspection in inspection checklist and functional test, replaced MnO2 P/N: 452-6499. E airframe referencing DA	referencing FAR Part 43 appendix (d) and Diamond DA-40 service/maintenance manuals. C/W FAR 91.207(d) ELT battery pack with new Artex ME406 Lithium Battery pack LT battery due for replacement on Jan 2024. Lubricated -40 AMM lubrication schedule. Inspected all drain holes and crion 05-25-00. Replaced wing T-seal P/N: 1110762 on both	ARTEX PRODUCTS - CAGI Fort Lauderdale, Fi ME406 LITHIUM BATTEF PART NO: 452-649 TSO C126 S.N EXPIRATION DATE: JAN /2	E Code: 18560 L 33312 RY PACK Mn(I9 REV: F N.:371865-0(2024 DO-22
and bleed hydraulic system. Serviced brake fluid reservoirs. Pressure leak checked be warhaust system. Verified AD compliance bi-weekly to 01/06/2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, Ok. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time. N# 245 DS S/N 4833 AC Model 2440 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter PN: 30.274 SN 4780/31 ### Altimeter PN: 30.274 SN 4780/31 Integrated System tests performed in accordance with FAR 43, Appendix E Signature: 20.245 SN 462141 Integrated System tests performed in accordance with FAR 43, Appendix E Signature: 20.245 SN 462141 Date: 4.25770/# 3.32 ACTT 9.24.3 Certificate No.: CRS# T6ER55SY Time Aerospace LLC N# 245 DS SN 462141 Lectify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F SN 478 SN 47	wheel bearings. Replace Inspected brake caliner:	d brake linings with new RAPCO RA66-10600 brake linings. Seals for leaks and checked temperature indicators on brake		
Exhaust system. Verified AD compliance bi-weekly to 01/06/2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, Ok. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time. N# 245 DS S/N \$\frac{9}{8}\$ SAC Model \$\frac{D\frac{4}}{9}\$ I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to \$\frac{2}{9}\$ feet tested on date: \$\frac{1}{9}\$ \frac{1}{9}\$ VIN \$\frac{1}{9}\$ SIN \$\frac{1}{9}\$ \frac{1}{2}\$ Eet tested on date: \$\frac{1}{9}\$ \frac{1}{9}\$ VIN \$\frac{1}{9}\$ SIN \$\frac{1}{9}\$ \frac{1}{2}\$ Eet tested on date: \$\frac{1}{9}\$ \frac{1}{9}\$ VIN \$\frac{1}{9}\$ \frac{1}{2}\$ SIN \$\frac{1}{2}\$ \frac{1}{2}	caliners for a white make	er indication. Re-sealed left brake caliper with new U-rings		
urnished to the aircraft owner and is part of the aircraft permanent records. Run-up minuted lack check, Ok. I certify that this aircraft has been inspected in accordance with an important minuted inspection and was determined to be in an airworthy condition at this time. N# 245 D3 S/N	exhaust system. Verified	AD compliance bi-weekly to 01/06/2017 per manufacturer.		
Ind leak check, Ok. I certify that this alreraft has been inspected in accordance with an immual inspection and was determined to be in an airworthy condition at this time. ID Casteel ID Casteel N# 245 D3 S/N 4/833 AC Model D440 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20½ feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: Gbc 74 S/N 4784/131 #2 Altimeter has been tested to 20½ feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5334PD-3 S/N 46274 Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/W0# 332 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 245 D3 S/N 40833 AC Model D440 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 39.44579 #2 XPNDR PN: GTX 34 S/N	urnished to the aircraft	owner and is part of the aircraft permanent records. Run-up		3
N# 245 DS S/N 483 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to \(\begin{align*} ali	and leak check. Ok. I cert	ify that this aircraft has been inspected in accordance with an		1
N# 245 PS S/N	nnual inspection and v	vas determined to be in an airworthy condition at this time.		-
I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested toZOL feet tested on date: /-6-ZO/7 (altimeter test date) Altimeter PN: _GDC_74		- ID Casteel		
I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested toZOL feet tested on date: /-6-ZO/7 (altimeter test date) Altimeter PN: _GDC_74	1000 TO IN 5 20	JD Casteel		
I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested toZOL feet tested on date: /-6-ZO/7 (altimeter test date) Altimeter PN:GDC 7/_ S/N/	100040 IN <u>4</u>	JD Casteel		
in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: BNC 74 S/N 47860/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5/34/PD-3 S/N 462/9/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7 WO# 3/32 ACTT 9/26/3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# ZUSUS S/N 40/8/3/AC Model DA40 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GN 3/3 S/N 9/04549 #2 XPNDR PN: S/N 3/4 ACTT 9/26/3	1000 TO IN			1
tested on date: /-6-20/7 (altimeter test date) Altimeter PN: GDC 74 S/N 17806/3/ #2 Altimeter has been tested to ZDE feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 534 PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# ZISDS S/N 10-833 AC Model 1240 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 35 S/N 91.457 #2 XPNDR PN: SIgnature: Date: -6-20/WO# 832 ACTT 926.3	100040 IA <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</u>	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests		
Altimeter PN: 30C 74 S/N 478W/3/ #2 Altimeter has been tested to ZOK feet tested on date: 1-6-20/7 (altimeter test date) Altimeter PN: 5/34/PD-3 S/N 4/62/9/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: 46-20 TWO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 21/5 D S/N 1/0.83 AC Model D440 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: 67x 33 S/N 3 9/0/5/9 #2 XPNDR PN: S/N 3 S/N 3 9/0/5/9 Signature: Date: 6-20 TWO# 832 ACTT 926.3	ACT 3100040 IA 2	N# 245 DS S/N 40,833AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed		
#2 Altimeter has been tested to _ZOE feet tested on date: _/-6-ZO/7 (altimeter test date) Altimeter PN: _593/PD-3 S/N _46Z/9/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature:	1000 TO IN	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet		
Altimeter PN: 5934PD-3 S/N 462191 Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: 16-70,7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 245DS S/N 40833AC Model 246 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: 67X 33 S/N 9 9/04599 #2 XPNDR PN: S/N NA Signature: Date: 16-207WO# 832 ACTT 926,3	act 3100040 IA 2	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date)		
Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: 1620 WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# ZUSDS S/N 10833AC Model DA40 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 89/WS99 #2 XPNDR PN: S/N NA Signature: Date: 16-20/WO# 832 ACTT 926.3	act 3100040 IA	N# 245 DS S/N 40,833AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20K feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 30C 74 S/N 47800/31 #2 Altimeter has been tested to 20K feet		
Signature: Date: ACTO 7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 215 DS S/N 10,833 AC Model DA10 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 9,104549 #2 XPNDR PN: S/N NA Signature: Date: 16-20 WO# 832 ACTT 926,3	act 3100040 IA 2	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 30 C 74 S/N 47800/3/ #2 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date)		
Date: ACTONO# 932 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# ZISDS S/N /O/833AC Model DAGO I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 39/W549 #2 XPNDR PN: S/N NA Signature: Date: Com/WO# 832 ACTT 926.3	ACT 3100040 IA 4 2 2 2	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-Z0/7 (altimeter test date) Altimeter PN: GDC 74 S/N 47860/31 #2 Altimeter has been tested to ZOK feet tested on date: /-6-Z0/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46Z191 Integrated System tests performed in accordance		
Time Aerospace LLC N# ZUSDS S/N WO.833AC Model DAGO I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 39/04547 #2 XPNDR PN: S/N NA Signature: Date: 6-207WO# 832 ACTT 926.3	ACT 3100040 IA 2 22	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20 k feet tested on date: 1-6-20/7 (altimeter test date) Altimeter PN: 30c 74 S/N 4780031 #2 Altimeter has been tested to 20 k feet tested on date: 1-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 462191 Integrated System tests performed in accordance with FAR 43, Appendix E.		
N# ZUSDS S/N Wolf BAGO I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 8 9/0/597 #2 XPNDR PN: S/N NA Signature: Date: 6-20/WO# 832 ACTT 926.3	ACT 3100040 IA 2 22	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: BC 74 S/N 47806/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: ACTT 926,3		
I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 8 9/W549 #2 XPNDR PN: S/N NA Signature: Date: 6-20/W0# 832 ACTT 926.3	act 31000 to In	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: GDC 74 S/N 47800/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y		
performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 3 9/04549 #2 XPNDR PN: S/N NA Signature: Date: 1-6-207WO# 832 ACTT 926.3	ACT STOOD TO IN Z	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 30,074 S/N 47800/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC		
#1 XPNDR PN: GTX 33 S/N 8 910/549 #2 XPNDR PN: NA Signature: Date: 1-6-207WO# 832 ACTT 926.3	ACT STOOD TO IN Z	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 30,074 S/N 47806/3/ #2 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 245 DS S/N 40.833 AC Model DA40 I certify that the Transponder system and integrated		
#2 XPNDR PN: S/N NA Signature: Date:	ACT STOOD TO IN TO SEE	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 30,074 S/N 4780/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20,7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 245DS S/N 40,833AC Model DA40 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been		
Date: 2-6-207WO# 838 ACTT 926.3	act 31000 to In 2	N# 245 DS S/N		
	act 31000 to In Z	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 3bc 74 S/N 4780/3/ #2 Altimeter has been tested to 20 k feet tested on date: /-6-20/7 (altimeter test date) Altimeter PN: 5934 PD-3 S/N 46219/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-20/7 WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# 245 DS S/N 40-833 AC Model DA40 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: 67x 33 S/N 49 9104549 #2 XPNDR PN: 67x 33 S/N 49 9104549		
Time Aerospace LLC	ACT STOOD TO IN TO SEE	N# 245 DS S/N 40,833 AC Model DA40 I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed in accordance with FAR 43, Appendix E #1 Altimeter has been tested to ZOK feet tested on date: /-6-Z0/7 (altimeter test date) Altimeter PN: BDC 74 S/N 4786/3/ #2 Altimeter has been tested to ZOK feet tested on date: /-6-Z0/7 (altimeter test date) Altimeter PN: 5-934PD-3 S/N 46Z19/ Integrated System tests performed in accordance with FAR 43, Appendix E. Signature: Date: /-6-Z0/7WO# 232 ACTT 926,3 Certificate No.: CRS# T6ER555Y Time Aerospace LLC N# Z45 DS S/N 40-833 AC Model DA40 I certify that the Transponder system and integrated system tests required by FAR 91.413 have been performed in accordance with FAR 43 Appendix F. #1 XPNDR PN: GTX 33 S/N 39/04549 #2 XPNDR PN: Signature: S/N 39/04549		

	DATE			I MF	· G.	J				
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	Removed and replace	ed the batter	y blast tube	with SCAT	4 tubing.					
	The aircraft, airframe	e, engine, pro	opeller, or a	ppliance ider	ntified abov	ve was repaired and inspethe work performed. Perti	cted in accordance w	vith current R	Regulations of the Feder	al A · · ·
9	Administration and is	s approved for	or return to	service with	respect to	the work performed. Perti	inent details are on fi	le under the	above work order.	al Aviation
-	Signed:					CRS #M9TR576Y				
						525 Turbine Ave, Cl	nesterfield, MO (63	6)532-6155		
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1	Scheduled Inspect	ions/Mainte	nance Chec	ks:						
	1) Complied w Maintenance	iun une Anni Manual, D	uai inspecti oc.#6.02.01	ion/200 Hou . Rev. 7. Ch	ur Check p	er the "Maintenance Che	cklist Airframe" in re	eference to I	Diamond DA 40 Series	Airplane
	Complied w	ith the Anni	ual Inspecti	ion/200 Hou	r Check n	er the "Maintenance Che	cklist DA 40 with Ly	coming IO-	360-M1A Engine" in r	eference to
1.1	Diamond DA Airworthiness Dire	7 40 Delles	Alipiane Mi	aintenance N	Manual, Do	c.#6.02.01, Rev. 7, Chapt	er 05-28-00.	3 - 5	and mile	Cicronice (i)
	3) Complied wi	ith AD 2017	1-04-06. effe	<u>ns:</u> ective date 4	/7/2017 by	y verification of the Unite	d Instruments altima	tor coriol mu	mhan/ah 462101) - 1	
	action is requ	and per on	ited Instrun	nents Service	e Bulletin	No. 13, dated 3/25/2016.	a msauments attime	ter senai nui	moer (s/n 462191) and	determined no
	Maintenance Actio	ns:								
	satisfactory.	No leaks or	defects note	rak 43.13(ed.	(c)(2) in re	ference to DA 40 Series A	MM 05-28-91 Engi	ne Ground 7	Test. Operational check	cs were
, 654	I certify that this ai	rcraft has be	en inspecte	d in accorda	ance with a	n annual inspection and	was datarminad to b			
	Administration and	is approved	for return	to service w	ith respect	bove was repaired and inst to the work performed. P	spected in accordance ertinent details are or	e with curre n file under	nt Regulations of the F the above work order	ederal Aviation
	Signed	M	7			CRS #M9TR576)			and the trong order.	
-							Chesterfield, MO	(636)532_61	ISE	
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	AIRFRAME					_			- 300, a to the second	- Tr
	Reg: N24	45DS		-		-		Date:	23 January 2018	
\dashv	Model: DA S/N: 40.8				K	AC		Hobbs:	1,357.1	
		-17-03891			-AV	lation-		Tach:	1,058.0	·
								ACTT:	1,058.0	
+	Scheduled Inspection 1) Complied with	the 12 mon	nce Checks th ELT ins	: pection/fun	ctional tes	at and found it meets the	requirements of FAR	2 01 207(4)	Pottomi audiens Von 2	n 2 4
-	The aircraft, airframe	e engine pr	oneller or s	nnliance ide	antified abo	ave upo repaired and inc.				
_	Administration and is	s approved f	or return to	service with	h respect to	o the work performed. Pe	rtinent details are on	with current file under the	it Regulations of the Foundation of the Foundati	ederai Avianon
	Signed:	3	_			CRS #M9TR576Y				
							Chesterfield, MO (636)532_614	55	
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						CARRIED FO	DEWARD.	ii.		
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ENGINEERING RECORD

	Model: S/N: W/O:	N245DS DA 40 40.833 MS-17-03896	KC	AC letion-	Dat Hobb Tac ACT	s: 1,357.1 h: 1,058.0 T: 1,058.0	noted
che	duled Insp	ections/Maintenance Che	cks: ential Bus inspection and fi ding System and Static Di	unction test in reference t	o DA 40 Series AMM 04-	00-00, Page 3. No delects erence to DA 40 Series Al	MM 51-80-00.
)	Complied	with the 1000 hour Bon	ding System and Static Di	scharging System lesis	ance measurement	nes to DA 40 Series AMN	M 24-32-00, Page
	No defect	ts noted.	Deals malacer	ment (n/n D60-2560-91-0	U s/n 1/-292-22) ili lelele	1100 to 2.1	
)	203-204.	Voltage check at the swi	& Battemi canacity test (n/n RG24-15M, s/n 4040	1/0/3) and the battery lan	· AND 4 24 31 00	
•)	Complied	with the 12 monun And on RG24-15M, s/n 4091	raft Battery capacity test (4097) in reference to current/annual Power Flow Exhibition 5.0. Instal	nt Concorde CMM Doc.	No. 5-0171 and DA 40 Sements by inspection of the	e exhaust in reference to c	current Power
)	Complied	with the 100 & 500 hou	ur/annual Power Flow Exhaustral S-15102, Section 5.0. Install to collector assembly (p/n 33)	lled a new #1 header (p/r	11550), a new #2 header	(p/n 12550), a new #3 her	nstallation
	Flow Inst	eader (p/n 14550), a new	S-15102, Section 5.0. Instal collector assembly (p/n 33	3003), and a new muffler	(p/n 80062 B) in reference	e to current 1 over 2 on a "	possesses The
	Instructio	ons, PFS-15102, Section	FF Flectronic Module As	sembly refurbishment. R	emoved the EMA and sen	to ANISAI'E IIIC, CIE	- A The same of the same
)	Complied	n 508358-421, s/n RA22	FE Electronic Module Ass DEC17-13) was rebuilt und	der work order no. 14130	7-1. Reinstalled the rebui	n Maintenance Manual-D	iamond DA
)							1-Diamond DA
	40/40F, S	Section 4.4. No defects in	On Visual Inspection ICA	requirement in reference	to the current G1000 Sys	stem Maintenance Mainte	
)	40/40F, S	Section 4.4. No defects n	oted. OO Lightning Protection	Fuses replacement by in	stallation of new fuses (p/	n 313 03.2) in reference to	o Garmin
)	Complied	d with the 24 month GIO FC 700 System Mainter	ance Manual 190-00545-0	1. — Shark IC	A requirement by the che	ck in reference to the curr	ent G1000 System
0)	Complied	d with the annual G1000	pro/MFD Power Interr 0A 40/40F, Section 4.13. C	upt Function Check IC heck was satisfactory.	A requirement by the end		Svetem Maintenan
	Maintena	ince Manual-Diamond L	month GSA 81 Serves cle	aning and lubrication of	the output gears in referen	ice to the current Groot	-,
1)							
2)	Complied	d with the 500 hour/12 m	nonth GSM 85 Servo Mou 1-00894-04, s/n 66800138)	and sent to Aero Charte	r, CRS# DGCR175D, for	testing under work order	no. 17-376. [0, .11. Operationa
	Reinstalle	ed the servo mounts in r	1-00894-04, s/n 66800138) eference to Garmin G1000	GFC 700 System Main	enance Manual 190-0034	5-01, Chapter o boundary	
	check wa	s satisfactory.					
<u> (Iain</u> 3)	ntenance A		detector. Installed a new v	risual CO detector.			
		I am I won looked the FIGHT	VENI WILLIAM INTELL WILL IN	., (/.		Dags 211
5)	Adjusted	the cabin heat valve call	ole for proper travel. Operate recognition light bulb with	th new (p/n 34-0428070	-64) in reference to DA 4	0 Series AMM 33-40-00	, rage 211.
7)	The second second second	1 de la compania del la compania de la compania del la compania de la compania del la compania de la compania d	amavea siid lediadaa uic s	tob himse (b		4 3 4 3 4 3 3 3 C (V)	1) with new. Clean
8)	and lubri	icated the fork bearing.	emoved and replaced the s Reinstalled nose wheel for and right brake discs with n	k. Work performed in re	and brake linings with ne	ew (p/n 066-14100) in ref	ference to Clevelan
9)	Removed	d and replaced the left a	nd right brake discs with in	A and DA 40 Series AM	M 32-40-00.		
20)	A dinetad	i the midder cable tensio	I to within mines in reserve	HOU to Die it a	IM 27-20-00.		
11)	Remove	d and replaced the heate	Luose Mini liem hil (sev		former to DA 40 Serie	s AMM 71-60-00.	c >44 7D)
22)	Classed	and pointed the midder	relicrank and replaced ule	Haidware with a me.			5-M0-ZP).
24)	Damoua	d and renigred one fight	main wheel lallilly locore	Lacie (prin = 1 = 1 -)		10775 104) and reinctalle	A WOLK DELIGITIES
25)	Remove	d and disassembled the	right brake caliper. Reasse ent Maintenance Manual A	WBCMM0001-19/US	A, Section 300 (2). Servi	ced and bled the brakes.	Operational and le
	check w	ac catictactory					
rs)			er, or appliance identified	ahove was repaired and	inspected in accordance	with current Regulations	of the Federal Av
i ne Adn	aircraft, a ninistration	n and is approved for re	er, or appliance identified a turn to service with respec	t to the work performed	. Pertinent details are on	file under the above wor	k order.
		1-0		COLUMN TOTOL	76V		
Sigr	ned:	111 3 -		525 Turbine A	ve, Chesterfield, MO (636)532-6155	
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	1001				and Diamond MM. Labricated all Fligh
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	+				TAW FAR 91.207(d). All epplicable AD.
		1			complied with See AC records for com
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N245		DIA	MOND A	IRCRAF	FT IND INC, DA 40, S/N: 40.833 June 15, 2020
Tach	: 1403.8				
	Compiled v	Mith annu	ai eli ilis	pection r	reference FAR 91.207 (d). No defects noted.
I certif pendix airfran	ly this aircr	raft has bas determined for re	een inspe ined to be turn to se	ected in a	accordance with an Annual inspection reference FAR 43 apairworthy condition. With respect to the work performed, this etails of work performed are on file with KJC Aircraft Services
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