

AIRCRAFT S/N
40.839

AIRCRAFT TECHNICAL LOGS

**Section 2. RECORD OF INSTALLATIONS &
MODIFICATIONS TO AIRCRAFT**

AIRFRAME LOG

1. Nationality and Registration

C-GLXL

2. Manufacturer's Designation

DA 40

3. Record of

- (a) Engine Installations
- (b) Propeller Installations
- (c) Airworthiness Directives (A/D)
- (d) Service Bulletins (S/B)
- (e) Special Inspections (S/I)
- (f) Modifications (MODS)

RECORD OF AIRFRAME

AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

DATE	A/D,	S/B,	S/I,	MODS	DETAILS OF	WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE NUMBER
					<p style="text-align: center;">Diamond</p> <p>Date: 21 SEPT, 2007 S/N: 40.839 Reg: C-GLXL TTAF: 4.5 HRS Engine S/N: L-33616-51E Prop S/N: 070368 1 of 2</p> <p><i>The following S/B and S/I have been carried out as applicable:</i></p> <p>DAI SI 40-005/Lycoming SB 342E/AWD 2002-26-01 Fuel Line(stainless steel tube assy) and support clamp Inspection and Installation New - Due every 100 hours. DAI SI 40-006 - Exhaust System Inspection of Flanges New - Due every 50 hours - N/A if MSB 40-07 C/W. SI 40-009(FAA AD 2002-26-01) - Externally mounted fuel injection lines - C/W DAI SI 40-010- Repair of certain injection servos - N/A due to S/N of unit. OSB 40-010/2 - Optional Long range fuel tanks installation - C/W OSB 40-014 - Optional aluminum gear axles -N/A by A/C S/N OSB 40-015 - Optional wintenzation kit - C/W OSB 40-021/1 - CG adjustment, tall skeg ballast - N/A OSB 40-025/1 - Main landing gear struts, smaller main landing gear tires - N/A OSB 40-031/1 - Installation of Winter Baffle in Wing Fresh Air Inlet-C/W OSB 40-042/1 - Mechanical install. of Garmin GDL60/ A XM Datalink system - N/A OSB 40-043/1 - Installation of Becker ADF3500 and/or Honeywell KN83 DME - N/A OSB 40-050 - Install. of external static pressure source for KAP140 system - N/A OSB 40-057/1 - Adjust. of elevator travel and replacement of limitations placard - N/A OSB 40-059 - Installation of taller main landing gear - N/A MSB 40-074 -Exhaust Flange Connection Tube Riser Immediate if cracks detected - N/A by A/C S/N.</p> <p>MSB 40-009 - Improvement of ground-connection to Alternator - N/A by A/C S/N. MSB 40-012- Replacement of Mixture Control Cable N/A as already Incorp. During mfg. MSB 40-018/2 - KAP140 Main software update - N/A by A/C S/N, A/C Config MSB 40-030/3 (EASA AD: 2006-0067, FAA AD 2007-11-21) Insp. of universal joints between fuel selector - Insp. C/W during Mfg. MSB 40-033 - Exhaust system - C/W, due at Next 15 RS and every 50 HR Inspection. MSB 40-044/1 - Muffler brace installation - N/A by A/C S/N. MSB 40-046/1 - Inspection of the nose landing gear leg - Refer to bulletin. MSB 40-048/2(EASA AD: 2006-0295-E, FAA AD: 2006-23-04) - Contamination In Engine Fuel System - N/A by Aircraft S/N</p> <p>Honeywell SB KC-140-M1 - KAP140 main software update - N/A Honeywell SB KS 270C-6 - Strain gage assembly for Pitch Servo - N/A Honeywell IB-511 - KAP140 Trim Fail faults, software update - N/A Garmin SB-0204 - GNS 430, GNS 530 Update of Software - N/A Garmin SB-0207 - Removal of Excessive Solder from Comm Board Vias-N/A Garmin SB-0209 - GMA 340 Mod 4 Factory Mod Only - N/A Garmin SB-0213 - GMA 340 Mod 7 one time. Factory Mod Only - N/A Garmin SB-0215 - Update Comm board Software - Advisory Only Garmin SB-0219 - GTX 327 Update Software - N/A Garmin SB-0220 - GDL 49 Upgrade Software - N/A Garmin SB-0223 - GTX 330 Upgrade Software - N/A Garmin SB-0224 - GNS 430/530 with GTX 330 software adds TIS capability - N/A Garmin SB-0225 - GTX 330/330D Upgrade Software - N/A Garmin SB-0301 - GTX 327 Upgrade Software - N/A Garmin SB-0304 - GTX 330 Upgrade Software - N/A Garmin SB-0308 - GNS 430/530 with GTX 330 software adds TIS capability - N/A</p> <p>Garmin SB-0408 - GIA 63 Covers - C/W during Mfg. Garmin SB-0408 - GTX 330/330D, GTX 33/33D - Software Upgrade - N/A Garmin SB-0410 - GMA 1347 Audio Board upgrade, auto squelch circuit(Opt) - N/A Garmin SB-0414 - GMA 1347 Mod 2, music muting, software ver. 2.04(Opt) - NCW Garmin MSB-0415 - GTX 33/33D Upgrade Software - C/W during prod. Garmin SB-0416 - GIA 63 Audio Panel Master Squelch(Opt) - NCW Garmin MSB-0418 - GIA 63 Mod 2 - C/W during prod. Garmin SB-0420 - Software upgrade for CNX80 - N/A as A/C not equipped Garmin SB-0422 - GTX 330/330D, GTX 33/33D - Software Upgrade - Opt Garmin SB-0426 - GTX 330/330D, GTX 33/33D - Software Upgrade - N/A Garmin SB-0505 - reworking GIA 63 LRU, Factory Mod only - Opt Garmin SB-0519 - G1000 System Software Ver. 0369.06 - N/A Garmin SB-0527 - Possible Delamination of Display in GDU - N/A by Mfg date Garmin SB-0710RevA - Hardware changes to GTX 33/33D - C/W by Garmin. Garmin SB-0713RevD - GSM 85 servo gearboxes inspected for FOD - C/W Garmin MSB-0522 Rev B - GIA 63 Outside Covers - C/W during prod. Garmin MSB-0533 - New 2005 IGRF Magnetic Field Model for G1000 GRS 77 - C/W Garmin MSB-0539 Rev B - G1000 System Software Ver. 0369.08 - C/W during Mfg.</p> <p>BI-weekly AWD check carried out to current revision 2007-20</p> <p>The maintenance described above has been performed in accordance with the applicable standards of airworthiness.</p> <p style="text-align: center;">DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #161-93</p> <p>Signature Lic or Stamp DA Q 42</p>			

RECORD OF AIRFRAME
AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

DATE	A/D, S/B, S/I, MODS	DETAILS OF	WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE NUMBER
		<p>Diamond</p> <p>Date: 21 SEPT, 2007 S/N: 40.839 Reg: C-GLXL TTAF: 4.5 HRS Engine S/N: L-33816-51E Prop S/N: 070368 2 of 2</p> <p>The following S/B and S/I have been carried out as applicable: Garmin MSB-0735 - GRS 77 Mod 1 One time factory only mod - C/W Garmin AWD 2005-01-19 - GTX 330/330D, GTX 33/33D - Software Upgrade -C/W Vision Microsystem PSB02043009 - Prevention of Entering "Test" mode during - N/A Precision Airmotive Fuel Servo SB PRS-105 - N/A due to S/N of unit. Textron Lycoming MSB 565 - Replacement of Diaphragm-Type Fuel Pumps P/N LW-15473 with date code of 3201 - N/A as date code does not match installed on this A/C Textron Lycoming AD 2002-12-07-Prevent Complete loss of engine oil-N/A due to M/N ACG AD A-2004-003 -Inspection carried out I.A.W. directive/see MSB 40-030/3. EASA AD 2005-0023/DAI-A SI 40-025/Lycoming SB and SI for Exhaust valve guide - Applicable by S/N. ACG AD No. A-2005-005/DAI-Austria MSB40-046 - Inspection of the nose landing gear leg - Applicable by S/N. Lycoming MSB 548A/DAI SI 40-023 - Diaphragm-Type Fuel Pump - with a date code of 0700 through 0401- N/A as date code does not match installed on A/C. Lycoming MSB 574A - Cylinder Stud Hole Cross-Threaded - N/A by Engine S/N FAA AD 2007-11-21 - Inspection C/W during manufacturing - see MSB 40-030/3 MT-Propeller SB 1AD - Time between Overhaul of Propellers, Governors and Oil-Accumulators (TBO) 1800 HRS/72 Months - See SB For Approved Time limits/schedule, information only. MT-Propeller installed as per TCCA STC No. SA06-52.</p> <p>Garmin Integrated Avionics System installed as per STC No. SA01254WI Amend. 1 Garmin GFC 700 Automatic Flight Control System installed as per STC No. SA01389WI. Ryan 9900BX Traffic Advisory System (TAS) installed as per STC No. SA02266NY. Power Flow Systems Inc. Tuned Exhaust System installed as per STC No. SA03281AT. AmSafe Inflatable Restraint System installed as per STC No. SA01918LA. Bi-weekly AWD check carried out to current revision 2007-20 The maintenance described above has been performed in accordance with the applicable standards of airworthiness.</p> <p align="center">DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #161493</p> <p>Signature _____ Lic or Stamp DA Q 42</p>			

SEPT 21 2007	TC AD CF-90-03R2	Exhaust type cockpit heaters; incorporate at intervals not to exceed 1 year or 150 flight hours, whichever occurs first - C/W	→	<i>[Signature]</i>	DA Q 42
Mon 11/08	2008-02-06	Auto pilot sensor inspected. PN 011-00894-07	replaced	<i>[Signature]</i>	168735
Aug 8/08	CF90-03R2	Cabin heater inspected		<i>[Signature]</i>	168735
Nov 5/08	MSB 40-054/1	Pitot/static & stall warning tubing	replaced	<i>[Signature]</i>	168735
Nov 5/08	MSB 40-060	Wing skin to spar bonding inspected		<i>[Signature]</i>	168735
Aug 13/09	CF90-03R2	Cabin heater inspected		<i>[Signature]</i>	~
Aug 13/09	2008-0224	Wing skin to spar bonding previously inspected	inspected	<i>[Signature]</i>	~
Aug 13/09	2009-0016	Nose gear leg - N/A by serial number		<i>[Signature]</i>	~
Aug 13/09	2009-05-05	Analyse P.F.D - NA, Garmin equipped		<i>[Signature]</i>	~
Aug 13/09	MSB 2008-02-14 40.058	Alternator wiring mod - N/A by serial #		<i>[Signature]</i>	~
Aug 13/09	OSB 40-061	Elevator screen panel - N/A by serial #		<i>[Signature]</i>	~
Aug 13/09	OSB 40-062	Artes ME406 ELT installed		<i>[Signature]</i>	~
Aug 12/10	CF90-03R2	Cabin heater inspected		<i>[Signature]</i>	823943
Aug 12/10	AD 2008-14-07	Fuel injection lines inspected.		<i>[Signature]</i>	823943
Aug 12/10	MSB 40-064	alternator jumper wire - N/A by S/N		<i>[Signature]</i>	823943
Aug 12/10	MSB 40-066	Installation of large rudder - N/A by serial #		<i>[Signature]</i>	823943
Aug 12/10	MSB 40-067	Inspection of emergency exit lever	complied with	<i>[Signature]</i>	823943
Aug 12/10	MSB 40-069	Improved wing walk - optional		<i>[Signature]</i>	823943

RECORD OF AIRFRAME
AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

DATE	A/D, S/B, S/I, MODS	DETAILS OF	WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE NUMBER
Aug 12/10	MSB 40-070	Replacement of door retaining bracket	- N/A by serial #	Steve P... 823943	
Aug 05/11	CF 90-03R2	Cabin heat system inspected		C. Bunt 348208	
Aug 15/12	AD 2012-08-06	Sealed fuel tank diaphragm	N/A		
Aug 15/12	AD 2011-26-04	Fuel injection lines inspected			
Aug 15/12	ADCF90-03R2	Cabin heater inspected			
Sept 3/13	AD 2011-26-04	Fuel injection lines inspected			
Sept 3/13	ADCF90-03R2	Cabin heater inspected			
May 5/15	AD 2011-26-04	fuel injection line insp			
May 5/15	CF 90-03 R2	Cabin heater insp			
June 3/16	AD 2015-19-07	fuel injection line insp.			
June 3/16	CF 90-03 R2	Cabin heater insp.			
Dec 4/17	SB 612	oil dipstick removed & replaced new			
Aug 1/18	AD 2015-19-07	Fuel injection line insp			
Aug 1/18	AD CF-90-03R2	cabin heater insp.			
Oct 18/19	AD 2015-19-07	fuel injection line insp			
Oct 18/19	ADCF-90-03R2	cabin heater insp			
Nov 1/19	MSB 40-057 Rev 1	deterioration of fuel tank connections	MSB does not apply. Plane built in 2007. Fuel lines never replaced between 10/01/18-26/02/19		

AM.O. 335-92
AM.O. 335-92
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K. De... M854394
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MISix Aviation Services Inc.
4-2480 Huron Street
London, ON, N5V 0B1
Phn: 705-527-4447 Fax: 705-527-5557

C-GLXL
Diamond DA 40
S/N 40.839

WO #3247

- Removed #1 GIA 63 integrated avionics unit PN: 011-00781-01, SN: 48106488; Re-installed following overhaul under RO: 395.
- Removed existing GA55 antenna P/N: 011-01033-00 S/N: 87506038; Install new GA37 antenna P/N: 013-00245-00, S/N: 21026.
- Removed existing GTX 33 transponder PN: 011-00779-10, SN: 89104582; Install new GTX345R ADS-B Transponder PN: 011-03303-40, SN: 3EH440324, GTX345R @ SWL: v2.54; G1000 flight deck suite @ SWL: v0321.22 IAW IM: 190-00734-10 Rev.14 as approved under STC: SA15-64.
- Updated G1000 system magnetic variation model to v.2015.00 IAW Garmin software SB No.: 0533 Rev.C.
- 24 month recertification carried out IAW CAR 571 App. "B" & "F". Static leak rate -95ft/min @ 1000ft AAE, Pitot leak rate 0.33kts/min @ 100kts; Pitot/Static mast inspected for moisture, deformation, corrosion, and sources of restriction. System next due Aug. 21, 2022.

-ELA Addendum & Equipment List Dated: Aug. 20, 2020; W&B Amendment # 2, Dated: Aug. 20, 2020; AFMS 190-00734-15 Rev.4; ICA 190-00734-11 Rev.7 Ch.4, and Major Mod Report supplied to customer.

"The described maintenance has been performed in accordance with the applicable airworthiness requirements".

Sign: *[Signature]* Date: Aug. 21, 2020 Stamp: AMO#60-08

S/I, MODS	DETAILS OF
170	Replacement of door retaining bracket
22	Cabin heat system inspected - N/A by serial #
06	Fueled fuel sensor diaphragm N/A
04	Fuel injection lines inspected
22	Cabin heater inspected
	Fuel injection li
22	Cabin heater ins
04	fuel injection
22	Cabin heat
07	fuel injection
22	Cabin heat
	oil dipstick re
	fuel injection
2	cabin heater
	fuel injection
22	cabin heater
Rev 1	deterioration

WORK OR INSPECTION PERFORMED	SIGNATURE
- N/A by serial #	(Signature)
	C. B...
	(Signature)
	MISS...

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AUTH# 817349
THANK YOU

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COD SALES UNASSIGNED TORONTO
AVIALL/TORONTO
7425 TRANMERE DR. UNIT 2
MISSISSAUGA ON L5S 1L4
CANADA

S H I P T O
10012383
DELTA ALPHA AVIATION
1785 COVINGTON TERRACE
MISSISSAUGA ON L5M 3M3
CANADA

S H I P F R O M
1501
AVIALL TORONTO CSC
TORONTO SALES OFFICE
UNIT 2-7425 TRANMERE DRIVE
MISSISSAUGA ON L5S 1L4
CANADA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
000010	0	30	LW14760 GAUGE: OIL LEVEL, DIP STICK	1	1	0	EA	260.34	260.34
			BATCH 7364481458			1			
000020	0	30	74068 SEAL: OIL LEVEL GAUGE	1	1	0	EA	2.48	2.48
			BATCH 7364356570 Exp Date :31MAR21			1			

Services Inc.
reet
V0B1
47 Fax: 705-527-5557

nit PN: 011-00781-01, SN: 48106488; Re-in
-01033-00 S/N: 87506038; Install new GA3
l: 011-00779-10, SN: 89104582; Install new
45R @ SWL: v2.54; G1000 flight deck suit
f.

model to v.2015.00 IAW Garmin software S
AR 571 App. "B" & "F". Static leak rate -9
ected for moisture, deformation, corrosion.

Aug. 20, 2020; W&B Amendment # 2, Date
Major Mod Report supplied to customer.

ned in accordance with the applicable airw

Stamp: 003

This is not an Invoice.
For payment processing, please refer to Invoice.

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE
I hereby certify that the aircraft parts appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted. Je certifie par la par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d approvisionnement consistante avec les conditions sous lesquelles l'approbation du distruteur du departement du transport no. 35-86 ont ete recue.

AV20 RS-06

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07MAR17
Date -