

AIRCRAFT TECHNICAL RECORD

Section 2. INSTALLATIONS & MODIFICATIONS LOG

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Record of Installations & Modifications

1. Nationality and Registration: N53RG
2. Manufacturer's Designation: DA 50 C
3. Record of Installations and Modifications:
 - a. Engine Installations
 - b. Propeller Installations
 - c. Airworthiness Directives (A/D)
 - d. Service Bulletins (S/B)
 - e. Special Inspections (S/I)
 - f. Modifications (MODS)

ACA 02
AMC 161-93

DATE / /	A/D, S/B, S/I, MODS	DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
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AMO 161-93

Aircraft Reg: N53RG
Work Order: S0074814

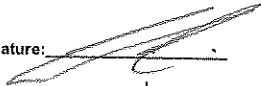
Date: July 30, 2024

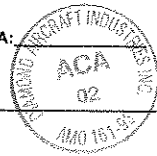
Make	Model	SN	TSN
Diamond	DA 50 C	50.C.A.A.052	37.5 Hrs.
Engine	Continental	06-01-00107	37.5 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	37.5 Hrs.

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No.3579/24, dated April 30, 2024.
- USA Registration Letters "N53RG" installed on fuselage side surface I.A.W. FAR45.25 (b) (2).
- ELT & TXPR reprogrammed & verified for USA Registration "N53RG":
 - ELT Hex Code: A6AF92, ELT Hex ID: ADC64926050AAB1, ELT P/N: S1851501-02 S/N: TM0000301104, ELT Battery Due Date: March 1, 2030
 - TXPR P/N: 011-03303-01 S/N: 3EH044492
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 par D.
- Transponder default VFR code set to 1200.
- COM frequency channel spacing set to 25 KHz.
- Removed Turtle Pac ferry tank and pump assembly IAW Diamond work instructions WI-FCDN 50-011 Rev. 1.
 - Turtle Pac PN: D33X SN: 4496 & 6174
- Removed ferry seat bench and reinstalled original PAX seat bench IAW DA 50 C AMM 9.02.01 Issue 12 Ch. 25-10-15.
 - Removed ferry bench PN: D67-2521-00-00 Installed original PAX seat bench PN: D67-2521-03-00-S1+S2, SN: 138
- Current Aircraft Weight and balance information as found in AFM 9.01.01-E Issue: 15 Ch. 6 dated July 30, 2024.
 - Current Empty Weight = 1514.0 kg OR 3337.80 lbs
 - Current Empty C of G = 2.375 m OR 93.505 in
 - Max Ramp Weight = 1999 kg OR 4407.04 lbs
 - Current Useful Load = 485.0 kg OR 1069.24 lbs
- IAW DA 50 C NAM 50-007/c (Operation in USA), the following design change advisories have been reviewed and found to be carried out:
 - MAM 50-097, MAM 50-270, OAM 50-057
- OAM 50-011 (Ice protection system) has been de-activated IAW OAM 50-057/b.
- Power connectors JA & JB installed IAW OAM 50-042/a (Ferry Tank Provisions) have been capped and stowed behind instrument panel. 10 Amp CB "ACC-Power" pulled and locked.
- RH AFT baggage pillar repaired IAW DA 50 C AMM 9.02.01 Issue 12 Ch. 51-20-05. Headliner rivnut and attach screw replaced following repair.
- Airframe documentation inspected for Major Mod's and/or STC's incorporated. None Found.
- Complied with Diamond MSB 50-002/3. Updated engine software IAW CAT doc. TM TAE 000-0007 Rev. 61. See form one tracking # P20767/2024.
- Complied with Diamond MSB 50-008. Horizontal stabilizer bolts retorqued IAW Diamond work instructions WI-MSB 50-008.
- Complied with Diamond RSB 50-007. Flap actuator trigger rod inspected/lubricated IAW Diamond work instructions WI-RSB 50-007.
- All applicable Airworthiness Directives, Service Bulletins complied with. See attached report.
- AWD Bi-weekly checked thru 2024-15.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: 

ACA: 


AMO 161-93

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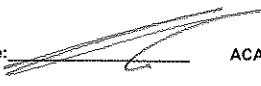
Date: August 22, 2024

Make	Model	SN	TSN
Diamond	DA 50 C	50.C.A.A.052	38.8 Hrs.
Engine	Continental	06-01-00107	38.8 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	38.8 Hrs.

The following work was performed:

- G1000 databases updated as required.
- OAM 50-011/r "Ice protection system (TKS)" has been enabled for flight into known or forecast icing conditions IAW FAA TCDS A000641B Rev. 3
 - OAM 50-057/b "De-activation of Ice Protection System" removed.
 - DA 50 C AFM Doc. No: 9.01.01-E Issue 015, Ch. 9 "Supplements" updated. Supplement S003 Issue 002 "Ice protection system for flight into known icing" marked applicable in Table 1. Supplement printed and inserted into AFM Ch. 9.
 - Limitations placard "Alternate static & FIKI" installed IAW AFM Supplement S003 Issue 002 Ch. 2 Fig. 2.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: 

ACA: 