

Section 1: AIRFRAME

DATE	AIR TIME				DAILY TOTAL	TOTAL
	DAILY TOTAL		HOURS	MIN		
	HRS	MIN				
/ /						



wo: WO_147

Steel Aviation, Inc. · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

January 06, 2023

DIAMOND AIRCRAFT IND INC, DA 40, S/N: 40.1230

N741CD
TACH: 151.8

1. C/W Annual Inspection in accordance with FAR 43 Appendix D - using Diamond AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D).
3. ELT Battery Due: April 2028.
4. Airworthiness Directives Due: New AD's: AD22-13-06 N/A by date of manufacture of baggage net. Recurring AD's: None due at this time.
5. Placard ordered for MSB40-096 comply with once part comes in.
6. MSB40-093 does not apply by date of manufacture on baggage net.
7. C/W 100 hour per Diamond AMM. Next due @ 251.8.
8. R&R L/H tire and tube with new tire and serviceable tube. Installed P/N 156E66B1 - 15.00x6.0-6 6PLY tube tire.
9. C/W Powerflow Exhaust ICA's.
10. C/W Amsafe 12 month ICA's.
11. C/W Tanis ICA's 12 month visual inspection.
12. C/W AD 15-19-07 by visual inspection. Next due @ 251.8 Tach and every 110 hrs after or any maintenance is done where a clamp is move, loosened or removed.

I certify that this AIRFRAME has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation, Inc. under work order: WO_147.

Jeff Pleiman A/P I/A 3304319

wo: WO_300



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N741CD

HOBBS: 0.0

TACH: 197.3

August 02, 2023

R/R #4 EGT probe, OPs tested . Installed P/N 1020060-WIP - EGT PROBE, DA40.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_300.

Jeff Pleiman A/P I/A 3304319

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

wo: WO_330

Airframe - page 1 of 1



Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N741CD
HOBBS: 269.1

Diamond, DA40, S/N: 40.1230
TACH: 213.3

September 22, 2023

1. C/W MSB40-096 GFC autopilot limitations placard. Installed P/N DA4-1131-25-03-SB - Placard, Autopilot Limitations.
2. C/W MSB40-086/2 Software for Garmin G1000.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_330.

Jeff Pleiman A/P I/A 3304319

Model DA.40
S/N 40.1230
Reg # N741CD
WO# 230219

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 10/31/23
Hobbs 337.2
FLT 261.8

Airframe: Reset connections at Carbon Monoxide Detector. C/W Powerflow Exhaust Insp/bubble test, no leaks noted. C/W Brake Insp, Brake Pads at 50%, no action taken. Serviced all tires as required.

3541816 A&P IA

WO# 24-015
Reg# N741CD
Model# DA.40
SN# 40.1230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 2/2/24
Tach 393.8
Hobbs 520.1

Airframe: C/W Annual Inspection IAW Diamond DA40 Series Checklist. C/W FAR 91.207(d) ELT Insp. ELT ops check good. Battery exp, 4/2028. Researched AD's to present. Replaced Induction Air Filter PN FR-08504. Lubed aircraft as required. Post inspection systems/leak checks satisfactory.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

3541816 A&P IA

Model DA.40
S/N 40.1230
Reg # N741CD
WO# 230230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 11/9/23
Hobbs 361.2

Airframe: Replaced R/H MLG Tube PN 097-500-0 and Tire PN 070-449-0. Serviced as required.

3541816 A&P IA

Secti

Model DA.40
S/N 40.1230
Reg # N741CD
WO# 23-256

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 12/11/23
Hobbs 431.9

DA1

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FORW/

Airframe: Replaced L/H MLG Tube PN 097-500-0 and Tire PN 070-449-0. Serviced all tires as required. Replaced all Brake Linings PN 066-14100. Visual inspection of the engine satisfactory. Troubleshoot Fuel Pressure Indication to connector. Cleaned, reseated, and secured connector and harness. C/W ground run and multiple power cycles. Ops checks satisfactory.

3541816 A&P IA

WO# 24-110
Reg# N741CD
Model# DA.40
SN# 40.1230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 6/20/24
Hobbs 624.4
Tach 469.5

Airframe: C/W 100 HR Inspection IA W Diamond DA40 Series Checklist. C/W FAR 91.207(d) ELT Insp. ELT ops check good. Battery exp, 4/2028. Researched AD's to present. C/W 500hr Alternator Insp. Replaced Brush Assy ALU-304BS, reinstalled Alternator. Lubed aircraft as required. C/W ground run, post inspection systems/leak checks satisfactory.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

3541816 A&P IA

WO# 24-143
Reg# N741CD
Model# DA.40
SN# 40.1230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 7/31/24
Hobbs 667.0
Tach 503.3

Airframe: Removed, disassembled, cleaned, and insp all Wheel Assemblies. No defects. Repacked Bearings and reassembled with new Tires/Tubes. MLG Tires- 070-449-0, Tubes- 097-500-0. Nose Tire- 070-312-0, Tube- 097-908-0. Reinstalled Wheel Assemblies and serviced all Tires as required. Removed erratic Alternator PN ALU-8521L8, SN H-T1207563. Installed O/H unit ALU-8521, SN H-N040374. Removed Prop and replaced Alt Belt PN 13A1080 and AC Belt 37A19773-376. Reinstalled Prop with new Packing. Removed original Concorde RG24-15M. Top charged and installed new main Battery, same PN, SN 41381105. C/W ground run, systems checks satisfactory.

3541816 A&P IA

WO# 24-254
Reg# N741CD
Model# DA.40
SN# 40.1230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 12/19/24
Hobbs 706.9

Airframe: C/W Turbulence Insp. at owners request. Removed access panels at high stress areas to visually inspect attach points, flight control systems, and structural members. C/W electrical bonding checks as described in AMM 51-80-00 (major components only, are all well within parameters). C/W Diamond Hard Landing Insp. C/W visual inspection of exterior and performed Coin Tap Method Inspections at skins and flight control surfaces where applicable. C/W ground run, all systems and leak checks satisfactory.

3541816 A&P IA

WO# 25-001
Reg# N741CD
Model# DA.40
SN# 40.1230

Interstate Turbine Management
2700 Fort Trenholm Rd.
Johns Island, SC 29455

Date 2/6/25
Hobbs 717.4

Airframe: Removed Canopy and Passenger Door Locks. Installed new ACS Lock Set PN A-545-A8. Adjusted Locking Lever as required to obtain positive engagement. Operational checks satisfactory. Replaced missing Canopy Door Guide Pin Receptacle at fwd left Guide Pin PN DA4-5210-00-36.

3541816 A&P IA

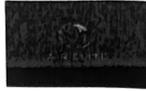
PAGE
TOTALS

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

wo: CVG145-25011

Airframe · page 1 of 1



Air Elite LLC · 122 New Price Pike · Erlanger, KY 41018 · (513) 441-1450 · CRS#: 5A8R960B

N741CD
TACH: 722.8

DIAMOND AIRCRAFT IND INC, DA 40, S/N: 40.1230

March 03, 2025

Complied with 24 month 91.411 and 91.413 Inspection to 20,000 Ft. ICW Far 43 Appendix E and F. No discrepancies Noted at this time.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Air Elite LLC under work order: CVG145-25011.

Hane Webb CRS 5A8R960B