

AIRCRAFT S/N
42.ACO77

AIRCRAFT TECHNICAL LOGS




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

AIRFRAME LOG

1. Nationality and Registration N935YM
2. Manufacturer's Designation DA 42
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),

DATE	A/D, S/B, S/I, MODS	DETAILS OF
		
		<p>Date: 14 September, 2007 S/N: 42.AC077 Reg: N935YM TTAF: 5.8 HRS Engine LH S/N: 02-02-01662 Engine RH S/N: 02-02-01669 Propeller LH S/N: 070080 Propeller RH S/N: 070081 <i>1 of 2</i></p> <p><i>The following S/B and S/I have been carried out as applicable:</i></p> <p>LBA AD D-2004-457/R2 – in case of failure of elec. power supply – N/A by M/N LBA AD D-2004-473 – Detachment of high press. pump mounting bolts – N/A by M/N LBA AD D-2005-152/R1 – Chapter 5 to TAE Ops & Mainten. Manual – N/A by M/N DAI-A AD D-2005-145 – Thielert Software m2.7 – N/A by M/N DAI-A AD D-2005-229/R1, S142-007 – Engine, Exchange of the clutch disk only if Engine or Clutch has been replaced – N/A ACG AD No. A-2005-003/MSB 42-005 – Issuance of a TR to AFM for one Eng – N/A DAI-A MSB 42-006/1 – Exchange of safety walk on wing stubs – N/A DAI-A MSB 42-007/1 – Software for TAE Engine, approved version – N/A DAI-A MSB 42-008/3 – Software for Garmin G1000 – C/W 370-16 installed DAI-A MSB 42-010/1 – Relocation of Config Module, KCM 100 – N/A DAI-A MSB 42-016/2 – Installation improved breather line ATA-Code:71-00 – N/A by engine M/N DAI-A MSB 42-017 – Oil Lines ATA-Code:79-00 – N/A by A/C S/N DAI-A MSB 42-019/4 – Exchange of Aux Fuel Tank Filter – C/W DAI-A MSB 42-021 – Inspection of clearance of exhaust pipe – N/A by A/C S/N DAI-A MSB 42-024/3 (EASA-AD: 2006-0277, FAA AD 2007-12-24) – Install Prop System valve bracket – N/A due to A/C S/N DAI-A MSB 42-027/1 – Engine replacement requires engine control harness Replacement (at next engine change/replacement) – N/A by M/N DAI-A MSB 42-028 – Engine replacement (at next engine change/replacement) Requires Electrical Harness Sealant – N/A by A/C S/N DAI-A MSB 42-030/2 – Check of return fuel line installation on Common Rail – N/A by A/CS/N DAI-A MSB-031/1 – Inspection of repair of MLG brace rib – N/A DAI-A MSB 42-032/1 (EASA AD: 2007-0047, FAA AD 2007-12-05) – Installation of a ventilation hole filler cap fitting Aux. Tank – Incorp. during Mfg. DAI-A MSB 42-035 – Coolant Tank Cap Pressure Relieve Test – C/W during Mfg, Required @ 200 HR Inspection. DAI-A MSB 42-038/2 – Installation of Modified Water Tube Bracket – N/A by M/N DAI-A MSB 42-042/1 – Installation of additional ECU backup batteries – NCW DAI-A OSB 42-001/2 – Possible retrofit installation of design changes – N/A DAI-A OSB 42-009 – Installation of two additional hinges to forward cargo doors – N/A DAI-A OSB 42-013 – Install of Aux Fuel Tank, ATA-Code:28-00 – Incorp. during Mfg. DAI-A OSB 42-014/4 – Increase of maximum Take Off Mass – C/W DAI-A OSB 42-015/2 – Installation of ice protection system ATA-Code:30-00 – C/W DAI-A OSB 42-018 – Installation of WX-500 Stormscope – C/W DAI-A OSB 42-019 – Recommended Temporary deact of Aux Fuel Tank – NCW DAI-A OSB 42-023 – Optional retrofit installation of an oxygen system – N/A DAI-A OSB 42-040 – Installation of ECU P/N 02-7610-55181R1 – Optional, C/W DAI-A OSB 42-046 – Retrofit of TAE 125-02 engine – N/A DAI-A OSB 42-050 – Installation of additional ECU 30 min backup batteries – C/W DAI-A RSB 42-025 – Improved Fuel Probe – C/W during Mfg. DAI-A RSB 42-029 – Installation of additional Positioning Pins for the Canopy – C/W DAI-A RSB 42-036 – Instal. of Water Separator in the MAP-Lines of ECU – C/W DAI-A RSB 42-041/1 – Welding reinforcement-cabin heat exchanger – NCW Garmin MSB-0735 - GRS 77 Mod. 1 One time factory mod only – C/W</p> <p>TAE SB TM TAE 000-0004 R52 – TAE manuals – C/W by TAE TAE SB TM TAE 000-0007,R2 – variants and software revisions – C/W by TAE TAE SB TM TAE 125-0001,R2 – Engine Lifetime of 1200 Flight Hours/12 years – Due at 1200 HRS TAE SB TM TAE 125-0002,R3 – Each 300 Flight Hours; Inspection of Gearbox, Gearbox oil and filter, Engine oil and filter – Due after each 300 flying hours – N/A by M/N TAE SB TM TAE 125-0003,R6 – Oil pressure sensor, prevention of damages – N/A by M/N TAE SB TM TAE 125-0004,R4 – New version of firmware and mapping – N/A by M/N TAE SB TM TAE 125-0005 – Conversion to compression 18:1 – N/A by M/N TAE SB TM TAE 125-0006,R4 – Current level of firmware, mapping compression ratio 18:1 – N/A by M/N TAE SB TM TAE 125-0007,R5 – Cooling, prevention of electrochemical corrosion – N/A by M/N TAE SB TM TAE 125-0008,R3 – Function of Alternator in case of a failure of the electrical aircraft power supply – N/A by M/N TAE SB TM TAE 125-0009,R1 – Screw Retention – Bearing Shield High Pressure Pump – N/A by M/N TAE SB TM TAE 125-0010 – Airworthiness Limitation Section, Operation & Maintenance Manual – due at 100 HRS -N/A by M/N</p>
		<p>Bi-weekly AWD check carried out to current revision 2007- 19 The maintenance described above has been performed in accordance with the applicable standards of airworthiness. DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #161393</p> <p>Signature  Lic or Stamp </p>

