AIRCRAFT S/N
40-716

AIRCRAFT TECHNICAL LOGS

Section 2. RECORD OF INSTALLATIONS & MODIFICATIONS TO AIRCRAFT

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RECORD OF ENGINE &

DATE	ENGINE OR PROPELLER MAKE & MODEL	SERIAL NO.	POSITION	DATE INSTALLED	DATE REMOVED	
NOV 30 2006	LYCOMING JO-360-MIA	L-33042-51A	4	NOV 2006	—	
NOV 30 2006	MT-PROPELLER ENTWICKLUNG GmbH MTV-12-B/183-59b	061269	4	NOV 2006	—	ENGINE PROPELLER

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PROPELLER INSTALLATION

REMARKS - REASON FOR CHANGE	SIGNATURE	LICENCE NUMBER
NEW ON DA 40 S/N 40.716	James M. Pollard	UA 0 23
W ON DA 40 S/N 40.716 AS PER TCCA STC NO. SA06-52	James M. Pollard	UA 0 23

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AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS

DATE	A/D, S/B, S/I, MODE

Diamond

Date: 30 November 2006 S/N: 61-7104 Reg: N1748Q
TTAF: 4.5 HRS Engine S/N: L-33043-40A Prop S/N: [illegible]
1 of 3

The following S/B and S/I have been carried out as applicable:
DAI SI 40-002 /1 Lycoming Mandatory S/B 545 – Engine Cylinder & Lub Hose replacement – N/A by S/N
DAI SI 40-003 – Vision Microsystem VM1000 Capacitor check – N/A
DAI SI 40-004 – Honeywell SB KLN 94 SW3 KLN 94 GPS Rec. Suitability – N/A
DAI SI 40-005/Lycoming SB 342E/AWD 2002-26-01 Fuel Line Installation (Fuel assy.) and support clamp Inspection and installation New Fuel Line Support Clamp – N/A
DAI SI 40-006 – Exhaust System Inspection and installation New Exhaust System – N/A
SI 40-008(FAA AD 2002-26-01) – Externally mounted fuel injection servo flanges New Gasket – N/A
DAI SI 40-010- Repair of certain injection servos – N/A due to S/N of A/C
MSB 40-02 – Steel brake lines N/A due to S/N of A/C
OSB 40-03 Retrofit Installation for Night VFR N/A as already incorporated during Mfg.
OSB 40-04/3 Retrofit Installation for IFR operation N/A as already incorporated during Mfg.
OSB 40-05 Optional Canopy and Door lock Retrofit – C/W
OSB 40-06 Optional ELT for DA40 A/C Registered in France – N/A
OSB 40-010 /1 Optional Long range fuel tanks installation – C/W
OSB 40-014 Optional aluminum gear axles –N/A
OSB 40-015 Optional wintenzation kit – C/W
OSB 40-021 CG adjustment, tail skeg ballast – N/A
OSB 40-025 Main landing gear struts, smaller main landing gear tires – N/A
OSB 40-031 Installation of Winter Baffle in Wing Fresh Air Inlet-C/W
OSB 40-043 Installation of Becker ADF3500 and/or Honeywell KN63 DME – N/A
MSB 40-07 Exhaust Flange Connection Tube Riser Immediate if cracks detected later than DEC 31 2002 – N/A
MSB 40-009 Improvement of ground-connection to Alternator – PCW During mfg.
MSB 40-012 Replacement of Mixture Control Cable N/A as already Incorp. During mfg.
MSB 40-018/1 KAP140 Main software update – N/A
MSB 40-030/3 (EASA AD: 2006-0067 Insp. of universal joints between fuel selector – Insp. C/W during Mfg.
MSB 40-044 Muffler brace installation – N/A
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
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
RSB 40-011 Starter relay replaced with latest revision – C/W
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-0218 – GNS 430, GNS 530 Update of Software – N/A
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
Garmin SB-0408 – GIA 63 Covers – C/W during Mfg.
Garmin SB-0409 – GTX 330/330D, GTX 33/33D – Software Upgrade – N/A
Garmin SB-0410 – GMA 1347 Audio Board upgrade, autosquelch circuit(Opt) – N/A
Garmin SB-0414 – GMA 1347 Mod 2,music muting,software ver. 2.04(Opt) – C/W
Garmin MSB-0415 – GTX 33/33D Upgrade Software – C/W during prod.
Garmin SB-0416 – GIA 63 Audio Panel Master Squelch(Opt) -Opt
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-0423 – GTX 327, GTX 32 – Software Upgrade – Opt
Garmin SB-0426 – GTX 330/330D, GTX 33/33D – Software Upgrade – N/A
Garmin SB-0505 – reworking GIA 63 LRU, Facoty Mod only – Opt
Garmin SB-0519 – G1000 System Software Ver. 0369.06 – C/W during Mfg.
Garmin SB-0527 – Possible Delamination of Display in GDU – N/A by Mfg date
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.
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.

Bi-weekly AWD check carried out to current revision 2006-25.

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

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #161-93

Signature John M. Rolland Lic or Stamp DA Q 23

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RECORD FRAME

AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS

DATE	A/D, S/B, S/I, MODS	DETAILS

Diamond

Date 30 November, 2006 S/N 40 716 Reg N[illegible]
TTAF 4 5 HRS Engine S/N L-33042-51A Prop S/N [illegible]
2 of 2

The following S/B and S/I have been carried out as applicable
Textron Lycoming MSB 565 – Replacement of Diaphragm-Type Fuel Pumps [illegible]
15473 with date code of 3201 – N/A as date code does not match installed on A/C
Textron Lycoming AD 2002-12-07-Prevent Complete loss of engine oil-N/A S/N [illegible]
ACG AD A-2004-003 –Inspection carried out I A W directive/see MSB [illegible]
DAI-Austria SI 40-015 – Honeywell Software update KAP140 for Trim Fail [illegible]
See Honeywell Information Bulletin No 511
DAI-Austria MSB40-033 – within 15 hrs and every 50 hr insp. Check cracks at Flanges of the exhaust system riser – N/A
EASA AD 2005-0023/DAI-A SI 40-025/Lycoming SB and SI for Exhaust valve guide [illegible]
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
Textron Lycoming MSB 548A/DAI SI 40-023 – Diapharm-Type Fuel Pump – with date code of 0700 through 0401- N/A as date code does not match installed on A/C
Lycoming AD 2005-19-11/Lycoming MSB 566 – Failure of Crankshaft – N/A by M/N of Engine.
DAI MSB-40-048/2, EASA AD 2006-0295-E – Inspec. of fuel system for possible contamination – N/A by A/C S/N
MT-Propeller – No SB's, SI's or AWD's Applicable.
MT-Propeller installed as per TCCA STC No. SA06-52.
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. SA02258NY
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 2006-25.
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

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