AIRCRAFT TECHNICAL LOGS

Section 2. RECORD OF INSTALLATIONS & MODIFICATIONS TO AIRCRAFT

AIRFRAME LOG

1.	Nati	ionality and Registration	N8840S	_				
2.	Man	ufacturer's Designation	DA 40	_				
3.	Rec	ord of	of					
	(a) (b) (c) (d) (e) (f)	Engine Installations Propeller Installations Airworthiness Directives (A/ Service Bulletins (S/B) Special Inspections (S/I) Modifications (MODS)	D)					

RECORD OF ENGINE &

			A ENG	-		
DATE	ENGINE OR PROPELLER MAKE & MODEL	SERIAL NO	POSITIO	N DATE	DATE	
8 04 2008	LYCOMING IC-360-MIA HT-PROPELLER ENTWICKLUNG ON	1-33891-5	SE G	JAN 2008		_
042008	M-PROPEUER ENTWICKUNG 600	07/086	2	JAN ZOOS		ENGINE
		1		- was		PRUPEU
					_	PEURCURIA
MAKE: Diam MODEL: DA- S/N: 40 889 REG. NO: 88 WORK ORDE 1999-04-2008	eps planed 5540 Fort I Phon	emier Aircraft Se NW 23rd Avenue Hang Lauderdale, FL 33309 e: (954) 334-2393	ervice,. Inc. er 14		DATE: 4/29/200 A/C TSN: 14, TACH: 14,	
Airframe E	ITAL SOFTWARE INSTALLED ON 4	/04/2008 NOW CON	IFORMS WITH EAA	APPROVED STO		_
SA01480WI-	D.INSTALLATION IAW DWG. NUME	BER 055-00442-02. V	WEIGHT AND BALAN	CE UNCHANGED. 337		
This aircraft/en	gine is approved for return to service with r	eference to work perform	med on this W/O on this	date. THIS RELEASE IN NO	O WAY CERTIFIES	
	A	(se N				
DATE: 4/29/2	008 SIGNED: Jack Wesley Date, IA	30-7		Work Ord	ler: 1999-04-2008	
_	, <i>Dailo</i> , <i>I</i>			Printed by EBis 3 (datcomedia.com)	
1	1		1	1 1	1	_
	·		 	+		
				++		
		1.7%				
				+		
				1		
				+		
				 		
				 		
ı	ı	1	1		and the second second second	
				1	l	20000

PROPELLER INSTALLATION

REMARKS - REASON FOR CHANGE	SIGNATURE	LICENCE
NEW ON DA 40 5/2 40.889 AS PER STC Nb. SAOG-52-		0 42
NEW ON DA 40 5/2 40,889 AS DER ST 16 SANI-52-		(DA)
JOSEPH TO TEX SIC NO. SILVE SE		
	я.	
		_
		1
A		
		
K.		
	l	

RECORD OF AIRFRAME AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B), DATE **M** Diamond Date 4 F282URY -, 2008 S/N: 40.889 Reg: N889DS TTAF 45HRS Engine S/N: L-33891-51E Prop S/N: 071086 The following S/B and S/I have been carried out as applicable: The following S/B and S/I have been carried out as applicable.

DAI SI 40-005/Lycoming SB 342E/AWD 2002-26-01 Fuel Line (stainless steel tube)

The following S/B and S/I have been carried out as applicable.

DAI SI 40-005/Lycoming SB 342E/AWD 2002-26-01 Fuel Line (stainless steel tube) DAI SI 40-005/Lycoming ab 342E/AVV 2002 Each 100 Colline (Stainless steel tub. assy.) and support clamp Inspection and Installation New – Due every 100 hours. assy) and support clamp inspection of Flanges 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/vv.
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 DAI SI 40-010- Repair of certain injection of the state o OSB 40-015 - Optional winterization kit - Optional OSB 40-021/1 - CG adjustment, tail skeg ballast - N/A OSB 40-025/1 - Main landing gear struts, smaller main landing gear tires - N/A OSB 40-020/1 - Installation of Winter Baffle in Wing Fresh Air Inlet-Optional OSB 40-031/1 - Installation of vyinter pains in Vying 1 control in the Optional OSB 40-042/1 - Mechanical install, of Garmin GDL69/ A XM Datalink system - N/A OSB 40-042/1 – Mechanical Install. Of Garrinin Goldon, Frank Statem - N/A
OSB 40-043/1 - Installation of Becker ADF3500 and/or Honeywell KN63 DME - N/A OSB 40-04371 - Installation of external static pressure source for KAP140 system – N/A OSB 40-050 – Install, of external state placement of limitations placard – N/A
OSB 40-057/1 - Adjust, of elevator travel and replacement of limitations placard – N/A

Later State of tables main landing gear – N/A: C/W during Management of tables and tables and tables and tables are tables and tables are tables and tables and tables are tables are tables and tables are tables and tables are tables are tables and tables are tables are tables and tables are tables are tables are tables are tables and tables are tables are tables are tables and tables are tables and tables are tab OSB 40-0577 - Aujust of clearly main landing gear – N/A; C/W during Mfg. MSB 40-07/4 -Exhaust Flange Connection Tube Riser Immediate if cracks detected -MSB 40-009 - Improvement of ground-connection to Alternator - N/A by A/C S/N MSB 40-009 - Improvement of ground-control Cable-N/A as already Incorp. During mfg.

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 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 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, 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 - N/A Bi-weekly AWD check carried out to current revision 2008-03 The maintenance described above has been performed in accordance with the

applicable standards of airworthiness.

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #161-9

Signature Lic or Stamp

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

DATE	A/D,	S/B,	s/I,	MODS	DETAILS OF
					OF OF
					M Diamond
					Date HRESCURY , 2008 S/N: 40.889 Reg: N889DS TTAF: 4.5 HRS Engine S/N: L-33891-51E Prop S/N: 071086
					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 – N/A Garmin MSB-0738 Rev B - Replace Transient Voltage Regulator – N/A, C/W during
					Garmin OSB-0739 Rev C = Software Ver. 0369-13, WAAS = N/A, 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 the control of the con
					Textron Lycoming MSB 565 – Replacement of Diaphragm-Type Fuel Pumps
	<u> </u>				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
	+	\			Lycoming MSB 548A/DAI SI 40-023 – Diaphragm-Type Fuel Pump – with a date code
	+	$\overline{}$			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 according to the control of
	 	$\overline{}$			Oil-Accumulators (TBO) 1800 HRS/72 Months - Social
			\		For Approved Time limits/schedule, information only. MT-Propeller installed as per TCCA STC No. SA06-52 / FAA STC No. SA02292NY. Garmin Integrated Avionics System installed as per STC No. SA01254WI Amend. 1
					Garmin GFC 700 Automatic Flight Control System installed as per STC No.
					Garmin Upgrade of G1000 and GFC 700 AFCS software and installation of optional WAAS hardware upgrades installed as per STC No. SA01444WI-D. Power Flow Systems Inc. Tuned Exhaust System installed as per STC No.
	-			\	SA03281AT AmSafe Inflatable Restraint System installed as per STC No. SA01918L4
	-			$\overline{}$	TCCA AD CF-90-03R2 - Exhaust type cockpit heaters; incorporate at intervals not to exceed 1 year or 150 flight hours, whichever occurs first. Bi-weekly AWD check carried out to current revision 2008-03
				$\overline{}$	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 Lic or Stamp
	1				-
					† ;
					Diamond
					Date: March 24, 2008 WO#: RO-08-063 S/N: 40.889 Reg #: N889DS TTAF: 4.5 hrs.
					The Following work has been carried out: Precision MSB PRS-107/AD2008-06-51 complied with, RSA servo S/N
	1				70C89505 inspected. No defect noted. Next due in 50 hrs flying time or next and every oil change.
	-	$\overline{}$			The maintenance described above has been performed in
	+	$\overline{}$			accordance with the applicable standards of airworthiness.
	+		\		DIAMOND AIRCRAFT INDUSTRIES AMO 161-93 DA RO17
	+		_		Signature Lic or Stamp
-	1			1	
				/	



N889DS

SN:40.899

ACT TT 47.3 HOBBS 47.3

FLT CYCLES

INCE BER

414/2009 _1/14*|20*09

* Complied with Diamond MSB-40-054/1. Removed the pilots seat and necessary panels to gain access to the pitot, static, and stall warning lines. Installed spiral wrap to the lines to provide reinforcement to the pitot, static, and stall warning line installation to prevent pinching. No modification was necessary to maintain proper clearance at the aft floor wall. Reinstalled panels, and seats and tested the seat belt system with test box to verify proper operation. Checked good.

Jaron J. Kirkland

A&P 3124657



N889DS

HOBBS: 47.3

SN: 40.889

1/13/2009

Complied with Diamond Aircraft Mandatory Service Bulletin MSB-40-060; MSB-F4-016. Aircraft meets SB requirement and is approved for return to service.

alam supplie

A&P 3060798



Tach 53.8

N889DS

Hobbs 70.9

SN:40.899

5/5/2009

* Complied with AD2009-07-14(wing Adhesive voids) IAW MSB-40-060; MSB-F4-016 back on 1/13/2009. All Voids were found to be with in MSB limits. Paper work was FWD to Diamond AC as stated in AD. No further action is required. (39-15873).

A&P 3339040