



DA 40 / DA 40 F List of Equipment Original	 Diamond Aircraft Specific Equipment Record	Aircraft Serial No.:	40.836
		Registration:	N258DS
		Issue date:	17 AUGUST 2007

Note: This List of Original Equipment is in addition to and does not supercede the Equipment List in your Approved Flight Manual!

Item No.	Equipment List Description	Status	Part/Model No.	Serial No.	In-stalled	Re-moved	Weight		Arm	
							lbs	kg	in	m
	AUTOPILOT SYSTEM:		Bendix/King KAP 140							
22-01	Flight computer		Bendix/King KC 140 065-00176-7703				2.04	0.93	70.08	1.780
22-02	Pitch servo		Bendix/King KS 270 C 065-00178-2500				2.29	1.04	154.7	3.930
22-03	Pitch servo mount		Bendix/King KM 275 065-00030-0000				1.077	0.489	154.7	3.930
22-04	Roll servo		Bendix/King KS 271 C 065-00179-0300				2.29	1.04	120.6	3.064
22-05	Roll servo mount		Bendix/King KM 275 065-00030-0000				1.077	0.489	120.6	3.064
22-06	Trim servo		Bendix/King KS 272 C 065-00180-3500				2.29	1.04	87.2	2.214
22-07	Trim servo mount		Bendix/King KM 277 065-00041-0000				1.097	.498	87.2	2.214
22-08	Pitch Servo	STC # SA01389WI	Garmin GFC700 GSA 81 011-00878-00	66405014	X		2.27	1.03	154.4	3.921
22-09	Pitch Servo Mount	STC # SA01389WI	Garmin GFC700 GSM 85 011-00874-07	N/A	X		1.39	0.63	154.4	3.921
22-10	Pitch Servo Bridle Cable Assy	STC # SA01389WI	Garmin GFC700 117-00187-00/ 117-00188-00	N/A	X		0.04	0.017	154.4	3.921
22-11	Roll Servo	STC # SA01389WI	Garmin GFC700 GSA 81 011-00787-00	66405238	X		2.27	1.03	122.4	3.109
22-12	Roll Servo Mount	STC # SA01389WI	Garmin GFC700 GSM 85 011-00874-07	N/A	X		1.39	0.63	122.4	3.109
22-13	Roll Servo Bridle Cable Assy	STC # SA01389WI	Garmin GFC700 117-00187-00/ 117-00188-00	N/A	X		0.04	0.017	122.4	3.109
22-14	Pitch Trim Servo	STC # SA01389WI	Garmin GFC700 GSA 81 011-00878-00	66403929	X		2.27	1.03	87.9	2.232
22-15	Pitch trim Servo Mount	STC # SA01389WI	Garmin GFC700 GSM 85 011-00874-04	N/A	X		1.61	0.73	87.9	2.232
22-16	Pitch Trim Servo Chain	STC # SA01389WI	Garmin GFC700 233-30003-00	N/A	X		0.88	0.40	87.9	2.232
	COMMUNICATION									
23-01	COMM		Garmin GNS 530 010-00182-01				8.5	3.86	70.08	1.780
23-02	COMM		Garmin GNS 430 010-00134-11				6.5	2.95	70.08	1.780
23-03	COMM		Garmin GMA 340 010-00152-11				1.76	0.80	70.08	1.780
23-04	ICS		PS Engineering PM1000 II 11922				0.75	0.34	70.08	1.780

Place: DAII - CYXU	Date: 17 AUGUST 2007	Authorizing Stamp 	Authorizing Signature  Tom Norman
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**DA 40 / DA 40 F
List of Equipment
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							lbs	kg	in	m
	ELECTRICAL POWER									
24-01	Battery		Concorde (Gill) CB24-11M (G243)				28.0	12.7	47.0	1.194
24-01a	Battery		RG24-15M	N/A	X		29.5	13.4	47.0	1.194
24-01b	Battery		RG24-11M				26.43	12.0	47.0	1.194
24-02	Emergency Back-Up Battery, Alkaline Cell		D41-2560-90-00				4.14	1.88	66.5	1.690
24-02a	Emergency Back-Up Battery, Lithium		D60-2560-91-00	07-040-1839	X		0.564	0.256	66.5	1.690
	EQUIPMENT									
	ELT ACK E-01						X	X	X	X
25-01	ELT unit		ACK E-01	059053	X		3.52	1.607	173.2	4.400
25-02	ELT antenna		ACK E0109	N/A	X		0.137	0.062	173.2	4.400
	ELT Artex ME406	OAM 40-284a	455-6614				X	X	X	X
25-03	ELT Unit		Artex 453-6603				2.06	0.936	173.2	4.400
25-04	ELT Antenna		Artex 110-773				0.25	0.114	173.2	4.400
25-06	Fire extinguisher, portable		Amerex A620T	N/A	X		2.586	1.174	110.0	2.794
25-07	CO-Detector		452-201-010	N/A	X		0.24	0.11	70.08	1.780
	SEAT BELTS, STANDARD									
25-11	Front Seat Belt LH		5-01-1C0701				3.36	1.524	92.52	2.350
25-12	Front Seat Belt RH		5-01-1C5701				3.36	1.524	92.52	2.350
25-13	Front Seat Belt Receptacle LH		5-01-1C0701				0.54	0.225	92.52	2.350
25-14	Front Seat Belt Receptacle RH		5-01-1C5701				0.54	0.225	92.52	2.350
25-15	Rear Seat Belt		5-01-1B5701				3.00	1.360	126.77	3.220
25-16	Rear Seat Belt		5-01-1B0701				3.00	1.360	126.77	3.220
25-17	Rear Seat Belt Receptacle		5-01-1B5701				0.54	0.225	126.77	3.220
25-18	Rear Seat Belt Receptacle		5-01-1B0701				0.54	0.225	126.77	3.220

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							lbs	kg	in	m
	SEAT BELTS, AMSAFE AAIR, FRONT									
25-20	AmSafe Front Seat Belt LH	STC # SA01918LA	7053-1-011-8157	N/A	X		4.662	2.115	92.52	2.350
25-21	AmSafe Front Seat Belt RH	STC # SA01918LA	7053-1-021-8157	N/A	X		4.662	2.115	92.52	2.350
25-22	AmSafe Front Receptacle LH	STC # SA01918LA	7053-1-011-8157	N/A	X		1.304	0.591	92.52	2.350
25-23	AmSafe Front Receptacle RH	STC # SA01918LA	7053-1-021-8157	N/A	X		1.304	0.591	92.52	2.350
25-24	Inflator Front	STC # SA01918LA	508792-401	N/A	X		1.28	0.580	93.3	2.370
25-25	Electronic Module Assy Front	STC # SA01918LA	508358-421	02FEB07-070	X		0.65	0.294	88.4	2.245
	SEAT BELTS, AMSAFE AAIR, REAR									
25-30	AAIR Rear Seat Belt LH	STC # SA01918LA	7057-1-011-8157				4.622	2.115	126.77	3.220
25-31	AAIR Rear Seat Belt RH	STC # SA01918LA	7057-1-021-8157				4.622	2.115	126.77	3.220
25-32	AAIR Rear Receptacle	STC # SA01918LA	7057-1-011-8157				0.6	0.272	126.77	3.220
25-33	AmSafe Rear Receptacle	STC # SA01918LA	7057-1-021-8157				0.6	0.272	126.77	3.220
25-34	Inflator Rear	STC # SA01918LA	508792-401				1.28	0.580	128.9	3.275
25-35	Electronic Module Assy Rear	STC # SA01918LA	508358-421				0.65	0.294	134.8	3.425
	SEAT BELTS, AMSAFE NON-AAIR, REAR									
25-40	Rear Seat Belt LH	STC # SA01918LA	3149-2-021-8157	N/A	X		3.00	1.360	126.77	3.220
25-41	Rear Seat Belt, RH	STC # SA01918LA	3149-2-021-8157	N/A	X		3.00	1.360	126.77	3.220
	INDICATING / REC. SYSTEMS									
31-01	Storm Scope		Goodrich 805-11500-001				2.29	1.040	70.08	1.780
31-02	Storm Scope Antenna		Goodrich 805-10930-001				0.82	0.370	70.08	1.780
31-03	Altimeter inHg /mbar, primary		United In. 5934PD-3				0.496	0.225	70.08	1.780
31-04	Altimeter inHg /mbar, secondary		United In. 5934PD-3	462724	X		0.496	0.225	70.08	1.780
31-05	Vertical speed indicator		United In. 7000				0.462	0.210	70.08	1.780
31-06	Airspeed indicator		United In. 8025	196495	X		0.425	0.193	70.08	1.780

**DA 40 / DA 40 F
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Item No.	Equipment List Description	Status	Part/Model No.	Serial No.	In-stalled	Re-moved	Weight		Arm	
							lbs	kg	in	m
	GARMIN G1000	STC # SA01254WI					X	X	X	X
31-08	Transponder GTX33	STC # SA01254WI	Garmin 011-00779-10	89104579	X		3.03	1.38	155.5	3.950
31-09	Nav/Comm GIA63	STC # SA01254WI	Garmin 011-00781-01	48106476	X		5.29	2.40	70.08	1.780
31-10	Nav/Comm GIA63	STC # SA01254WI	Garmin 011-00781-01	48106448	X		5.29	2.40	70.08	1.780
31-11	Magnetometer GMU44	STC # SA01254WI	Garmin 011-00870-00	47508682	X		0.379	0.172	101.7	2.584
31-12	Air Data Computer GDC74	STC # SA01254WI	Garmin 011-00882-00	47808057	X		1.58	0.720	155.5	1.780
31-13	AHRS GRS77	STC # SA01254WI	Garmin 011-00868-10	42006984	X		2.54	1.15	155.5	3.950
31-14	PFD GDU1040	STC # SA01254WI	Garmin 011-00972-03	88904516	X		6.40	2.91	70.08	1.780
31-15	MFD GDU1040	STC # SA01254WI	Garmin 011-00972-03				6.40	2.91	70.08	1.780
31-15a	MFD GDU1042 GFC700	STC # SA01254WI	Garmin 011-01080-00	86850759	X		6.40	2.91	70.08	1.780
31-16	Engine Instruments GEA 71	STC # SA01254WI	Garmin 011-00831-00	46706229	X		1.66	0.755	70.06	1.780
31-17	GMA 1347	STC # SA01254WI	Garmin 011-00809-00	47109271	X		1.74	0.785	70.08	1.780
31-18	GDL69	STC # SA01254WI	Garmin 011-00987-00	47757839	X		2.49	1.13	161.1	4.092
	ADF with G1000	OAM 40-210a STC # SA01254WI					X	X	X	X
31-19	ADF Receiver RA3502		013-00166-00				2.08	0.94	158.9	4.036
31-20	ADF Antenna AN3500		013-00165-00				3.45	1.56	133.9	3.400
31-21	DME with G1000 KN63	OAM 40-211b STC # SA01254WI	066-1070-01				2.48	1.12	141.1	3.585
31-22	RMI AC3504-1		013-00167-00				1.30	0.59	158.9	4.036
	TAS600	STC # SA02266NY					X	X	X	X
31-23	TAS600 Processor	STC # SA02266NY	70-2420-x TAS600	0705076			6.80	3.10	197.64	5.020
31-24	TAS600 Transponder Coupler	STC # SA02266NY	70-2040	N/A	X		0.50	0.23	197.64	5.020
31-25	TAS600 Antennas Single Blade	STC # SA02266NY	S72-1750-31L	N/A	X		0.66	0.298	168.31	4.275
31-26	TAS600 Antennas Double Blade	STC # SA02266NY	S72-1750-32L	N/A	X		0.75	0.340	104.33	2.650

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							lbs	kg	in	m
	LANDING GEAR AND BRAKES									
32-01	MLG Tire – 6.00-6		Goodyear 301-027-420				17.52	7.95	107.9	2.740
32-01a	MLG Tire – 15x6.00-6	(Requires MAM 40-123 18mm thick MLG struts).	Goodyear 301-249-420	N/A	X		15.70	7.13	107.9	2.740
32-02	Wheel Fairings - Standard									
	MLG Wheel Fairings LH		DAI DA4-3213-91-00				2.80	1.27	107.9	2.740
	MLG Wheel Fairings RH		DAI DA4-3213-92-00				2.80	1.27	107.9	2.740
	NLG Fairing		DAI DA4-3223-91-00				2.00	0.91	41.6	1.058
32-02b	Wheel Fairings – 15x6.00-6									
	MLG Wheel Fairings New LH	(Requires 15x6.00-6 Tire)	DAI DA4-3215-91-00	N/A	X		2.30	1.04	107.9	2.740
	MLG Wheel Fairings New RH	(Requires 15x6.00-6 Tire)	DAI DA4-3215-92-00	N/A	X		2.30	1.04	107.9	2.740
	NLG Fairing New		DAI DA4-3225-91-00	N/A	X		2.00	0.91	41.6	1.058
	NLG Strut Fairing		DAI DA4-3227-90-00	N/A	X		1.00	0.45	41.6	1.058
32-03	MLG Strut, 18mm LH	MAM 40-123	DAI D41-3213-11-50/1				28.85	13.10	104.6	2.657
	MLG Strut, 18mm RH	MAM 40-123	DAI D41-3213-12-50/1				28.85	13.10	104.6	2.657
32-04	MLG Strut, 19mm, LH		DAI D41-3213-11-50				32.16	14.60	104.6	2.657
	MLG Strut, 19mm, RH		DAI D41-3213-12-50				32.16	14.60	104.6	2.657
32-0X	MLG Strut, Tall, LH	OAM 40-283	DAI D41-3213-11-50X01	N/A	X		33.05	15.00	104.6	2.657
	MLG Strut, Tall, RH	OAM 40-283	DAI D41-3213-12-50X01	N/A	X		33.05	15.00	104.6	2.657
	LIGHTS									
33-01	Strobe light power supply LH/RH		Whelen A490ATS-CF-14/28 01-0770062-05	N/A	X		1.592	0.723	101.0	2.566
33.02	Ballast Assembly HID Lighting		DA4-3347-53-00	N/A	X		0.827	0.375	101.0	2.566
33.03	Bulb HID Lighting		39663	N/A	X		0.440	0.199	91.18	2.316

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							lbs	kg	in	m
	NAVIGATION									
34-01	Dir. gyro, free		BF-Goodrich AIM2051BLD 505-0031-931				2.6	1.18	70.08	1.780
34-02	Attitude indicator		BF-Goodrich AIM1100-28L(OF) 504-0111-936				2.20	1.0	70.08	1.780
34-03	Attitude indicator		BF-Goodrich AIM1100-28LK(OF) 504-0111-938				2.20	1.0	70.08	1.780
34-04	Attitude indicator		BF-Goodrich AIM1100-28LK(2F) 504-0111-941				2.200	1.0	70.08	1.780
34-05	Turn coordinator w/o AP pickup		Mid Continent Instr. 1394T100-(3Z)				0.822	0.373	70.08	1.780
34-06	Transponder		Garmin GTX 327 010-00188-03				3.04	1.38	70.08	1.780
34-07	Transponder		Garmin GTX 330 010-00230-01				4.04	1.83	70.08	1.780
34-08	XPDR antenna		Bendix/King KA60 071-01174-0000				0.15	0.070	89.4	2.270
34-09	XPDR antenna		Bendix/King KA60 071-01591-0001				0.22	0.100	89.4	2.270
34-10	NAV antenna coupler		Comant CI 507				0.20	0.089	106.1	2.685
34-11	NAV/COM/GPS#1		Garmin GNS 430 010-00139-11				6.5	2.95	70.08	1.780
34-12	NAV/COM/GPS#1		Garmin GNS 530 010-00182-10				8.5	3.86	70.08	1.780
34-13	NAV/COM/GPS#2		Garmin GNS 430 010-00139-11				6.5	2.95	70.08	1.780
34-14	CDI, VOR/LOC/GS#1		Garmin GI 106A 013-00049-00				1.4	0.63	70.08	1.780
34-15	GPS antenna #1		Garmin GA 56 011-00134-00	N/A	X		0.4	0.18	106.1	2.695
34-16	GPS antenna #2		Garmin GA 56 011-00134-00	N/A	X		0.4	0.18	106.1	2.695
34-17	COMM antenna #1		DMC63-1-A				0.4	0.18	177.2	4.500
34-18	COMM antenna #2		DMC63-2				0.4	0.18	161.4	4.100
34-19	Turn Coordinator		1394T100-12RA				1.41	0.64	70.08	1.780
34-20	Turn Coordinator		1394T100-12RZ				1.41	0.64	70.08	1.780

