

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

All equipment that is approved for installation in the DA 40 is shown in the *Equipment List* below.

The items of equipment installed in your particular airplane are indicated in the appropriate column. The set of items marked as 'installed' constitutes the *Equipment Inventory*.

NOTE

The equipment listed below cannot be installed in any arbitrary combination. The airplane manufacturer must be contacted before removing or installing equipment, with the exception of replacing a unit by an identical unit.

Airplane Serial No.: 40.833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	in- stalled
AVIONICS COOLING					
Cooling fan	Cyclone 21-3 Port	CRB122253	Lone Star Aviation		
Cooling fan	ACF 328	ACF 328	Sandia Aerospace		
COMMUNICATION					
COMM 1 antenna	DMC63-4A	C12580-200	DM Comant	N/A	X
COMM 2 antenna	DMC63-2		DM	N/A	X
COMM #1	KX 125	069-01028-1101	Bendix/King		
COMM #1	KX 155A	069-01032-0201	Bendix/King		
COMM #1	KX 165	069-01025-0025	Bendix/King		
COMM #1	KX 165A	069-01033-0101	Bendix/King		
COMM #1	KX 165A / 8.33 kHz	069-01033-0201	Bendix/King		
COMM #1	GNS 430	011-00280-00	Garmin		
COMM #1	GNS 430	011-00280-10	Garmin		
COMM #1	GNS 530	011-00550-00	Garmin		
COMM #1	GNS 530	011-00550-10	Garmin		
COMM #2	KX 155A	069-01032-0201	Bendix/King		
COMM #2	GNS 430	011-00280-00	Garmin		
COMM #2	GNS 430	011-00280-10	Garmin		

Airplane Serial No.: 40,833		Registration: N24SDS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	in-stalled
COMMUNICATION (continued)					
Audio Panel / Marker / ICS	KMA 28	066-01176-0101	Bendix/King		
Audio Panel / Marker / ICS	GMA 340	011-00401-10	Garmin		
ICS	PM1000 II	11922	PS Engineering		
Headset, pilot	Echelon 100		Telex		
Headset, co-pilot	Echelon 100		Telex		
Headset, LH pax	Echelon 100		Telex		
Headset, RH pax	Echelon 100		Telex		
Speaker	FRS8 /4 Ohms		Visaton		
Handmic	100TRA	62800-001	Telex	N/A N/A	X X
AUTOPILOT SYSTEM					
	KAP 140		Bendix/King		
Flight computer(w/o alt. preselect)	KC 140	065-00176-5402 (without MAM 40-099 or MSB 40-018)	Bendix/King		
Flight computer(with alt. preselect)	KC 140	065-00176-7702 (without MAM 40-099 or MSB 40-018)	Bendix/King		
Flight computer(w/o alt. preselect)	KC 140	065-00176-5403 (with MAM 40-099 or MSB 40-018)	Bendix/King		
Flight computer(with alt. preselect)	KC 140	065-00176-7703 (with MAM 40-099 or MSB 40-018)	Bendix/King		
Pitch servo	KS 270 C	065-00178-2500	Bendix/King		
Pitch servo mount	KM 275	065-00030-0000	Bendix/King		
Roll servo	KS 271 C	065-00179-0300	Bendix/King		
Roll servo mount	KM 275	065-00030-0000	Bendix/King		
Trim servo	KS 272 C	065-00180-3500	Bendix/King		
Trim servo mount	KM 277	065-00041-0000	Bendix/King		
Configuration module	KCM 100	071-00073-5000	Bendix/King		
Sonalert	SC	SC 628	Mallory		
Control stick		DA4-2213-12-90	DAI		
CWS switch		031-00514-0000	Bendix/King		
AP-Disc switch		031-00428-0000	Bendix/King		
Trim switch assy.		200-09187-0000	Bendix/King		

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Airplane Serial No.: 40.833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	Installed
ELECTRICAL POWER					
Battery	CB24-11M (G243)		Concorde (Gill)		
Battery	RG24-11M		Concorde		
Battery	RG24-15M		Concorde	NIA	X
Emergency Battery (28 pcs.)	MN 1500 AA		Duracell		
Emergency Battery (Lithium)		D41-2560-93-00	Excell		
Ammeter	VM1000	4010050	Vision Microsyst.		
Ammeter current sensor	VM1000	3010022	Vision Microsyst.		
Voltmeter	VM1000	4010050	Vision Microsyst.		
Voltage regulator		VR2000-28-1 (D)	Electrosyst., Inc.		
External power connector			DAI	NIA	X
Alternator	ALU-8521LS	ALU-8521LS	Electrosyst., Inc.	NIA	X
DC-AC Inverter	MD 26	MD 26-28	Mid Continent		
EQUIPMENT					
Safety belts, pilot		5-01-1C0701	Schroth		
Safety belts, co-pilot		5-01-1C5701	Schroth		
Safety belts, RH pax		5-01-1B0701	Schroth		
Safety belts, LH pax		5-01-1B5701	Schroth		
ELT unit		E-01	ACK	059044	X
ELT remote switch		E0105	ACK		
ELT antenna		E0109	ACK	NIA	X
ELT Unit	JE2-NG	JE-1978-1NG	Jolliet		
ELT remote switch		JE-1978-16	Jolliet		
ELT antenna		JE-1978-73	Jolliet		
Winter Baffle		DA4-2157-00-00	DAI	NIA	X
Armrest		DA4-5210-50-91	DAI		
Baggage Extension (OAM 40-163)				NIA	X
Baggage Net (OAM 40-163)				NIA	X
Baggage Tray (OAM 40-164)				NIA	X
FLIGHT CONTROLS					
Stall horn		DAI-9031-00-00	DAI	NIA	X
Flaps control unit (inst. panel)	430550		DAI	NIA	X
Flaps actuator assy	430555		DAI	NIA	X
SAFETY EQUIPMENT					
Fire extinguisher, portable		HAL1	AIR Total		
Fire extinguisher, portable ¹⁾		A 620 T	Amerex	NIA	X
First aid kit					

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Airplane Serial No.: 40.833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	Installed
FUEL					
Fuel qty indicator	VM1000	4010028	Vision Microsyst.		
Fuel qty sensor LH	VM1000	30100-11	Vision Microsyst.		
Fuel qty sensor RH	VM1000	30100-11	Vision Microsyst.		
Fuel qty. sensor LH (auxiliary fuel)	VM1000	30100-50	Vision Microsyst.		
Fuel qty. sensor RH (auxiliary fuel)	VM1000	30100-50	Vision Microsyst.		
HYDRAULIC					
Master cylinder		10-54	Cleveland	N/A	X
Parking valve		60-5B	Cleveland	N/A	X
Brake assembly		30-239	Cleveland	N/A	X
INDICATING / REC. SYSTEMS					
Digital chronometer	LC-2	AT420100	AstroTech		
Digital chronometer	Model 803	none	Davtron		
Flight timer		85000-12	Hobbs	N/A	X
Flight timer		85094-12	Hobbs		
Annunciator panel (system)			DAI		
Annunciator panel	WW-IDC 001		White Wire		
LANDING GEAR					
MLG Wheel Fairing Inst.		DA4-3215-00-00	DAI		
MLG Speed Kit LH		DA4-3219-01-00	DAI		
MLG Speed Kit RH		DA4-3219-02-00	DAI		
NLG Wheel Fairing Inst.		DA4-3225-00-00	DAI		
NLG Speed Kit		DA4-3229-00-00	DAI		
NLG Strut Fairing Inst.		DA4-3227-00-00	DAI		
NLG tie-down		DA4-1001-00-00	DAI		
LIGHTS					
Map/Reading light assy crew		W1461.0.010	Rivoret	N/A	X
Cabin light		W1461.0.010	Rivoret	N/A	X
Instr./Radio lights dimmer assy		WW-LCM-002	White Wire		
Glareshield lamp assy		DA4-3311-10-01	DAI	N/A	X
Glareshield light inverter		APVL328-8-3-L-18QF	Quantaflux	N/A	X
Strobe/Pos. light assy LH	A600-PR-D-28	01-0790006-05	Whelen	N/A	X
Strobe/Pos. light assy RH	A600-PG-D-28	01-0790006-07	Whelen	N/A	X
Strobe light power supply LH/RH	A490ATS-CF-14/28	01-0770062-05	Whelen	N/A	X
Taxi light	70346	01-0770346-05	Whelen		
Landing light	70346	01-0770346-03	Whelen		
Electroluminescent lamps	Quantaflux 1600		Quantaflux	N/A	X

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Temporary Revision
CO Monitor

Affected Chapters:

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following items must be added to the Equipment List:

Airplane Serial No.: 40,833		Registration: N24SDS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	in-stalled
INDICATING / REC. SYSTEMS					
CO detector	Model 452-201		CO Guardian LLC	N/A	X

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Airplane Serial No.: **40.833** Registration: **N245DS** Date: **July 26, 2007**

Description	Type	Part No.	Manufacturer	S/N	in- stalled
NAVIGATION					
Pitot/Static probe, heated		DAI-9034-57-00	DAI	N/A	X
P/S probe HTR fail sensor		DA4-3031-01-00	DAI	N/A	X
Altimeter inHg/mbar, primary		5934PD-3	United In.		
Altimeter inHg/mbar, primary	LUN 1128	1128-14B6	Mikrotechna		
Altimeter inHg/mbar, secondary		5934PD-3	United In.	462191	X
Altimeter inHg/mbar, secondary	LUN 1128	1128-14B6	Mikrotechna		
Vertical speed indicator		7000	United In.		
Vertical speed indicator	LUN 1144	1144-A4B4	Mikrotechna		
Airspeed indicator		8025	United In.	196589	X
Airspeed indicator	LUN 1116	1116-B4B3	Mikrotechna		
Outside air temp. indic.		301F (C)	Davtron		
Magnetic compass		C2400L4P	Airpath		
Compass system C/O	KCS 55A		Bendix/King		
Slaved gyro	KG 102 A	060-00015-0000	Bendix/King		
HSI	KI 525A	066-03046-0007	Bendix/King		
Slaving unit (vertical)	KA 51B	071-01242-0001	Bendix/King		
Slaving unit (horizontal)	KA 51B	071-01242-06	Bendix/King		
Flux valve	KMT 112	071-01052-0000	Bendix/King		
Dir. gyro, free	AIM2051BLD	505-0031-931	BF-Goodrich		
Attitude indicator	AIM1100-28L(0F)	504-0111-936	BF-Goodrich		
Attitude indicator	AIM1100-28LK(0F)	504-0111-938	BF-Goodrich		
Attitude indicator	AIM1100-28LK(2F)	504-0111-941	BF-Goodrich		
Turn coordinator w/o AP pickup	1394T100-(3Z)		Mid Continent Instr.		
Turn coordinator	1394T100-(12RZ)		Mid Continent Instr.		
Turn coordinator	1394T100-(12RA)		Mid Continent Instr.		
Marker antenna	CI102		Comant	173398	X
DME	KN 62A	066-01068-0004	Bendix/King		
DME antenna	KA60	071-01174-0000	Bendix/King		
DME antenna	KA60	071-01591-0001	Bendix/King		
DME antenna	KA61	071-00221-0010	Bendix/King		
Transponder	KT 76A	066-1062-10	Bendix/King		
Transponder	KT 76C	066-01156-0101	Bendix/King		
Transponder	GTX 327	011-00490-00	Garmin		
Transponder	GTX 330	011-00455-00	Garmin		
XPDR antenna	KA60	071-01174-0000	Bendix/King		
XPDR antenna	KA60	071-01591-0001	Bendix/King		
XPDR antenna	KA61	071-00221-0010	Bendix/King		
Altitude digitizer		D120-P2-T	TCI		
Altitude Data System	SAE5-35	305154-00	Sandia Aerospace		

Airplane Serial No.: 40,833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	in- stalled
NAVIGATION (continued)					
ADF	KR87	066-01072-0004	Bendix/King		
ADF antenna	KA44B	071-01234-0000	Bendix/King		
ADF indicator	KI227	066-03063-0001	Bendix/King		
ADF indicator	KI227	066-03063-00	Bendix/King		
NAV antenna coupler	CI505		Comant		
NAV/GS antenna coupler	CI507		Comant		
dual NAV/dual GS antenna coupler	CI 1125		Comant		
VOR/LOC/GS antenna		CI157P	Comant		
NAV/COM #1	KX125	069-01028-1101	Bendix/King		
NAV/COM #1 volt conv.	KA39	071-01041-0001	Bendix/King		
NAV/COM #1	KX155A	069-01032-0201	Bendix/King		
NAV/COM #1	KX 165	069-01025-0025	Bendix/King		
NAV/COM #1	KX165A	069-01033-0101	Bendix/King		
NAV/COM #1	KX165A, 8.33 kHz	069-01033-0201	Bendix/King		
NAV/COM #2	KX155A	069-01032-0201	Bendix/King		
NAV/COM/GPS #1	GNS 430	011-00280-00	Garmin		
NAV/COM/GPS #1	GNS 430	011-00280-10	Garmin		
NAV/COM/GPS #1	GNS 530	011-00550-00	Garmin		
NAV/COM/GPS #1	GNS 530	011-00550-10	Garmin		
NAV/COM/GPS #2	GNS 430	011-00280-00	Garmin		
NAV/COM/GPS #2	GNS 430	011-00280-10	Garmin		
CDI, VOR/LOC #1	KI 208	066-03056-0000	Bendix/King		
CDI, VOR/LOC #2	KI 208	066-03056-0000	Bendix/King		
CDI, VOR/LOC/GS #1	GI 106A	013-00049-01	Garmin		
CDI, VOR/LOC/GS #2	GI 106A	013-00049-01	Garmin		
GPS	KLN 89B	066-01148-0102	Bendix/King		
GPS	KLN 94	069-01034-0101	Bendix/King		
GPS antenna	KA 92	071-01553-0200	Bendix/King		
GPS antenna #1	GA 56	011-00134-00	Garmin	N/A	X
GPS antenna #2	GA 56	011-00134-00	Garmin	N/A	X
GPS annunciator unit	MD41-1488		Mid Continent		
GPS/AP switch assy	MD41-528		Mid Continent		
Multifunction Display / GPS	KMD 150	066-01174-0101	Bendix/King		
Stormscope	WX-500	805-11500-001	Goodrich		
Stormscope Antenna	NY-163	805-10930-001	Goodrich		
Strike Finder Display	SF 2000	2000-009	Insight		
Strike Finder Sensor	SF 2000	2000-022	Insight		

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Airplane Serial No.: 40,833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.	Manufacturer	S/N	In- stalled
PROPELLER SYSTEM					
Propeller	MTV-12-B/180-17		mt-Propeller		
Propeller	MTV-12-B/180-17f		mt-Propeller		
Propeller Governor	C-210776		Woodward		
Propeller Governor	MT-P420-10	P-420-010	mt-Propeller		
AIRPLANE FLIGHT MANUAL		Doc. No 6.01.01(-E)	DAI	N/A	X

- 1) The Amerex A 620 T fire extinguisher is UL approved and can be used in airplanes registered in Canada and the USA. For airplanes registered in other countries, refer to the national airworthiness authority.

Place: CYXU

Date: July 26, 2007

Signature: 

DA
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MT P-860-23 Governor

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following item is added to the Equipment List:

Airplane Serial No.: 40.833		Registration: N245DS		Date: July 26, 2007	
Description	Type	Part No.:	Manufacturer	S/N	in- stalled
GOVERNOR					
Propeller Governor	MT P-860-23	P-860-23	mt-Propeller	N/A	X

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28-Mar-2007

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