



WEIGHING REPORT

Model: DA 62

Serial Number: 62.C102

Registration N286LA

Data with reference to the Type Certificate Data Sheet and the Airplane Flight Manual.

Reference Plane: Vertical plane 2196mm (86.46in) in front of the leading edge of wing at the root rib.

Horizontal reference line: Front baggage compartment floor, right side.

Equipment Inventory dated: April 30, 2025

Cause for Weighing: ORIGINAL

Weight and Balance Calculations (Weighing at the wheels)

Weight Condition: Include brake fluid, hydraulic fluid, coolant, engine oil and unusable fuel (7.57 liters / 2 US gal.)

Support	Gross		Tare		Net	
MAIN G1LH	662.70	kg	0	kg	662.70	kg
MAIN G1RH	665.65	kg	0	kg	665.65	kg
NOSE G2	367.41	kg	0	kg	367.41	kg
Empty Weight					1695.76	kg

Lever Arm		
X1LH =	2826	mm
X1RH =	2828	mm
X2 =	873	mm

Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$	G = 1695.76 kg
Weight including required equipment for operation must be between: 1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed. 1492 kg and 1730 kg if MAM 62-001 is installed.	
Calculate the Empty Weight Moment: $M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$	M = 4075.983758 kg-m
Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$	XCG = 2.40 m
Maximum Take Off Weight	1999 kg
MTOW	2300 kg
Maximum useful load = MTOW - G	604.24 kg

Support	Gross		Tare		Net	
MAIN G1LH	1461.00	lbs	0	lbs	1461.00	lbs
MAIN G1RH	1467.50	lbs	0	lbs	1467.50	lbs
NOSE G2	810.00	lbs	0	lbs	810.00	lbs
Empty Weight					3738.50	lbs

Lever Arm		
X1LH =	111.26	in
X1RH =	111.34	in
X2 =	34.37	in

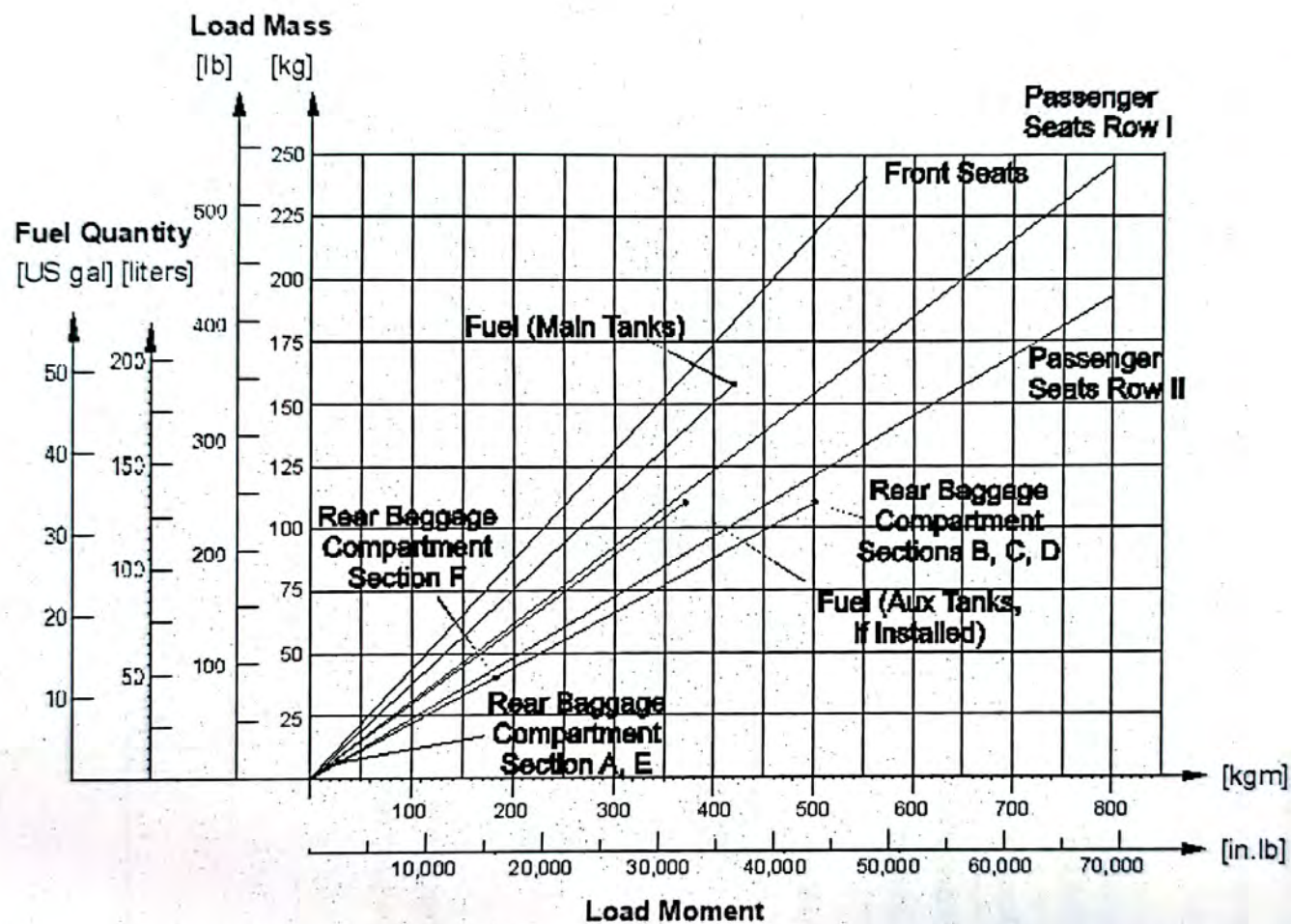
Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$	G = 3738.50 lbs
Weight including required equipment for operation must be between: 1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed. 1492 kg and 1730 kg if MAM 62-001 is installed.	
Calculate the Empty Weight Moment: $M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$	M = 353779.76 in-lbs
Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$	XCG = 94.63 in
Maximum Take Off Weight	4407 lbs
MTOW	5071 lbs
Maximum useful load = MTOW - G	1332.50 lbs

Record the Empty Weight (G) and the Empty-Weight Moment (M) in the Airplane Flight Manual.

Place / Date	DAIC - CYXU April 30, 2025	Authorizing Stamp	Authorizing Signature
		DA Q 81	

MASS AND BALANCE REPORT

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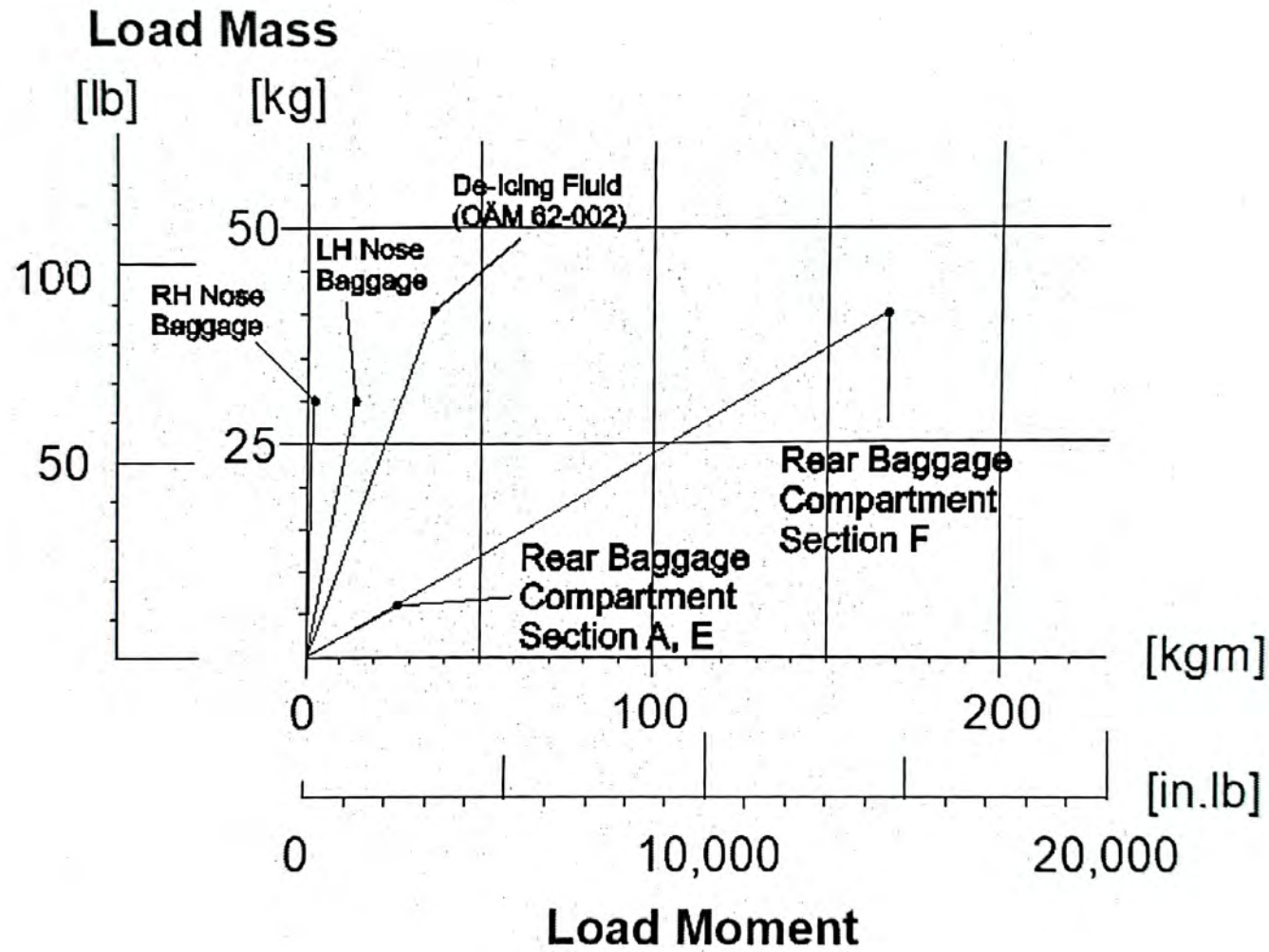


6.4.2 LOADING DIAGRAMS

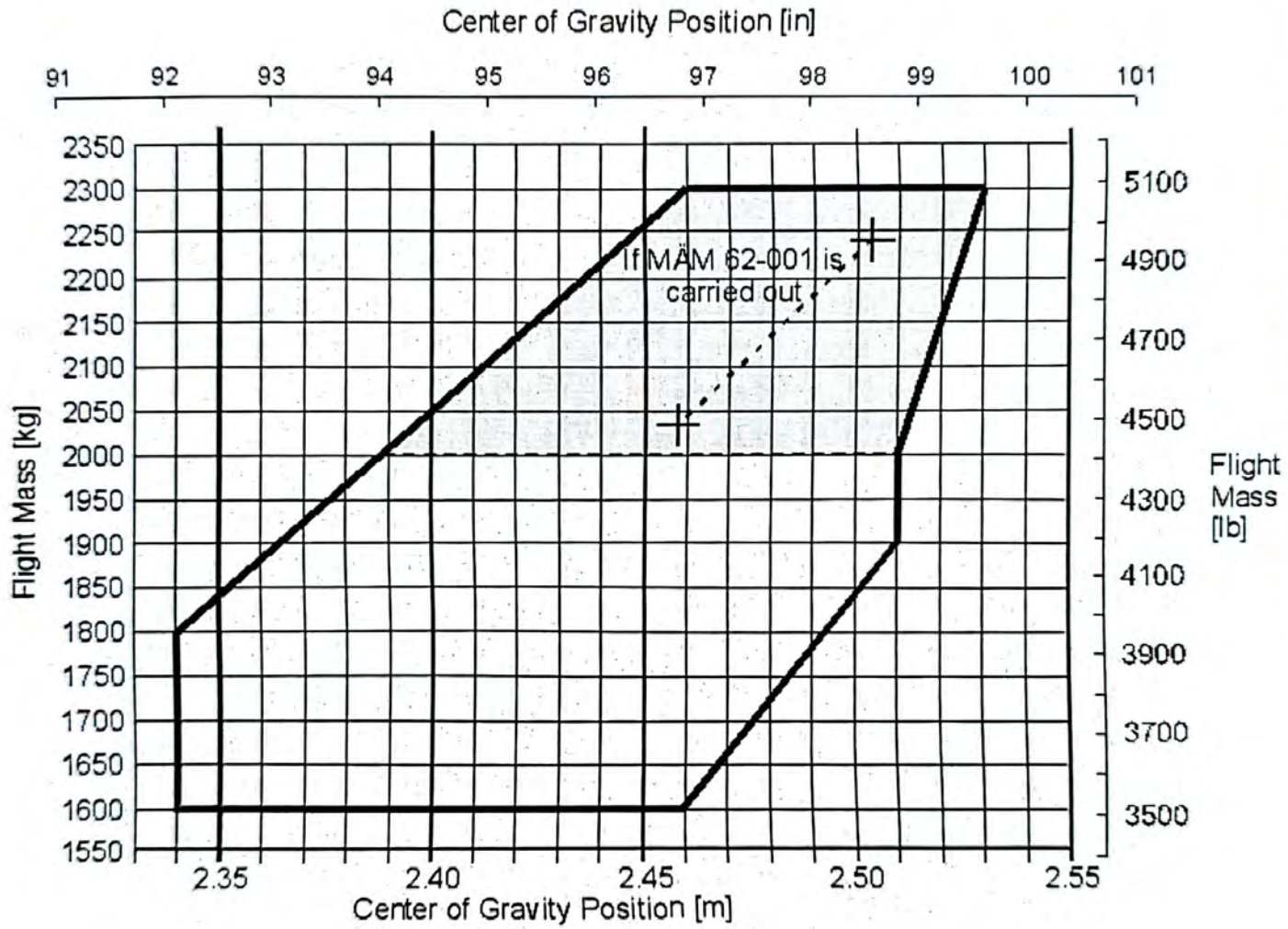
Mass and Balance

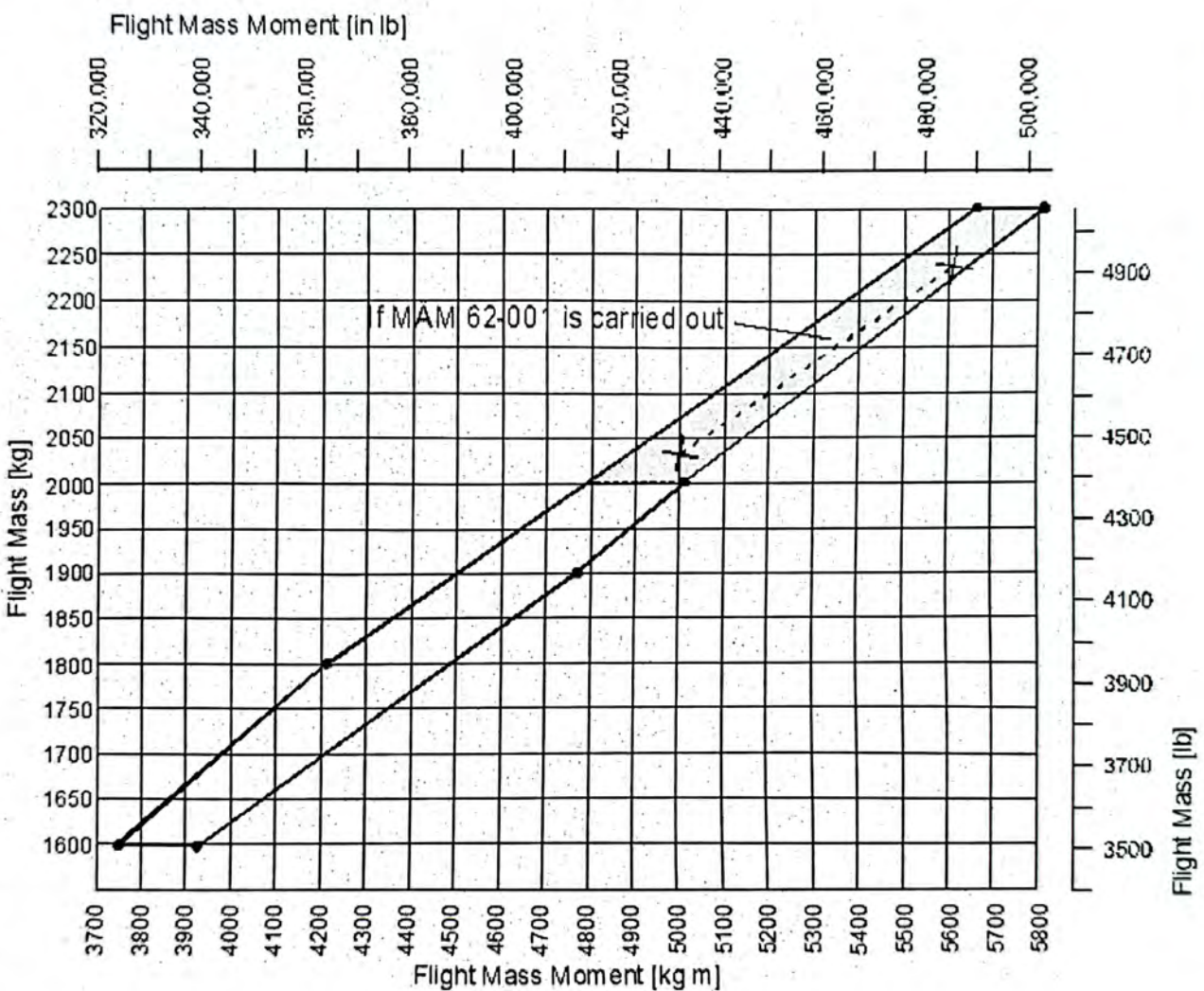
Diamond
AIRCRAFT

DA 62 AFM



6.4.4 PERMISSIBLE CENTER OF GRAVITY RANGE



6.4.5 PERMISSIBLE MOMENT RANGE

The flight mass moments shown in the diagram are those from the example in Table 6.4.3
- CALCULATION OF LOADING CONDITION, rows 11 and 14.

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>April 30, 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
AVIONICS COOLING									
Avionics cooling fan #1	SAFE 328	305 467-00	Sandia Aerospace		X				
Avionics cooling fan #2	SAFE 328	305 467-00	Sandia Aerospace		X				
PFD cooling fan	SAFE 128	305 468-00	Sandia Aerospace		X				
MFD cooling fan	SAFE 128	305 468-00	Sandia Aerospace		X				
AUTOPILOT SYSTEM									
Pitch servo	GSA 81	011-00878-20	Garmin		X				
Pitch servo mount	GSM 86	011-01904-03	Garmin		X				
Pitch clutch cartridge		011-02147-11	Garmin		X				
Roll servo	GSA 81	011-00878-20	Garmin		X				
Roll servo mount	GSM 86	011-01904-03	Garmin		X				
Roll clutch cartridge		011-02147-09	Garmin		X				
Pitch trim servo	GSA 81	011-00878-20	Garmin		X				
Pitch trim servo mount	GSM 86	011-01904-03	Garmin		X				
Pitch trim clutch cartridge		011-02147-09	Garmin		X				
Yaw servo	GSA 80	011-00877-20	Garmin		X				
Yaw servo mount	GSM 86	011-01904-03	Garmin		X				
Yaw clutch cartridge		011-02147-03	Garmin		X				

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N1286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
ELECTRICAL POWER									
Main battery	RG24-15		Concorde		X				
Emergency battery		D60-2560-91-00	Diamond Aircraft						
ECU backup battery LH (2 pcs.)	LC-R127R2P		Panasonic						
ECU backup battery RH (2 pcs.)	LC-R127R2P		Panasonic						
Additional Alternator		ES-10024B-2	Kelly Aerospace		X				
Alternator Pulley		D64-2416-00-761	Diamond Aircraft		X				
Gear Box Fan Assy		D44-2416-20-00	Diamond Aircraft		X				
Prop. Flange Pulley Support		D44-2416-00-52_1	Diamond Aircraft		X				
Additional Alternator V-belt		ISO 4184 XPZL987	Diamond Aircraft		X				
Additional Alternator Regulator		VR2000_28-1	Electrosystems Inc.		X				
OXYGEN SYSTEM									
Oxygen cylinder (empty) incl. pressure regulator		4110-122-3-11	Aerox		X	13.76	6.24	31.9	0.81
Oxygen cylinder 50 cuft (empty) incl. pressure regulator		4110-136-02-5	Aerox			8.60	3.90	27.8	0.70
Single outlet manifold, Pax row I		4110-401-2-01	Aerox		X	0.22	0.10	111.0	2.82
Double outlet manifold, Pilot / copilot		4110-400-2	Aerox		X	0.42	0.19	103.9	2.64
Double outlet manifold, Pax Row I		4110-400-2	Aerox		X	0.42	0.19	111.0	2.82
Double outlet manifold, Pax Row II		4110-400-2	Aerox		X	0.42	0.19	153.5	3.90
Filling block		4110-405-2	Aerox		X	0.46	0.21	16.5	0.42
Pressure gauge		4110-486	Aerox		X	0.11	0.05	66.9	1.70
Push / pull control knob		4110-495	Aerox		X	0.27	0.12	66.1	1.68

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6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>Apr. 30. 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
SAFETY EQUIPMENT									
Fire extinguisher, portable		337TS	Amerex		X	3.17	1.44	108.7	2.760

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2015</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
CABIN COOLING SYSTEM									
Cabin cooling central unit		D44-2153-00-00	Diamond Aircraft		X	47.8	21.7	194.9	4.95
EQUIPMENT									
Safety belt, pilot	5-01-() Series	5-01-2Y07()	Schroth		X	2.110	0.960	92.520	2.350
Safety belt, co-pilot	5-01-() Series	5-01-2Y57()	Schroth		X	2.110	0.960	92.520	2.350
Safety belt, LH pax row I	5-02-() Series	5-02-BJ57()	Schroth		X	2.250	1.020	126.800	3.220
Safety belt, RH pax row I	5-02-() Series	5-02-BK57()	Schroth		X	2.250	1.020	126.800	3.220
Safety belt, Center pax row I	5-02-() Series	5-02-BL57()	Schroth		X	2.250	1.020	126.800	3.220
Safety belt, LH pax row II	5-02-() Series	5-02-BP57()	Schroth		X	2.250	1.020	126.800	3.220
Safety belt, RH pax row II	5-02-() Series	5-02-BP07()	Schroth		X	2.250	1.020	126.800	3.220
ELT unit	406 AF-Compact	S1840501-01	Kannad			1.874	0.874	179.700	4.565
ELT remote switch	RC 200	S1820513-11	Kannad		X				
ELT antenna	ANT300	0124220	Kannad			0.330	0.150	152.800	3.880
ELT antenna	AV-300	0146151	Kannad		X				
SAFETY EQUIPMENT									
Fire extinguisher		HAL 1	AIR TOTAL						
Fire extinguisher		HAL 1,2	AIR TOTAL						
First aid kit					X				
Egress Hammer		D67-2560-80-50	Diamond		X				
Belt Cutter		D67-9025-60-01	Woodway / Dhelen		X				
FLIGHT CONTROLS									
Lift detector		C-99701-1	Safe Flight Instr.		X				

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
HYDRAULIC									
Motor pump unit		X11-0001-00-00.00/A	Hydraulik Mayer		X				
Hydraulic fluid tank		X11-0002-00-00.00	Hydraulik Mayer		X				
Hydraulic control unit		X11-0003-00-00.00/A	Hydraulik Mayer		X				
High pressure filter		X11-0004-00-00.00	Hydraulik Mayer		X				
Hydraulic pressure accumulator		X11-0005-00-00.00	Hydraulik Mayer		X				
MLG hydraulic cylinder, LH		X11-0006-00-00.00/1R0	Hydraulik Mayer		X				
MLG hydraulic cylinder, RH		X11-0006-00-00.00/1R0	Hydraulik Mayer		X				
NLG hydraulic cylinder		X11-0006-00-00.00/3	Hydraulik Mayer		X				
Brake master cylinder (4 pcs.)		10-54A	Cleveland						
Parking valve		60-5D	Cleveland		X				
Brake assembly		30-233 E	Cleveland						
INDICATING / REC. SYSTEM									
Primary flight display (PFD)	GDU 1040	011-00972-03	Garmin						
Multi function display (MFD)	GDU 1045	011-00819-04	Garmin						
Primary flight display (PFD)	GDU 1040	011-00972-10	Garmin						
Multi function display (MFD)	GDU 1045	011-00819-10	Garmin						
Primary flight display (PFD)	GDU 1050	011-03470-00	Garmin		X				
Multi function display (MFD)	GDU 1055	011-03470-80	Garmin		X				
Control unit	GCU 476	011-01237-10	Garmin		X				
Control unit	GCU 476	011-04476-00	Garmin						

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6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
COMMUNICATION/NAVIGATION									
Audio panel/Maker/ICS	GMA 1360	011-03568-00	Garmin	/	X	1,860	0.840		
Integrated avionics #1	GIA 64W	011-03711-00	Garmin			5,400	2,450		
Integrated avionics #2	GIA 64W	011-03711-00	Garmin			5,400	2,450		
Transponder	GTX 345R		Garmin	/	X				
GPS #1 antenna	GA 37	013-00245-00	Garmin	/	X				
Data link processor	GDL 69A SXM	011-03177-10	Garmin						

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR. 30. 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
LANDING GEAR									
Main landing gear LH		D67-3211-01-00	Diamond Aircraft		X				
Main landing gear RH		D64-3212-01-00	Diamond Aircraft		X				
Nose landing gear assy		D67-3220-01-00_01	Diamond Aircraft		X				
Nose landing gear assy		D67-3220-01-00_02	Diamond Aircraft						
LIGHTS									
Area Dome light		CL 13 625-1	Birk Aerosystems		X				
Strobe / Pos. light assy LH		D67-5731-29-01	Birk Aerosystems		X				
Strobe / Pos. light assy RH		D67-5732-29-01	Birk Aerosystems		X				
Map / Reading lights (4 pcs.)		RL6961-1	Birk Aerosystems		X				
Cabin Light		RL6980-1	Birk Aerosystems		X				
Taxi light	Xenon D1S		Aero Vision Int.		X				
Taxi light power supply		XV4D-35	XeVision		X				
Landing light	Xenon D1S		Aero Vision Int.		X				
Landing light power supply		XV4D-35	XeVision		X				
Glareshield lamp assy		DA4-3311-10-02	Diamond Aircraft		X				
Glareshield light inverter		APVL328-4-1-L-5QF	Quantaflux		X				
Placards inverter		APVL328-4-1-L-15QF	Quantaflux		X				
Flood light LH		D67-3311-10-01	Diamond Aircraft		X				
Flood light RH		D67-3311-10-02	Diamond Aircraft		X				
Map / Reading Light		RL6980-1	Birk Aerosystems		X				

Airplane Serial No.: 62.C102		Registration: N286LA		Date: APR. 30. 2025		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
COMMUNICATION / NAVIGATION									
COMM #1 antenna	CI 2580-200		Comant						
COMM #2 antenna	CI 292-2		Comant		X				
Audio panel / Marker / ICS	GMA 1347	011-00809-00	Garmin						
Handmic	100 TRA	62800-001	Telex		X				
Pitot / Static probe, heated	AN5814-2	PST-305	Aeroinstruments		X				
Static port electrically heated LH/RH		ST-333-1	Aerosonic		X				
Alternate static valve		DA4-3111-51-00	Diamond Aircraft		X				
Backup altimeter		5934PD-3	United Instruments						
Backup airspeed indicator	8030	8030-B.	United Instruments						
Backup artificial horizon	4300	4300-206	Mid Continent Instr.						
Standby Attitude Module	MD302	6420302-1	Mid Continent Instr		X				
Magnetic compass		PG2C-28V	SIRS Navigation						
Magnetic compass		NV2C-28V	SIRS Navigation		X				
OAT probe	GTP 59	011-00978-00	Garmin						
Digital air data system	GDC74A	011-00882-00	Garmin						
Digital air data system	GDC 74A	011-00882-10	Garmin						
Digital air data system	GDC 72	011-03734-00	Garmin						
Integrated avionics #1	GIA 63 W	011-01105-20	Garmin						
Integrated avionics #2	GIA 63 W	011-01105-20	Garmin						
Integrated avionics #1	GIA 63W	011-01105-01	Garmin						
Integrated avionics #2	GIA 63W	011-01105-01	Garmin						
Transponder	GTX 33 ES	011-00779-30	Garmin						
Transponder	GTX 335 R	011-03301-00	Garmin						
Attitude / Heading reference system GRS 77	GRS 77	011-00868-10	Garmin						
Attitude / Heading reference system	GRS 79	011-03732-00	Garmin		X				
TAS processor	TAS 600	70-2420-x TAS600	Avidyne						

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6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

Airplane Serial No.: <i>62-C102</i>		Registration: <i>N268LA</i>		Date: <i>APR. 30. 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
NAVIGATION									
TAS processor	TAS600A	700-00185-000	Avidyne						
TAS processor	TAS605A	700-00185-001	Avidyne						
TAS processor	TAS615A	700-00185-003	Avidyne						
TAS processor	TAS620A	700-00185-004	Avidyne						

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following changes are made to the existing table:

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
COMMUNICATION / NAVIGATION									
Weather radar	GWX 70 processor	011-01768-00	Garmin						
Weather radar	GWX processor	011-03997-00	Garmin						

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following amendments are made to the existing table:

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
ENGINE									
LH Engine	E4P-C	E4PC-00-000-000	Austro Engine						
LH Engine	E4P-C	E4PC-00-000-AHY	Austro Engine						
RH Engine	E4P-C	E4PC-00-000-000	Austro Engine						
RH Engine	E4P-C	E4PC-00-000-AHY	Austro Engine						

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Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
ENGINE									
LH Engine	E4	E4PC-00-000-000	Austro Engine						
LH Engine	E4	E4PC-00-000-AHY	Austro Engine						
LH Engine	E4	E4PC-00-000-BHY	Austro Engine		X				
RH Engine	E4	E4PC-00-000-000	Austro Engine						
RH Engine	E4	E4PC-00-000-AHY	Austro Engine						
RH Engine	E4	E4PC-00-000-BHY	Austro Engine		X				

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Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
COMMUNICATION/NAVIGATION									
Transponder antenna	CI 105-16		Comant			0.200	0.091		
DME antenna	CI 105-16		Comant			0.200	0.091		

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>AK-30-2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
TAS processor	TAS 605	70-2420-x TAS605	Avidyne						
TAS processor	TAS 610	70-2420-x TAS610	Avidyne						
TAS processor	TAS 615	70-2420-x TAS615	Avidyne						
TAS processor	TAS 620	70-2420-x TAS620	Avidyne						
TAS processor	9900BX	70-2420-x	Avidyne						
Transponder coupler		70-2040	Avidyne						
TAS antenna, top		S72-1750-31L	Sensor Systems						
TAS antenna, bottom		S72-1750-32L	Sensor Systems						
Magnetometer	GMU 44	011-00870-00	Garmin						
Magnetometer	GMU 44	011-00870-10	Garmin						
Dual VOR / dual GS duplexer	CI 1125		Comant		X				
LH: VOR / LOC / GS antenna	CI120-1		Comant		X				
RH: VOR / LOC / GS antenna	CI120-1		Comant		X				
VOR / LOC / GS PWR combiner	CI120-3		Comant		X				
Transponder antenna	KA 61	071-00221-0010	Bendix/King		X				
Marker antenna	CI 102		Comant		X				
GPS #1 antenna	GA 36	013-00244-00	Garmin						
GPS #2 antenna	CI 2580-200		Comant						
DME	KN 63	066-1070-01	Bendix/King						
DME antenna	KA 61	071-00221-0010	Bendix/King						
Weather radar	GWX 70	011-01768-00	Garmin						
Weather radar antenna		117-00254-00	Garmin						
Stormscope	WX-500	805-11500-001	L-3 Communications						
Stormscope antenna	NY-163	805-10930-001	L-3 Communications						
Satellite Transceiver	GSR 56	011-02268-00	Garmin		X				
Iridium Antenna	CI 490-1		Comant		X				
Iridium Antenna	CI 490-490		Comant		X				

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR. 30-2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	In	m
ADF receiver	RA 3502-(01)	0505.757-912	Becker						
ADF / RMI converter	AC 3504-(01)	0856.010-912	Becker						
ADF antenna	AN 3500	0832.601-912	Becker						
EMI filter LH		D64-3454-10-00	Diamond Aircraft		X				
EMI filter RH		D64-3454-10-00	Diamond Aircraft		X				
ICE PROTECTION SYSTEM									
Porous Panel, outer wing, LH, outboard		15502-01	CAV Aerospace		X				
Porous Panel, outer wing, RH, outboard		15502-02	CAV Aerospace		X				
Porous Panel, outer wing, LH, inboard		15502-03	CAV Aerospace		X				
Porous Panel, outer wing, RH, inboard		15502-04	CAV Aerospace		X				
Porous Panel, horizontal tail, LH		15502-09	CAV Aerospace		X				
Porous Panel, horizontal tail, RH		15502-10	CAV Aerospace		X				
Porous Panel, vertical tail		15502-11	CAV Aerospace		X				
Inlet strainer		D67-9030-03-01_01	FTEU		X				
Spray bar		12124-10	CAV Aerospace						
Metering pump 1		9513T-1	CAV Aerospace		X	4.16	1.89	41.5	1.05
Metering pump 2		9513U-1	CAV Aerospace		X	4.16	1.89	35.7	0.91
De-icing fluid tank		D67-3003-13-01	Diamond Aircraft		X	7.72	3.50	37.4	0.95
Fluid filter		F932	Diamond Aircraft		X	1.83	0.83	45.3	1.15
Solenoid valve		FV158H-28V	CAV Aerospace		X	0.86	0.39	30.7	0.87
High pressure switch		P041ED 1500	CAV Aerospace		X				
Proportioning unit, nacelle, LH		PU303DW225	CAV Aerospace		X				
Proportioning unit, nacelle, RH		PU303DW226	CAV Aerospace		X				
Tail bracket assembly		15532-01	CAV Aerospace		X	1.37	0.62	292.8	7.44
Windshield pump		WP209A	CAV Aerospace		X	0.66	0.30	34.80	0.89
De-ice control box		DAI-9030-00-01	Diamond Aircraft		X				

DA 62 AFM



Temporary Revision
Garmin G1000 NXi Phase II

Airplane Serial No.: <i>62-C102</i>		Registration: <i>N286LA</i>		Date: <i>APR 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	Installed	lb	kg	in	m
ENGINE									
ENGINE INDICATING									
Engine/Airframe unit	GEA 71B	011-03682-00	Garmin		X	1.800	0.820		

Airplane Serial No.: <i>62.C102</i>		Registration: <i>N286LA</i>		Date: <i>APR. 30 2025</i>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
ENGINE									
LH engine	E4P-C	E4PC-00-000-000	Austro Engine						
RH engine	E4P-C	E4PC-00-000-000	Austro Engine						
LH engine control unit	EECU-E4-01	E4A-92-100-000	Austro Engine		X				
RH engine control unit	EECU-E4-01	E4A-92-100-000	Austro Engine		X				
ECU software		Refer to DAI Service Bulletin MSB-62-002, latest revision	Austro Engine		X				
ENGINE STARTING									
Glow plug control unit LH/RH		E4A-94-200-000	Austro Engine		X				
Starter LH / RH		E4A-93-000-000	Austro Engine		X				
ELECTRICAL POWER									
LH alternator		E4A-91-400-000	Austro Engine		X				
RH alternator		E4A-91-400-000	Austro Engine		X				
LH alternator regulator		E4A-91-200-000	Austro Engine		X				
RH alternator regulator		E4A-91-200-000	Austro Engine		X				
ENGINE FUEL PUMPS									
LH fuel pumps (2x)		0-580-054-001	Bosch		X				
RH fuel pumps (2x)		0-580-054-001	Bosch		X				
ENGINE FIRE WARNING									
LH overheat detector		X 2003-2	Control Products, Inc.						
RH overheat detector		X 2003-2	Control Products, Inc.						
LH overheat detector		X 2003-506	Control Products, Inc.		X				
RH overheat detector		X 2003-506	Control Products, Inc.		X				
ENGINE INDICATING									
Engine / Airframe unit	GEA 71	011-00831-00	Garmin						

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Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
ENGINE EXHAUST									
LH Exhaust pipe with muffler		D67-7806-01-00	Diamond Aircraft		X				
RH Exhaust pipe with muffler		D67-7806-01-00	Diamond Aircraft		X				
PROPELLER									
Propeller LH	MTV-6-R-C-F/CF194-80		mt-propeller		X				
Propeller RH	MTV-6-R-C-F/CF194-80		mt-propeller		X				
Unfeathering accumulator LH		X11-0007-00-00	Hydraulik Mayer						
Unfeathering accumulator RH		X11-0007-00-00	Hydraulik Mayer						
Unfeathering accumulator LH		P-893-3	mt-propeller		X				
Unfeathering accumulator RH		P-893-3	mt-propeller		X				
Governor LH		P-877-16	mt-propeller		X				
Governor RH		P-877-16	mt-propeller		X				
FUEL TANK SYSTEM									
Fuel probe assy., LH inboard		D60-2817-13-00_1	Diamond Aircraft		X				
Fuel probe assy., RH inboard		D60-2817-13-00_1	Diamond Aircraft		X				
Fuel probe assy., LH outboard		D60-2817-14-00_1	Diamond Aircraft		X				
Fuel probe assy., RH outboard		D60-2817-14-00_1	Diamond Aircraft		X				
Alternate means for fuel qty.		D60-2817-90-00	Diamond Aircraft						
Alternate means for fuel qty. II		D60-2817-90-00_01	Diamond Aircraft		X				
AUX FUEL SYSTEM									
LH auxiliary fuel pump		PX375-TC-28V-G2	Adair		X				
RH auxiliary fuel pump		PX375-TC-28V-G2	Adair		X				

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Airplane Serial No.: <u>62.C102</u>		Registration: <u>N286LA</u>		Date: <u>APR 30, 2025</u>		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	installed	lb	kg	in	m
LH fuel inline filter		FX375-MK	Adair		X				
RH fuel inline filter		FX375-MK	Adair		X				
LH solenoid valve		VE 131,4 GV	Parker		X				
RH solenoid valve		VE 131,4 GV	Parker		X				
Aux tank fuel probe		D67-2814-70-00	Diamond Aircraft		X				
AIRPLANE FLIGHT MANUAL		Doc. No. 11.01.05-E	Diamond Aircraft		X				

Place: CYXUDate: April 30, 2025Signature: 
