

Load analysis Europa HB-YKI

1. Main Bus Loads (A)

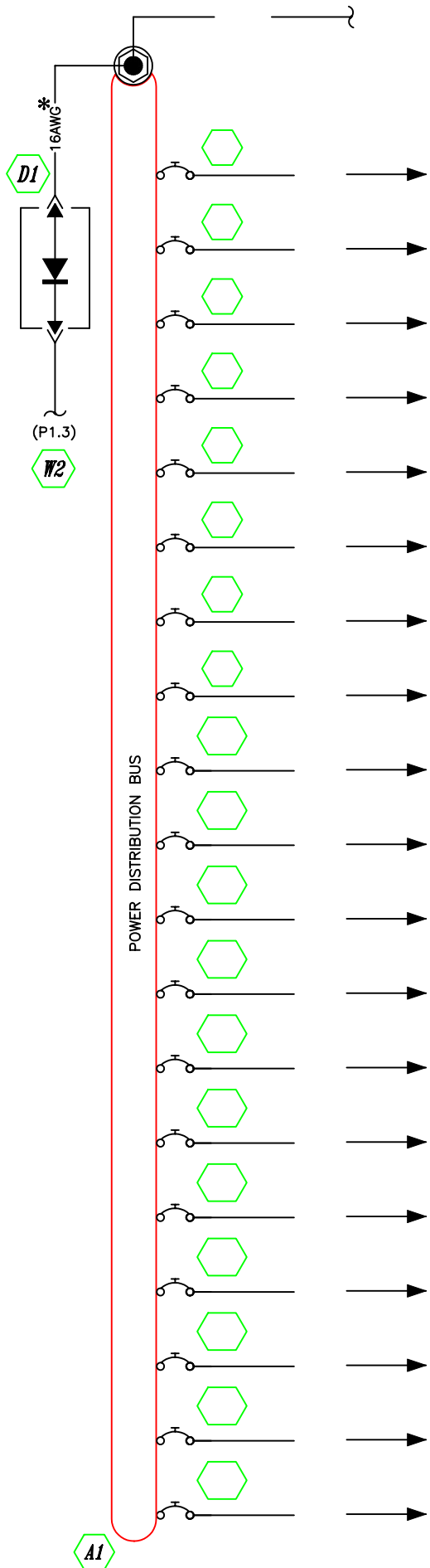
	Preflight	Taxi	Climb	Cruise	Descent	Taxi	Alt out
Battery Contactor	1.0	1.0	1.0	1.0	1.0	1.0	
Fuel Pump			1.0		1.0		
Attitude Indicator		2.0	2.0	2.0	2.0	2.0	
AOA-Indicator Rite-Angle		0.4	0.4	0.4	0.4	0.4	
Wing Leveler Navaid			3.6	3.6	3.6		
Smart Coupler II		0.05	0.05	0.05	0.05	0.05	
Intercom Flightcom 403d	0.16	0.16	0.16	0.16	0.16	0.16	
Strobe Lights Whelen HDS		4.0	4.0	4.0	4.0	4.0	
Position Lights Whelen		7.0	7.3	7.3	7.3	7.0	
Taxi-/Landing Lights		7.0	7.0		7.0	7.0	
Main Bus total	1.16	14.61	26.51	18.51	26.51	14.61	

2. Essential Bus Loads (A)

	Preflight	Taxi	Climb	Cruise	Descent	Taxi	Alt out	Gliding
CS Propeller AP 308	0.06	0.06	1.0	0.06	1.0	0.06	0.06	
Trim Indicator MAC LED	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Com/Nav Apollo SL 30	0.27	0.6	0.6	0.6	0.6	0.6	0.6	0.6
GPS Garmin 195	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Turn Coordinator Navaid	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
µ-Encoder RMI	0.57	0.57	0.57	0.57	0.57	0.57	0.57	
Compass Module	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Vert. Speed Ind. Ilec SC7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Transponder Apollo SL 70	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
µ-Monitor RMI	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
Fuel Monitor Avelec	0.015	0.015	0.015	0.015	0.015	0.015	0.015	
Essential Bus total	2.19	2.52	3.46	2.52	3.46	2.52	2.52	1.69

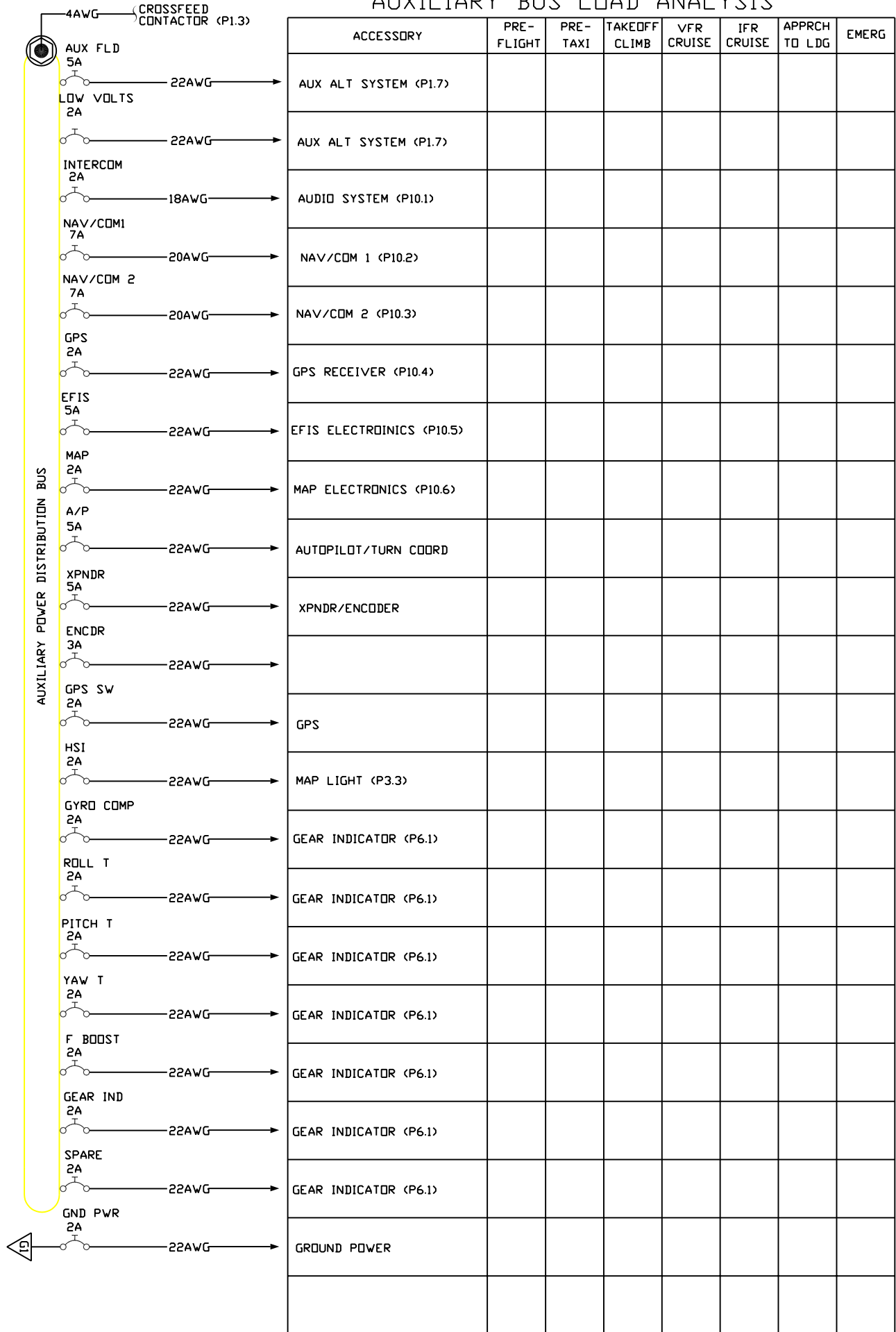
3. Normal Operation Loads (A)

Main + Essential Bus total	3.35	17.13	29.97	21.03	29.97	17.13	2.52	1.69
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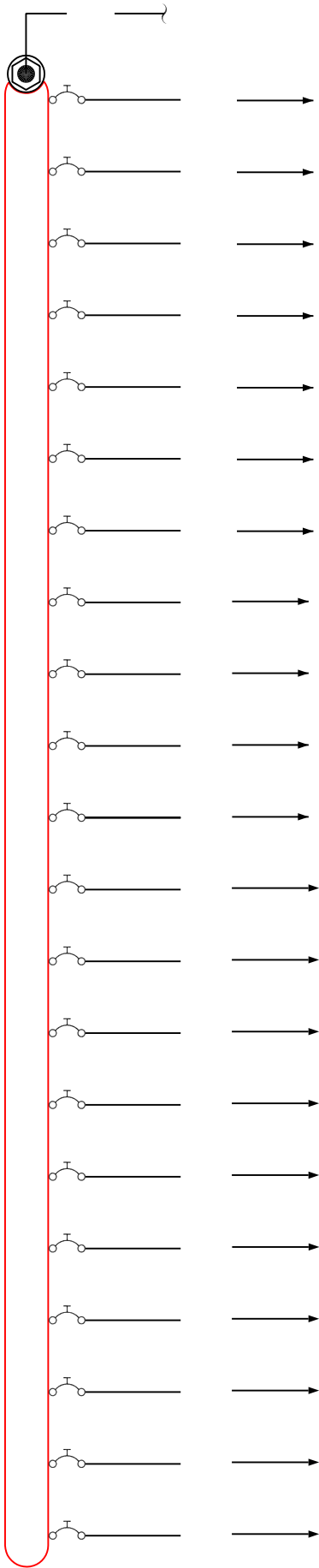


ACCESSORY	PRE-FLIGHT	TAXI	TAKEOFF CLIMB	CRUISE	APPRCH TO LDG	BATTERY ONLY
BATTERY CONTACTOR	1.0	1.0	1.0	1.0	1.0	0.0
TOTALS						

AUXILIARY BUS LOAD ANALYSIS



LOAD ANALYSIS



ACCESSORY	PRE-FLIGHT	TAXI	TAKEOFF CLIMB	VFR CRUISE	IFR CRUISE	APPRCH TO LDG	EMERG
TOTALS							

TITLE	PAGE