

Description	Connected Load	Duty Cycle	Start	Taxi	Take-off	Climb	Cruise	Descent	Landing	Pre Load Shed Power Consumed	Remaining Cruise Load After Shed	Landing Power Consumed
										10 min (Amp-min)	(Amps)	5 min (Amp-min)
										10		5
Anti-Collision Lights	0.60	1.00	0.60	0.60	0.60	0.60	0.60	0.60	0.60	6.00		
Pilot Overhead Light	1.00	0.50	0.50	0.50			0.50			5.00		
Copilot Overhead Light	1.00	0.50	0.50	0.50			0.50			5.00		
Instrument Lights	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00	1.00	9.15
Landing Light	2.50	0.50			1.25	1.25		1.25	1.25			
Flap Motor	12.00	0.20	2.40	2.40	2.40				2.40			
Landing Gear	24.00	0.20			4.80				4.80			
Fuel Pump	2.00	1.00	2.00	2.00	2.00				2.00			
Pitot Heat	6.55	1.00	6.55	6.55	6.55	6.55	6.55	6.55	6.55	65.50		
Hourmeter	0.02	1.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20	0.02	0.10
Battery Relay Coil	0.33	1.00	0.33	0.33	0.33	0.33	0.33	0.33	0.33	3.30	0.33	1.65
Alternator Relay Coil	0.33	1.00	0.33	0.33	0.33	0.33	0.33	0.33	0.33	3.30		
Alternator Field & ACU Power	1.90	1.00	1.90	1.90	1.90	1.90	1.90	1.90	1.90	19.00		
ACU Bus Sense	0.02	1.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20	0.02	0.10
Turn Coordinator	0.80	1.00	0.80	0.80	0.80	0.80	0.80	0.80	0.80	8.00	0.80	4.00
Annunciator Panel	0.30	1.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	3.00	0.30	1.50
Avionics Fan	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.00	0.50	2.50
Engine and Fuel Gauges	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00	1.00	5.00
Audio Panel	2.50	1.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	25.00	2.50	
EFIS + Weather Radar	24.00	1.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	240.00		
Transponder	1.50	1.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	15.00	1.50	7.50
Altitude Encoder	0.23	1.00	0.23	0.23	0.23	0.23	0.23	0.23	0.23	2.30	0.23	1.15
Course deviation Indicator	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.00	0.50	2.50
#1 Nav / Comm (RX)	0.69	0.90	0.62	0.62	0.62	0.62	0.62	0.62	0.62	6.21	0.62	3.11
#1 Nav / Comm (TX)	6.00	0.10	0.60	0.60	0.60	0.60	0.60	0.60	0.60	6.00	0.60	3.00
#2 Nav / Comm (RX)	0.69		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
#2 Nav / Comm (TX)	6.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total: Essential Loads	98.79		49.53	49.53	54.58	45.38	45.13	45.38	54.58	451.31	10.75	41.25