

TABLE 7-16 PAXSAT MASS BUDGET

PAYLOAD			
	Optics	138	
	ELINT/COMINT	90	
		-----	228 kg
PAYLOAD SUPPORT			
	Radar	83	
	Command & Data Handling	137	
		-----	220 kg
SPACECRAFT BUS			
	Attitude Control	79	
	Reaction Control	244	
	Thermal Control	30	
	Power Subsystem	52	
	Batteries	33	
	Solar Arrays	167	
	Structure	159	
	Balance Mass	10	
		-----	774 kg
TOTAL SPACECRAFT (EOL)			1,222 kg
MARGIN @ 20%			244 kg
TOTAL SPACECRAFT (DRY)			1,466 kg

	Fuel & Pressurant		3,000 kg
TOTAL SPACECRAFT (WET, BEGINNING OF LIFE)			4,466 kg
