

Sheet1

N_WBS_1,C,50	N_WBS_2,C,5N_WBS_3,C,5N_WBS_4,C,5N_WBS_5,C,5
Structural/Mechanical Group	
Thermal Control Subsystem	
Electrical Power and Distribution Group	
CC&DH Group	
Attitude Determination & Control Subsystem	
Solid Retrorocket Motor Subsystem	
SUBSYSTEM SUBTOTAL	
IACO	
STO	
GSE	
SE&I	
PROGRAM MANAGEMENT	
LOOS	
SYSTEM LEVEL SUBTOTAL	
TOTAL	

Sheet1

WT_SS,N,2\WT_COMP,N,NO_IN_SS,N,AR_DDTE,NAR_STH,N,AR_FU,N,2\AR_TOTAL,NMOD_DDTE					
229.38832	68.97199		10.71213	79.68412	68.97199
28.61168	17.46622		2.57069	20.03692	17.46622
90.00000	20.36389		4.58028	24.94417	20.36389
62.00000	44.62725		12.13775	56.76500	44.62725
90.00000	73.00671		13.74085	86.74757	73.00671
147.00000	41.81097		10.76367	52.57463	41.81097
647.00000	266.24704	155.92300	54.50538	476.67503	266.24704
	17.77556		5.83268	23.60824	7.76001
	113.80225		14.68226	128.48451	55.34471
	171.95926			171.95926	171.95926
	108.97194		27.35325	136.32519	108.97194
	64.72624		12.87212	77.59836	64.72624
	28.40226			28.40226	28.40226
	505.63751		60.74031	566.37783	437.16442
647.00000	771.88455	155.92300	115.24570	1043.05286	703.41146

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MOD_STH	MOD_FU,N	MOD_TOTAAV	DDTEAV_FU,N	BV_DDTEBV_FU,N	MISSION,C,5	YEAR_DOL,N
	10.71213	79.68412	3.47023	0.23849	0.55000	0.70000 SURVEYOR 1999.00000
	2.57069	20.03692	3.26533	0.17571	0.50000	0.80000 SURVEYOR 1999.00000
	4.58028	24.94417	1.09296	0.15675	0.65000	0.75000 SURVEYOR 1999.00000
	12.13775	56.76500	1.33680	0.44691	0.85000	0.80000 SURVEYOR 1999.00000
	13.74085	86.74757	2.49851	0.29985	0.75000	0.85000 SURVEYOR 1999.00000
	10.76367	52.57463	3.44851	2.40860	0.50000	0.30000 SURVEYOR 1999.00000
68.06900	54.50538	388.82124	3.92265	0.62644	0.65164	0.69001 SURVEYOR 1999.00000
	5.83268	13.59269	0.40438	0.29076	0.70000	0.75000 SURVEYOR 1999.00000
		55.34471	2.26355		0.55000	SURVEYOR 1999.00000
		171.95926	0.51436		1.00000	SURVEYOR 1999.00000
	27.35325	136.32519	0.32595	0.61290	1.00000	0.95000 SURVEYOR 1999.00000
	12.87212	77.59836	0.82787	0.43020	0.75000	0.85000 SURVEYOR 1999.00000
		28.40226	0.04750		1.10000	SURVEYOR 1999.00000
	46.05805	483.22248	2.24265	1.27702	0.90718	0.89672 SURVEYOR 1999.00000
68.06900	100.56343	872.04371				SURVEYOR 1999.00000

Sheet1

HW_CLASS,C,C_WBS_1,C,50	C_WBS_2,C,5C_WBS_3,C,5C_WBS_4,C,5
PLANETARY Structures/Mechanical Subsystem	
PLANETARY Thermal Control Subsystem	
PLANETARY Electrical Power and Distribution Subsystem	
PLANETARY CC&DH Subsystem	
PLANETARY Attitude Determination and Control Subsystem	
PLANETARY Propulsion (Solid Retrorocket)	
PLANETARY SUBSYSTEM SUBTOTAL	
PLANETARY IACO	
PLANETARY STO	
PLANETARY GSE	
PLANETARY SE&I	
PLANETARY PROGRAM MANAGEMENT	
PLANETARY LOOS	
PLANETARY SYSTEM LEVEL SUBTOTAL	
PLANETARY TOTAL	

C\_WBS\_5,C,50