

Estimated Expenses of SSP without Lauch Cost

7/13/98

	1998	1999	2000	2001	2002	2003	Total
<b>Student &amp; mentor support</b>							
Project manager 1	16,000	16,000	16,000	16,000	16,000	0	80,000
Project manager 2	8,000	8,000	8,000	8,000	8,000	0	40,000
Proj. asssit. 1	7,500	7,500	7,500	7,500	7,500	0	37,500
Proj. asssit. 2	3,850	3,850	3,850	3,850	3,850	0	19,250
Graduate TL (2)	22,100	22,100	22,100	22,100	11,050	11,050	110,500
Undergrad TL (5)	32,200	32,200	32,200	32,200	19,350	0	148,150
Graduate scholarship (2)	11,050	11,050	11,050	11,050	5,550	5,550	55,300
Undergrad scholarship (12)	50,000	50,000	50,000	50,000	13,400	4,200	217,600
Mentorship (7)	21,000	21,000	21,000	21,000	3,000	0	87,000
Subtotal	171,700	171,700	171,700	171,700	87,700	20,800	795,300
<b>Operations</b>							
Travel	8,000	8,000	8,000	20,000	6,000	6,000	56,000
Clerical supplies	750	750	750	750	250	0	3,250
Books & manuals	600	600	600	200	0	0	2,000
Capital	12,000	9,000	6,000	0	0	0	27,000
Communications	500	500	500	750	300	300	2,850
Publications	500	500	500	750	4,800	4,800	11,850
Subtotal	22,350	19,350	16,350	22,450	11,350	11,100	102,950
<b>Prototyping</b>							
Parts & materials	6,500	12,500					19,000
Shop labor	800	1,600					2,400
Tools	500	500					1,000
Subtotal	7,800	14,600	0	0	0	0	22,400
<b>NOTE: All in 1998 dollar value, without any inflation folded in.</b>							

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7/13/98

	1998	1999	2000	2001	2002	2003	Total
<b>Flight Unit</b>							
Parts & materials		20,000	30,000				50,000
Components		200,000	50,000				250,000
Shop labor		5,000	15,000				20,000
Tools		2,000	1,000				3,000
Subtotal	0	227,000	96,000	0	0	0	323,000
<b>Ground support equipment</b>							
Hardware		5,000	5,000				10,000
Software		2,000	2,000				4,000
Subtotal	0	7,000	7,000	0	0	0	14,000
<b>Testing</b>							
Transportation				500			500
Integration test				10,000			10,000
EMI				15,000			15,000
Thermal-Vacuum				30,000			30,000
Vibration				20,000			20,000
Subtotal	0	0	0	75,500	0	0	75,500
<b>Delivery</b>							
Ground transportation				1,000			1,000
Air transportation				6,000			6,000
Insurance				1,000			1,000
Subtotal	0	0	0	8,000	0	0	8,000
<b>Ground station</b>							
Parts & materials			5,000	5,000			10,000
Subtotal	0	0	5,000	5,000	0	0	10,000
<b>Total</b>	201,850	439,650	296,050	282,650	99,050	31,900	1,351,150
<b>NOTE:</b> All in 1998 dollar value, without any inflation folded in.							