

ID	Task Name	Duration	Start	Finish	03	Qtr 3, 2003			Qtr 4, 2003			Qtr 1, 2004			Qtr 2, 2004			Qtr 3, 2004			Qtr 4, 2004			Qtr 1, 2005	
					Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1	<b>Quad</b>	<b>190 days</b>	<b>Thu 03/07/03</b>	<b>Wed 24/03/04</b>																					
2	layout & mass budget	6 wks	Thu 03/07/03	Wed 13/08/03																					
3	pend design & dynamics	6 wks	Thu 03/07/03	Wed 13/08/03																					
4	fix quad mass	0 days	Wed 13/08/03	Wed 13/08/03																					
5	refining dynamcis model	16 wks	Thu 14/08/03	Wed 03/12/03																					
6	<b>assy &amp; install fixtures</b>	<b>80 days</b>	<b>Thu 14/08/03</b>	<b>Wed 03/12/03</b>																					
7	design	12 wks	Thu 14/08/03	Wed 05/11/03																					
8	dwgs	4 wks	Thu 06/11/03	Wed 03/12/03																					
9	<b>vertical eddy current damping</b>	<b>45 days</b>	<b>Thu 03/07/03</b>	<b>Wed 03/09/03</b>																					
10	test	2 wks	Thu 03/07/03	Wed 16/07/03																					
11	design	2 wks	Thu 14/08/03	Wed 27/08/03																					
12	dwgs	1 wk	Thu 28/08/03	Wed 03/09/03																					
13	<b>OSEMs &amp; OSEM Mounting</b>	<b>80 days</b>	<b>Thu 03/07/03</b>	<b>Wed 22/10/03</b>																					
14	design	12 wks	Thu 03/07/03	Wed 24/09/03																					
15	dwgs	4 wks	Thu 25/09/03	Wed 22/10/03																					
16	<b>structure design</b>	<b>80 days</b>	<b>Thu 14/08/03</b>	<b>Wed 03/12/03</b>																					
17	design & FEA	8 wks	Thu 14/08/03	Wed 08/10/03																					
18	dwgs	8 wks	Thu 09/10/03	Wed 03/12/03																					
19	<b>top mass</b>	<b>80 days</b>	<b>Thu 14/08/03</b>	<b>Wed 03/12/03</b>																					
20	design	8 wks	Thu 14/08/03	Wed 08/10/03																					
21	dwgs	8 wks	Thu 09/10/03	Wed 03/12/03																					
22	<b>tablecloth</b>	<b>40 days</b>	<b>Thu 14/08/03</b>	<b>Wed 08/10/03</b>																					
23	design	4 wks	Thu 14/08/03	Wed 10/09/03																					
24	dwgs	4 wks	Thu 11/09/03	Wed 08/10/03																					
25	<b>upper intermed. Mass</b>	<b>80 days</b>	<b>Thu 14/08/03</b>	<b>Wed 03/12/03</b>																					
26	design	8 wks	Thu 14/08/03	Wed 08/10/03																					
27	dwgs	8 wks	Thu 09/10/03	Wed 03/12/03																					
28	<b>clamps (wire &amp; spring)</b>	<b>40 days</b>	<b>Thu 14/08/03</b>	<b>Wed 08/10/03</b>																					
29	design	4 wks	Thu 14/08/03	Wed 10/09/03																					
30	dwgs	4 wks	Thu 11/09/03	Wed 08/10/03																					
31	<b>blade test facility</b>	<b>60 days</b>	<b>Thu 03/07/03</b>	<b>Wed 24/09/03</b>																					

Project: quad_schedule_3jul2003 Date: Wed 08/10/03	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

ID	Task Name	Duration	Start	Finish	03	Qtr 3, 2003			Qtr 4, 2003			Qtr 1, 2004			Qtr 2, 2004			Qtr 3, 2004			Qtr 4, 2004			Qtr 1, 2	
					Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
32	design	4 wks	Thu 03/07/03	Wed 30/07/03		■																			
33	dwgs	4 wks	Thu 31/07/03	Wed 27/08/03		■	■																		
34	build	4 wks	Thu 28/08/03	Wed 24/09/03			■	■																	
35	<b>springs</b>	<b>60 days</b>	<b>Thu 25/09/03</b>	<b>Wed 17/12/03</b>					■	■	■														
36	test	4 wks	Thu 25/09/03	Wed 22/10/03					■	■															
37	design	4 wks	Thu 23/10/03	Wed 19/11/03						■	■														
38	dwgs	4 wks	Thu 20/11/03	Wed 17/12/03							■														
39	<b>catcher/fiber welding fixture</b>	<b>100 days</b>	<b>Thu 14/08/03</b>	<b>Wed 31/12/03</b>					■	■	■	■													
40	design	12 wks	Thu 14/08/03	Wed 05/11/03					■	■	■	■													
41	dwgs	8 wks	Thu 06/11/03	Wed 31/12/03							■	■													
42	<b>Bumb stops subassy.</b>	<b>60 days</b>	<b>Thu 14/08/03</b>	<b>Wed 05/11/03</b>					■	■	■														
43	design	8 wks	Thu 14/08/03	Wed 08/10/03					■	■															
44	dwgs	4 wks	Thu 09/10/03	Wed 05/11/03						■															
45	<b>Assembly Procedure</b>	<b>120 days</b>	<b>Thu 14/08/03</b>	<b>Wed 28/01/04</b>					■	■	■	■													
46	draft	4 wks	Thu 14/08/03	Wed 10/09/03					■																
47	final	4 wks	Thu 01/01/04	Wed 28/01/04							■														
48	Tech development for clamps	6 mons	Thu 09/10/03	Wed 24/03/04							■	■	■	■											
49	need decision: FS or SAP	0 days	Mon 09/02/04	Mon 09/02/04																					
50	finalize quad dwgs for production	8 wks	Mon 09/02/04	Fri 02/04/04																					
51	Production Readiness Review	0 days	Fri 02/04/04	Fri 02/04/04																					
52	Production & Assembly & FFF test (2 quads)	39 wks	Mon 05/04/04	Fri 31/12/04																					
53	quad delivered to LASTI	0 days	Fri 31/12/04	Fri 31/12/04																					
54	<b>MC</b>	<b>1 day?</b>	<b>Thu 03/07/03</b>	<b>Thu 03/07/03</b>		■																			
56	<b>RM</b>	<b>80 days</b>	<b>Thu 03/07/03</b>	<b>Wed 22/10/03</b>		■	■	■																	

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