

IMPACT Subsystem Milestones

Boom - Boom Assembly

ITEM	EVENT	2003												2004											
		N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
1	Protoflight Tubes Ordered		1/24	▼																					
2	Stacer Ordered		1/29	▼																					
3	Pin Puller Ordered		1/31	▼																					
4	Protoflight Design Reviewed			2/26	▽	◆	4/1																		
5	Protoflight Mountings Designed			3/10	▽	◆	4/4																		
6	Other Protoflight Telescoping Parts Fabricated			3/21	▽	◆	4/10																		
7	Protoflight Tubes Received & Inspected			3/26	▽	◆	5/2																		
8	Stacer Received & Inspected			4/1	◆	4/2																			
9	Protoflight Mountings Fabricated			4/7	▽	◆	5/14																		
10	Protoflight Mountings Assembled			4/14	▽	◆	5/21																		
11	Protoflight Telescoping Boom Assembled			4/16	▽	◆	5/22																		
12	Protoflight Mountings Fit Checked			4/21	▽	◆	5/29																		
13	Protoflight Telescoping Boom Subassembly Tested			4/23	▽	◆	5/30																		
14	Protoflight Test Preparation Workshop			4/24	▽	◆	6/4																		
15	Pin Puller Received & Inspected			4/30	▽	◆	6/4																		

▽ On Time

◇ Possibly Early

◇ Possibly Late

▼ Completed On Time

◆ Completed Early

◆ Completed Late

Mission Critical MS

IMPACT Critical MS

Suite MS

IMPACT Subsystem Milestones

Boom - Boom Assembly

ITEM	EVENT	2003												2004									
		N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
16	Boom Structure Blanket Mockup Delivered to APL						5/9	▼															
17	Protoflight Boom Integrated						5/14	▽	6/6	◆													
18	Protoflight Deployment Test Complete						5/21	▽	6/13	◆													
19	Protoflight Boom Vibration Test Complete						5/23	▽	7/22	◆													
20	Protoflight Boom Thermal Vac Testing Complete						6/16	▽	8/21	◆													
21	Protoflight Boom Post Environmental Deployment						6/18	▽	8/28	◇													
22	Order Flight Tubes						6/19	▽	8/18	◆													
23	Protoflight Boom Thermal Balance Testing						6/30	▽	8/26	◇													
24	Protoflight Boom Complete						7/16	▽	9/5	◇													
25	Harness Design Reworked (if necessary)						7/17	▽	9/26	◇													
26	Mounting Design Reworked (if necessary)						7/24	▽	10/3	◇													
27	Protoflight Test Results Workshop and Deployment						7/24	▽	8/21	◆													
28	Flight Tubes Received & Inspected						8/5	▽	10/2	◇													
29	FM 1 Harness Parts Fabricated						8/21	▽	11/3	◇													
30	FM 1 Boom Structure Mounting Fabricated						8/21	▽	11/3	◇													

On Time	Completed On Time	Mission Critical MS
Possibly Early	Completed Early	IMPACT Critical MS
Possibly Late	Completed Late	Suite MS

