Boom - Boom Assembly

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		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 1/24 1/29 1/31 2/26 4/1 3/10 4/4 4/10 3/26 5/2 4/1 4/14 5/21 4/16 5/29																							
ITEM	EVENT	N	D	J	F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	o
1	Protoflight Tubes Ordered		1/2	24																					
2	Stacer Ordered		1/	29																					
3	Pin Puller Ordered		1/	/31																					
4	Protoflight Design Reviewed			2/2	26 \ 	7	4	 1/1 																	
5	Protoflight Mountings Designed			3	 3/10 			 4/4 																	
6	Other Protoflight Telescoping Parts Fabricated				3/2	1		4/10																	
7	Protoflight Tubes Received & Inspected				3/2	6	7	5	6/2 																
8	Stacer Received & Inspected				4	 /1 	4	 4/2 																	
9	Protoflight Mountings Fabricated					│	\bigvee		5/14	ļ															
10	Protoflight Mountings Assembled					│ 4/14 │			5/2	:1															
11	Protoflight Telescoping Boom Assembled					 4/16 			5/2	22															
12	Protoflight Mountings Fit Checked					4/21		7	5/ 1	29															
13	Protoflight Telescoping Boom Subassembly Tested					4/2	$\sqrt{3}$	7	5/	30															
14	Protoflight Test Preparation Workshop					4/2	1	7	e l	6/4															
15	Pin Puller Received & Inspected					4/3	80	7	6	6/4															
	√ On Time	•	V	C	om	plet	ed	On	Tim	ne] [Mis	sio	n C	ritic	al N	/IS	
	Possibly Early	•	•	C	om	plet	ed	Ear	ly] I	MP	AC	TC	riti	call	MS	
	Possibly Late	•		C	om	plet	ed	Late	е										Suit	e N	1S				

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ITEM	EVENT	N	D	J	F	М	I A	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s c)
16	Boom Structure Blanket Mockup Delivered to APL						5/9																		
17	Protoflight Boom Integrated						5/14			6/6 															
18	Protoflight Deployment Test Complete						5/2	1 🗸		6/13	3														
19	Protoflight Boom Vibration Test Complete						5/2	3	7	1	7/2	2													
20	Protoflight Boom Themal Vac Testing Complete							6/16				8/2	 21 	Up	dat	ed	wi	th /	۹ug	jus	t St	atu	IS		
21	Protoflight Boom Post Environmental Deployment							6/18		1	\prec	8.	 /28 												
22	Order Flight Tubes							6/19		7		8/1	 8 	Up	oda	tec	w k	ith	Au	gu	st S	tat	us		
23	Protoflight Boom Thermal Balance Testing							6/3	00	$\overline{\mathcal{A}}$	\leftarrow	8/	 26 												
24	Protoflight Boom Complete							7	 7/16 		\vdash		 9/5 												
25	Harness Design Reworked (if necessary)								 7/17 	V	7	\prec	9/	26 											
26	Mounting Design Reworked (if necessary)								7/2	4	7—	\prec	>.	 0/3 											
27	Protoflight Test Results Workshop and Deployment								7/2	4	4	8/2	21 	L	Jpd	ate	d v	with	ı A	ugı	ust	Sta	itus	•	
28	Flight Tubes Received & Inspected									8/5	\bigvee	\prec	>1	0/2											
29	FM 1 Harness Parts Fabricated									8/21		7	-	>	11/3										
30	FM 1 Boom Structure Mounting Fabricated									8/21	\bigvee	7	\prec	>	 1/3 										
	✓ On Time	•	V	Co	m	ple	ted	On	Tin	ne] [Mis	sio	n C	ritic	al N	1S	
	Possibly Early	•	\	Co	mı	ple	ted	Ear	ly]	MP	AC	TC	ritio	call	MS	
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	EVENT N D J F M A M J J A S O N D 11/2														2004													
ITEM	EVENT	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	s	0			
31	FM 2 Harness Parts Fabricated									8/21		$ \sqrt{} $		\bigcirc	11/3													
32	FM 2 Boom Structure Mounting Fabricated									8/21		7	+	\Diamond	11/3													
33	Telescoping Design Reworked (if necessary)									8/2	7	Ż	$\langle \rangle$	10	/13 /13													
34	Flight Model Design Update Workshop									8/2	28 \	Ż	\langle	10	/14													
35	FM 1 Boom Structure Mounting Assemblies									9	9/5	\bigvee	,	$\overline{}$	11	 /18 												
36	FM 2 Boom Structure Mounting Assemblies									9	9/5	\bigvee	,	-<	11	 /18 												
37	FM 1 Harness subassembly Assembled										9/1	9	Ä	+	\Diamond	12/3												
38	FM 1 Boom Structure Mountings Tested										9/1	9	Ä	+	\Diamond	12/3												
39	FM 2 Harness subassembly Assembled										9/1	9	7	+	\Diamond	12/3												
40	FM 2 Boom Structure Mountings Tested										9/1	9	7	+	\Diamond	12/3												
41	FM 1 Boom Structure Parts Fabricated										1	0/2	$\overline{\bigvee}$	-(11	 /18 												
42	FM 2 Boom Structure Parts Fabricated										1	0/2	$\overline{\bigvee}$	+	11	 /18 												
43	FM 2 Harness Tested										1	0/3	$\overline{\bigvee}$		-(12	/17											
44	Flight Boom Structure Status and Flight Testing											10/2	0 \	7	\Diamond	12/4												
45	FM 1 Boom Structure Telescoping Assembly											10	/31	$\overline{\nabla}$	-(12	 /17 											
	✓ On Time	•	V	Co	m	plet	ed	On	Tin	ne								l	Mis	sio	n C	ritic	al N	/IS				
	Possibly Early	•	\	Cc	om	plet	ed	Ear	ly									l	MP	AC	CT C	Criti	cal	MS				
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Boom - Boom Assembly

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ITEM	EVENT	N	D	J	F	М	Α	M	J	J	Α	S	6 (0	N	D	J	F	М	Α	М	J	J	Α	s	0
46	FM 2 Boom Structure Telescoping Assembly											10	/31		<u> </u>		12	2/17								
47	FM 1 Boom Structure Telescoping Assembly												11/1	17	V	\vdash	\geq	1/2								
48	FM 2 Boom Structure Telescoping Assembly												11/1 	17	V		\rangle	1/2								
49	FM 1 Boom Structure subassemblies Integrated													12	/16			\Diamond	2/2 							
50	FM 2 Boom Structure subassemblies Integrated													12	/16			\Diamond	 2/2 							
51	Protoflight Boom Delivered for Boom Suite I & T													12	2/19		7	12/30								
52	FM 1 Boom Structure Deployment Testing														12/3	1	7	+	2/	17						
53	FM 2 Boom Structure Deployment Testing														12/3	1	$\overline{\mathcal{F}}$	-(2/	17						
54	FM 1 Boom Structure Vibration Test															 	\bigvee	<u>'</u>	2	23						
55	FM 2 Boom Structure Vibration Test															1/7	\bigvee	'	2.	23						
56	FM 1 Boom Structure Themal Vac Testing																2/2	0 \	7	\Diamond	4/5					
57	FM 1 Boom Structure Post Environmental																2/2	26	7		4/9					
58	FM 2 Boom Structure Post Environmental																2/2	26	7		4/9					
59	Flight Model Boom Test Results Workshop																	3/5	$\overline{\nabla}$		4/	19				
60	FM 1 Boom Structure Complete																:	3/11	\bigvee		4/	23 				
	✓ On Time	•	V	Co	omp	olete	ed	On	Tin	ne										Mis	sio	n C	ritio	cal I	MS	
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	Possibly Late	•	\	Co	omp	olete	ed	Late	е											Sui	te N	/IS				

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ITEM	EVENT	N	D	J	F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	0			
61	FM 2 Boom Structure Complete															3	/11 /11	V		4/	23 							
62	FM 1 Boom Structure Ready for Delivery to APL																		(6/7		6/21	1					
63	FM 2 Boom Structure Ready for Delivery to APL																			6/21		7,	/6					
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	Possibly Late	Completed Late																Suite MS										