Boom - Boom Assembly

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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	o
1	Protoflight Tubes Ordered		1/24																						
2	Stacer Ordered		1/29																						
3	Pin Puller Ordered		1/3	1																					
4	Protoflight Design Reviewed		:	 2/26 		7	4	1/1																	
5	Protoflight Mountings Designed			3/1	10			4/4																	
6	Other Protoflight Telescoping Parts Fabricated			3	3/21			4/10)																
7	Protoflight Tubes Received & Inspected			3	3/26		7	5	/2																
8	Stacer Received & Inspected				4/	1	7	1/2																	
9	Protoflight Mountings Fabricated				4/	7	7		5/1	4															
10	Protoflight Mountings Assembled				4/	14			5/2	21															
11	Protoflight Telescoping Boom Assembled				4/	16	\bigvee		5/2	22															
12	Protoflight Mountings Fit Checked				4	/21	$\overline{\setminus}$	7	5.	/29															
13	Protoflight Telescoping Boom Subassembly Tested				4	/23		7	5	/30															
14	Protoflight Test Preparation Workshop				4	1/24	abla	Z	6	6/4															
15	Pin Puller Received & Inspected					4/30	7	7	6	6/4															
	∇ On Time ∇ Com	ple	etec	d C	n ⁻	Γim	e										М	liss	ior	ı C	riti	cal	M	S	
	Possibly Early Com	ple	etec	d E	arl	у											IIV	1P/	٩C	TC	Crit	ica	l M	IS	
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ITEM	EVENT	N	D	J	F	МА	N	1 J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α :	s o
16	Boom Structure Blanket Mockup Delivered to APL					5/9																	\perp
17	Protoflight Boom Integrated					5/14			6/6	5													
18	Protoflight Deployment Test Complete					5/21	ı		6/	 13 													
19	Protoflight Boom Vibration Test Complete					5/23	3	7	1	7	/22												
20	Protoflight Boom Themal Vac Testing Complete					6	 6/16 	3	7	1	8	 /21 											
21	Protoflight Boom Post Environmental Deployment Test					(6/18 	3 \	7		\langle	9/	 17 										\perp
22	Order Flight Tubes					-	 6/19 	э \	7		8/	 '18 											
23	Protoflight Boom Thermal Balance Testing						6/:	30	$\overline{\nearrow}$			9/1	15 										
24	Protoflight Boom Complete							7/16			8	/21											
25	Harness Design Reworked (if necessary)							 7/17 		7	\Diamond	9/5											
26	Mounting Design Reworked (if necessary)							7/2	4	7	\Diamond	9/5											
27	Protoflight Test Results Workshop and Deployment Demo							7/2	4		8	 /21 											
28	Flight Tubes Received & Inspected							8	3/5 	$\sqrt{}$	$\langle \rangle$	9/1	1 										
29	FM 1 Harness Parts Fabricated								8/21		7		10	/13									
30	FM 1 Boom Structure Mounting Fabricated								8/21		K	\searrow	 10/3 	 } 									
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31	FM 2 Harness Parts Fabricated								8/2	21	\bigvee	\prec	1	0/1:	3								
32	FM 2 Boom Structure Mounting Fabricated								8/2	21	V	7	> 10)/3									
33	Telescoping Design Reworked (if necessary)								8. 	 27 	V	٤)/12 										
34	Flight Model Design Update Workshop - DELETED																						\perp
35	FM 1 Boom Structure Mounting Assemblies Assembled									9/	5	7		10/2	20								
36	FM 2 Boom Structure Mounting Assemblies Assembled									9/	5	7	\rightarrow	10/2	20								\perp
37	FM 1 Harness subassembly Assembled									9/	19	\overrightarrow{V}	\prec	1	 1/11 	ı							
38	FM 1 Boom Structure Mountings Tested									9/	19	$\overrightarrow{\ \ }$		 > 1 1 	1/3								
39	FM 2 Harness subassembly Assembled									9/	19	$\overrightarrow{\nabla}$	\prec	1	 1/11 	ı							
40	FM 2 Boom Structure Mountings Tested									9/	′19	$\sqrt{}$		> 1 1	1/3								
41	FM 1 Boom Structure Parts Fabricated										10/2	2 🔀	\nearrow	10/2	20								
42	FM 2 Boom Structure Parts Fabricated										10/2	2 🔀		10/2	20								
43	FM 2 Harness Tested										10/	3 🗸	7	$\langle \rangle$	11/2	25							
44	Flight Boom Structure Status and Flight Testing Preparation										10	20	7		> 12	2/4							
45	FM 1 Boom Structure Telescoping Assembly Assembled										1	0/31 	X		11/1: 	8							
	✓ On Time ✓	Comple	te	d C	n ·	Tim	ne									I	Mis	sic	n C	Criti	ical	MS	}
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ITEM	EVENT	N	I D	J	F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	A (s c
46	FM 2 Boom Structure Telescoping Assembly Assembled										1	0/3	1 \		1	1/18 								
47	FM 1 Boom Structure Telescoping Assembly Tested											11		\	\nearrow	 12/3 	 							
48	FM 2 Boom Structure Telescoping Assembly Tested											11		\	\nearrow	 12/3 	 							
49	FM 1 Boom Structure subassemblies Integrated												12/	16 	K	\rightarrow	1/2 							
50	FM 2 Boom Structure subassemblies Integrated												12/	16	X	\rangle	 1/2 							
51	Protoflight Boom Delivered for Boom Suite I & T												12	 /19 		7	 12/3 	_0_						
52	FM 1 Boom Structure Deployment Testing Completed												1	 2/3 	1		1/	 /19 						
53	FM 2 Boom Structure Deployment Testing Completed												1	2/3 	1		1/	 /19 						
54	FM 1 Boom Structure Vibration Test													1	 7 		1	/23 						
55	FM 2 Boom Structure Vibration Test													1	 7 	X	\	 1/28 						
56	FM 1 Boom Structure Themal Vac Testing														2	 2/20 	\		3/8					
57	FM 1 Boom Structure Post Environmental Deployment Tes	st														 2/26 	3	$\langle \rangle$	3/1	2				
58	FM 2 Boom Structure Post Environmental Deployment Tes	st														 2/26 	3	\overline{Z}		4/	23			
59	Flight Model Boom Test Results Workshop - DELETED																							
60	FM 1 Boom Structure Complete															3/	11 11		3/	19 				
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Boom - Boom Assembly

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ITEM	EVENT	N	1 [ο .	J	FN	М	A I	м .	J,	J	Α	s	0	N	D	J	F	М	М	J	JA	s o
61	FM 2 Boom Structure Complete																3/1	1	<u> </u>	\bigcirc	4/30		
62	FM 1 Boom Structure Ready for Delivery																		5/14			6/7	
63	FM 2 Boom Structure Ready for Delivery																			6/28		7/6	
					+														+				
	✓ On Time ✓	Compl	lete	ed	On	ı Ti	me	е										Mi	ssic	on C	Critic	cal M	IS
	Possibly Early	Compl	lete	ed	Ea	ırly	,											IM	PA	СТ	Criti	ical N	ИS
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