

# Case Use History

## STS-133, November 2010

### Flight Set 112



Left Booster		Right Booster	
Fwd Dome	FSM-11, STS-123	STS-1, 41B, 51G, TEM-8 STS-55, 77, 97, 122	Fwd Dome
Cylinder	STS-1, 7, TEM-9, STS-74 STS-87, 100, 122	STS-1, 8, 51G, TEM-1 FSM-10, STS-123	Cylinder
Capture Feature Cylinder	STS-102, 122	STS-61, 80, 92, 123	Capture Feature Cylinder
Cylinder	STS-51A, 61C, 34, 40 FSM-3, 4, 5, 6 STS-103, 107, FSM-12	STS-41B, 51I, 26, 32, 42, 62 STS-109, FSM-12	Cylinder
Capture Feature Cylinder	STS-31, 49, 66, 79 STS-95, 109, FSM-12	STS-51, 80, 96, 113 FSM-12	Capture Feature Cylinder
Cylinder	STS-51G, TEM-2, STS-50 STS-68, 79, 95, 111	STS-41G, TEM-3 STS-66, 85, 92, 114	Cylinder
Capture Feature Cylinder	STS-29, 31, 45, 66 STS-85, 92, 114	NEW	Capture Feature Cylinder
ET Attach	STS-112, 123	TEM-11, STS-74, 87, 100 FSM-11, STS-123	ET Attach
Stiffener	STS-51J, 29, FSM-1, STS-79 STS-96, 112, FSM-11, STS-123	STS-31, 45, 62, 73 STS-87, 104, 122	Stiffener
Stiffener	STS-112, 123	ETM-3, STS-123	Stiffener
Aft Dome	DM-8, STS-28, 39, 54, 63 STS-85, 98, 123	FSM-7, 8, 9, STS-123	Aft Dome

DM – Demonstration Motor      ETM – Engineering Test Motor      FSM – Flight Support Motor  
 STS – Space Transportation System      TEM – Test Evaluation Motor

# STS-133 Case Summary

STS-1 (3)	STS-73	DM-8
STS-7	STS-74 (2)	ETM-3
STS-8	STS-77	FSM-1
STS-41B (2)	STS-79 (3)	FSM-3
STS-41G	STS-80 (2)	FSM-4
STS-51A	STS-85 (3)	FSM-5
STS-51G (3)	STS-87 (3)	FSM-6
STS-51I	STS-92 (3)	FSM-7
STS-51J	STS-95 (2)	FSM-8
STS-61C	STS-96 (2)	FSM-9
STS-26	STS-97	FSM-10
STS-28	STS-98	FSM-11 (3)
STS-29 (2)	STS-100 (2)	FSM-12 (4)
STS-31 (3)	STS-102	TEM-1
STS-32	STS-103	TEM-2
STS-34	STS-104	TEM-3
STS-39	STS-107	TEM-8
STS-40	STS-109 (2)	TEM-11
STS-42	STS-111	
STS-45 (2)	STS-112 (3)	
STS-49	STS-113	
STS-50	STS-114 (2)	
STS-51	STS-122 (4)	
STS-54	STS-123 (10)	
STS-55		
STS-61		
STS-62 (2)		
STS-63		
STS-66 (3)		
STS-68		

18 Static Tests  
54 Shuttle Flights  
1 New