

# Case Use History

STS-134, April 2011

Flight Set 113



Left Booster		Right Booster	
Fwd Dome	ETM-3, STS-123	FSM-10, STS-124	Fwd Dome
Cylinder	GTM-3, STS-3, 41G, 61B DM-8, STS-28, 39, 54, 67 STS-82, 103, FVM-2	TEM-8, STS-72, 90 STS-104, 124	Cylinder
Capture Feature Cylinder	FVM-2	STS-52, 64, 81, 93 STS-107, 124	Capture Feature Cylinder
Cylinder	STS-7, 51D, TEM-6, FSM-4 STS-109, 123	STS-41D, TEM-7, STS-75 STS-88, 110, 120	Cylinder
Capture Feature Cylinder	STS-33, 48, 58, 80 STS-93, 112, 122	STS-48, 60, 73, 89, 100 FSM-10, STS-123	Capture Feature Cylinder
Cylinder	STS-41D, TEM-2, STS-49 STS-65, 81, 99, 107, 123	TEM-1, STS-48, 60, 73, 89 STS-100, FSM-10, STS-124	Cylinder
Capture Feature Cylinder	STS-107, 123	STS-39, 55, 77, 93 STS-107, 123	Capture Feature Cylinder
ET Attach	STS-34, 40, 55, 71 STS-83, 101, FVM-2	STS-39, 55, 71, 83 STS-103, 107, 124	ET Attach
Stiffener	51-I, TEM-2, STS-41, 61 STS-94, 92, 123	STS-37, 53, 63 STS-83, 106, 124	Stiffener
Stiffener	STS-66, 82, 103, FVM-2	STS-124	Stiffener
Aft Dome	STS-35, 52, 64, 78, 99 FVM-2	STS-109, 120	Aft Dome

DM – Demonstration Motor

ETM – Engineering Test Motor

FSM – Flight Support Motor

FVM – Flight Verification Motor

GTM – Ground Test Motor

STS – Space Transportation System

TEM – Test Evaluation Motor

# STS-134 Case Summary

STS-3  
STS-7  
STS-41D (2)  
STS-41G  
STS-51D  
STS-51I  
STS-61B  
STS-28  
STS-33  
STS-34  
STS-35  
STS-37  
STS-39 (3)  
STS-40  
STS-41  
STS-48 (3)  
**STS-49**  
STS-52 (2)  
STS-53  
STS-54  
STS-55 (3)  
STS-58  
STS-60 (2)  
STS-61  
STS-63  
STS-64 (2)  
STS-65  
STS-66  
STS-67  
STS-71 (2)  
STS-72  
STS-73 (2)  
STS-75  
STS-77  
STS-78

STS-80  
STS-81 (2)  
STS-82 (2)  
STS-83 (3)  
STS-88  
STS-89 (2)  
STS-90  
STS-92  
STS-93 (3)  
STS-94  
STS-99 (2)  
STS-100 (2)  
STS-101  
STS-103 (3)  
STS-104  
STS-106  
STS-107 (5)  
STS-109 (2)  
STS-110  
STS-112  
STS-120 (2)  
STS-122  
STS-123 (8)  
STS-124 (6)

DM-8  
ETM-3  
FSM-4  
FSM-10 (3)  
FVM-2 (5)  
GTM-3  
TEM-1  
TEM-2 (2)  
TEM-6  
TEM-7  
TEM-8

11 Static Tests  
59 Shuttle Flights

STS-49 was *Endeavour's* first mission, and flew on May 7, 1992.

STS-134 will be *Endeavour's* final mission.