

Appendix 2B
External Carriers Flight Hardware

ITEM	MODEL/DRAWING NUMBER	SERIAL NUMBER	QUANTITY	CAPPS RESPONSIBILITY	REMARKS
Flight Pallet Structure Modified	9004340-1E/E	F001/MD001	1	OM	
Flight Pallet Structure Modified	9004340-1E/E	F003/MD004	1	OM	
Flight Pallet Structure Modified	9004340-1E/E	F004/MD002	1	OM	
Flight Pallet Structure Modified	9004340-1E/E	F005/MD003	1	OM	
Flight Pallet Structure Modified	9004340-1E/E	F006/MD005	1	OM	
Flight Pallet Structure Modified	9004340-1E/E	F007/MD006	1	OM	
Flight Pallet Structure Modified	9004340-50E/E	F002/MD009	1	OM	
Flight Pallet Structure Modified	9004340-50E/E	F008/MD007	1	OM	
Flight Pallet Structure Modified	9004340-50E/E	F010/MD008	1	OM	
ATCS, Enhanced MDM Pallet	9K00564-1		63	OM	Note 1
Freon Pump, Enhanced MDM Pallet	9K00565-1		33	OM	Note 1
CB100-FR1, Upper Port Brackets	9K00566-1		24	OM	Note 1
Connector Bracket and Tray, FR-1 Starboard	9K00567-1		30	OM	Note 1
Standard Brackets – EMP	9K00569-1		30	OM	Note 1
Components, Avionics, EMP	9K00570-1		63	OM	Note 1
Cables, Enhanced MDM Pallet	9K00571-1		122	OM	Note 1
Passive Thermal Control System (PTCS), Enhanced MDM Pallet	9K00572-1		17	OM	Note 1
PTCS installation, EMP, Frame 1, Modified	9007541-1		401	OM	Note 1
ATCS, Enhanced MDM Pallet, High Data Rate System	9K00573-1		32	OM	Note 1
Standard Brackets – EMP High Data Rate System	9K00574-1		46	OM	Note 1
Avionics, EMP High Data Rate System	9K00575-1		48	OM	Note 1
PTCS Installation, EMP, Frame 4 Modified	9007542-1		46	OM	Note 1
Cables – EMP, High Data Rate System	9K00577-1		53	OM	Note 1
PTCS, EMP High Data Rate System	9K00578-1		8	OM	Note 1
ATCS hardware	9K00460-1		113	OM	
FMDM	9K00461-1		41	OM	

Responsibility Codes:

O = Operator

M = Maintain includes implementation of approved changes

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PCB	9K00462-1		5	OM	
DFI Goldplates	9K00466-1		13	OM	
PTCS	9K00467-1		46	OM	
Adapters and Buckets	9K00468-1		53	OM	
Frame 1 Cable Trays	9K00469-1		42	OM	
Payload Timing Buffer	9K00470-1		5	OM	
J-Box	9K00471-1		9	OM	
Instrumentation	9K00472-1		24	OM	
Cable Harnesses	9K00477-1		92	OM	
Installation Coldplate Support Platform	9004320-1		45	OM	
Spacelab Pallet Panel Plugs and Inserts	9K00158-503, -505		5	OM	
SLP Pallet Hardpoints	9K00161-1		12	OM	
SLP Pallet Orbiter Fittings	9K00162-1		58	OM	
SLP Adapter Plates	9K00247-1		21	OM	
SLP Pallet to Pallet Joints	9K00423-1		48	OM	
SLP Pallet Scuff Plates	9008010-1		15	OM	
SLP Keel Camera Target Assembly	9008307-1		16	OM	
SLP "Dogbone" Handrails/ Worksite Interface Adapters	9K00623-1		21	OM	
Spacelab Transfer Tunnel	9K00243-1		2	OM	
Spacelab Extended Transfer Tunnel	9K00621-1		1	OM	
Spacelab Transfer Tunnel GSE Set	1D21149-1		1	OM	
MIR Tunnel Assembly	9063011-1		1	OM	

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Utility Bridge Assembly	9007104		13	OM	
LMC Top Assembly	9008414-1	MD002	32	OM	
Flight Support Equipment Installation	9008366-1		44	OM	
FSE Installation Center Config.	9008383-1		43	OM	
FSE Installation Front/Rear Config.	9008384-1		43	OM	
LMC Electrical Assy., Top/ Bottom/ Outside	9008406-1		40	OM	
LMC Electrical Assy., Top/ Bottom/ Center	9008407-1		40	OM	
LMC Electrical Assy., Front/ Back/ Outside	9008408-1		42	OM	
Spacelab Tunnel	ID47023-501	MD001, MD002	2	OM	

Note 1: Reference Drawing 9005658 for acronyms and breakdown of kit hardware for the EMP/ EMP High Data Rate System subsystems.

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