

**Appendix 2A
ISS Flight Hardware**

ITEM	MODEL/DRAWING NUMBER	SERIAL NUMBER	QTY Per MLPM/Total	CAPPS RESPONSIBILITY	REMARKS
Mini-Pressurized Logistics Module (MPLM) and associated systems/hardware			3	OM	Note 1
GLA Remote Control Assembly	219006	N/A	1/4	OM	
GLA Lamp Housing Assembly	219010	N/A	8/26	OM	
GLA Baseplate Ballast Assembly	219011	N/A	8/26	OM	
Sampling Line Shut-Off Valve	C11944 Rev A	N/A	3/4	OM	
Negative Pressure Relief Valve	B40483-1	N/A	5/16	OM	
Positive Pressure Relief Valve	B40484-1	N/A	3/10	OM	
Depressurization Assembly	B40481	N/A	2/8	OM	
IMV Shut-Off Valve	B40482-3	N/A	2/7	OM	
Cabin Fan Assembly	SV819591-1	N/A	1/4	OM	
Total Pressure Sensor	SV822093-1	N/A	3/11	OM	
MDM	8266726	N/A	1/4	O	
Emergency Lighting Power Supply	683-26007-1	N/A	1/4	OM	
Emergency Egress Lighting Strip	683-26007-2	N/A	1/4	OM	
Battery	BAT	N/A	1/3	OM	
Knee Braces	683-50249-4	N/A	16/48	OMF	
Duct Smoke Detector/Sensor	2119814-1	N/A	1/3	OM	
Sampling Line Filter	1246590-1	N/A	1/4	OM	Note 3
Air Diffuser	1261051-1	N/A	8/25	OM	Note 3
Air Temperature Sensor	1269966	N/A	1/4	OM	Note 3
Differential Pressure Sensor	6061.00.AA	N/A	1/4	OM	Note 3
Modulating Valve	6012.10.AA	N/A	1/4	OM	Note 3
Modulating Valve Electronics	6012.11.AA	N/A	1/4	OM	Note 3
On/Off Valve	6012.10.AA	N/A	1/4	OM	Note 3
On/Off Valve Electronics	6012.10.AA	N/A	1/4	OM	Note 3
Water Pump Package	C1511300-1	N/A	1/4	OM	Note 3
Heater Control Unit	02-HCU-00.000	N/A	1/4	OM	Note 3
Power Distribution Box	658470	N/A	1/4	OM	Note 3
Heater Thermostats		N/A	22/68	OM	Note 3
Thermofoil Heaters		N/A	76/235	OM	Note 3
Multi Layer Insulation Blankets		N/A	Approx. 220/660	OM	Note 3
Meteoroid & Debris Protection System Panels		N/A	66/198	OM	Note 3
Thermostat Communication Cables	TBD	TBD	1/3	OM	Note 4

Responsibility Codes:

O = Operator

M = Maintainer

F = Fleet Resource Managed Item

Appendix 2A ISS Flight Hardware

ITEM	MODEL/DRAWING NUMBER	SERIAL NUMBER	QTY	CAPPS RESPONSIBILITY	REMARKS
Unpressurized Logistics Carrier (ULC)		N/A	4	OM	
EXPRESS Pallets		N/A	4	OM	Note 2
High Pressure O ₂ /N ₂ Tanks		N/A	2 – N ₂ 4 – O ₂	OM	
ISPR Racks		N/A	33	F	
ISPR Kits		N/A	15	F	
Active Rack Isolation System (ARIS) Kit		N/A	TBD	F	
Manual Berthing Mechanism (MBM)		N/A	1	OM	
Express Transportation Racks		N/A	4	OMF	
BRP Transportation Racks		N/A	2	OMF	
ISIS Stowage Drawers		N/A	42	OMF	
Resupply Stowage Racks (RSR)	683-60554-1	N/A	12	OMF	
Air Volume Closeout Assembly		N/A	3	OMF	(FRM Chart)
Resupply Stowage Platform 1 (RSP1)	SEG3311600-301	N/A	8	OMF	
Refrigerator/Freezer, Cryo (-80°C)		N/A	3	OMF	Note 2 (First Flight UF-6)
Refrigerator/Freezer, Crew (+4°C/-20°C)		N/A	TBD	OMF	Note 2 (Post Assembly)
Refrigerator/Freezer, MELFI (-80°C)		N/A	4	OMF	Note 2 (Late 2001 Delivery)
Node 2 and associated systems/hardware	TBD	TBD	1	OM	Note 2

Note 1: Off-line Maintenance for US Sourced Hardware only

Note 2: These items have not been received at KSC.

Note 3: These items are European sourced. CAPPS responsibility includes remove and replace maintenance action and disposition to repair location only.

Note 4: CAPPS responsibility includes design and fabrication of cables.

Responsibility Codes:

O = Operator

M = Maintainer

F = Fleet Resource Managed Item