

SYSTEM	PMN	TITLE	QTY	
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CITE

CARGO INTEGRATION TEST EQUIPMENT - VERTICAL

(Equipment Deleted - Mod 136)

Responsibility Codes:
 U=User; M=Maintainer;
 O=Operator; E=Sustaining Engineering,

SYSTEM	PMN	TITLE	QTY	
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CITE

CARGO INTEGRATION TEST EQUIPMENT - O&C

(Equipment Deleted - Mod 136)

Responsibility Codes:
 U=User; M=Maintainer;
 O=Operator; E=Sustaining Engineering,

SYSTEM	PMN	TITLE	QTY	
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CITE

CARGO INTEGRATION TEST EQUIPMENT - SSPF

(Equipment Deleted - Mod 136)

Responsibility Codes:
 U=User; M=Maintainer;
 O=Operator; E=Sustaining Engineering,

Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
MATE 3		MATE 3	
	SD2-20152	MATE 3	1
TCMS	C70-1676	TEST CONTROL AND MONITORING SYSTEM HIGH OR LOW BAY - SSPF or O&C	4
	C70-1676	Rack 25473 - FEPs and Peripherals	2
	C70-1676	IOF 1	1
	C70-1676	IOF 2	1
	C70-1676	Rack 25474 - FEPs and Peripherals	2
	C70-1676	IOF 3	1
	C70-1676	IOF 4	1
	C70-1676	Rack 26830 - FEPs and Peripherals	2
	C70-1676	IOF 5	1
	C70-1676	IOF 6	1
	C70-1676	Rack 26831 - FEPs and Peripherals	2
	C70-1676	IOF 7	1
	C70-1676	IOF 8	1
	C70-1676	Rack 31560A1 - FEPs and Peripherals	1
	C70-1676	IOF 9	1
	C70-1676	Rack 25464 - FEPs and Peripherals	1
	C70-1676	LBF 11	1
	C70-1676	Rack 25465 - FEPs and Peripherals	1
	C70-1676	LBF 12	1
	C70-1676	Rack 26835 - FEPs and Peripherals	1
	C70-1676	LBF 13	1
	C70-1676	Rack 26836 - FEPs and Peripherals	1
	C70-1676	LBF 14	1
	C70-1676	Rack 26845 - FEPs and Peripherals	1
	C70-1676	LBF 16	1
	C70-1676	Rack 26480 - FEPs and Peripherals	2
	C70-1676	IOF 17	1
	C70-1676	IOF 18	1
	C70-1676	Rack 26486 - FEPs and Peripherals	1
	C70-1676	LBF 19	1
	C70-1676	LE RACK - FEPs and Peripherals	1
	C70-1676	LBF 20	1
	C70-1676	LE RACK - FEPs and Peripherals	1

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1676	LBF 21	1
	C70-1676	Rack 26841 - FEPs and Peripherals	2
	C70-1676	IOF 22	1
	C70-1676	IOF 23	1
		MOBILE LAUNCH PLATFORM (MLP)	
	C70-1676	MLP 1 - Rack 6632 - FEPs and Peripherals	2
	C70-1676	LBF 32	1
	C70-1676	IOF 30	1
	C70-1676	MLP 1 - Rack 6633 - FEPs and Peripherals	2
	C70-1676	LBF 33	1
	C70-1676	IOF 31	1
	C70-1676	MLP 1 - Rack/Shelf - 9589MPLM	1
	C70-1676	Mini Hubs (6 per MLP)	6
	C70-1676	MLP 2 - Rack 6632 - FEPs and Peripherals	2
	C70-1676	LBF 42	1
	C70-1676	IOF 40	1
	C70-1676	MLP 2 - Rack 6633 - FEPs and Peripherals	2
	C70-1676	LBF 43	1
	C70-1676	IOF 41	1
	C70-1676	MLP 2 - Rack/Shelf - 9589MPLM	1
	C70-1676	Mini Hubs (6 per MLP)	6
	C70-1676	MLP 3 - Rack 6632 - FEPs and Peripherals	2
	C70-1676	LBF 52	1
	C70-1676	IOF 50	1
	C70-1676	MLP 3 - Rack 6633 - FEPs and Peripherals	2
	C70-1676	LBF 53	1
	C70-1676	IOF 51	1
	C70-1676	MLP 3 - Rack/Shelf - 9589MPLM	1
		PAD A Room 220	
	C70-1676	Mini Hubs (6 per MLP)	6
		SSPF USER/CONTROL ROOM 5	
	C70-1676	Rack 30241 - R&R1 3 each SGI Origin 200, AP & ARS	4
	C70-1676	AP	4
	C70-1676	ARS	4
	C70-1676	ARS	4
	C70-1676	Optical Disk Drives, 4 Each	4
	C70-1676	Mini Hubs - 3 per rack	3
	C70-1676	Peripherals	4
	C70-1676	Rack 30141 - UTIL 3 each SGI Origin 200, AP & ARS	4

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1676	AP	4
	C70-1676	ARS	4
	C70-1676	ARS	4
	C70-1676	Optical Disk Drives, 4 Each	4
	C70-1676	Mini Hubs - 3 per rack	3
	C70-1676	Peripherals	
	C70-1676	Rack 30321 - APS 3 each SGI Origin 200, AP & ARS	4
	C70-1676	AP	4
	C70-1676	ARS	4
	C70-1676	ARS	4
	C70-1676	Optical Disk Drives, 4 Each	4
	C70-1676	Mini Hubs - 3 per rack	3
	C70-1676	Peripherals	
	C70-1676	Rack 30251 - R&R2 3 each SGI Origin 200, AP & ARS	1
	C70-1676	AP	3
	C70-1676	ARS	3
	C70-1676	ARS	4
	C70-1676	Optical Disk Drives, 4 Each	4
	C70-1676	Mini Hubs - 3 per rack	3
	C70-1676	Peripherals	
	C70-1676	Rack 31560A1 - 3 each SGI Origin 200, AP & ARS	4
	C70-1676	AP	4
	C70-1676	ARS	4
	C70-1676	ARS	4
	C70-1676	Mini Hubs - 3 per rack	3
	C70-1676	Peripherals	
	C70-1676	Rack 30106 - Applications Master Operations Console	1
	C70-1676	NCD-X-Term	1
	C70-1676	3COM Level 2 Switch	2
	C70-1676	3COM Level 3 Switch	1
	C70-1676	Thin Repeater - 2 per rack	2
	C70-1676	Media converter	2
	C70-1676	Mini Hub	4
	C70-1676	Rack 30107 - Utilization Master Operations Console	1
	C70-1676	NCD-X-Term	1
	C70-1676	3COM Level 2 Switch	4
	C70-1676	Thin Repeater - 2 per rack	2
	C70-1676	Mini Hub	4

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1676	Rack 30211 - Return and Resupply 1 Master Operations Console	1
	C70-1676	NCD-X-Term	1
	C70-1676	3COM Level 2 Switch	4
	C70-1676	Thin Repeater - 2 per rack	2
	C70-1676	Mini Hub	4
	C70-1676	Rack 30212 - Return and Resupply 2 Master Operations Console	1
	C70-1676	NCD-X-Term	1
	C70-1676	3COM Level 2 Switch	4
	C70-1676	Thin Repeater - 2 per rack	2
	C70-1676	Mini Hub	4
	C70-1676	Export Server, DELL Power Edge 2300	1
	C70-1676	Personal Computer Link to PON	1
	C70-1676	SGI ORIGIN 2000, CM platform	1
	C70-1676	SGI ORIGIN 02, UNIX Security Tool (Intrusion Detection Sys.)	1
	C70-1676	Cybernetics Tape Library System	4

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
SSPF USER/CONTROL ROOM 4			
	C70-1676	Rack 30201 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30202 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30203 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30204 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30205 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30206 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30207 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30208 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30209 - User's Console	4
	C70-1676	NCD X-Term	4
	C70-1676	Rack 30210 - User's Console	4
	C70-1676	NCD X-Term	4
SSPF HIGH & LOW BAY Room 1234			
	C70-1676	Rack 27937 - TCMS Patch Rack	1
	C70-1676	MiniMac - 6 each	6
	C70-1676	Peripherals	
	C70-1676	Rack 27938 - TCMS Patch Rack	1
	C70-1676	MiniMac - 6 each	6
	C70-1676	Peripherals	
SSPF HIGH BAY			
	C70-1676	Rack 26788A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26789A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26790A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26791A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26792A4 - ESP	1
	C70-1676	Peripherals	

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1676	Rack 26793A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26794A4 - ESP	1
	C70-1676	Peripherals	
	C70-1676	Rack 26795A4 - ESP	1
	C70-1676	Peripherals	
		SSPF INTERMEDIATE BAY	
	C70-1676	Rack 25561 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25562 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25563A2 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25564 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25565A2- EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25566 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25567 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25568 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25569A2 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25570 - EWP	1
	C70-1676	Peripherals	
	C70-1676	Rack 25571A2 - EWP	1
	C70-1676	Peripherals	
		SSPF ROOM 1419	
	C70-1676	Rack 25931A3 - Fluids Patch Rack	1
	C70-1676	Peripherals	
		SSPF ROOM 1487	
	C70-1676	Rack 27704 - Off Line Lab Rack	1
	C70-1676	Peripherals	
		SSPF ROOM 1481	
	C70-1676	Rack 27706 - Off line Lab Rack	1
	C70-1676	Peripherals	
		SSPF ROOM 1495	
	C70-1676	Rack 27708 - Off Line Lab Rack	1
	C70-1676	Peripherals	
		SSPF ROOM 1235	
	C70-1676	Rack XXXX - C&T Patch Rack	1

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1676	Peripherals	
		SSPF - LOCATION AS REQUIRED	
	C70-1676	NCD-X-Terms, 20 each placed per specific test requirements	30
	C70-1676	DEC 5000, 10 each placed per specific test requirements	10
	C70-1676	Line Printers, networked. 5 each	5
	C70-1676	Data, Command, & Display Networks	3
	C70-1676	Data and Command Networks	1
	C70-1676	Display Networks	3
		MPLM SUPPORT VEHICLE	
	DRAWING #		
	D0716200-1	PPU to MSV Test Cable	4
	D0716300-1	PPU to Orbiter Test Cable	4
	D0716400-1	OPF to MSV Test Cable	2
	D0716500-1	OPF to Orbiter Test Cable	2
	D0716600-1	MSV Adapter Cable	8

Responsibility Codes:
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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
PPCU	C70-1629	PARTIAL PAYLOAD CHECKOUT UNIT (PPCU)	4
	C70-1629-2	Application Processor	4
	C70-1629-4	Display Processor	4
	C70-1629-12	MUX/DEMUX I/O DAM	4
	C70-1629-19	Data Display Control Unit	4
	C70-1629-23	Payload Video Mux	4
	C70-1629-26	Payload Power Rack 2	4
	C70-1629-28	Display Processor — Operations Terminals, 12 each	12
	C70-1629-29	Data Simulation Module (DSM)	4
	C70-1629	Operations Console 1—SGI	4
	C70-1629	Operations Console 2—SGI	4
	C70-1629	Standard Switch Panel 1	4
	C70-1629	Standard Switch Panel 2	4
	C70-1629	Deployment Pointing Panel	4
	C70-1629	15 Kilo Hertz Demodulator	4
	C70-1629	1.024 Mega Hertz Demodulator	4

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	C70-1629	Lanview Mini-mac Cabletron System Inc. Multiport Repeaters	4
	C70-1629	MT-800 Multiport Transceiver	3
	C70-1629	Optical-Disk Drives, Panasonic	6
	C70-1629	Tape Drives-9 Track, StorageTek	2
	C70-1629	Console-Interface Terminals	4
PTGS		PAYLOADS TEST AND CHECKOUT SYSTEM	
	GF5-00510	United States ISPR Checkout Unit (USICU)	4
	GC5-00894	Communications and Tracking Checkout System (C&TCS)	4
	GC5-00377	High Density Ground Recording System (HDGRS)	2
	GC5-00883	Video Test Set (VTS)	4
	GD5-00069	Packet Data Analyzer (PDA)	4
	GF5-00627	Payload Data Generator (PDG)	4
	GC5-00512	Experiment Data Distribution System (EDDS)	4
	GD5-00891	Enhanced HOSC System at KSC (EHS-KSC)	4
	GD5-00884	C&DH FEU Hardware Integration	4
	GD5-00882	C&DH FEU Software Integration	4
	GF5-00881	Payload MDM FEU	4
	GF5-00880	Portable Computer System (PCS)	3
	GF5-00877	Payload Ethernet Hub Gateway FEU (PEHG)	3
	SD2-20152-2	R&R MATE-3 for Utilization	4
	GD5-00902	International Partners FEU Integration	4
	GE5-00892	Power Distribution Assembly	4
	GF5-00903	Attached Payload Integration	4
	GC5-00536	Video Baseband Signal Processor (VBSP) DVTM	4
	GC5-00089	High Rate Frame Multiplexer (HRFM) DVTM	4
	GQ2-20138	Space to Ground System Test Set (SGS-TS)	4
	GQ1-01320	Intra-rack Duct Flow Balancing Kit	4
	GE5-00650	GSE GRND POWER/I-BAY PATCH & CONTR RACK (82K04588-1)	4
	GE5-00650	GSE GRND POWER/I-BAY PWR SUPPLY RACK (82K04586-1)	4
	GE4-06041	DC POWER SOURCE	1

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
	DRAWING #		
	82K07074-1	Cable Assembly Adapter, Express Rack	4
	82K07074-2	Cable Assembly Adapter, Express Rack	2
	82K07074-3	Cable Assembly Adapter, Express Rack	2
	82K07075-1	Cable Assembly Adapter, Express Rack	4
	82K07075-2	Cable Assembly Adapter, Express Rack	4
	82K07076-1	Cable Assembly Adapter, Express Rack	4
	82K07076-2	Cable Assembly Adapter, Express Rack	4
	82K07077-1	Cable Assembly Adapter, Express Rack	4
	82K07077-2	Cable Assembly Adapter, Express Rack	4
	82K07078-1	Cable Assembly Adapter, Express Rack	4
	82K07078-2	Cable Assembly Adapter, Express Rack	4

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Checkout Systems Equipment Matrix

SYSTEM	PMN	TITLE	QTY
PRCU	DRAWING #	PAYLOAD RACK CHECKOUT UNIT	
	683-27527	Data Acquisition Process Controller (DAPC Rack	1
	683-27586	Video Rack	1
	683-27531	Computational Rack	1
	683-27550/1	Versa Module Europe (VME) Chassis	2
	683-30169	Payload MDM FEU	1
	300028-301 (Part Number)	Common Video Interface Unit FEU	1
	683-27540	Thermal Control Sys. (Low Temp, Mod Temp Chillers)	2
	683-27541	Rack Flow Control Assembly (RFCA)	6
	683-27557	System Flow Control Assembly (SFCA)	2
	683-27545	Vacuum System	1
	683-27553	Gas System	1
	683-27577	Impedance Analysis Rack	1
	683-47341	Fire Detection Support (FDS) Interface	3
	683-30157	Portable Computer System	1
	683-30155	PRCU Sun Control Station	1
	683-27523	Electrical Power System Assembly (includes Programmable Electrical Power System Emulator)	1
		Connector Savers	33
	PART #		
	683-27524	Electrical/Data Connector Savers	30
	683-27552	Vacuum Connector Savers	6
	683-27587	Gaseous Nitrogen Connector Savers	3
	683-27554	Mod/Low Thermal Control System Connector Savers	12

* Includes technicians and documentation support only

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