

HIRES-CCD UPGRADE PROJECT - MECHANICAL PART & ASSEMBLY DRAWING LOG							
P/N	type	category	Description	Dewar	Material	Overall Dimensions	Comments
H-9100	sketch	Documentation	family tree				
H-9111	assy	Major Assemblies	CCD Assembly				
H-9112	assy	Major Assemblies	Dewar Contents Assembly				
H-9113	assy	Major Assemblies	Frame & Vacuum System				
H-9114	assy	Major Assemblies	Card Cage, Electronics Box				
H-9115	assy	Major Assemblies	Electronics Box				
H-9116	assy	Major Assemblies	Rear Dewar Lid Assembly				
H-9117	assy	Major Assemblies	Lid & Spider Assembly				
H-9118	assy	Major Assemblies	Dewar & Frame Assembly				
H-9119	assy	Major Assemblies	Footlocker Mechanical Assembly				
H-9120	assy	Major Assemblies	Footlocker Frame				
H-9121	assy	Major Assemblies	Heat Exchanger Assembly				
H-9122	assy	Major Assemblies	CCD & Frame Assembly				
H-9123	assy	Major Assemblies	Optical Mask & Baffle Assembly				
H-9124	assy	Major Assemblies	CCD & Electronics Box Assembly				
H-9125	assy	Major Assemblies	CCD Upgrade Mechanical Assembly				
H-9126	assy	Major Assemblies	Footlocker and Electronics				
H-9181	part	Optics	Lens, Field Flattener		fused silica	7" OD x 2" THK	
H-9182	sketch	Optics	Optical Layout, Partial				sketch drawing showing detector location
H-9183	part	Optics	Optical Baffle	yes	6061-T6	paint spec needed	
H-9184	part	Optics	Mock Window	yes	fused silica		
H-9185	part	Optics	Optical Mask	yes	6061-T6	paint spec needed	
H-9186	part	Optics	Cover, Optical Mask		lexan		
H-9201	part	Vacuum Housing	Dewar Housing	yes	SST 304	7" OD x 7" ID x 7" LNG	
H-9202	weldment	Vacuum Housing	Transfer pipe	yes	SST 304	weld material?	
H-9202-1	sheetmetal	Vacuum Housing	Tube Half	yes	SST 304	18" x 3.7" x .032"	2 req'd
H-9202-2	part	Vacuum Housing	Flange		SST 304	4.25" x 1" x .238"	obsolete
H-9202-3	part	Vacuum Housing	Pipe Web	yes	SST 304	18" x .37" x .1"	
H-9202-4	part	Vacuum Housing	Dewar Flange	yes	SST 304		
H-9202-5	part	Vacuum Housing	Round Flange		SST 304		
H-9203	part	Vacuum Housing	Rear Dewar Lid	yes	SST 304	6.1" Dia x .5" THK	
H-9204	assy	Vacuum Housing	Getter				
H-9205	part	Vacuum Housing	Flange, Getter	yes	SST 304	2.11" OD x .47"	
H-9206	part	Vacuum Housing	End Cap, Getter	yes	SST 304	1.125" OD x .156"	
H-9207	part	Vacuum Housing	Weld Ring, Getter	yes	SST 304	1.097" OD x .971" ID x .125"	
H-9208	sheetmetal	Vacuum Housing	Screen	yes	SST 304	3.488" x 2.347" x .014"	
H-9209	part	Vacuum Housing	Fill Plug	yes	SST 304	1.175" OD x .125"	
H-9210	assy	Vacuum Housing	Zeolite Pouch	yes	Zeolite/polyester		packed in polyethylene bag
H-9211	part	Vacuum Housing	Shim, Mylar		mylar	7.008" OD x 6.78" ID x .005"	polyester film
H-9212	part	Vacuum Housing	Lens Support		SST 304	2.25" x .5" x .325"	3 req'd
H-9213	assy	Vacuum Housing	Dewar/Pipe Weldment	yes	SST 304		
H-9214	part	Vacuum Housing	Lens Retainer				
H-9215	part	Vacuum Housing	Rear Dewar Lid, Flat Design	yes	SST 304	6.1" Dia x .25" THK	
H-9216	part	Vacuum Housing	Bracket, Right, Charcoal Getter		copper		
H-9217	part	Vacuum Housing	Bracket, Left, Charcoal Getter		copper		
H-9218	part	Vacuum Housing	Tube, Charcoal Getter		SST 304		

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H-9219	part	Vacuum Housing	Cap, Charcoal Getter		copper		
H-9220	assy	Vacuum Housing	Right Charcoal Getter Assembly				
H-9221	assy	Vacuum Housing	Left Charcoal Getter Assembly				
H-9222	assy	Vacuum Housing	N2 Purge Assembly				
H-9223	part	Vacuum Housing	Clamp Base		aluminum		
H-9224	part	Vacuum Housing	Tube Clamp		mild steel		
H-9225	part	Vacuum Housing	Sleeve		brass		
H-9226	part	Vacuum Housing	Grommet		Poron		
H-9227	part	Vacuum Housing	Barbed Ferrule		brass		
H-9228	part	Vacuum Housing	Elastomeric Band		Viton		
H-9251	weldment	Support System	Dewar Support Frame		steel	existing part H7214	as modified for use here
H-9252	part	Support System	Ford Frame Modified		steel		
H-9253	part	Support System	Front Slot Bracket		SST 304		
H-9256	part	Support System	Stiffener Plate, Long				obsolete
H-9257	part	Support System	Stiffener Plate, Short				obsolete
H-9258	part	Support System	Backing Plate				obsolete
H-9259	part	Support System	Back Brace Plate		mild steel		
H-9260	part	Support System	Flange, Back Brace				obsolete
H-9261	part	Support System	Plate, Back Brace				obsolete
H-9262	part	Support System	Web		SST		
H-9263	weldment	Support System	Side Vane				
H-9264	weldment	Support System	Vee Weldment, Side Vane				
H-9265	part	Support System	Adjusting Rod		SST 304		
H-9266	part	Support System	Leg, Side Vane		steel		
H-9267	part	Support System	Clevis		4340 STL		
H-9268	weldment	Support System	Bottom Vane				
H-9269	weldment	Support System	Vee Weldment, Bottom Vane				
H-9270	part	Support System	Leg, Bottom Vane		SST 304		
H-9271-1	part	Support System	Tension Rod, Front		SST 15-5		
H-9271-2	part	Support System	Tension Rod, Rear		SST 15-5		
H-9272	part	Support System	Washer, Custom				
H-9273	part	Support System	Frame Modified, Phase 2				
H-9274	weldment	Support System	Frame Weldment, Phase 2				
H-9275	assy	Support System	Back Brace Assembly				
H-9276	part	Support System	Pump Cover		SST 304		
H-9301	part	Dark Slide	Spacer		Aluminum		
H-9302	part	Dark Slide	Ring		Aluminum		
H-9303	part	Dark Slide	Seal		Poron		
H-9351	part	CCD Support System	CCD Dewar Rotator	yes	brass	.311" Dia x .4" LNG	roll adjustment
H-9352	part	CCD Support System	Spider Attachment Ring	yes	SST 304	5" OD x 4.1" ID x .262" THK	
H-9353	part	CCD Support System	Spider Base Ring	yes	SST 304	5" OD x 4.25" ID x .188" THK	
H-9354	part	CCD Support System	Spider Tube Leg	yes	SST 304	.2" OD x .006" THK x 4.6" LNG	4 req'd
H-9355	part	CCD Support System	Spider Top Plate	yes	SST 304	3.75" x 3.375" x .115	
H-9356	assy	CCD Support System	Weldment, CCD Support Spider	yes		weld material?	
H-9357	assy	CCD Support System	CCD Support Spider Sub-Assembly	yes	na		
H-9361	part	CCD Support System	Top Bracket, Interconnect Board	yes	delrin		olselete
H-9362	sheetmetal	CCD Support System	Base Bracket, Interconnect Board	yes	delrin		olselete
H-9363	assy	CCD Support System	Interconnect Board & Support Assembly	yes	na		

P/N	type	category	Description	Dewar	Material	Overall Dimensions	Comments
H-9401	part	CCD & Backplane	Back Plane		42-Alloy		MIT Chip, old design, obsolete
H-9402	part	CCD & Backplane	Thermal Spider	yes	copper		MIT Chip
H-9403	part	CCD & Backplane	CCD Clip	yes	molybdenum		MIT Chip; supplied by GLI
H-9404	part	CCD & Backplane	CCD Base	yes	molybdenum		MIT Chip; supplied by GLI
H-9405	part	CCD & Backplane	Spacing Post		delrin		obsolete - used on Deimos for CCD locator
H-9406	part	CCD & Backplane	Stage Plate		6061-T6		MIT Chip, old design, obsolete
H-9407	part	CCD & Backplane	Hard Point, Cone Kinematic	yes	SST 17-4PH	.514" OD x .392"	2 req'd
H-9408	part	CCD & Backplane	Hard Point, Flat Kinematic	yes	SST 17-4PH	.514" OD x .3"	
H-9409	part	CCD & Backplane	Stand Off	yes	delrin	.514" OD x .77"	3 req'd
H-9410	assy	CCD & Backplane	CCD Strap Assy	yes	na		MIT Chip
H-9411	part	CCD & Backplane	Back Plane		Alloy 42		MIT Chip, new design, obsolete
H-9412	part	CCD & Backplane	Stage Plate	yes	6061-T6		MIT Chip, new design
H-9413	assy	CCD & Backplane	Splash Guard				MIT Chip
H-9414	part	CCD & Backplane	Base, Splash Guard		lexan		MIT Chip; obsolete
H-9415	part	CCD & Backplane	Plate, Splash Guard		lexan		MIT Chip; obsolete
H-9416	part	CCD & Backplane	Pin, Splash Guard	yes	SST 304		
H-9417	part	CCD & Backplane	Delrin Insert	yes	delrin		
H-9418	assy	CCD & Backplane	Heater/Diode Plate Assy	yes	copper, Tor Seal	diode & resistor	
H-9419	part	CCD & Backplane	Heater/Diode Plate	yes	copper		
H-9420	part	CCD & Backplane	CCD Strap Clamp	yes	copper		
H-9421-1	part	CCD & Backplane	CCD Strap #1	yes	silver		
H-9421-2	part	CCD & Backplane	CCD Strap #2	yes	silver		
H-9421-3	part	CCD & Backplane	CCD Strap #3	yes	silver		
H-9421-4	part	CCD & Backplane	CCD Strap #4	yes	silver		
H-9421-5	part	CCD & Backplane	CCD Strap #5	yes	silver		
H-9422	part	CCD & Backplane	Base, Getter Side, Splash Guard		lexan		obsolete
H-9423	part	CCD & Backplane	Base, Opposite Side, Splash Guard		lexan		obsolete
H-9424	part	CCD & Backplane	Base, center, Splash Guard		lexan		obsolete
H-9425	part	CCD & Backplane	Handle Base				
H-9426	part	CCD & Backplane	Handle				
H-9427	part	CCD & Backplane	Back Plane	yes	Alloy 42		
H-9428	part	CCD & Backplane	Plate, Splash Guard		lexan		
H-9429	part	CCD & Backplane	Base, Getter Side, Splash Guard		delrin		
H-9430	part	CCD & Backplane	Base, Opposite Side, Splash Guard		delrin		
H-9431	part	CCD & Backplane	Base, Center, Splash Guard		delrin		
H-9439	assy	CCD & Backplane	CCD MOSAIC ASSEMBLY	yes	na		
H-9440	assy	CCD & Backplane	CCD Top-Assembly Table	yes	na		
H-9440-1	assy	CCD & Backplane	Blue CCD Assembly	yes	na		
H-9440-2	assy	CCD & Backplane	Mid CCD Assembly	yes	na		
H-9440-3	assy	CCD & Backplane	Red CCD Assembly	yes	na		
H-9441	assy	CCD & Backplane	CCD Sub-Assembly	yes	na		
H-9441-1	assy	CCD & Backplane	BLUE CCD Sub-Assembly	yes	na		
H-9441-2	assy	CCD & Backplane	MID CCD Sub-Assembly	yes	na		
H-9441-3	assy	CCD & Backplane	RED CCD Sub-Assembly	yes	na		
H-9442	part	CCD & Backplane	CCD Device	yes	na		
H-9442-1	part	CCD & Backplane	BLUE CCD	yes	na		
H-9442-2	part	CCD & Backplane	MID CCD	yes	na		
H-9442-3	part	CCD & Backplane	RED CCD	yes	na		

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H-9443	assy	CCD & Backplane	FLEX CIRCUIT, 5 IN	yes	kapton, connectors		
H-9443-1	part	CCD & Backplane	FLEX CIRCUIT, 5 IN	yes			
H-9444	part	CCD & Backplane	HIRES2 Alloy 42 Backplanes				
H-9445	part	CCD & Backplane	Top Base, Optical Mask	yes	AL 6061		
H-9446	part	CCD & Backplane	Side Base, Optical Mask	yes	AL 6061		
H-9447	assy	CCD & Backplane	Optical Mask Assembly	yes	na		
H-9448	assy	CCD & Backplane	Optical Mask Attachment Assembly				
H-9451	part	Electronics Box	Front Bulkhead				
H-9452	part	Electronics Box	Analog Switch Board, Mechanical Assembly				
H-9453	part	Electronics Box	CCD Interconnect Board, Mechanical Assembly	yes	see electronics		
H-9454	part	Electronics Box	SMA Connector, Modified	yes	see note		
H-9455	part	Electronics Box	Nut, SMA Connector				
H-9456	part	Electronics Box	End Cover, Card Cage				
H-9457	part	Electronics Box	Top Panel, Card Cage				
H-9458	part	Electronics Box	Bottom Panel, Card Cage				
H-9459	part	Electronics Box	Outside Plate, Card Cage				
H-9460	part	Electronics Box	Interior Plate, Card Cage				
H-9461	part	Electronics Box	Joint, 6.5 Inch, Card Cage				
H-9462	part	Electronics Box	Card Guide, Card Cage				
H-9463	part	Electronics Box	Front Panel, Card Cage				
H-9464	part	Electronics Box	Front Preamp Bulkhead				
H-9465	part	Electronics Box	Rear Preamp Bulkhead, Opposite Side				
H-9466	part	Electronics Box	Rear Preamp Bulkhead, Getter Side				
H-9467	part	Electronics Box	Bulkhead Brace				
H-9468	part	Electronics Box	Strut, Opposite Side				
H-9469	part	Electronics Box	Strut, Getter Side				
H-9470	part	Electronics Box	Front Seam Brace				
H-9471	part	Electronics Box	Preamp Guide				
H-9472	assy	Electronics Box	Preamp Board, Mechanical Assembly				
H-9473	part	Electronics Box	Cover, Flex Cable				
H-9474	part	Electronics Box	Shim, Flex Cable				
H-9475	part	Electronics Box	Cover, Video Cable				
H-9476	part	Electronics Box	Sleeve, Power Cable				
H-9477	part	Electronics Box	Tray, Video Cable				
H-9478	part	Electronics Box	Stiffener, Cable Pipe				
H-9479	assy	Electronics Box	Cable Pipe Assembly				
H-9480	part	Electronics Box	Joint, 8.5 Inch, Card Cage				
H-9481	part	Electronics Box	Joint, 3.25 Inch, Card Cage				
H-9482	part	Electronics Box	Joint, 0.75 Inch, Card Cage				
H-9483	assy	Electronics Box	End Cap Assembly				
H-9484	part	Electronics Box	Top Flange				
H-9485	part	Electronics Box	Bottom Flange				
H-9486	part	Electronics Box	Skin				
H-9487	assy	Electronics Box	Power Filter Board, Mechanical Assembly				
H-9488	part	Electronics Box	Ring, End Cap				
H-9489	part	Electronics Box	Plate, End Cap				
H-9490	part	Electronics Box	Bracket				
H-9491	part	Electronics Box	Top Stiffener, Analog Switch PCB				

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H-9492	part	Electronics Box	Bottom Stiffener, Analog Switch PCB				
H-9493	part	Electronics Box	Guide, Analog Switch PCB				
H-9494	part	Electronics Box	Brace, Analog Switch PCB				
H-9495	part	Electronics Box	Locking Tee, Analog Switch PCB				
H-9496	part	Electronics Box	Back Seam Brace				
H-9497	part	Electronics Box	Back Seam Bar				
H-9498	part	Electronics Box	Clip				
H-9499	part	Electronics Box	Mounting Block				
H-9501	part	Cooling System	Anchor, Cold Finger		delrin	4" x .75" x .2"	obsolete
H-9502	part	Cooling System	Clamp, Cold Finger, Getter Side	yes	copper	3.5" x 1.2" x .5"	
H-9503	part	Cooling System	Clamp, Cold Finger, Opposite Side	yes	copper	3.5" x 1.2" x .5"	
H-9504	part	Cooling System	Mating Block, Cold Finger	yes	copper	2.65" x 1" x .625"	
H-9505	part	Cooling System	Anchor, Cold Finger	yes	delrin		
H-9506	assy	Cooling System	Main Strap Assembly	yes	silver		
H-9507-1	part	Cooling System	Main Strap #1	yes	silver	2.255" x 1" x .01"	
H-9507-2	part	Cooling System	Main Strap #2	yes	silver	2.315" x 1" x .01"	
H-9507-3	part	Cooling System	Main Strap #3	yes	silver	2.375" x 1" x .01"	
H-9507-4	part	Cooling System	Main Strap #4	yes	silver	2.435" x 1" x .01"	
H-9507-5	part	Cooling System	Main Strap #5	yes	silver	2.495" x 1" x .01"	
H-9508	part	Cooling System	Strap Clamp	yes	copper	1" x .75" x .125"	
H-9509	part	Cooling System	Extension, Thermal Spider	yes	copper		
H-9510	part	Cooling System	Extension Brace	yes	delrin		
H-9511	assy	Cooling System	Cold Finger Assembly	yes	silver		
H-9511-1	part	Cooling System	Silver Finger	yes	silver		
H-9511-2	part	Cooling System	Mounting Flange	yes	silver		
H-9512	part	Cooling System	Overflow Shield				
H-9513	part	Cooling System	Overflow Shield, Type 2				
H-9551	part	Handling & Test Fixtures	DSUB TEST PLATE		SST 304		for testing hermetic connectors
H-9552	part	Handling & Test Fixtures	SMA TEST PLATE		SST 304		for testing hermetic connectors
H-9553	assy	Handling & Test Fixtures	Vacuum Assembly with Transport Brace				
H-9554	part	Handling & Test Fixtures	Flange Bracket, Transport Brace		SST 304		
H-9555	part	Handling & Test Fixtures	Dewar Bracket, Transport Brace		SST 304		
H-9556	part	Handling & Test Fixtures	Strut, Transport Brace		SST 304		
H-9557	part	Handling & Test Fixtures	Spacer		SST 304		
H-9558	assy	Handling & Test Fixtures	Dewar Bracket Weldment, Transport Brace				
H-9559	part	Handling & Test Fixtures	Z-Gauge Bracket				
H-9560	part	Handling & Test Fixtures	Z-Gauge Plate				
H-9561	part	Handling & Test Fixtures	Pave DSUB Connector Leak Test Jig		aluminum		for testing suspect original Pave connectors
H-9562	part	Handling & Test Fixtures	Bracket, End Cap Assembly				
H-9563	part	Handling & Test Fixtures	Chamber Baffle Lift Knobs				
H-9564	part	Handling & Test Fixtures	Chamber Baffle Guide Pins				
H-9565	part	Handling & Test Fixtures	Chamber Baffle Assembly Shield				
H-9566	part	Handling & Test Fixtures	PreAmp Shell, Electronics Box				
H-9567	part	Handling & Test Fixtures	Rear Shell, Electronics Box				
H-9568	part	Handling & Test Fixtures	Heater Resistor/Temp Diode Solder Jig		aluminum		also used by Bob K. for diode calibration
H-9569	part	Handling & Test Fixturing	Test Dewar X-ray Ring Body		aluminum		to be adapted to HIRES2 for Bob K.
H-9570	part	Handling & Test Fixturing	x-ray source carrier ring		aluminum		inner carrier ring for H-9569
H-9571	part	Handling & Test Fixturing	Bumper				

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H-9572	part	Handling & Test Fixturing	x-ray source retainor ring		aluminum		to retain inner carrier ring H-9570
H-9573	part	Handling & Test Fixturing	x-ray source ring parts		various		bearings,spacers,magnets,arm,source for H-9570
H-9574	part	Handling & Test Fixturing	Plug Fixture				
H-9575	assy	Handling & Test Fixturing	Z-Gauge Plate Assembly				
H-9576	sketch	Handling & Test Fixturing	Rest Pad Shim				
H-9577	part	Handling & Test Fixturing	Pin Spreader				
H-9578	part	Handling & Test Fixturing	Optical Mask Shield				
H-9601	part	Miscellaneous	Spare Dewar Frame (Ford) H7214			As-Built Dimensions	pending
H-9602	assy	Miscellaneous	Ford Assembly as Aligned				
H-9603		Miscellaneous	Dewar/Frame Rotation Adjustment Resolution				
H-9604	various	Miscellaneous	CCD Mosaic Numbering & Orientation				
H-9605	various	Miscellaneous	Flex Circuit, CCD Interconnect Board	yes	see note		
H-9606	assy	Miscellaneous	Hermetic Connector Orientation				
H-9607-1	sketch	Miscellaneous	Coolant Schematic, Footlocker				
H-9607-2	sketch	Miscellaneous	Coolant Schematic, Footlocker				Alternate, for 1/2 lines
H-9608	various	Miscellaneous	Heat Exchanger Hose & Fittings				
H-9609	sketch	Miscellaneous	As-Built/Installed As-Measured Science Backplane				
H-9610		Miscellaneous	Comparison of New/Old Optics Contact with Darkslide Cone				
H-9611	sketch	Miscellaneous	Dewar O2 Fill/Purge Procedure				
H-9612	procedure	Miscellaneous	Dewar Electronics Disassembly Procedure				
H-9613	various	Miscellaneous	Dewar Flex Circuit, Type 2				
H-9651	part	Footlocker	61 Pin/MDR Adapter Faraday Box		aluminum		to adapt CCD controller to HIRES2 ribbon cable
H-9651-1	part	Footlocker	Faraday Box Short Spacer		white delrin		ckt board spacer
H-9651-2	part	Footlocker	Faraday Box Long Spacer		white delrin		ckt board spacer
H-9651-3	part	Footlocker	Faraday Box Foot		white delrin		for mechanical support against controller crate
H-9652	part	Footlocker	Adapter Faraday Box Lid		aluminum		both gold alodyned, both CNC'd, 5 assmby's total
H-9653	part	Footlocker	Corner				reserved for possible modifications
H-9654	part	Footlocker	Edge, Vertical				
H-9654-1	part	Footlocker	Edge, Vertical, Type A				
H-9654-2	part	Footlocker	Edge, Vertical, Type B				
H-9654-3	part	Footlocker	Edge, Vertical, Type, C				
H-9654-4	part	Footlocker	Edge, Vertical, Type D				
H-9655	part	Footlocker	Edge, Lateral, Short				
H-9655-1	part	Footlocker	Edge, Short Lateral, Type A				
H-9655-2	part	Footlocker	Edge, Short Lateral, Type B				
H-9656	part	Footlocker	Edge, Lateral, Long				
H-9656-1	part	Footlocker	Edge, Long Lateral, Type A				
H-9656-2	part	Footlocker	Edge, Long Lateral, Type B				
H-9656-3	part	Footlocker	Edge, Long Lateral, Type C				
H-9657	part	Footlocker	Corner				
H-9658	part	Footlocker	Fan Plate		aluminum		
H-9659	part	Footlocker	Plenum End		aluminum		
H-9660	part	Footlocker	Plenum Side		aluminum		
H-9661	assy	Footlocker	Vane Assembly		aluminum		
H-9662	part	Footlocker	Vane		aluminum		
H-9663	part	Footlocker	Vane Support		aluminum		
H-9664	assy	Footlocker	Pan Assembly				
H-9665	part	Footlocker	Pan				

P/N	type	category	Description	Dewar	Material	Overall Dimensions	Comments
H-9666	part	Footlocker	Heat Exchanger Support Bar				
H-9667	part	Footlocker	Heat Exchanger Support Brace				
H-9668	part	Footlocker	Brace, 1x1Tube, Fiberglass				
H-9669	part	Footlocker	Beam, 1x1 Tube, Aluminum				
H-9670	part	Footlocker	Rail, 1/2x1/2, Channel, Aluminum				
H-9671	part	Footlocker	Shelf, 1/2x1/2, Channel, Aluminum				
H-9672	part	Footlocker	Side Panel Seam				
H-9673	part	Footlocker	End Panel Seam				
H-9674	part	Footlocker	Corner Plate, Type A				
H-9675	part	Footlocker	Corner Plate, Type B				
H-9676	assy	Footlocker	Access Panel Assembly				
H-9676-1	part	Footlocker	Access Panel				
H-9677	assy	Footlocker	Near Side Top Panel Assembly				
H-9677-1	part	Footlocker	Near Side Top Panel				
H-9678	assy	Footlocker	Near Side Bottom Panel Assembly				
H-9678-1	part	Footlocker	Near Side Bottom Panel				
H-9678-2	assy	Footlocker	Hinge				
H-9679	assy	Footlocker	Dewar Top Panel Assembly				
H-9679-1	part	Footlocker	Dewar Top Panel				
H-9680	assy	Footlocker	Dewar Bottom Panel Assembly				
H-9680-1	part	Footlocker	Dewar Bottom Panel				
H-9681	assy	Footlocker	Far Side Panel Assembly				
H-9681-1	part	Footlocker	Far Side Panel				
H-9682	assy	Footlocker	Top Panel Assembly				
H-9682-1	part	Footlocker	Top Panel				
H-9683	assy	Footlocker	Bottom Panel Assembly				
H-9683-1	part	Footlocker	Bottom Panel				
H-9684	part	Footlocker	Brace, Support, Heat Exchanger				improved design by Jim Ward
H-9685	part	Footlocker	Bracket, Hanging Support				
H-9686-1	assy	Footlocker	Hose Assembly				
H-9686-2	assy	Footlocker	Hose Assembly				
H-9687	assy	Footlocker	Extender Hose Assembly				
H-9688	part	Footlocker	Interconnect Panel				
H-9689	part	Footlocker	Coolant Plate		aluminum		
H-9690	part	Footlocker	End Clamp, Resistor Heat Sink				
H-9691	part	Footlocker	Center Clamp, Resistor Heat Sink				
H-9692	part	Footlocker	Base, Resistor Heat Sink				
H-9693	assy	Footlocker	Resistor Heat Sink Assembly				
H-9953	part	Electronics Box	PreAmp Seam Brace		aluminum		replaces H-9470
H-9954	part	Electronics Box	Cable Strap Assembly, Analog Switch Board				
H-9955	part	Electronics Box	Circuit Board Clamps		aluminum		analog switchboard clamps, 3 each
H-9580	part	Handling & Test Fixtures	Plane Alignment Jig Riser #1		aluminum		
H-9581	part	Handling & Test Fixturing	Plane Alignment Jig Riser #2		aluminum		
H-9582	part	Handling & Test Fixturing	Plane Alignment Jig Frame Post		aluminum		
H-9583	part	Handling & Test Fixturing	Plane Alignment Jig Frame Post Flat		ground steel		
H-9579	part	Handling & Test Fixturing	Plane Alignment Jig Frame		aluminum		
H-9584	part	Handling & Test Fixturing	Plane Alignment Jig Indicator Block		aluminum		
H-9585	part	Handling & Test Fixturing	Pinhole Imaging Plate		aluminum		