

HIPO Drawing List

Document Number HI-Z01-02
FAA Project No. ST1217AC-T

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Date: 3/24/14

Checked by: 

Date: 3-25-14

Revision: 5.11

Revision History:

5.4	5/16/06	Add this cover page
5.5	6/30/06	Change HI-M02-18 and HI-A05-00 both to Rev. 3
5.6	3/11/08	Change HI-M01-19, HI-M03-01, HI-A02-00, HI-D06-00, and HI-P01-00
5.7	10/30/08	Mac Mini, Dell Display, CCD67, software safety changes
5.8	5/10/11	Tool-free fasteners (affects A05 and A06). Also A01-00 & A02-02. Added ECO column & ECOs for M0-00, P01-00, & P00-00
5.9	9/19/12	Update to reflect rev 4 of HI-M01-27
5.10	4/1/13	Updates to reflect aircraft power wiring changes, ICD updates, and 20A Circuit breakers
5.11	3/24/14	Correct revision number and date errors in HI-A06-01 introduced in Rev 5.8

HIPO Drawing List

Document No. HI-Z01-02 Rev. 5.11 - 3/24/2014

Drawing Number	Rev. No.	ECO Rev.	Number of Sheets	Drawing Title	From Assembly	Drawn By	Checked by	Checked Date	Approved by	Approved Date
A00 - Main Structure										
HI-A00-00	2		1	Main Structure Assembly	HI-P01-00	Dunham	Nye	9/28/05	Dunham	9/28/05
A01 - Mounting Plate										
HI-A01-00	2		2	HIPO Mounting Plate Assembly	HI-A00-00	Dunham	Nye	5/6/11	Dunham	5/6/11
HI-A01-01	2		1	Bulkhead Flange	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-02	1		1	Nut Insert 3/8-16	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-03	2		1	Special Cap 7/8-12	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-04	1		1	Nut Insert 1/4-20	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-05	2		1	Special Nut Insert	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-06	1		1	Instrument Window Cell	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-07	2		1	Instrument Window Retainer	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-08	2		1	Connector plate	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-09	1		1	Table Bracket Right and Left	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-10	1		1	Cover Angle Bracket	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-11	2		1	Lower Support Right and Left	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A01-12	1		1	Middle Support Right and Left	HI-A01-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A01-13	2		1	Upper Support Right and Left	HI-A01-00	Nye	Nye	9/28/05	Dunham	9/28/05
A02 - Optical Table										
HI-A02-00	3		1	Optical Table Assembly	HI-A00-00	Dunham	Nye	3/11/08	Dunham	3/11/08
HI-A02-01	2		3	Optical Table	HI-A02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A02-02	3		1	Cover Support Rod	HI-A02-00	Darwin	Nye	5/6/11	Dunham	5/6/11
HI-A02-03	1		1	Rectangular cover support	HI-A02-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A02-04	1		1	Vicor Wire Guard Bracket	HI-A02-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A02-05	2		1	Vicor Wire Guard Face	HI-A02-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A02-06	1		1	Plug Strip Bracket	HI-A02-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A02-07	2		1	Shutter Driver Bracket	HI-A02-00	Darwin	Nye	9/28/05	Dunham	9/28/05
A03 - Left Side Plate										
HI-A03-00	2		1	Left Side Plate Assembly	HI-A00-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-A03-01	2		1	Left Side Plate	HI-A03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A03-02	2		1	Left Leach Box Top Bracket	HI-A03-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A03-03	2		1	Left Leach Box Bottom Bracket	HI-A03-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A03-04	2		1	Left Side Bracket for Top Plate	HI-A03-00	Darwin	Nye	9/28/05	Dunham	9/28/05

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A04 - Right Side Plate										
HI-A04-00	2		1	Right Side Plate Assembly	HI-A00-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-A04-01	2		1	Right Side Plate	HI-A04-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-A04-02	2		1	Right Leach Box Top Bracket	HI-A04-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A04-03	2		1	Right Leach Box Bottom Bracket	HI-A04-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A04-04	2		1	Right Side Bracket for Top Plate	HI-A04-00	Darwin	Nye	9/28/05	Dunham	9/28/05
A05 - End Plate										
HI-A05-00	4		1	End Plate Assembly	HI-A00-00	Dunham	Nye	5/9/11	Dunham	5/10/11
HI-A05-01	2		1	End Plate	HI-A05-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A05-02	2		1	Blue Dewar Fill Cover	HI-A05-00	Darwin	Nye	5/6/11	Dunham	5/6/11
HI-A05-03	1		1	Connector plate	HI-A05-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A05-04	1		1	Support Block	HI-A05-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A05-05	1		1	Latch rod	HI-A05-00	Dunham	Nye	5/6/11	Dunham	5/6/11
HI-A05-06	1		1	Retaining Plate	HI-A05-00	Dunham	Nye	5/6/11	Dunham	5/6/11
A06 - Top of box										
HI-A06-00	3		1	Box Top Assembly	HI-A00-00	Dunham	Nye	5/9/11	Dunham	5/10/11
HI-A06-01	3		1	Optical Box Top	HI-A06-00	Nye	Nye	5/5/11	Dunham	5/5/11
HI-A06-02	1		1	Top Plate Cover	HI-A06-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A06-03	1		1	Quick Release Cover	HI-A06-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A06-04	1		1	Handle	HI-A06-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A06-05	1		1	Base Plate	HI-A06-00	Dunham	Nye	5/6/11	Dunham	5/6/11
HI-A06-06	1		1	Latch	HI-A06-00	Dunham	Nye	5/6/11	Dunham	5/6/11
A07 - FLITECAM Periscope										
HI-A07-00	2		7	FLITECAM Periscope Assembly	HI-A00-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-A07-01	2		1	Lower Flange	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-02	2		1	Lower Sleeve	HI-A07-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-A07-03	2		1	Lower Sleeve Support	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-04	2		1	Lower Pivot Block, Left	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-05	2		1	Lower Pivot Block, Right	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-06	1		1	Lower Pivot Bracket	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-07	1		1	Mirror Support	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-08	1		1	Hard Plug	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-09	1		1	Pivot Pin	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-10	2		1	Mirror Retainer	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05

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							by	Date	by	Date
A07 - FLITECAM Periscope, Continued										
HI-A07-11	1		1	Mirror Tilt Rod	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-12	2		1	Lower Tilt Rod Bracket	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-13	2		1	Spring Pin, Short	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-14	2		1	Spring Pin, Long	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-15	2		1	Micrometer Bracket	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-16	2		1	Micrometer Stop	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-17	1		1	Mirror Adjustment Lug	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-18	2		1	Upper Flange	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-19	1		1	Upper Sleeve	HI-A07-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-A07-20	2		1	Upper Sleeve Support	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-21	2		1	Upper Pivot Block, Left	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-22	2		1	Upper Pivot Block, Right	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-23	1		1	Upper Pivot Bracket	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-A07-24	2		1	Upper Tilt Rod Bracket	HI-A07-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-A07-25	1		1	Upper Hard Plug Support	HI-A07-00	Darwin	Nye	11/22/02	Dunham	11/22/02
B00 - Parts Installed On Aircraft										
HI-B01-01	2		1	FLITECAM Dummy Plate	HI-P00-00	Dunham	Nye	3/24/06	Dunham	3/24/06
B02 - Gate Valve Window										
HI-B02-00	5		1	Gate Valve Window Assembly	HI-P00-00	Dunham	Nye	3/24/06	Dunham	3/24/06
HI-B02-01	2		1	Gate Valve Window Cell	HI-B02-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-B02-02	2		1	Gate Valve Window Retainer	HI-B02-00	Dunham	Nye	9/28/05	Dunham	9/28/05
B03 - FLITECAM Support Bracket										
HI-B03-00	3		1	FLITECAM Support Bracket Assembly	HI-P00-00	Dunham	Nye	3/24/06	Dunham	3/24/06
HI-B03-01	2		1	Support Body	HI-B03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-B03-02	1		1	Adjustment Block	HI-B03-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-B03-03	2		1	Pivot Shaft	HI-B03-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-B03-04	1		1	Spherical Ring	HI-B03-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-B03-05	2		1	Isolation Disk	HI-B03-00	Darwin	Nye	9/28/05	Dunham	9/28/05
HI-B03-06	1		1	Isolation Insert	HI-B03-00	Darwin	Nye	11/22/02	Dunham	11/22/02
HI-B03-07	1		1	Special Washer	HI-B03-00	Darwin	Nye	11/22/02	Dunham	11/22/02

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C00 - Dewar Assembly Drawing										
HI-C00-00	4		6	Dewar Assembly	HI-P01-00	Dunham	Nye	3/30/05	Dunham	3/30/05
C01 - Outer Can										
HI-C01-01	2		1	Dewar Outer Can	HI-C00-00	Darwin	Nye	9/27/02	Dunham	9/30/02
C02 - Nitrogen Can, fill tubes & support										
HI-C02-00	3		5	Nitrogen Can Assembly	HI-C00-00	Dunham	Nye	3/30/05	Dunham	3/30/05
HI-C02-01	2		1	Nitrogen Can Work Surface	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-02	2		1	Nitrogen Can Cylinder	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-03	3		1	Nitrogen Can Top Plate	HI-C02-00	Darwin	Nye	5/23/02	Dunham	5/23/02
HI-C02-04	1		1	G10 Nitrogen Can Support Strap	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-05	2		1	Nitrogen Can SS-AI Washer	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-06	2		1	Nitrogen Fill Threaded Insert	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-07	2		1	Nitrogen Fill Threaded Straw	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-08	1		1	Nitrogen Fill Straw Tube	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-09	1		1	Nitrogen Fill Bottom Tube	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-10	1		1	Nitrogen Fill Bellows Section	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-11	1		1	Nitrogen Fill Top Tube	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-12	2		1	Nitrogen Fill Top Closeoff Plate	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-13	2		1	Nitrogen Fill QF16 Flange	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-14	2		1	Nitrogen Fill Tube Housing	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-15	1		1	Nitrogen Fill Teflon Sealing Ring	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C02-16	2		1	Nitrogen Fill Mating QF16 Flange	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-17	2		1	Nitrogen Fill QF16 Blankoff Plate	HI-C02-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C02-18	1		1	Nitrogen Fill Hose Adapter	HI-C02-00	Darwin	Nye	11/8/01	Dunham	11/8/01
C03 - Back Plate										
HI-C03-00	2		2	Dewar Back Plate Assembly	HI-C00-00	Dunham	Nye	9/27/02	Dunham	9/30/02
HI-C03-01	3		1	Dewar Back Plate	HI-C03-00	Darwin	Nye	9/29/02	Dunham	9/30/02
HI-C03-02	2		1	Vacuum Valve Interface	HI-C03-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C03-03	2		1	QF16 Vacuum Pump Port	HI-C03-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C03-04	2		1	Falloff Relief Port	HI-C03-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C03-05	2		1	Nitrogen Can Back Stop	HI-C03-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C03-06	2		1	G10 Strap Mounting Block	HI-C03-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C03-07	1		1	G10 Strap Mounting Clamp	HI-C03-00	Darwin	Nye	11/8/01	Dunham	11/8/01

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C04 - Front Plate										
HI-C04-00	3		2	Dewar Front Plate Assembly	HI-C00-00	Dunham	Nye	3/30/05	Dunham	3/30/05
HI-C04-01	4		3	Dewar Front Plate	HI-C04-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-C04-02	2		1	Nitrogen Can Front Stop	HI-C04-00	Darwin	Nye	3/22/02	Dunham	3/22/02
HI-C04-03	3		1	Dewar Window Retainer	HI-C04-00	Darwin	Nye	9/29/02	Dunham	9/30/02
HI-C04-04	1		1	BNC Connector Spacer	HI-C04-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C04-05	1		1	Cable Clamp, Small	HI-C04-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C04-06	1		1	Cable Clamp, Large	HI-C04-00	Darwin	Nye	11/8/01	Dunham	11/8/01
C05 - Mounting Plate										
HI-C05-00	2		1	Dewar Mounting Plate Assembly	HI-C00-00	Dunham	Nye	3/30/05	Dunham	3/30/05
HI-C05-01	4		1	Dewar Mounting Plate	HI-C05-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C05-02	3		1	Dewar Mounting Plate Front Bracket	HI-C05-00	Darwin	Nye	9/29/02	Dunham	9/30/02
HI-C05-03	4		1	Dewar Mounting Plate Back Bracket	HI-C05-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C05-04	3		1	Mounting Plate Spacer	HI-C05-00	Darwin	Nye	3/30/05	Dunham	3/30/05
C06 - Detector Mount										
HI-C06-00	5		1	Detector Mount Assembly	HI-C00-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-C06-01	5		1	Bottom of Milkstool	HI-C06-00	Darwin	Nye	10/28/08	Dunham	10/30/08
HI-C06-02	1		1	Milkstool leg	HI-C06-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C06-03	3		1	Top of Milkstool	HI-C06-00	Darwin	Nye	10/28/08	Dunham	10/30/08
HI-C06-04	2		1	CCD Intermediate Plate	HI-C06-00	Darwin	Nye	9/29/02	Dunham	9/30/02
HI-C06-05	3		1	CCD Cold Block 2	HI-C06-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C06-06	2		1	CCD Cold Block 1	HI-C06-00	Darwin	Nye	5/2/03	Dunham	5/2/03
HI-C06-07	2		1	CCD Package Clamp	HI-C06-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C06-08	1		1	PC Board Modifications	HI-C06-00	Darwin	Nye	11/8/01	Dunham	11/8/01
HI-C06-09	3		1	Cold Strap Top	HI-C06-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C06-10	2		1	Cold Strap Spring	HI-C06-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C06-11	3		1	Cold Strap Bottom	HI-C06-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C06-12	1		1	Short CCD67 Package Clamp	HI-C06-00	Dunham	Nye	7/24/08	Dunham	7/25/08
HI-C06-13	1		1	Long CCD67 Package Clamp	HI-C06-00	Dunham	Nye	7/24/08	Dunham	7/25/08
C07 - Cryopump										
HI-C07-00	2		1	Cryopump Assembly	HI-C00-00	Dunham	Nye	3/30/05	Dunham	3/30/05
HI-C07-01	3		1	Cryopump Base	HI-C07-00	Darwin	Nye	3/30/05	Dunham	3/30/05
HI-C07-02	3		1	Cryopump Cover	HI-C07-00	Darwin	Nye	3/30/05	Dunham	3/30/05

Drawing Number	Rev. No.	ECO Rev.	Number of Sheets	Drawing Title	From Assembly	Drawn By	Checked by Date		Approved by Date	
D00 - Optomechanical Assemblies - See HI-P01-00										
D01 - Filter Wheel										
HI-D01-00	2		2	Filter Wheel Assy.	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D01-01	2		1	Filter Wheel Spacer	HI-D01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D01-02	3		1	Base	HI-D01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D01-03	1		1	Body	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-04	2		1	Fiducial Rod	HI-D01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D01-05	1		1	Detant Slide	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-06	2		1	Detant Pin	HI-D01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D01-07	1		1	Mount (Detant)	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-08	1		1	Detant Arm	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-09	1		1	Filter Wheel	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-10	1		1	Filter Stop	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-11	1		1	Hartmann Cell	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-12	1		1	Retaining Ring	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-13	1		1	Steel Wedge	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-14	1		1	Filter Retainer	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-15	1		1	Hub	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-16	1		1	Connector Bracket	HI-D01-00	Nye	Dunham	1/22/03	Dunham	1/22/03
HI-D01-17	2		1	Motor Modification	HI-D01-00	Nye	Nye	9/28/05	Dunham	9/28/05
D02 - Focus Stage										
HI-D02-00	2		1	Focus Stage Assembly	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-01	2		1	Focus Stage Spacer	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-02	2		1	Base	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-03	1		1	Cover	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-04	1		1	Pupil Mask	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-05	2		1	Body	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-06	2		1	Pedestal	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-07	1		1	Adapter (Motor)	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-08	2		1	Motor Mount	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-09	1		1	Motor Stage	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-10	2		1	Stage Mount	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D02-11	1		1	Adapter (Stage)	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-12	1		1	Gear Stage (Modified)	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-13	1		1	Gear Motor (Modified)	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-14	1		1	Stage Melles Griot	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03

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D02 - Focus Stage, Continued										
HI-D02-15	1		1	Limit Switch Mount	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D02-16	1		1	Nut	HI-D02-00	Nye	Nye	6/4/03	Dunham	6/9/03
HI-D02-17	1		1	Connector Bracket	HI-D02-00	Nye	Nye	6/4/03	Dunham	6/9/03
HI-D02-18	1		1	Actuator	HI-D02-00	Nye	Dunham	6/7/03	Dunham	6/7/03
D03 - Dichroic Beamsplitter										
HI-D03-00	2		1	Dichroic Beamsplitter Assy	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D03-01	1		1	Dichroic Spacer (Center)	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-02	1		1	Dichroic Spacer (Side)	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-03	2		1	Pin	HI-D03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D03-04	1		1	Lug (Left Hand)	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-05	2		1	Pivot Pin	HI-D03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D03-06	2		1	Pivot Bracket	HI-D03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D03-07	1		1	Bracket Stop	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-08	1		1	Radius Bracket	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-09	1		1	Bracket	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-10	1		1	Mirror Support	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
HI-D03-11	2		1	Body	HI-D03-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D03-12	1		1	Lug (Right Hand)	HI-D03-00	Nye	Nye	2/18/03	Dunham	2/20/03
D04 - Blue Collimator 1										
HI-D04-00	2		1	Blue Collimator Assembly #1	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-01	2		1	Blue Collimator #1 Spacer	HI-D04-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-02	2		1	Blue Collimator #1 Base	HI-D04-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-03	2		1	Lens Mount #1	HI-D04-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-04	2		1	Lens Retainer #1	HI-D04-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-05	2		1	Lens Mount #2	HI-D04-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D04-06	1		1	Lens Retainer #2	HI-D04-00	Nye	Dunham	3/28/03	Dunham	3/28/03
HI-D04-07	1		1	Mirror Body	HI-D04-00	Nye	Dunham	3/28/03	Dunham	3/28/03
D05 - Blue Collimator 2										
HI-D05-00	1		1	Blue Collimator #2 Assembly	HI-P01-00	Nye	Dunham	4/14/03	Dunham	4/14/03
HI-D05-01	2		1	Spacer Element #3 & #4	HI-D05-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D05-02	2		1	Base Element #3 & #4	HI-D05-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D05-03	2		1	Lens Mount Element #3 & #4	HI-D05-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D05-04	1		1	Lens Spacer Element #3 & #4	HI-D05-00	Nye	Dunham	4/14/03	Dunham	4/14/03
HI-D05-05	1		1	Lens Retainer Element #3 & #4	HI-D05-00	Nye	Dunham	4/14/03	Dunham	4/14/03

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							by	Date	by	Date
D06 - Red Collimator										
HI-D06-00	3		1	Red Collimator Assy	HI-P01-00	Nye	Nye	3/11/08	Dunham	3/11/08
HI-D06-01	2		1	Red Collimator Spacer	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D06-02	3		1	Red Collimator Base	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D06-03	2		1	Lens Mount Element #1	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D06-04	1		1	Lens Retainer #1	HI-D06-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-D06-05	2		1	Lens Mount Elements #2 & 3	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D06-06	1		1	Lens Retainer #2	HI-D06-00	Nye	Dunham	11/22/02	Dunham	11/22/02
HI-D06-07	2		1	Lens Spacer	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D06-08	2		1	Mirror Body	HI-D06-00	Nye	Nye	9/28/05	Dunham	9/28/05
D07 - Red Fold Mirror										
HI-D07-00	2		1	Red Fold Mirror Assy	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D07-01	1		1	Red Fold Mirror Spacer (Center)	HI-D07-00	Nye	Nye	2/27/03	Dunham	2/27/03
HI-D07-02	1		1	Red Fold Mirror Spacer (Left)	HI-D07-00	Nye	Nye	2/27/03	Dunham	2/27/03
HI-D07-03	1		1	Red Fold Mirror Spacer (Right)	HI-D07-00	Nye	Nye	2/27/03	Dunham	2/27/03
HI-D07-04	1		1	Radius Bracket	HI-D07-00	Nye	Nye	2/27/03	Dunham	2/27/03
HI-D07-05	1		1	Mirror Support	HI-D07-00	Nye	Nye	2/27/03	Dunham	2/27/03
HI-D07-06	3		1	Body	HI-D07-00	Nye	Nye	9/28/05	Dunham	9/28/05
D08 - Blue Camera										
HI-D08-00	2		1	Blue Camera Assembly	HI-D02-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D08-01	2		1	Stop Plate	HI-D08-00	Nye	Dunham	3/29/05	Dunham	3/29/05
HI-D08-02	2		1	Body	HI-D08-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D08-03	2		1	Lug	HI-D08-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D08-04	1		1	Sleeve	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-05	1		1	Spacer #1	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-06	1		1	Spacer #2	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-07	1		1	Spacer #3	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-08	1		1	Spacer #4	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-09	1		1	Spacer #5	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-10	1		1	End Plate	HI-D08-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D08-11	1		1	Handle	HI-D08-00	Dunham	Nye	3/22/05	Dunham	3/22/05

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D09 - Red Camera										
HI-D09-00	2		1	Red Camera Assembly	HI-D02-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D09-01	2		1	Body	HI-D09-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D09-02	1		1	Spacer #1	HI-D09-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D09-03	1		1	Spacer #2	HI-D09-00	Nye	Dunham	6/7/03	Dunham	6/7/03
HI-D09-04	1		1	Spacer #3	HI-D09-00	Nye	Dunham	6/7/03	Dunham	6/7/03
D10 - Blue Pupil Viewing Lens										
HI-D10-00	2		1	Blue Pupil Viewing Lens Assy	HI-D02-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D10-01	2		1	Body	HI-D10-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D10-02	2		1	Spacer #1	HI-D10-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D10-03	1		1	Spacer #2	HI-D10-00	Nye	Dunham	7/10/03	Dunham	7/10/03
D11 - Red Pupil Viewing Lens										
HI-D11-00	2		1	Red Pupil Viewing Lens Assy	HI-D02-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D11-01	2		1	Body	HI-D11-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D11-02	1		1	Spacer #1	HI-D11-00	Nye	Dunham	7/10/03	Dunham	7/10/03
HI-D11-03	1		1	Spacer #2	HI-D11-00	Nye	Dunham	7/10/03	Dunham	7/10/03
HI-D11-04	1		1	Spacer #3	HI-D11-00	Nye	Dunham	7/10/03	Dunham	7/10/03
HI-D11-05	1		1	Spacer #4	HI-D11-00	Nye	Dunham	7/10/03	Dunham	7/10/03
HI-D11-06	2		1	Stop Plate	HI-D11-00	Nye	Dunham	3/22/05	Dunham	3/22/05
HI-D11-07	1		1	End Plate	HI-D11-00	Nye	Dunham	7/10/03	Dunham	7/10/03
D12 - Hartmann Beamsplitter										
HI-D12-00	2		1	Hartmann Beamsplitter Assy	HI-P01-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-01	2		1	Spacer	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-02	2		1	Base Plate	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-03	1		1	Shaft	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-04	2		1	Body Spacer	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-05	1		1	Top Plate	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-06	1		1	Detant Disc	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-07	1		1	Bracket	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-08	2		1	Retainer	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-09	1		1	Pad	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-10	2		1	Yoke	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-11	1		1	Shelf	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-12	1		1	Bar	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-13	2		1	Plunger Base	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-14	2		1	Pin	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05

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D12 - Hartmann Beamsplitter, Continued										
HI-D12-15	2		1	Detant	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-16	1		1	Knob	HI-D12-00	Nye	Dunham	7/18/03	Dunham	7/18/03
HI-D12-17	2		1	Connector Bracket	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
HI-D12-18	2		1	LED Holder	HI-D12-00	Nye	Nye	9/28/05	Dunham	9/28/05
D13 - High Resolution Pupil Viewing										
HI-D13-00	1		1	High Res. Pupil Viewing Assy	HI-P01-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-D13-01	1		1	Hi-Res PV Mounting Plate	HI-D13-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-D13-02	1		1	Hi-Res PV Lens Spacer	HI-D13-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-D13-03	2		1	Hi-Res PV Lens Cell	HI-D13-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-D13-04	1		1	Hi-Res PV Lens Retainer	HI-D13-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-D13-05	2		1	Hi-Res PV Focus Spacer	HI-D13-00	Dunham	Nye	9/28/05	Dunham	9/28/05
F00 - Instrument Electronics, Mech. See HI-A02-00, HI-A03-00, and HI-A04-00										
HI-F01-01	1		1	Plug Strip Modification	HI-A02-00	Dunham	Nye	11/22/02	Dunham	11/22/02
F02 - Media Converter Modification										
HI-F02-00	1		1	Media Converter Mod. Assy (HI-A03-00, -04-00)	See Left	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-F02-01	1		1	Media Converter Modification	HI-F02-00	Dunham	Nye	11/22/02	Dunham	11/22/02
F03 - Motor Driver Box Modification										
HI-F03-00	1		1	Motor Driver Mod. Assy (HI-A03-00, -04-00)	See Left	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-F03-01	1		1	Motor Driver Box Top	HI-F03-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-F03-02	1		1	Motor Driver Box Bottom	HI-F03-00	Dunham	Nye	11/22/02	Dunham	11/22/02
F04 - Instrument Electronics Mod.										
HI-F04-00	2		1	PC104 Electronics Mod. Assy.	HI-A02-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-F04-01	2		1	PC104 Electronics Top Mod	HI-F04-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-F04-02	1		1	PC104 Electronics Bottom Mod	HI-F04-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-F04-03	1		1	PC104 Electronics Spacer Mod	HI-F04-00	Dunham	Nye	11/22/02	Dunham	11/22/02
F05 - Leach Box Modification										
HI-F05-00	2		1	Leach Box Mod. Assy. (HI-A03-00, -04-00)	See Left	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-F05-01	2		1	Leach Box End Plate Mod.	HI-F05-00	Dunham	Nye	9/28/05	Dunham	9/28/05
F06 - LED Bracket										
HI-F06-00	2		1	LED Bracket Assembly	HI-P01-00	Dunham	Nye	3/24/06	Dunham	3/24/06
HI-F06-01	1		1	LED Bracket	HI-F06-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-F06-02	1		1	LED Bracket Post	HI-F06-00	Dunham	Nye	2/20/04	Dunham	2/20/04

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G00 - Rack Electronics, Mechanical										
HI-G00-00	3		6	HIPO SI Rack Assy	HI-P00-00	Dunham	Nye	10/28/08	Dunham	10/30/08
G01 - Power Distribution Box										
HI-G01-00	4		2	Power Distribution Box Assy	HI-G00-00	Dunham	Nye	4/1/13	Dunham	4/1/13
HI-G01-01	2		1	Power Box Front Panel	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-02	2		1	Power Box Back Panel	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-03	2		1	Power Box Side Panel	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-04	2		1	Power Box Top Panel	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-05	2		1	Power Box Bottom Panel	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-06	2		1	Power Box Back Angle	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-07	2		1	Power Box Square Bar	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-08	2		1	Plug Strip Mounting Strip	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-09	2		1	Transformer Bottom Support	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G01-10	2		1	Transformer Retainer	HI-G01-00	Dunham	Nye	3/1/05	Dunham	3/1/05
G02 - GPS Interface Box										
HI-G02-00	2		1	GPS Interface Box Assy	HI-G05-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G02-01	1		1	GPS Interface Box Modification	HI-G02-00	Dunham	Nye	2/20/04	Dunham	2/20/04
G03 - Generic Tray										
HI-G03-00	2		1	Generic Tray Assembly	HI-G00-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G03-01	1		1	Generic Tray Plate	HI-G03-00	Dunham	Nye	3/3/04	Dunham	3/3/04
HI-G03-02	1		1	Tray Edge Support	HI-G03-00	Dunham	Nye	3/3/04	Dunham	3/3/04
HI-G03-03	2		1	Tray End Bracket, LH	HI-G03-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G03-04	1		1	Tray End Bracket, RH	HI-G03-00	Dunham	Nye	3/1/05	Dunham	3/1/05
G04 - Netra Tray										
HI-G04-00	4		2	Netra Tray Assembly	HI-G00-00	Dunham	Nye	10/28/08	Dunham	10/30/08
HI-G04-01	2		1	Netra Tray Modifications	HI-G04-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G04-02	2		1	Netra Rear Bracket L&R	HI-G04-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G04-03	2		1	Netra Mounting Bracket	HI-G04-00	Dunham	Nye	3/1/05	Dunham	3/1/05
G05 - GPS/Switch Tray										
HI-G05-00	4		2	GPS/Switch Tray Assembly	HI-G00-00	Dunham	Nye	3/24/06	Dunham	3/24/06
HI-G05-01	2		1	GPS/Switch Tray Modifications	HI-G05-00	Dunham	Nye	4/10/04	Dunham	4/10/04
G06 - Serial Patch Panel										
HI-G06-00	2		2	Serial Patch Panel Assembly	HI-G00-00	Dunham	Nye	3/24/06	Dunham	3/24/06
HI-G06-01	1		1	Front Plate	HI-G06-00	Dunham	Nye	2/20/04	Dunham	2/20/04
HI-G06-02	1		1	Back Plate	HI-G06-00	Dunham	Nye	2/20/04	Dunham	2/20/04

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G07 - Flat Panel Display										
HI-G07-00	4		2	Flat Panel Display Assembly	HI-G00-00	Dunham	Nye	10/28/08	Dunham	10/30/08
HI-G07-01	1		1	Flat Panel Display Tray Modifications	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-02	1		1	Flat Panel Display Rail	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-03	1		1	Containment Corner, Left	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-04	1		1	Containment Corner, Right	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-05	1		1	Flat Panel Display Slide	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-06	2		1	Vertical Extension	HI-G07-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G07-07	1		1	Transformer Clamp	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-08	2		1	Flat Panel Display Arm	HI-G07-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G07-09	1		1	Latch Bracket	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-10	1		1	Swivel Latch	HI-G07-00	Dunham	Nye	7/20/04	Dunham	7/20/04
HI-G07-11	3		1	Spring Pin Barrel	HI-G07-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-G07-12	2		1	Spring Lock Knob	HI-G07-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G07-13	2		1	Spring Pin	HI-G07-00	Dunham	Nye	9/28/05	Dunham	9/28/05
HI-G07-14	1		1	Dell Containment Corner, Left Rear	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G07-15	1		1	Dell Containment Corner, Right Rear	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G07-16	1		1	Dell Containment Corner, Left Front	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G07-17	1		1	Dell Containment Corner, Right Front	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G07-18	1		1	Dell Vertical Extension, Left & Right	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G07-19	1		1	Dell Latch Bracket	HI-G07-00	Dunham	Nye	8/20/08	Dunham	8/20/08
G08 - Keyboard Tray										
HI-G08-00	3		2	Keyboard Tray Assy, Right & Left	HI-G00-00	Dunham	Nye	10/28/08	Dunham	10/30/08
HI-G08-01	2		1	Extended Tray Plate	HI-G08-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G08-02	1		1	First Panel, Right & Left	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-03	1		1	Second Panel, Right & Left	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-04	1		1	Deep Hinge, Left	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-05	1		1	Deep Hinge, Right	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-06	1		1	Hinge, Left	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-07	1		1	Hinge, Right	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-08	1		1	Short Stiffener	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-09	1		1	Long Stiffener 1	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-10	1		1	Long Stiffener 2	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-11	1		1	Angled Stiffener	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-12	1		1	Latch Pin Base	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-13	1		1	Latch Pin	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-14	2		1	Keyboard Restraint	HI-G08-00	Dunham	Nye	3/1/05	Dunham	3/1/05
HI-G08-15	1		1	Mouse Restraint	HI-G08-00	Dunham	Nye	1/11/05	Dunham	1/12/05
HI-G08-16	1		1	Mac Mini Bracket	HI-G08-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G08-17	1		1	Mac Mini Clamp	HI-G08-00	Dunham	Nye	8/20/08	Dunham	8/20/08
HI-G08-18	1		1	Strain Relief	HI-G08-00	Dunham	Nye	8/20/08	Dunham	8/20/08

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G09 - Fiber Patch Panel										
HI-G09-01	1		1	Fiber Patch Panel	HI-G00-00	Dunham	Nye	2/3/06	Dunham	2/3/06
H01 - Collimator Lenses										
HI-H01-01	4		1	Blue Collimator Element 1	HI-D04-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-02	4		1	Blue Collimator Element 2	HI-D04-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-03	4		1	Blue Collimator Element 3	HI-D05-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-04	4		1	Blue Collimator Element 4	HI-D05-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-05	3		1	Red Collimator Element 1	HI-D06-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-06	3		1	Red Collimator Element 2	HI-D06-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H01-07	4		1	Red Collimator Element 3	HI-D06-00	Dunham	Nye	11/22/02	Dunham	11/22/02
H02 - Camera Lenses										
HI-H02-01	3		1	Blue Camera Element 1	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-02	3		1	Blue Camera Element 2	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-03	3		1	Blue Camera Element 3	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-04	3		1	Blue Camera Element 4	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-05	3		1	Blue Camera Element 5	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-06	3		1	Blue Camera Element 6	HI-D08-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-07	3		1	Red Camera Element 1	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-08	3		1	Red Camera Element 2	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-09	3		1	Red Camera Element 3	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-10	2		1	Red Camera Element 4	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-11	2		1	Red Camera Element 5	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H02-12	3		1	Red Camera Element 6	HI-D09-00	Dunham	Nye	11/22/02	Dunham	11/22/02
H03 - Windows, Mirrors, and Beamsplitters										
HI-H03-01	2		1	Gate Valve Window	HI-B02-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H03-02	3		1	Entrance Window	HI-A01-00	Dunham	Nye	4/5/05	Dunham	4/5/05
HI-H03-03	2		1	Beamsplitter (used in HI-A07-00, -D03-00, -D06-00)	See Left	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H03-04	2		1	Blue Fold Mirror	HI-D04-00	Dunham	Nye	11/22/02	Dunham	11/22/02
HI-H03-05	2		1	Red Fold Mirror	HI-D07-00	Dunham	Nye	11/22/02	Dunham	11/22/02

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M00 - Electronics										
HI-M00-00	4		2	Top-Level Wiring Diagram	HI-P01-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M00-01	4		1	Top-Level Grounding & Shielding	HI-M00-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M00-02	3		1	Instrument Cable List	HI-M00-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M00-03	4		1	PI Rack Cable List	HI-M00-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
M01 - Instrument Mounted Electronics										
HI-M01-00	4		2	Instrument Electronics Wiring	HI-M00-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M01-01	2		1	AC To Patch Panel Cable	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-02	2		1	AC Power Cable	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-03	2		1	AC Vicor Power Cable	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-04	2		1	Vicor Wire Guard Wiring	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-05	2		1	RTD DC Power	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-06	2		1	External DC Power	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-07	2		1	Internal DC Power	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-08	2		1	Media Converter Power	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-09	1		1	ST-ST Fiber Optic Cable	HI-M01-00	Dunham	Oliver	6/23/03	Dunham	6/23/03
HI-M01-10	2		1	Cat5 10Base-T Cable	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-11	2		1	CCD Trigger	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-12	2		1	TTL Shutter Trigger	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-13	2		1	Chop_Sync_In	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-14	2		1	Shutter Drive & 1Hz LED External	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-15	2		1	Shutter Drive & 1Hz LED Internal	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-16	2		1	External RS-485	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-17	2		1	Internal RS-485	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-18	2		1	RS-485 Jumper	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-19	3		3	CCD Cable	HI-M01-00	Dunham	Oliver	3/10/08	Dunham	3/10/08
HI-M01-20	2		1	R/S Analog I/O	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-21	2		1	Test LED Control External	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-22	2		1	Test LED Control Internal	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-23	2		1	Stepping Motor Drive Lines	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-24	2		1	Limit Switch Lines	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-25	2		1	Filter Wheel Control	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-26	2		1	Chop_Phase_Out	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M01-27	4		1	Safety Ground Wires	HI-M01-00	Dunham	Oliver	8/14/12	Dunham	8/14/12

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M02 - Rack Mounted Electronics										
HI-M02-00	5		1	Rack Electronics Wiring	HI-M00-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M02-01	2		1	AC FC Power to Patch Panel	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-02	2		1	AC UPS Power to Patch Panel	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-03	2		1	AC Power Cable to SI	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-04	2		1	AC Power Strip Cable	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-05	3		1	AC Power Cable	HI-M02-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M02-06	2		1	LCD DC Power Cable	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-07	2		1	Media Converter DC Power Cable	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-08	2		1	Coax/BNC	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-09	1		1	Fiber	HI-M02-00	Dunham	Oliver	6/23/03	Dunham	6/23/03
HI-M02-10	3		1	Cat5 Network Cable	HI-M02-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M02-11	2		1	GPS Antenna Cable	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-12	2		1	GPS Serial 2	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-13	2		1	Netra to PC Serial	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-14	2		1	Network Switch Serial Line	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-15	3		1	GPS Serial 1	HI-M02-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M02-16	2		1	Netra to Serial Patch Panel	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-17	2		1	Netra Serial Crossover Cable	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M02-18	3		1	Safety Ground Wires	HI-M02-00	Dunham	Oliver	6/29/06	Dunham	6/29/06
HI-M02-19	1		1	Mac Mini AC Power Cable	HI-M02-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M02-20	1		1	Mac Mini DC Power Cable	HI-M02-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
M03 - Box Schematics										
HI-M03-01	3		1	PC104 Interface Board	HI-M01-00	Dunham	Oliver	3/10/08	Dunham	3/10/08
HI-M03-02	3		1	Utility Board Interface	HI-M01-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M03-03	2		1	GPS Interface Wiring	HI-M02-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-04	3		1	Motor Driver Box Wiring	HI-M01-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M03-05	2		1	Leach Box Internal Wiring Mods	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-06	3		1	Dewar Internal Wiring	HI-M01-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
HI-M03-07	2		1	Filter Wheel Wiring	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-08	2		1	Focus Stage Wiring	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-09	2		1	Shack-Hartmann Jig Wiring	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-10	2		1	LED Bracket Wiring	HI-M01-00	Dunham	Oliver	3/31/06	Dunham	3/31/06
HI-M03-11	3		1	HIPO Power Distribution Box	HI-M02-00	Dunham	Oliver	4/1/13	Dunham	4/1/13
HI-M03-12	1		1	CCD67 Dewar Internal Wiring	HI-M01-00	Dunham	Oliver	10/30/08	Dunham	10/30/08
M04 - PC Board Layouts										
HI-M04-01	2		1	PC104 Interface Board Layout	HI-M01-00	Oliver	Oliver	3/31/06	Dunham	3/31/06
HI-M04-02	2		1	Utility Board Interface Layout	HI-M01-00	Oliver	Oliver	3/31/06	Dunham	3/31/06

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P00 - HIPO Installation										
HI-P00-00	4	1	5	HIPO Installation	N/A	Dunham	Nye	10/28/08	Dunham	10/30/08
P01 - HIPO Assembly										
HI-P01-00	5	1	9	HIPO Assembly	HI-P00-00	Dunham	Nye	10/30/08	Dunham	10/30/08