

Originator	Cognizant Engineer	Ext./Phone#	Project	Account Number
Derek Bridges	Derek Bridges	225-686-3189	HLTS	

Dwg/Part Number	Rev	Part Description / Material	Serial Number	Qty
D020615	C	HLTS Lower Blade (Maraging Steel C250)	001-004	4
D020617	C	HLTS Upper Blade (Maraging Steel C250)	001-008	8
D020622	A	Blade Clamp, Upper Blade, Inside (SSTL)	001-004	4
D020601	A	Blade Clamp, Upper Blade, Outside (SSTL)	001-004	4
D070331	A	Shim, Upper Blade (SSTL)	001-004	4
D080268	V1	Base Plate, Upper Blade Bake Fixture (SSTL)	001	1
D070558	V1	Side Support (SSTL)	001-002	2
D080267	V1	Top Bridge, Upper Blade Bake Fixture (SSTL)	001	1
83685T16	-	Leveling Mount Feet (McMaster Carr P/N) (SSTL)	-	5
1185-5EN469	-	Helicoil, 5/16-18 X 0.469 Long (AirHardware P/N) (Nitronic 60)	-	25
-	-	SHCS, #8-32 X 0.75 Long (SSTL)	-	100
1185-4EN250	-	Helicoil, 1/4-20 X 0.250 Long (AirHardware P/N) (Nitronic 60)	-	66
NAS 620-C8L	-	Washer, Flat, #8 (SSTL)	-	250
-	-	Jam Nut, 1/4-20 (SSTL)	-	200
-	-	SHCS, 1/4-20 X 1.5 Long (SSTL)	-	50
NAS 1149-C516L	-	Washer, Flat, 5/16 (SSTL)	-	100
-	-	SHCS, 5/16-18 X 1.75 Long (Ag-Plated SSTL)	-	8

Used In (next higher assembly): HAM Large Triple Suspension (HLTS) prototype

Vendor Name	PO/Contract Number

Data Package, Receiving/Inspection Remarks:

Inspection Required Y/N	Visual Damage Y/N	Comments	Name/ Initials	Date Comp.

N.B.: A copy of this traveller must be submitted to the DCC each time the original is shipped with the associated part(s) and when the traveller has been completed.

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
1	Clean					
2	Assembly of Upper Blade Bake Fixture					
2	Vacuum Bake					
3	Control Point			Review/Approve RGA scan		
4	Wrap & Tag vacuum clean parts					
5	Ship and Deliver/File paperwork			Please send to: File one copy of traveler with the DCC. Note: Ship original traveler with these parts.		

END: Go to Traveler or procedure associated with next higher assembly processing

Special Instructions (Handling/Packaging Constraints, Remarks, etc.) or Notes:

Parts are for the HLTS prototype – they are not to be entered into the Advanced LIGO inventory system and are to be always kept separate from production Advanced LIGO parts.

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