

LAT MGSE Status Tracking Matrix

LAT I&T MGSE Item	Stress Analysis		Design - Drafting			Procurement		Assembly		Ready / Comments
	Status	Report	Modeled	Detailed	Released	Ordered	In-House	Status	Proof Test	
4x4 Integration Stand										96 Dwgs Total
4x4 Rotation / Support Stand	√	Jun 08	√	90%	√ May 06	85%	Jun 23 ?			(44 Dwg Sheets Released)
Personnel Access Platforms		Jun 08	65%	15%	May 21	50%	Jun 15			(41 dwgs)
Grid Perimeter Ring - Brackets	√	Jun 08	√	99%	May 13		Jun 22			
Support Shaft - Flange Assemblies	√	Jun 08	√	99%	May 18	50%	Jun 22			5 dwgs
Z Axis Up Lift Fixture		Jun 08			May 14					12 Dwgs
Z Axis Up Lift Spreader	√		√	98%			Jun 29			
Z Axis Up Tension Rod Assemblies			√	98%		20%	Jun 29			
Z Axis Horizontal Lift Fixture		Jun 08			May 20					9 Dwgs
Z Axis Horizontal Lift Spreader	√		√	98%			At SLAC			1019 Material Approved by Stress
Z Axis Horizontal Shackles	√		√	98%		30%	At SLAC			
Crane Scale Height Modification	√	Jun 08	√	98%	May 13	30%	Jun 15			3 Dwgs; Vendor Identified
4x4 MGSE Proof Test Assemblies		Jun 08			TBD		Jun 29			90% of Material at SLAC
CAL -Z Up Lift Fixture	√		√	√	√	√	√	√	√	Complete
CAL Alignment Tool	√		√	√		√	√	√	n/a	Complete
CAL Alignment Rods	√		√	√		90%				2 Dwgs
CAL Inversion Stand / Interface	√		√	√	√	√	√	√	√	Final Shaft in Machining
E-Box Shimming										
Metrology Bay with Stand	n/a		√	√	√	√			n/a	At SLAC and Inspection Complete
Clamps, Align Rods, Lift Eyes, etc	n/a		√	√	√	√	√		n/a	Clamps complete

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TWR Mass Simulators	√	Jun 08	√	99%	May 13		Jun 22		n/a	Dwg in DCN by May 07 ?
EM-2 Single Bay (TKR Interface Plate)	√	n/a							n/a	3 weeks from TKR IF Def'n 2 Dwgs
1x4 Lift Fixture		Jun 08			May 21					10 dwgs
1x4 Lift Spreader	√		√	80%			Jun 22			
1x4 Tension Rod Assemblies			√	80%		20%	Jun 22			
TKR - TKR No Touch at Ascent Tool									n/a	1 Dwg
4x4 Horiz Braces / Counter Wt Support			80%							
Menning Plate Installation Equipment									n/a	
Interim E-Box Support Brackets									n/a	
ACD Low Profile Integration Stand										
Lift Spreader Storage Brackets			30%						n/a	
Lift Spreader Transport Boxes									n/a	
LAT Transport Container	50%									
LAT EMI Test Stand										
LAT Sine-Vibe Test Interface										
LAT T-Vac Test Stand										

Total Drawing Sheet Count 146. 44 Drawing sheets have been released. PAP and Lift Fixture Drawings Anticipated for release in two weeks.