

## 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	
<b>4x4 Integration Stand</b>										96 Dwgs Total
4x4 Rotation / Support Stand	√		√	90%		75%	Jun 15			(55 dwgs)
Personnel Access Platforms			65%	15%		30%	Jun 15			(41 dwgs)
Grid Perimeter Ring - Brackets	√		√	99%			Jun 22			6 dwgs
Support Shaft - Flange Assemblies	√		√	99%		50%	Jun 22			5 dwgs
<b>Z Axis Up Lift Fixture</b>										12 Dwgs
Z Axis Up Lift Spreader	√		√	98%			Jun 29			
Z Axis Up Tension Rod Assemblies			√	98%		20%	Jun 29			
<b>Z Axis Horizontal Lift Fixture</b>										9 Dwgs
Z Axis Horizontal Lift Spreader	√		√	98%						
Z Axis Horizontal Shackles	√		√	98%		30%				
<b>Crane Scale Height Modification</b>	√		√	98%		30%	May 19			3 Dwgs
<b>4x4 MGSE Proof Test Assemblies</b>							Jun 29			
<b>CAL -Z Up Lift Fixture</b>	√		√	√	√	√	√	√	√	Complete
<b>CAL Alignment Tool</b>	√		√	√		√	√	√	n/a	Complete
<b>CAL Alignment Rods</b>	√		√	√		90%				2 Dwgs
<b>CAL Inversion Stand / Interface</b>	√		√	√	√	√	√	√	√	Final Shaft in Machining
<b>E-Box Shimming</b>										
Metrology Bay with Stand	n/a		√	√	√	√			n/a	Shipped Apr. 14
Clamps, Align Rods, Lift Eyes, etc	n/a		√	√	√	√	90%		n/a	Clamps in Anodize

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TWR Mass Simulators	√	√	√	99%			Jun 22		n/a	
EM-2 Single Bay (TKR Interface Plate)	√	n/a							n/a	3 weeks from TKR IF Def'n
1x4 Lift Fixture										2 Dwgs
1x4 Lift Spreader	√		√	80%			Jun 22			10 dwgs
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			10%						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