

KSC LIST OF NON-LOAD TEST SLINGS

(Last updated 14 December 2012)

This list documents those KSC slings and rigging that do not require periodic load testing per NASA-STD-8719.9, Standard for Lifting Devices and Equipment, and KNPR 8715.3, KSC Safety Practices Procedural Requirements.

KNPR 8715.3 specific requirements: Program/project or directorate organizations having design, procurement, operations, and maintenance of lifting equipment slings are responsible for submitting requests for changes to the LDEM, with rationale, to the list of non-load test slings. The LDEM will approve/disapprove changes to the list. Requests for additions to the list shall state why the periodic load test will not be performed and should include the following:

1. Design standard(s).
2. Design safety factor(s).
3. Rated load versus actual load.
4. Test history.
5. Operations history.
6. Planned future use.
7. Material/construction properties.
8. Storage provisions.
9. Maintenance performed.
10. Other information that is acceptance rationale to not perform the periodic load test.

PAYLOADS MECHANICAL GSE

IDENTIFICATION

NOMENCLATURE

AB-800	Pump Module Spreader Beam
GH5-00547	Cargo Element Lifting Assembly (All Load Tested Items on Drawings 82K03175 and 82K03181)
GH5-00717	Cargo Element Extension Kit Hoist Rings
TD-1F80519-1SF2-1	Support, Install – SASA
TD-1F80519-1SF2-7	Spreader Bar, Support, Install – SASA
TD-1F80519-1SF2-9	Lifting Sling - SASA
TD-1F80519-1SF2-11	Bracket, Clamp – SASA Sling Assembly
TD-1F83000-1HFHT1	Handling Fixture Hoist Tool SARJ Installation (less -19 cable assemblies)
TD-1F96000-1	Acoustic Test Fixture N2, NH3, PMA Pallet Assy
TD-1F96100-1	Lift Fixture Pump Module
T580664-MTE-501	S/A Dolly Sling Assembly
T580679-MTE-501	PV Array Sling Assembly
T580680-MTE-501	PV Array Wing Strongback
T-5850032	Battery ORU H-Frame
T-5850070	Battery Charge/Discharge Unit H-Frame
T-5850070	DC Switch Unit H-Frame
T-5850070	Pump Flow and Control Subassembly H-Frame
T-5850071	DC to DC Converter Unit H-Frame
T-5850135	ORU Box & Fin Protection Fixture H-Frame
T-5850136	DC to DC Converter Unit & Fin Protection Fixture H-Frame
T-8310013	Platform ORU H-Frame
1F51678	KU Antenna Lift Sling

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PAYLOADS MECHANICAL GSE (Continued)

IDENTIFICATION

NOMENCLATURE

1J00630	Common Lift Beam
5839153-501-11H-01	UTA Sling Assembly
5849595	FHRC Lifting Fixture
82K07407	PMN GH5-01006 HUB Brackets
82K06034-1	Rotation Handling Fixture
82K06034-4	Breakover Beam
82K06034-6	RHF Yoke
82K06034-6 (40B1)	RHF Spreader Beam
82K06034-6 (G-2130)	RHF 25 Ton Shackle
82K06034-15	RHF Adapter Beam
82K06034-16	RHF Adapter Beam
82K06034-8	Single Lift Spreader Beam
82K06034-42L1	FWD Rotation Beam Link
82K06744-2	S – Band Antenna Support Assembly Lifting Sling
82K06744-4	S – Band Antenna Strut Assembly
82K06757-1	UHF Antenna Lifting Sling Assy
82K06878	Hoisting Frame Assembly, Resupply Stowage Platform
82K07145	FRAM ORU Lift Sling Assembly
82K07346-1	Large ORU Lifting Sling
82K07347-1	LON ORU Bracketry
82K07347-2	LON ORU Bracketry
82K07347-3	LON ORU Bracketry
82K07548-1	Asile-Side Stowage Adapter Heat Exchanger Assembly
82K07548-3	Asile-Side Stowage Adapter M03 Bag Assy
82K07548-11	Asile-Side Stowage Adapter Turnbuckles
82K07548-13	Asile-Side Stowage Adapter Swivel Hoist Rings
82K07548-21	Asile-Side Stowage Adapter Shackles
9070400	LRU Handling Adapter
9070401	OPF (ORU) Lift Beam
TD-1F27318-1-SF3	NTA Special Lifting Fixture
1C86204	NTA Container Lid
1C86205	Container, Pump Module Assembly
TD-1F27318-1SF2	Special Fixture Pump Module
P/N 5847399 (all serial numbers)	Flex Hose Rotary Coupler (FHRC) Shipping Container

OTHER SLINGS

SFOC HE	Heavy Equipment General Purpose Rigging
SFOC Load Test Shop	Load Test Shop Rigging
95K01160	VAB Extensible Platform Lifting Sling Assembly