

FAILURE MODES AND EFFECTS ANALYSIS

ASSY NOMENCLATURE: CONTAINER ASSEMBLY
 ASSY PIN: SK1102400007

SYSTEM: CREW ESCAPE SYSTEM
 SUBSYSTEM: PERSONAL PARACHUTE ASSEMBLY

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NAME AND DRAWING	FUNCTION	FAILURE MODE AND CAUSE	MISSION PHASE	FAILURE EFFECT ON			FAILURE DETECTION		CORRECTIVE ACTION TIME AVAILABLE FOR REQUIRED	CRIT. ISE	HAZARDS/REMARKS
				END ITEM	MISSION	CREW/VEHICLE	FIELD	GROUND			
10 CONTAINER ASSY. SK1102400007	Provide parachute packaging with dimensions such as to replace the normal seal back cushion										
11 CONTAINER LEG STRAP ATTACHMENT POINT SK1102400107	Provides attachment to the harness via leg support	11.1 Mode: Triangular ring or webbing tears Cause: • Excessive loads • Defective material	Bailout/ descent	Possible inability to clear Orbiter due to improper orientation of crewmember	N/A*	Possible loss of life	Visual	None		101	*See ground rules
11 WEBBING ASSY. SK1102400007	Provides attachment points for the main parachute cover bag	11.1 Mode: Grommets/ material tear away from webbing Cause: • Defective material • Excessive load	Bailout/ descent	Possible fouling of main if more than four grommets tear away	N/A*	Possible loss of life if main chute fails to deploy	Visual	None		101	*See ground rules For this resulting in OIR

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 ATTACHMENT
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