

# FAILURE MODES AND EFFECTS ANALYSIS

ASSY NOMENCLATURE: PARACHUTE HARNESS  
ASSY P/N: SK818245883

SYSTEM: CREW ESCAPE SYSTEM  
SUBSYSTEM: PERSONAL PARACHUTE ASSEMBLY

REV: \_\_\_\_\_  
DATE: \_\_\_\_\_ PAGE 11 OF 22

NAME AND DRAWING	FUNCTION	FAILURE MODE AND CAUSE	MISSION PHASE	FAILURE EFFECT ON			FAILURE DETECTION		CORRECTIVE ACTION TIME AVAILABLE: TIME REQUIRED	CRIT. EFF.	HAZARDS/REMARKS
				END ITEM	MISSION	CREW/VEHICLE	FLIGHT	GROUND			
78 PARACHUTE HARNESS SK818245883	Support crewmember during extraction and provide interface for oxygen subsystem										
79 SEAWARD	SEAWARD provides automatic main chute release upon water entry	7.1.8 Mode: SEAWARD leads to release main chute after water entry  Cause: o Contamination o Circuit failure o Defective material	Recovery	Main chute remains connected to parachute harness	N/A	Possible loss of life if manual release fails or unable to cut suspension lines	Visual		Manually release to cut suspension lines  1 minute  seconds	3-18	

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 ATTACHMENT  
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