FAILURE MODES AND EFFECTS ANALYSIS

ASSY NOMENCLATURE [illegible]
ASSY P/N [illegible]

SYSTEM [illegible]
SUBSYSTEM [illegible]

REV DATE

PAGE [illegible]

NAME AND DRAWING	FUNCTION	FAILURE MODE AND CAUSE	MISSION PHASE	FAILURE EFFECT ON			FAILURE DETECTION	CORRECTIVE ACTION (OR ALLOWABLE DOWNTIME)	CRIT. H/F	HAZARDS/REMARKS
				END ITEM	MISSION	CREW/VEHICLE	FLIGHT GROUND			
[illegible] ASSEMBLY 1.1 CO_2 Cylinder [illegible]	CO_2 filled cylinder at 1800 psi for utilization of IRU IBU	1.1.1 Mode: Internal leakage Cause: Stress Corrosion Weld cracks	Initial/ Descent	Loss of one CO_2 utilization system	N/A*	Possible loss of reconstitution of second EEL (waste and oral) utilization assembly fails	None	Modify utilize chamber Hours Months	[illegible]	[illegible]
		1.1.2 Mode: Rupture Cause: Mechanical failure	Initial/ Descent	Loss of one CO_2 utilization system	N/A*	Possibly loss of reconstitution of second utilization system or oral utilization system fails	Visual	Modify utilize chamber Hours Minutes	[illegible]	[illegible]
1.2 Utilization Assembly (part 1)	Manually activated to generate CO_2 bottle to utilize lower chamber of [illegible]	1.2.1 Mode: fails to generate CO_2 bottle Cause: Defective [illegible] Contamination [illegible] Malfunction	Recovery	Unable to utilize lower chamber	N/A*	Possible loss of reconstitution of [illegible] utilization assembly fails	Visual	Modify utilize lower chamber Hours Minutes	[illegible]	[illegible]

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ATTACHMENT
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