

# FAILURE MODES AND EFFECTS ANALYSIS

ASSY NAME/INCLATURE: B AUNCH ENTRY SLOT (RES)  
 ASSY P/N: 189816-02

SYSTEM: Crew Escape System  
 SUBSYSTEM: Launch Entry Slot

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 DATE:

NAME AND DRAWING	FUNCTION	FAILURE MODE AND CAUSE	MISSION PHASE	FAILURE EFFECT ON			FAILURE DETECTION	CORRECTIVE ACTION THAT CAN BE TAKEN IN FLIGHT	CRIT. EFF.	HAZARDS/REMARKS
				END ITEM	MISSION	CREW/VEHICLE				
314 Anti-G Controller	Supplies oxygen to initiate anti-G garment	3141 Fails closed or excessive leakage Cause o piece part failure o contamination	Entry	Anti-G garment will not inflate	N/A*	Possible crewmember blackout, loss of vehicle of both pilot and commander blackout	No indication when controller is out of gas	None	2/18	One crewmember lost land vehicle
		3143 Fails open Cause o contamination o piece part failure	Entry	Anti-G garment would rupture if relief valve fails	N/A*	Possible crewmember blackout, loss of vehicle if both pilot and commander blackout	Excessive leg pressure	None	3/18	One crewmember lost land vehicle
315 Anti-Temperature Garment	Provide mild atmosphere and cold water protection	3151 Tear in material Cause o defective material o wear/tear	Water survival	Unable to maintain thermal capabilities	N/A*	Possible loss of crewmember	Visible	None	1/18	

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 ATTACHMENT -  
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