

FAILURE MODES AND EFFECTS ANALYSIS

ASSY NOMENCLATURE MAGAZINE/ANVARD ASSEMBLY
 ASSY P/N 58027(8349)

SYSTEM CREW ESCAPE SYSTEM
 SUBSYSTEM POFF CREW ESCAPE SYSTEM

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NAME AND DRAWING	FUNCTION	FAILURE MODE AND CAUSE	MISSION PHASE	FAILURE EFFECT ON			FAILURE DETECTION FLIGHT GROUND	CORRECTIVE ACTION TIME AVAILABLE TIME REQUIRED	CRIT. NCF	HAZARDS/REMARKS
				END ITEM	MISSION	CREW/VEHICLE				
9.2 (ANTARD ROLLER LOOP SIDJ081567 ROLLER BEARING SIDJ085589	Provides rolling surface for lanyard bailout	9.2.1 Mode: Bearings seize Cause • Contamination • Bearings seized • Debris in material	Bailout	Possible delay in release of pole if weight of the crewmember and aerodynamic loading does not force the crewmember off the pole	N/A*	Loss of crewmember if unable to achieve proper bailout trajectory	Visual	None	3/18	The weight of the crewmembers and aerodynamic loading should release the crewmembers from the pole Four bearings

580210R
 ATTACHMENT -
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