

DISPATCHED UNDER
 CONTRACTOR SERVICE
 DATE 08/01/00
 TIME 10:00 AM

RLC CHEMICAL ITEMS 1ST

ISSUE
 INSPECTION

REV 1
 REV 2
 DATE 7-1-00

PART		DATE, BY AND UNLESS NOT INDICATED	QTY	PARTIAL NAME AND QTY	REASON FOR ISSUE	NATIONAL ID NUMBER
1	7	Roll-on cuff SC000-20200-01, 02, 03, 04	2/10	<u>Failure Mode:</u> Leakage <u>Cause:</u> Improper Handling Material Failure	Drum leakage into ENV	1) <u>Design</u> A bead is produced on the rolled cuff end which snaps into a groove in the Flanged Adaptor. When traction is applied to the roll-on cuff, the bead tightens around the adaptor and resists separating. 2) <u>Test</u> a) <u>Acceptance</u> None b) <u>Certification</u> The roll-on cuff is part of the OGD certified by analysis based on review of drawing 20100-20067-01. c) <u>Turnaround</u> Roll-on cuffs are not stated. 3) <u>Inspection</u> a) <u>Manufacturing</u> Roll-on cuffs are under films and are 100% visually inspected upon receipt. b) <u>Turnaround</u> Not stated. 4) <u>Failure History</u> None a) <u>Operational Use</u> a) <u>Effects of Failure</u> Termination of EVA (short) may be necessary. b) <u>Crash Action</u> Determine extent of problem; continue EVA or return to orbiter. c) <u>Crash Isolation</u> None d) <u>Flight Constraints</u> None e) <u>In-flight Checks</u> Crewman ensures cuff is securely attached in flanged connector and is not damaged.

B-2.5