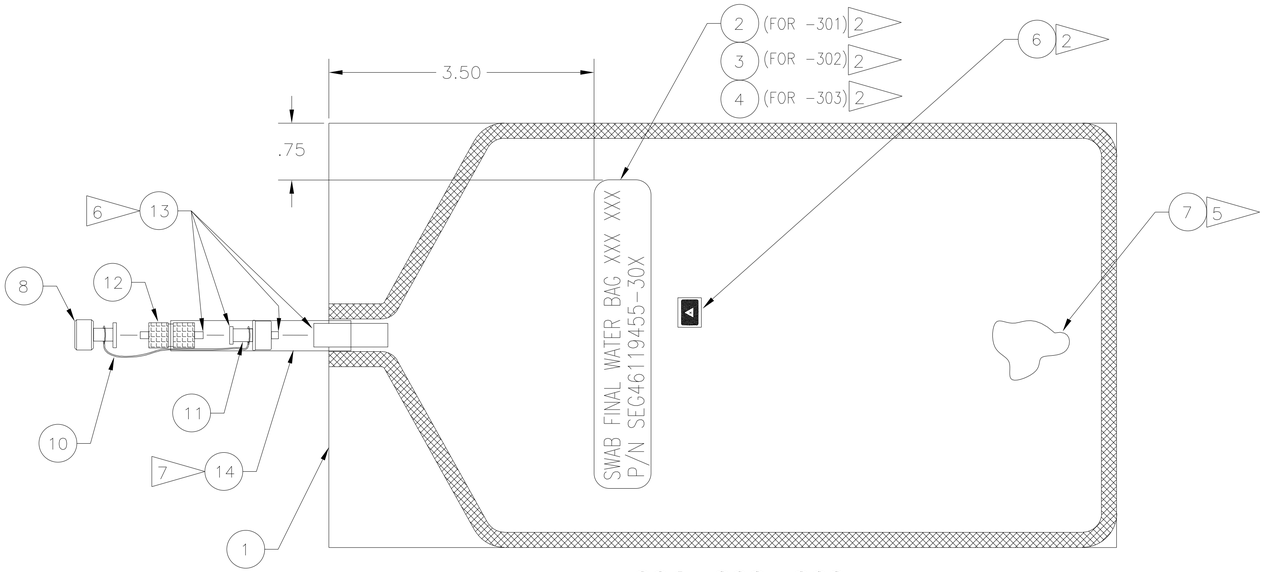
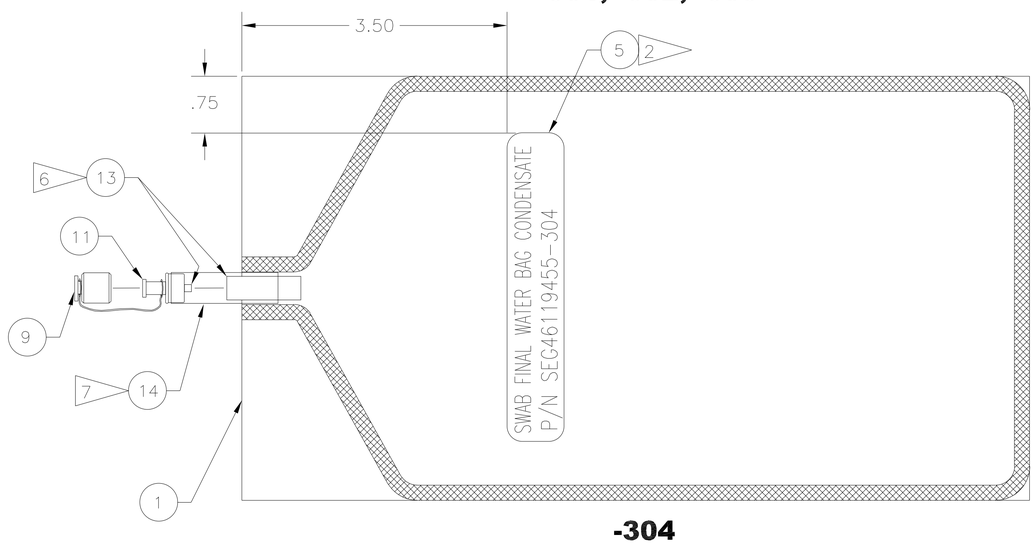
LTR	ZONE	REVISION



-301, -302, -303



-304

PRELIMINARY DWG
12/22/03
FOR ENGINEERING REVIEW ONLY

-304	-303	-302	-301	PART NUMBER	DESCRIPTION	MATERIAL	SPECIFICATION	ITEM
AR	AR	AR	AR	M23053/8-008-C	SHRINK TUBING		MIL-I-23053	14
AR	AR	AR	AR	EA9460	EPOXY		3	13
	1	1	1	20024	MALE TO MALE LUER CONNECTOR	POLYCARBONATE	4	12
1	1	1	1	80066	CHECK VALVES WITH FEMALE LUER LOCK INLET & MALE LUER LOCK OUTLET	METHYL METHACRYLATE ABS, SILICONE	4	11
	1	1	1	65606	STRAP FOR MALE LUER CAP ID .212" TUBE END	PVC	4	10
1				65455	MALE LUER CAP WITH STRAP, NON VENTED, WHITE, ID .212" TUBE END	POLYETHYLENE, PVC	4	9
	1	1	1	65730	FEMALE NON-VENTED CAP, CLEAR	POLYCARBONATE	4	8
	AR	AR	AR	-501	FIXATIVE		5	7
	1	1	1	SKD39123122-095	HAZARDOUS LOGO			6
2 1				SEG46119460-010	SWAB FINAL WATER BAG CONDENSATE LABEL			5
2	1			SEG46119460-009	SWAB FINAL WATER BAG SRV-K WARM LABEL			4
2		1		SEG46119460-008	SWAB FINAL WATER BAG SRV-K HOT LABEL			3
2			1	SEG46119460-007	SWAB FINAL WATER BAG SVO-ZV LABEL			2
1	1	1	1	IP-0271	TEFLON WATER BAG		1	1
X				-304	SWAB FINAL WATER BAG CONDENSATE			
	X			-303	SWAB FINAL WATER BAG SRV-K WARM			
		X		-302	SWAB FINAL WATER BAG SRV-K HOT			
			X	-301	SWAB FINAL WATER BAG SVO-ZV			

7 APPLY HEAT SHRINK TUBING (ITEM 12) FROM STEM OF THE TEFLON WATER BAG (ITEM 1) OVER THE LIP OF THE LUER LOCK VALVE (ITEM 11). TRIM EXCESS AS NECESSARY.

6 ROUGH SURFACE OF THE STEM OF THE TEFLON WATER BAG (ITEM 1) PRIOR TO APPLYING EPOXY (ITEM 13) TO THE THREADS OF THE TEFLON WATER BAG STEM AND ON THE INSIDE OF THE LUER LOCK VALVE (ITEM 11). LET CURE AT ROOM TEMPERATURE FOR 24 HOURS PRIOR TO HANDELING THE ASSEMBLY. EPOXY MUST BE CURED BEFORE APPLY HEAT SHRINK TUBING (ITEM 14) DO NOT BLOCK THE HOLE/PASSAGE WAY OF THE CONNECTOR WHERE AS TO RESTRICT FLUID FLOW.

5 PLACE FIXATIVE (ITEM 7) INSIDE THE WATER BAG (ITEM 1) DURING ASSEMBLY.

4 QOSINA, EDGEWOOD, NY

3 DEXTER CORP, WINSOR LOCKS, CT

2 APPLY DECALS (ITEMS 2, 3 ,4 & 5) AND HAZARDOUS LOGO (ITEM 6) APPROXIMATELY AS SHOWN.

1 AMERICAN FLUOROSEAL CORP., GAITHERSBURG, MD

FLAG NOTES:

5. THIS ASSEMBLY DOES NOT CONTAIN FRACTURE CRITICAL PARTS.
4. CLEAN TO LEVEL GC PER NASA/JSC PRC-5001; WIPE CLEAN ALL SURFACES.
3. ALL DIMENSION ARE IN INCHES.
2. FABRICATE PER NASA/JSC SKZ36103755, JSC FABRICATION TOLERANCES AND PRACTICES.
1. INTERPRET DRAWING PER NASA/JSC JPG 8500.4, ENGINEERING DRAWING SYSTEM MANUAL.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS NOTED OTHERWISE DIM ARE IN INCHES, TOL. ARE
.0 ±.1 .000 ±.005
.00 ±.02 ANGULAR ±.5°
SURFACE FINISH IN MICROINCHES RMS UNLESS NOTED OTHERWISE ✓

FRACTURE CRITICAL ☐ YES ☒ NO

NEXT ASSY SJG46119458

EQUIPMENT TYPE
☒ FLT HDWR ☐ APPLICABLE GSE
☐ OTHER (SPECIFY) _____

SIGNATURES		DATE
DR	A. MISSICK	03/12/22
ENG	A. TUCKER	03/12/22
CH	TBD	03/12/22
APP		
QE		
MAT'L		
STRESS		
AUTH		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

SWAB FINAL WATER BAG

PROJECT E049 SWAB EXPERIMENT

SIZE	CAGE CODE	DWG NO	REV
D	21356	SEG46119455	

SCALE NONE | ORG EB4 | FMT A01OCT02 | SHEET 1 OF 1