

CR NO.	PCIN	CR RECEIPT DATE:	ECP NO.	CCB DATE
G0088	04389	2-8-78	-----	TBD
CREW RELATED GFE CHANGE DISTRIBUTION SHEET				
TITLE/DESCRIPTION				
Traceability Waiver of Selected Apollo/Skylab Food Package Components				
EVALUATION REQUIRED DATE:	ORIGINATOR/ PRESENTER:		PRIMARY EVALUATOR:	
2-27-78	R. Sauer		C. Mendel	
The attached change proposal is forwarded for your evaluation and recommendations. Submit your evaluation to LV/CMO on JSC form 954D. THOSE MARKED FOR "MANDATORY EVALUATION REQUIRED" ARE EXPECTED TO RESPOND. ALL OTHER EVALUATIONS SUBMITTED WILL BE CONSIDERED FOR IMPACT ASSESSMENT. FOR CHANGE PROCESSING INFORMATION, CALL X3731.				
DISTRIBUTION:				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>CB/R. A. Parker</p> <p>* <u>CB/Shuttle</u></p> <p>* CG2/E. W. Hoskins</p> <p>CG/J. W. Bilodeau</p> <p>CG/T. A. Guillory</p> <p>SE/J. C. Stonesifer</p> <p>* SE4/W. J. Huffstetler</p> <p>EA2/A. C. Bond</p> <p>EC/J. V. Correale</p> <p>* EC/H. Stutesman (5)</p> <p>ED/D. F. Grimm</p> <p>ED8/J. A. Taylor</p> <p>EE2/W. C. Morgan</p> <p>EE2/C. Stewart</p> <p>EW/G. C. Franklin</p> <p>* EW2/C. D. Perner</p> <p>LA/H. W. Dotts</p> <p>LA2/O. G. Morris</p> <p>LA3/R. M. Machell</p> <p>LA4/J. E. Bone</p> <p>* LB/H. A. Ray</p> <p>LE/E. M. Jones</p> <p>LR/G. Chisholm</p> <p>LT/K. F. Hecht</p> <p>EE2/M. Engert</p> <p>EM/C. C. Hall</p> <p>FE/C. H. Woodling</p> </div> <div style="width: 45%;"> <p>ND5/J. Harris</p> <p>* ES5/R. L. Johnston</p> <p>LS/A. Deaton</p> <p>LV/J. B. Jackson</p> <p>LV/J. F. Schweigert/Rockwell (3)</p> <p>MC/R. C. Stults</p> <p>MC/H. B. Statz</p> <p>* ME/L. R. Fisher</p> <p>ME/J. R. Goodman</p> <p>NA/L. Menear</p> <p>NB5/F. Chapko</p> <p>NS2/P. E. Westerfield</p> <p>WA3/R. L. Blount</p> <p>WC/J. W. Thompson</p> <p>WC2/C. D. Mendel</p> <p>* WC2/F. T. Burns</p> <p>* WT/R. A. Colonna</p> <p>ZR1/Lt. Col. R. H. DiVall</p> <p>NASA Hqs. MHE-7/J. Marsh</p> <p>MSH-7/H. Roseman</p> <p>KSC, VT-VPD-2/A. Montgomery</p> <p>SP-FGS/D. Moja</p> <p>* Boeing-Houston, HS-02/L. Gandy (2)</p> </div> </div>				
* MANDATORY EVALUATION REQUIRED				



DICK SAUER #2759 #134

Date Duplicators, Inc. G-3577

04389

60088  
7105

Category JE		<b>DISCREPANCY REPORT/MATERIAL REVIEW RECORD</b> NASA - MANNED SPACECRAFT CENTER					PAGE 1 OF 2	
2. Article Name As listed		3. Drawing Number N/A		4. Serial/Lot Number N/A		5. RECORD NUMBER IDR N/A		
6. Contractor's Name Tech. Inc. JSC		7. Contractor's Drawing Number N/A		8. Contractor's Serial Number N/A		DR/MRR 91830001		
9. Supplier's Name N/A		10. Supplier's Drawing Number N/A		11. Supplier's Serial No. N/A		12. Next Higher Assy. N/A		
13. REF. Document No. N/A		14. Spacecraft N/A		15. Fault N/A		16. Funct. N/A		17. Cause/Origin N/A
						18. System N/A		19. Disposition N/A

DISCREPANCY

Listed items were removed from food pouch containers and liquid containers of Skylab and Apollo Assemblies.

1. Traceability to exact certification of material is unknown, parts are identified by blue print and were designed for Apollo and Skylab.

20. Initiator's Signature <i>Robert J. Oppert</i>		21. Stamp Number 117M	22. Organization and Location of Initiator ND42 QA Bldg. 10		23. Date 2-1-78
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DISPOSITION

24. MR Action Required? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No	25. Replacement Part Number N/A	26. Retest Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	27. Retest Accept Date N/A	28. FIAR Number N/A
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29. MRB Decision <input checked="" type="checkbox"/> USE "AS IS" <input type="checkbox"/> REPAIR <input checked="" type="checkbox"/> REWORK <input type="checkbox"/> SCRAP	INSTRUCTIONS		QC STAMP CONT. NASA
	Items #1 and 2 downgraded by TPS 91720002 to Class III.		
	Items #3, 4, 5, 6, 7, and 8 were removed from backup and		
	spare outdated food packages.		

30. DATE

FINAL ACCEPTANCE

MRB APPROVAL SIGNATURES

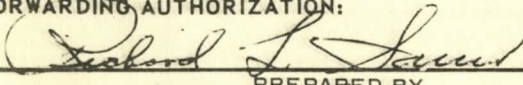
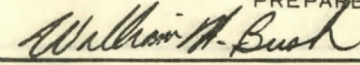
31. System Engineer (Contractor)	DATE	32. System Engineer (NASA)	DATE
33. Quality Control Rep. (Contractor)	DATE	34. Quality Control Rep. (NASA)	DATE
35. Program Office Rep. (Office Code)	DATE	36. Quality Engineer (NASA)	DATE



## FINAL ACCEPTANCE



<b>PCIN</b> 04389	<b>SPACE SHUTTLE PROGRAM</b>  <b>CREW RELATED GFE CHANGE REQUEST</b>	<b>PAGE 1 OF 2</b>  <b>INITIATED BY:</b> Richard Sauer
<b>CR NUMBER</b> G0088		
<b>CHANGE TITLE:</b> TRACEABILITY WAIVER OF SELECTED APOLLO/SKYLAB FOOD PACKAGE COMPONENTS		
<b>CHANGE PROPOSALS/REQUESTS IDENT. NO.</b>		<b>DOCUMENTS AFFECTED</b>  N/A
<b>DESCRIPTION OF CHANGE:</b> This change constitutes a waiver request for the traceability requirements for the following items:		
<u>Description</u>	<u>P/N</u>	<u>Quantity</u>
Apollo Valve Body	14-211	275
Skylab Valve Body	24-270	1408
Poppet	14-213	745
Pontubes	24-269	439
Buttons	24-201	46
Retainers	14-212	1075
Silicon Washers	14-216	625
All items except washers are Nylon 101. The washers are silicon rubber. Neither of these materials are restricted by limited life.		
<b>REASON FOR CHANGE:</b> Attached MRR 91830001 is in process to disposition these items to support the Space Shuttle OFT Food System. For various reasons the above items have lost their traceability. Because of the nature of the items, materials (no limited life) and configuration, the items meet all requirements for certification and were not altered during their previous use. Hence these items currently meet the requirements under which they were originally fabricated.* These items are required to support the fabrication of the food packages to be used in Shuttle OFT. A considerable amount of money (about \$10K) will be conserved by recertifying these items and not requiring replacement items to be fabricated. <b>*NOTE:</b> These items were fabricated under controlled conditions and were originally flight certified. The only standard currently not met by these items is traceability.		

PCIN 04389 G0088	<b>SPACE SHUTTLE PROGRAM</b> <b>CREW RELATED GFE CHANGE REQUEST</b>	PAGE 2 OF 2
<b>SYSTEM ELEMENT(S) AFFECTED:</b> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> ORBITER  <input type="checkbox"/> PAYLOADS         </div> <div> <input type="checkbox"/> LAUNCH AND LANDING  <input type="checkbox"/> SYSTEM SOFTWARE  <input type="checkbox"/> OPERATIONS         </div> </div>		
<b>CHANGE IMPACT:</b> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> PILOT OPERATIONAL EQUIPMENT  <input type="checkbox"/> SAFETY  <input type="checkbox"/> PERFORMANCE  <input type="checkbox"/> RELIABILITY  <input type="checkbox"/> MAINTAINABILITY  <input type="checkbox"/> PRODUCIBILITY  <input type="checkbox"/> BALANCE &amp; STABILITY  <input type="checkbox"/> GSE  <input type="checkbox"/> SPARES  <input type="checkbox"/> CREW PROCEDURES &amp; OPS HANDBOOK         </div> <div> <input type="checkbox"/> ICD'S  <input type="checkbox"/> FACILITIES  <input type="checkbox"/> FLIGHT OPERATIONS  <input type="checkbox"/> GROUND OPERATIONS  <input type="checkbox"/> SIMULATORS &amp; TRAINERS  <input type="checkbox"/> SOFTWARE  <input type="checkbox"/> PAYLOADS  <input type="checkbox"/> OTHER (SPECIFY)  <input type="checkbox"/> STOWAGE LIST         </div> </div>		
<b>WEIGHT IMPACT:</b> None	<b>SCHEDULE IMPACT:</b> None	<b>COST PER FLIGHT IMPACT:</b> Savings: \$1,500 to \$2,000
<b>DDT &amp; E COST IMPACT:</b>	FY	FY
FY	FY	FY
REMAINDER	TOTAL	
<b>IMPACT DESCRIPTION:</b> Approval will permit the use of selected food package components for which traceability has been lost. The use of these items in lieu of contracting for the fabrication of new units will save approximately \$10K.		
<b>IMPACT OF NONINCORPORATION:</b> Unnecessary expenditure of money resources.		
<b>RECOMMENDATION/REMARKS</b> Approval		
<b>FORWARDING AUTHORIZATION:</b> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>             PREPARED BY         </div> <div>             ENDORSED BY            CCB MEMBER/SYSTEMS CONTRACTOR         </div> <div style="text-align: center;"> <div>2/6/78 DATE</div> <div>2/6/78 DATE</div> </div> </div>		<b>CCB PLANNING DATE</b>



# ITEMS TO UP-GRADE

1 WASHER MATERIAL	3 ST.
2 WASHERS	5906
3 S/L VALVE BODY w/HOLD	297
4 S/L VALVE BODY	680
5 VALVE ASSY (S/L BODY)	481
6 VALVE ASSY (APOLLO BODY)	24
7 APOLLO VALVE BODY	251
8 PONTUBE	439
9 BUTTON	46
10 POPPET	290
11 RETAINER	620

12  
90



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G0088					OFFICE:	
<b>CHANGE IMPACT:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <input type="checkbox"/> SAFETY  <input type="checkbox"/> PERFORMANCE  <input type="checkbox"/> RELIABILITY  <input type="checkbox"/> MAINTAINABILITY  <input type="checkbox"/> PRODUCIBILITY  <input type="checkbox"/> BALANCE &amp; STABILITY  <input type="checkbox"/> GSE  <input type="checkbox"/> SPARES         </div> <div style="width: 45%;"> <input type="checkbox"/> CREW RELATED GFE  <input type="checkbox"/> FACILITIES  <input type="checkbox"/> FLIGHT OPERATIONS  <input type="checkbox"/> GROUND OPERATIONS  <input type="checkbox"/> SIMULATORS AND TRAINERS  <input type="checkbox"/> SOFTWARE  <input type="checkbox"/> PAYLOADS  <input type="checkbox"/> OTHER (SPECIFY)  <input type="checkbox"/> STOWAGE         </div> </div>						
<b>WEIGHT IMPACT:</b>		<b>SCHEDULE IMPACT:</b>			<b>COST PER FLIGHT IMPACT:</b>	
<b>DDT &amp; E COST IMPACT:</b>	FY	FY	FY	FY	REMAINDER	TOTAL
<b>IMPACT DESCRIPTION:</b>						
<b>IMPACT OF NONINCORPORATION:</b>						
<b>RECOMMENDATION:</b>						
<b>CHANGE PROPOSALS EVALUATED</b>				<b>APPROVED BY:</b>  <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 60%; text-align: center;">_____ SIGNATURE</div> <div style="width: 35%; text-align: center;">_____ DATE</div> </div>		