

5-15-86

C081121

22-716  
LSOC  
PPC

NASA  
National Aeronautics and  
Space Administration



USAF  
Department of the Air Force  
United States of America

Kennedy Space Center/Vandenberg Air Force Base

1. REPORT NUMBER (ORBITER TPS)

PROBLEM REPORT

DISCREPANCY REPORT **DVG-R07706**

PAGE  
1  
OF  
1

2. DETECTED DURING  
**AFT-2-08-023**

3. WORK AREA  
**OPF-1 - 500 BAYS**

4. END ITEM CONTROL NUMBER  
**AFT-2-08-0904**

5. WORK UNIT CODE

6. PART NAME  
**SUB ASSEMBLY**

7. PART NO.  
**V070-395001-008**

8. SER. NO.  
**294946**

9. QTY  
**1**

10. FSCM/VENDOR  
**D3953/RD**

11. NHA/PN  
**FF 2641**

12. STS #/EFF.  
**34-02**

13. REPORTED BY (NAME/ORG/STAMP)  
**P. Summers 51-11 5-15-86**

14. DATE  
**5-15-86**

16. ITEM

17. PROBLEM DESCRIPTION

HRSI  LRSI  FRSI  RCC

GAP FILLER:  PILLOW  DESIGN  OTHER

AMES  MINI-Q

LOCATION \_\_\_\_\_ INCHES FROM OML

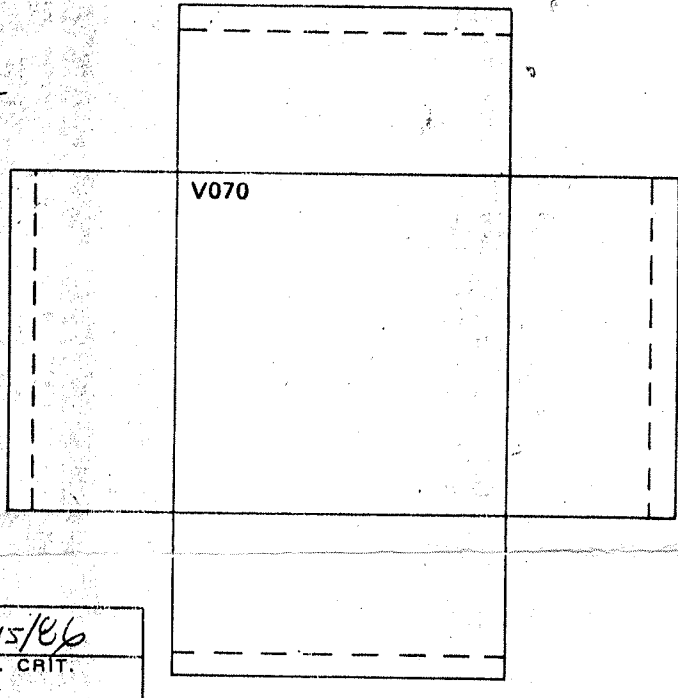
CHIP/GOUGE L \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

INSTALLED  YES  NO

CARRIER PANEL: INSTALLED  YES  NO

TILE THICKNESS **NTR.**

1. HRSI TILES ON BASE HEAT SHIELD FROM ARRAY 395903 HAVE EXCESSIVE DAMAGE. REF: TILES LISTED ON R. 14 TILES ARE NOT DENSIFIED. REF: AFT-023 TPS.



CAUSE  
**FLIGHT**

17A. QA SUPV./DATE  
**G.D. Barnett 5/15/86**

18. CRIT. SKILLS  YES  NO

20. CONSTRAINTS TO:  YES  NO

21. CRIT.

29. ITEM	30. DISPOSITION	31. TECH	CONTR QA	NASA QA

ATTACHMENTS (STAMPS)

1A 1B 1C 1D 1E 1F 1G 1H 1I

23. WEIGHT REQ.  YES  NO

24. RETEST REQ.  YES  NO

25. HAZARDOUS OP  YES  NO

26. MR REQ.  YES  NO

33. FINAL ACCEPT DATE

36. RELATED REPORTS

19. EO REQ.  YES  NO

34. DATA CODE

37. RC ACTION REQ'D.  YES  NO

38. RC CONSTRAINT (SIGNATURE DATE) TO:

39. RC CLOSURE (signature) DATE

40. TPS DATA

PRESS FIRMLY - ALL COPIES MUST BE LEGIBLE



**NONCONFORMANCE SYSTEM  
(CONTINUATION SHEET)**

SPORT NUMBER  
 IPR  
 PR  
 DR *DU 6R 67766*  
 CAAR

PAGE  
*40*  
OF

2. DETECTED DURING: *AFT 2-08-023* 3. RESERVED: 4. END ITEM CONTROL NO. *AFT-2-08-090V*

PRESS FIRMLY - ALL COPIES MUST BE LEGIBLE

5. ITEM	PART NUMBER	6. TECH	7. CONTR QA	8. GOVT QA
	<i>UO70 395983-145</i>			
	OCN <i>008213</i>			
	VERIFY/RECORD DR PAGE NUMBER ON REFERENCED TPS		<i>Q</i>	<i>5-15-86</i>
	ID TILE AS SCRAP		<i>Q</i>	<i>5-15-86</i>
	BAG AND TAG THE REMOVED TILE WITH THE TILE PART	<i>T</i>		<i>5-15-86</i>
	NUMBER AND OCN.			
	DELIVER TILE TO LOGISTICS			
	ORDER/VERIFY REPLACEMENT TILE ON ORDER	<i>TS</i>		<i>5-15-86</i>
	TPR NUMBER			
	RECORD METHOD USED			
	IF REQUIRED, FABRICATE TRACEK PATTERN PER OMI 9024 PROC 102			
	NOT REQUIRED		<i>Q</i>	<i>5-15-86</i>
	VERIFY TILE IS TO BE PROCESSED ON <i>AFT-023</i> TPS		<i>Q</i>	<i>5-15-86</i>
	PRINT NAME			
	SIGNATURE			
	DEPT			
	DATE			

9. CLOSURE

KSC FORM 4-520 (4/83)

AFT-2-08-0904

# FLOWN HARDWARE

ORBITER NO. 102 STS NUMBER 034

PART NAME HRSI TILE

PART NO. V070-395903-145

SERIAL NO. 008213

QUANTITY 1 INSP.



DATE 5-15-86

NON-CONFORMING MATERIAL

DEFECT REPORT NUMBER

PART

395903-145  
008213

S.C.R. 8A  
0-11-86

To be removed, only by originating quality inspection organization

KSC FORM 23-344 (REV. 1/77)