

NCD

NONCONFORMANCE DOCUMENT

MRB

41a



DOCUMENT INITIATION DATA

N 062528

ASSY/DETAIL PART NUMBER 80901010000-510	a TRACEABILITY NUMBER 00000000114	b ORDER TYPE/NUMBER
ASSY/DETAIL PART NAME ET COMPLETE - DD250	d PROJECT ET	e EFFECTIVITY ET-121
SUPPLIER CODE 2001612	SUPPLIER NAME	ORIGINATION LOCATION FAC-4
INITIAL REPORT	m REFERENCE DOCUMENT(S)	TAIR BOOK (BK/PG)

ITEM INITIATION DATA

ITEM 1	PART NUMBER 80911041234-009	2 TRACEABILITY NUMBER 00000000713	3 LOT QTY 1	4 QTY REJ 1	5 UOM EA
PART NAME BRACKET, ISOLATOR ASSEMBLY	7 PI NUMBER	8 STEP NO	9 SHEET / ZONE / VIEW	10 CA TYPE 10yc	11
DEFECT CODE BKDCODRC SN	12 HDWR CODE	13 CC 14 EE BADGE	15 FAILURE YIN	16 CRIT 17 DEPT FND	18 DEPT LBL
INITIATED BY	DATE 11/15/02	29 WELD TYPE T / V / S	23 ORIG WELD	24 DETECT METHOD	25
RELIABILITY ASSURANCE	DATE 11-15-2	30 MATERIAL THICKNESS	28 DEFECT LOC ISL / OSL	27	
DISCREPANCY DESCRIPTION	32 REPAIR	33 DEFECT LOCATION	34 DEFECT LENGTH	35	

SUSPECT MS20605 R4W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE VENDOR ERROR	36			
CORRECTIVE ACTION SCAR - 02 - 078	37			
CAC 38	DATE 15NOV02	39	DATE 11/24/02	40

DISPOSITION DATA

MRB SUBMIT TO Eng. FOR EVALUATION.	42 SHOP STAMP	43 INSP STAMP MSS	44 CUST STAMP	45
FA - 11-15-2	VISUAL INSPECTION 46			
	ACCEPT	REJECT	PROD OPS X-RAY 47	REJECT
BLOCK 19 CONT'D: WAS "0000": NOW "0012".	WELDER 48			
SCAR - 15NOV02	PA X-RAY 49			
	ACCEPT			
	REJECT			
	WELD WIRE ACCEPTANCE 50			
	PENETRANT 51			
	ACCEPT			
	REJECT			
	REPAIR PER SRI W001 62			
	WELD WIRE LAB TICKET 63			
	PCN 64			
	WELD WIRE LOT NUMBER 65			
MR CD 68	LAB / LICALL	67	SRI NUMBER 68	NUMBER OF ATTACHMENTS
3				12345678910-1

DOCUMENT CLOSURE DATA

DISP CODE NW	NUMBER OF ITEMS 102345678910	p TRANSFER TO DOCUMENT	q PRODUCTION OPERATIONS CLOSURE ACCEPTANCE	DATE 11-19-02
DATE 11-20-02		DATE 11/21/02		

Block 42 CONTINUED (ITEMS 1-9)

SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

ENG MRB [REDACTED] 11/18/02

STRESS MRB [REDACTED] 11-18-02

PAMRB [REDACTED] 11/19/02

NASA Eng. : [REDACTED] 11/19/02

NASA GMA [REDACTED] 11/19/02

Block 42 contd.

All work on this item is complete and acceptable.

NASA [REDACTED] 11-19-02
[REDACTED] 11/19/02

CONTRACTS [REDACTED] 11/20/02
05 02/00/04/11

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N062528

Item 1

Attachment 1-1

Page 1 of 1

These rivets are used to attach nutplates to the nosecone brackets. The rivets serve two primary functions:

- To prevent nut rotation as the bolts are installed; and
- To prevent nut push out if the mechanic has to "lean" on the screw during assembly.

Once the fastener is installed, the rivets do not carry any load; they are only functional during bolt installation.

If the rivets had failed due to the gapping condition, the nose cone fasteners would not have achieved drawing required torque values. Any fastener installation failures would have been documented on NCD and dispositioned by MRB.

If the rivet heads had protruded, the rivet head would bear against the ISL of the nosecone causing minor damage i.e. scuff marks/scratches etc. that would have been reported during numerous inspections performed at MAF and MSFC during assembly and installation. No evidence of scratches or damage was detected at any of the assembly and installation locations, i.e. MSFC, Bldg 318, Final Assembly or Bldg 420. Any undetected damage to the nose cone, including a surface scratch, would not adversely affect the structural capability of the nose cone. Worst case undetectable damage was addressed by a full-scale damage tolerance test as part of nose cone verification.

Engineering disposition is use as is. Form, fit and function not adversely affected. MS Unaffected.

Coordinated with [REDACTED] Parts Engineering and [REDACTED], Composite Materials.

ENG MRB [REDACTED] 11/18/02
STRESS MRB [REDACTED] 11-18-02
PAMRB [REDACTED] 11/19/02

NCID

NONCONFORMANCE ITEM DATA

NCD NUMBER A1 ITEM A2 PAGE A3
NDG 2528 2 1

ITEM INITIATION DATA

ITEM 1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6
2	80.911041234-010		00000000773		1		1		EA	
PART NAME		7	PI NUMBER	8	STEP NO	9		SHEET / ZONE / VIEW	10	CAT TYPE
BRACKET, ISOLATOR ASSEMBLY										1102C
DEFECT CODE	12	HOWR CODE	13	CC 14	EE BADGE	15	FAILURE	16	CRIT 17	DEPT FND
TSKDC ODRCSN							Y1N			3741
INITIATED BY							DATE	29	WELD TYPE	23
							11/15/02		T / V / S	0000
							DATE	30	MATERIAL THICKNESS	26
							11-15-2		ACTUAL	DRAWING
RELIABILITY ASSURANCE							DATE	31		
									DEFECT LOC	27
									ISL / OSL	
									REP ATTEMPT	28
									ISL / OSL	
DISCREPANCY DESCRIPTION		32	REPAIR	33	DEFECT LOCATION	34		DEFECT LENGTH	35	

SUSPECT MS 20605 R4 W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	36
VENDOR ERROR	
CORRECTIVE ACTION	37
SCAR - 02-078	

CAC 38	CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	39	PA & CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	40
SC			15NOV02				11/26/02	

DISPOSITION DATA

41	DISPOSITION	42	SHOP STAMP	43	INSP STAMP	44	CUST STAMP	45
MRB	SUBMIT TO ENG. FOR EVALUATION				MSS		MSS	
	PA 11-15-2				11-19-2			
BLOK 19 CONT'D: WAS "0000", Now "0012."		VISUAL INSPECTION 46		PROD OPS X-RAY 47				
SCAR		ACCEPT		REJECT		ACCEPT		REJECT
		WELDER 48		PA X-RAY 49				
		ACCEPT		REJECT		ACCEPT		REJECT
		WELD WIRE ACCEPTANCE 50		PENETRANT 51				
		ACCEPT		REJECT		ACCEPT		REJECT
		REPAIR PER SRI W-001		52		WELD WIRE LAB TICKET		53
		PCN		54		WELD WIRE LOT NUMBER		55

MR CD 56	LAB / LICALL	57	SRI NUMBER	58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3					12345678910		12345678910	1

BLOCK 42 CONTINUED

SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

ENG MCR

11/18/02

PAMRB

11/19/02

BLOCK 42 CONT'D.

ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

PA

11-19-02

2

NONCONFORMANCE ITEM DATA

NCD NUMBER	A1	ITEM	A2	PAGE	A3
N062528		3		1	

ITEM INITIATION DATA

ITEM 1	PART NUMBER	2 TRACEABILITY NUMBER				3 LOT QTY	4 QTY REQ	5 UOM	6	
3	80911041234-019	00000000833				1	1	EA		
PART NAME		7 PI NUMBER	8 STEP NO	9 SHEET / ZONE / VIEW			10 CA TYPE	11		
BRACKET, ISOLATOR ASSEMBLY							ID/C			
DEFFECT CODE	12 HWWR CODE	13 CC 14	EE BADGE	15 FAILURE	16 CRIT 17	DEPT FND	18 DEPT LBL	19 SCC	20 WELD CODE	21 WELD GRD 22
BKDCODR,C SN		32		Y (N)		3741		600E (2)		
INITIATED BY				DATE	29 WELD TYPE	23 ORIG WELD			24 DETECT METHOD	25
				11/15/02	T / V / S				☐ VISUAL	
VALUATIONARY				DATE	30 MATERIAL THICKNESS		26	DEFFECT LOG	27	
				11-15-2	ACTUAL	DRAWING		ISL / OSL		☐ X-RAY
RELIABILITY ASSURANCE			BADGE	DATE	31			REP ATTEMPT	28	☐ PENETRANT
								ISL / OSL		
DISCREPANCY DESCRIPTION				32 REPAIR	33 DEFECT LOCATION	34 DEFECT LENGTH		35		

SUSPECT MS 20605 R4 W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	VENDOR ERROR	36
CORRECTIVE ACTION	SCAR-02-078	37

CAC 38	CAUSE & CORRECTIVE ACTION LOG FORM	DATE	39	PA	NEW	RAGE	DATE	40
SC		7/26/02						7/26/02

DISPOSITION DATA

[illegible]

MR CD 56	LAB / LICALL	57	SRI NUMBER 58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3				1 2 3 4 5 6 7 8 9 10	0	0 2 3 4 5 6 7 8 9 10	1

BLOCK 42 CONTINUED

SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

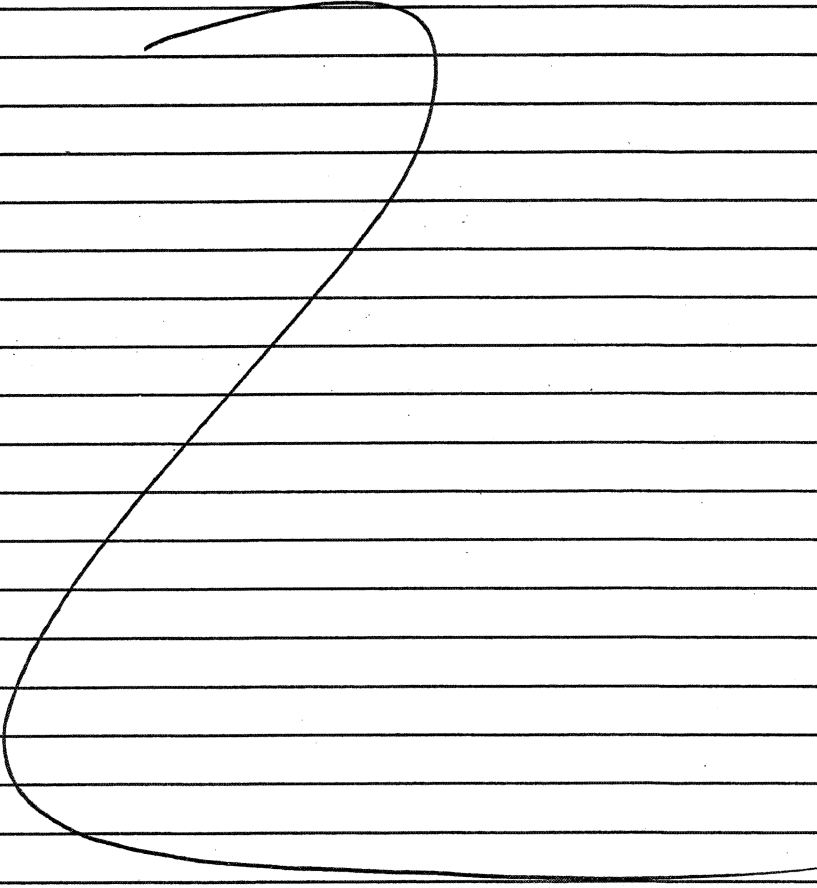
ENG MRB [REDACTED] 11/18/02

PAMRB [REDACTED] 11/19/02

BLOCK 42 CONTD.

ALL WORK ON THIS BLOCK IS COMPLETE AND ACCEPTABLE.

PA [REDACTED] 11-19-02



NCID

NONCONFORMANCE ITEM DATA

NCD NUMBER A1 ITEM A2 PAGE A3
N062528 4 1

ITEM INITIATION DATA

ITEM 1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6									
4	80911041234-020		NOTED		3		3												
PART NAME		7	PI NUMBER	8	STEP NO	9			SHEET / ZONE / VIEW	10	CAT TYPE								
BRACKET, ISOLATOR ASSEMBLY											1 (D/C								
DEFECT CODE	12	HDWR CODE	13	CC 14	EE BADGE	15	FAILURE	16	CRIT 17	DEPT FND	18	DEPT LBL	19	SCC	20	WELD CODE	21	WELD GRD	22
BKIDC QDR C SN		SL				Y (N)		3741											
INITIATED BY	DATE		29	WELD TYPE	23	ORIG WEL	24			DETECT METHOD	25								
	11/15/02			T / V / S															
VALUATION	DATE		30	MATERIAL THICKNESS		28	DEFECT LOC	27											
	11-15-2						ISL / OSL												
RELIABILITY ASSURANCE	BADGE		31	ACTUAL	DRAWING		REP ATTEMPT	28											
							ISL / OSL												
DISCREPANCY DESCRIPTION				32	REPAIR	33	DEFECT LOCATION	34	DEFECT LENGTH	35									

SUSPECT MS20605 R4 W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	VENDOR ERROR	36
CORRECTIVE ACTION	SCAR-02-078	37

CAC 38	CAUSE & CORRECTIVE ACTION	DATE	39	PARA CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	40
SC		11/15/02				11/26/02	

DISPOSITION DATA

☒ MRB	41	DISPOSITION	42	SHOP STAMP	43	INSP STAMP	44	CUST STAMP	45
						MSS			
Block 3 CONT'D:			VISUAL INSPECTION 46						
00000000895			PROD OPS X-RAY 47						
00000000896			ACCEPT REJECT ACCEPT REJECT						
00000000897									
RELIABILITY ASSURANCE			WELDER 48						
11/15/02			PA X-RAY 49						
			ACCEPT REJECT						
			WELD WIRE ACCEPTANCE 50						
			PENETRANT 51						
			ACCEPT REJECT						

Block 42 CONT'D:	REPAIR PER SRI W-001	52	WELD WIRE LAB TICKET	53
SUBMIT TO ENGR. FOR EVALUATION	PCN	54	WELD WIRE LOT NUMBER	55

	11-15-2
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BLDCK 19 CONT'D: WAS "0000"; NOW "0012"

SCAR 15 NOV 02

MR CD 56	LAB / LICALL	57	SRI NUMBER	58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3					123456789010		123456789010	

BLOCK 42 CONTINUED

* SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

ENG MPRB [REDACTED] 11/18/02
PAMRB [REDACTED] 11/19/02

BLOCK 42 contd.

ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

PR [REDACTED] 11-19-02

[Large handwritten 'Z' mark spanning lines 12 to 30]

NCID NONCONFORMANCE ITEM DATA

NCD NUMBER A1 ITEM A2 PAGE A3
 N106252B 5 1

ITEM INITIATION DATA

ITEM 1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6	
5	00911041234-029		00000001073		1		1		EA		
PART NAME		7	PI NUMBER	8	STEP NO	9			SHEET / ZONE / VIEW	10	CA TYPE
BRACKET, ISOLATOR ASSEMBLY											1 (D)C
DEFECT CODE	12	HDWR CODE	13	CC	14	EE	BADGE	15	FAILURE	16	CRIT
BKDC0DIRC		SN		SZ					Y (N)		
INITIATED BY	DATE		29	WELD TYPE	23	ORIG WELD	24		DETECT METHOD	25	
	11/15/02			T / V / S							
VAL	DATE		30	MATERIAL THICKNESS		26	DEFECT LOC		27		
	11-15-2			ACTUAL			DRAWING				
RELIABILITY ASSURANCE	BADGE		31	DATE			REP ATTEMPT		28		
							ISL / OSL				
DISCREPANCY DESCRIPTION		32	REPAIR	33	DEFECT LOCATION	34		DEFECT LENGTH	35		

SUSPECT MS20605 R4W4 BLIND RIVETS DO NOT MEET
 STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
 AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	VENDOR ERROR
CORRECTIVE ACTION	SCAR-02-078

CAC 38	CAUSE	DATE	39	PARA CAUSE	CORRECTIVE ACTION	REVIEW	BADGE	DATE	40
SC		15NOV02						11/26/02	

DISPOSITION DATA

41	DISPOSITION	42	SHOP STAMP	43	INSP STAMP	44	CUST STAMP	45
	MRB SUBMIT TO ENG. FOR EVALUATION.							
	11-15-2							
	BLK 19 CONT'D: WAS "0000"; NOW "0012"							
	SCAR 15NOV02							
		VISUAL INSPECTION 46		PROD OPS X-RAY 47				
		ACCEPT REJECT		ACCEPT REJECT				
		WELDER 48		PA X-RAY 49				
		ACCEPT REJECT		ACCEPT REJECT				
		WELD WIRE ACCEPTANCE 50		PENETRANT 51				
		ACCEPT REJECT		ACCEPT REJECT				
		REPAIR PER SRI W-001 52		WELD WIRE LAB TICKET 53				
		PCN 54		WELD WIRE LOT NUMBER 55				

MR CD 56	LAB / LICALL	57	SRI NUMBER 58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3				12045070910		12345678910	1

NCSD

NONCONFORMANCE SUPPLEMENTAL DATA

NCD NUMBER	1	ITEM	2	PAGE	3
11062528		5		2	

1 BLOCK 42 CONTINUED

2 SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION

3 ENG MRB [REDACTED] 11/18/02

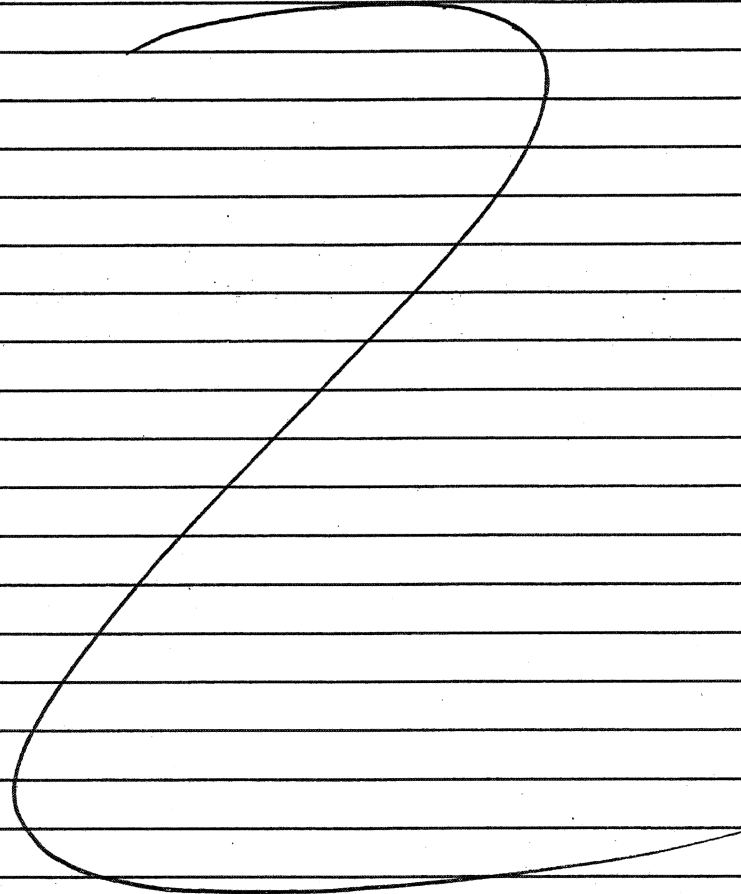
4 PAMRB [REDACTED] 11/19/02

7 BLOCK 42 CONT'D

8 ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

10 PA [REDACTED] 11-19-02

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NCID NONCONFORMANCE ITEM DATA

NCD NUMBER A1 ITEM A2 PAGE A3
 N062528 6 1

ITEM INITIATION DATA

ITEM 1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6									
6	80911041234-030		00000001133		1		1		EA										
PART NAME		7	PI NUMBER	8	STEP NO	9			SHEET / ZONE / VIEW	10	CA TYPE								
BRACKET, ISOLATOR ASSEMBLY											107C								
DEFFECT CODE	12	HDWR CODE	13	CC 14	EE BADGE	15	FAILURE	16	CRIT 17	DEPT FND	18	DEPT LBL	19	SOC	20	WELD CODE	21	WELD GRD	22
BKDCUDRC		SN		SI			Y	(N)		3741		0000							
INITIATED BY		BADGE		DATE		29	WELD TYPE	23	ORIG WE	24	DETECT METHOD				25				
				11/15/02			T / V / S												
VALIDATED BY		BADGE		DATE		30	MATERIAL THICKNESS		28	DEFFECT LOC		27	☐ VISUAL ☐ X-RAY ☐ PENETRANT						
				11-15-2			ACTUAL	DRAWING		ISL / OSL									
RELIABILITY ASSURANCE		BADGE		DATE		31				REP ATTEMPT		28	ISL / OSL						
DISCREPANCY DESCRIPTION						32	REPAIR	33	DEFFECT LOCATION	34	DEFFECT LENGTH				35				

SUSPECT MS20605 R4W4 BLIND RIVETS DO NOT MEET
 STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
 AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	VENDOR ERROR	36
CORRECTIVE ACTION	SCAR- 02-078	37

CAC 38	CAUSE & CORRECTIVE ACTION ACCEPTANCE	BADGE	DATE	39	PARA CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	40
SC			15NOV02				11/26/02	

DISPOSITION DATA

41	DISPOSITION	42	SHOP STAMP	43	INSP STAMP	44	CUST STAMP	45
	MRB SUBMIT TO Eng. for EVALUATION.				MSS 11-19-2			
BLOCK 19 CONT'D: WAS "0000"; NOW "0012" SCAC 15NOV02		VISUAL INSPECTION 46		PROD OPS X-RAY 47				
		ACCEPT	REJECT	ACCEPT	REJECT			
		WELDER 48		PA X-RAY 49				
		ACCEPT	REJECT					
		WELD WIRE ACCEPTANCE 50		PENETRANT 51				
		ACCEPT		REJECT				
		REPAIR PER SRI W-001 52		WELD WIRE LAB TICKET 53				
		PCN 54		WELD WIRE LOT NUMBER 55				

MR CD 56	LAB / LICALL	57	SRI NUMBER 58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3				12345678910		12345678910	1

BLOCK 42 CONTINUED

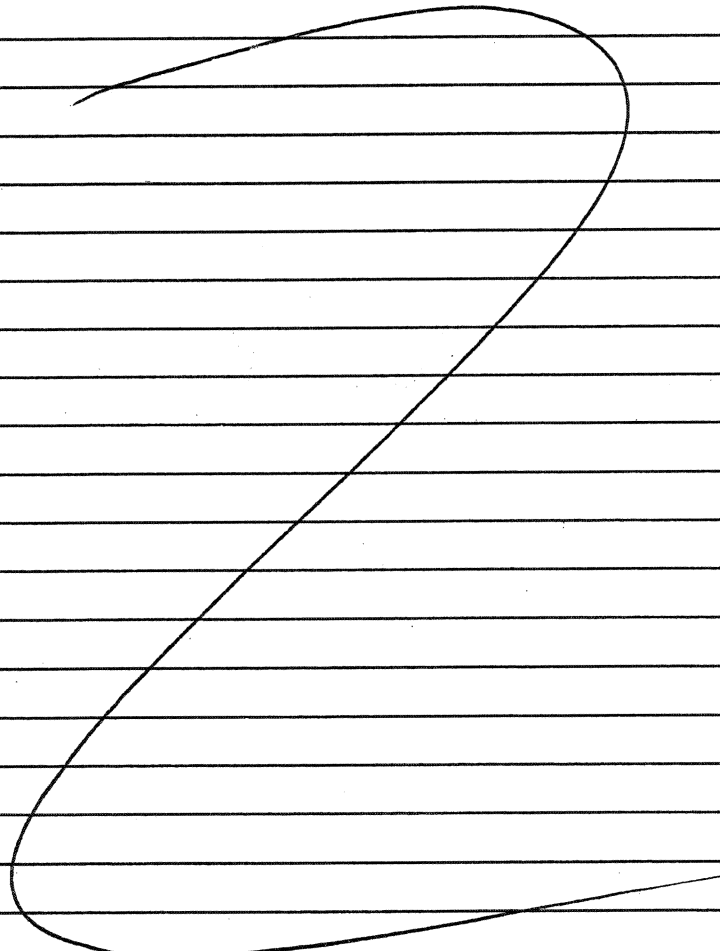
SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

ENG MRR [REDACTED] 11/18/02
PAMKB [REDACTED] 11/19/02

BLOCK 42 CONT'D.

ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

Pat [REDACTED] 11-19-02



NCID

NONCONFORMANCE ITEM DATA

NCD NUMBER	A1	ITEM	A2	PAGE	A3
NOG2528		7		1	

ITEM INITIATION DATA

ITEM	1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6	
7		80911041234-039		00000001193		7		1		EA		
PART NAME			7	PI NUMBER	8	STEP NO	9	SHEET / ZONE / VIEW		10	CA TYPE	
BRACKET, ISOLATOR ASSEMBLY											11	
DEFECT CODE			12	HDWR CODE	13	CC	14	EE BADGE	15	FAILURE	16	
BKDCODRC SN										Y (N)		
INITIATED BY			DATE	29	WELD TYPE	23	ORIG WELD	24	DETECT METHOD			25
			11/15/02		T / V / S				☐ VISUAL ☐ X-RAY ☐ PENETRANT			
VALIDATION			DATE	30	MATERIAL THICKNESS		26	DEFECT LOC		27		
			11-15-2		ACTUAL		DRAWING	ISL / OSL				
RELIABILITY ASSURANCE			BADGE	DATE	31	REP ATTEMPT		28	ISL / OSL			
DISCREPANCY DESCRIPTION				32	REPAIR	33	DEFECT LOCATION	34	DEFECT LENGTH		35	

SUSPECT MS20605 R4W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	36
VENDOR ERROR	
CORRECTIVE ACTION	37
SCAR - 02 - 078	

CAC	38	CAUSE & CORRECTIVE ACTION ASSURANCE	BADGE	DATE	39	PARA CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	40
SC				5/20/02				11/24/02	

DISPOSITION DATA

DISPOSITION	42	SHOP STAMP	43	INSP STAMP	44	CUST STAMP	45
MRB SUBMIT TO ENGR. FOR EVALUATION.				MSS			
				11-19-2			
		VISUAL INSPECTION		46	PROD OPS X-RAY		47
		ACCEPT		REJECT	ACCEPT		REJECT
		WELDER		48	PA X-RAY		49
					ACCEPT		REJECT
		WELD WIRE ACCEPTANCE		50	PENETRANT		51
					ACCEPT		REJECT
		REPAIR PER SRI W-001		52	WELD WIRE LAB TICKET		53
		☐ I ☐ II ☐ III					
		PON		54	WELD WIRE LOT NUMBER		55

MR CD	56	LAB / LICALL	57	SRI NUMBER	58	NUMBER OF ATTACHMENTS	59	NUMBER OF NCSDs	60
3						12345678910		02345678910	1

BLOCK 42 CONTINUED

SEE ATTACHMENT V-1 FOR ENGINEERING DISPOSITION

ENB MRB [REDACTED] 11/18/02

PAMRB [REDACTED] 11/19/02

BLOCK 42 CONTD.

ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

AA [REDACTED] 11-19-02

[Large handwritten signature/initials spanning lines 13 to 31]

NCID NONCONFORMANCE ITEM DATA

NCD NUMBER A1 ITEM A2 PAGE A3
N062528 8 1

ITEM INITIATION DATA

ITEM 8	PART NUMBER 80911041234-040	TRACEABILITY NUMBER 00000001255	LOT QTY 1	QTY REJ 1	UOM EA
PART NAME BRACKET, ISOLATOR ASSEMBLY		PI NUMBER	PI STEP NO	SHEET / ZONE / VIEW	
DEFECT CODE BKDCDRC SN	HWDR CODE SI	CC 14	EE BADGE	FAILURE Y (N)	CRIT 17
INITIATED BY	BADGE	DATE 11/15/02	WELD TYPE T / V / S	ORIG WELD	DETECT METHOD
VALIDATED BY	BADGE	DATE 11-15-02	MATERIAL THICKNESS	DEFECT LOC ISL / OSL	REPAIR ATTEMPT
RELIABILITY ASSURANCE	BADGE	DATE	ACTUAL	DRAWING	ISL / OSL
DISCREPANCY DESCRIPTION		REPAIR	DEFECT LOCATION	DEFECT LENGTH	

SUSPECT MS20605 R4W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE AND CORRECTIVE ACTION DATA

CAUSE	VENDOR ERROR
CORRECTIVE ACTION	SCAR - 02 - 078

CAC 38	CAUSE & CORRECTIVE ACTION ACCEPTANCE	BADGE	DATE 5 NOV. 02	CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE 11/26/02
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DISPOSITION DATA

MRB	DISPOSITION	SHOP STAMP	INSP STAMP	CUST STAMP
	SUBMIT TO ENGR. FOR EVALUATION.		11-19-02	
	PA 11/15/02	VISUAL INSPECTION 46		
		PROD OPS X-RAY 47		
		ACCEPT	REJECT	ACCEPT
				REJECT
		WELDER 48		PA X-RAY 49
		ACCEPT		REJECT
		WELD WIRE ACCEPTANCE 50		PENETRANT 51
		ACCEPT		REJECT
		REPAIR PER SRI W-001 52		WELD WIRE LAB TICKET 53
		PCN 54		WELD WIRE LOT NUMBER 55

MR CD 56	LAB / LICALL	57	SRI NUMBER 58	NUMBER OF ATTACHMENTS 59	NUMBER OF NCSDs 60
3				1-2045078910	0-2045078910

NCSD

NONCONFORMANCE SUPPLEMENTAL DATA

NCD NUMBER	1	ITEM	2	PAGE	3
NO. 62528		8		2	

1 BLOCK 42 CONTINUED

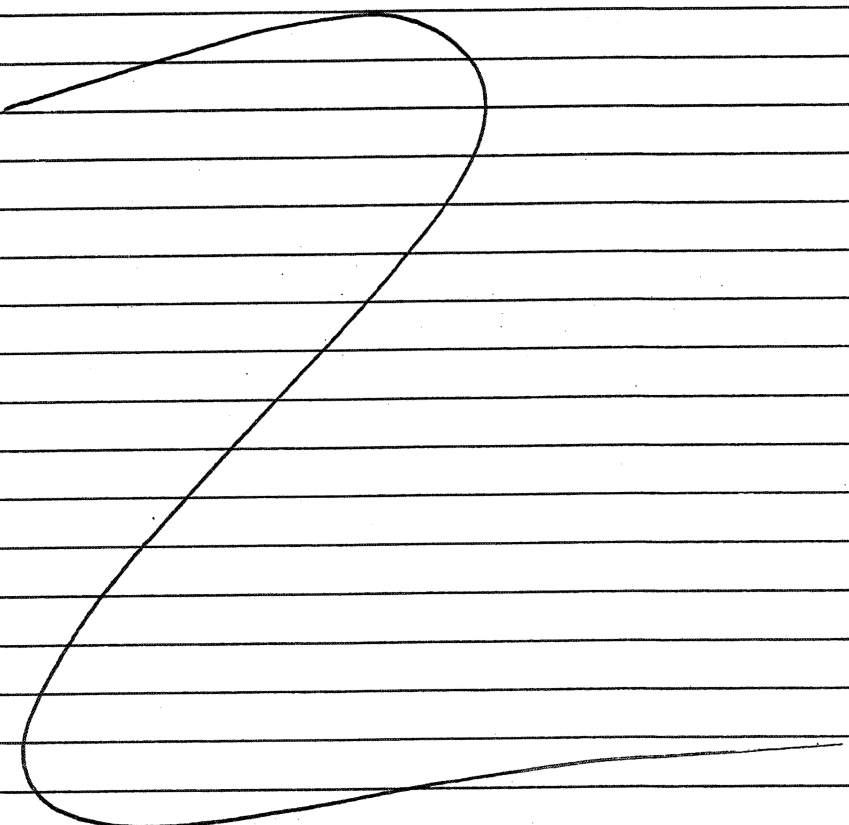
2 SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

3 ENG MIB [REDACTED] 11/18/02
4 PAMIB [REDACTED] 11/19/02
5

6 BLOCK 42 CONTD.

7 ALL WORK ON THIS ITEM IS COMPLETE AND ACCEPTABLE.

8 [REDACTED]
9 PA [REDACTED] 11-18-02
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NONCONFORMANCE ITEM DATA

NCD NUMBER	A1	ITEM	A2	PAGE	A3
NO. 62528		9		1	

ITEM	1	PART NUMBER	2	TRACEABILITY NUMBER	3	LOT QTY	4	QTY REJ	5	UOM	6
9	809.11041234-049	00000001313				1	1			EA	
PART NAME	7	PI NUMBER	8	STEP NO	9	SHEET / ZONE / VIEW	10	CA TYPE	11		
BRACKET, ISOLATOR ASSEMBLY								110	C		
DEFECT CODE	12	HDWR CODE	13	CC 14	EF BADGE	15	FAILURE	16	CRIT 17	DEPT FND	18
BKDCQDR	C	SN	SI				Y	(N)		3741	0000
INTEGRATED BY	19	DATE	20	WELD TYPE	21	ORIG WELD	22	DETECT METHOD	23		
		11/15/02		T / V / S							
VALIDATED BY	24	DATE	25	MATERIAL THICKNESS	26	DEFECT LOC	27				
		11-15-2		ACTUAL	DRAWING	ISL / OSL					
RELIABILITY ASSURANCE	28	BADGE	29	DATE	30	REP ATTEMPT	31	ISL / OSL			
DISCREPANCY DESCRIPTION	32	REPAIR	33	DEFECT LOCATION	34	DEFECT LENGTH	35				

SUSPECT MS 20605 R4W4 BLIND RIVETS DO NOT MEET
STP 2002 GAPPING OR STP 2003 FLUSHNESS REQUIREMENTS
AS REQUIRED BY ENGINEERING DRAWING.

CAUSE	VENDOR ERROR	36
CORRECTIVE ACTION	SCAR-02-078	37

CAC 38	CAUSE & CORRECTIVE ACTION ACCEPTANCE	BADGE	DATE	39	CAUSE & CORRECTIVE ACTION REVIEW	BADGE	DATE	40
5			3/20/02				3/26/02	

☒ MRB		DISPOSITION SUBMIT TO G-6 FOR EVALUATION.		42 SHOP STAMP		INSP STAMP MSS 11-19		CUST STAMP	
				VISUAL INSPECTION		PROD OPS X-RAY			
				ACCEPT REJECT		ACCEPT REJECT			
BLOCK 19 CONT'D: WAS "0000": NOW "0012." SCAC [REDACTED] 15NOV02				WELDER		PA X-RAY			
						ACCEPT REJECT			
				WELD WIRE ACCEPTANCE		PENETRANT			
				ACCEPT REJECT		ACCEPT REJECT			
				REPAIR PER SRI W-001		WELD WIRE LAB TICKET			
				PCN		WELD WIRE LOT NUMBER			

MR CD 56	LAB / LICALL	57	SRI NUMBER 58	NUMBER OF ATTACHMENTS 59	NUMBER OF NCSDs 60
3				1 2 3 4 5 6 7 8 9 10 0	1 2 3 4 5 6 7 8 9 10 1

NCSD

NONCONFORMANCE SUPPLEMENTAL DATA

NCD NUMBER	1	ITEM	2	PAGE	3
N062528		9		2	

1 ~~Block 42 CONTINUED~~

2 SEE ATTACHMENT 1-1 FOR ENGINEERING DISPOSITION.

3 ENG MRR [REDACTED] 11/18/02
4 PAMRB [REDACTED] 11/19/02
5

6 BLOCK 42 CONTD.

7 ALL WORK ON THIS NCD IS COMPLETE AND ACCEPTABLE AND THE
8 WITHHELD TAG HAS BEEN DESTROYED.

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10 AD [REDACTED] 11-19-02
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