

INDEPENDENT ORBITER ASSESSMENT

**ASSESSMENT OF THE
ELECTRICAL POWER
DISTRIBUTION AND CONTROL
SUBSYSTEM
VOLUME 3 OF 3**

26 FEBRUARY 1988



APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6188
 NASA FMEA #: 05-6-2485-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6188
 ITEM: HYBRID DRIVER TYPE II (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(1)". IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6189
 NASA FMEA #: 05-6-2485-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6189
 ITEM: HYBRID DRIVER TYPE II (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(1)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6190
 NASA FMEA #: 05-6-2485-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6190
 ITEM: HYBRID DRIVER TYPE II (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(2)".

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6191
 NASA FMEA #: 05-6-2485-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6191
 ITEM: HYBRID DRIVER TYPE II (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(2)". IOA CONCURS
 WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6192
 NASA FMEA #: 05-6-2485-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6192
 ITEM: HYBRID DRIVER TYPE II (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(3)". IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6193
 NASA FMEA #: 05-6-2485-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6193
 ITEM: HYBRID DRIVER TYPE II (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(3)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6194
 NASA FMEA #: 05-6-2486-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6194
 ITEM: HYBRID DRIVER TYPE III (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(1)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6195
 NASA FMEA #: 05-6-2486-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6195
 ITEM: HYBRID DRIVER TYPE III (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(1)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6196
 NASA FMEA #: 05-6-2486-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6196
 ITEM: HYBRID DRIVER TYPE III (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [:] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(2)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6197
 NASA FMEA #: 05-6-2486-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6197
 ITEM: HYBRID DRIVER TYPE III (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(2)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6198
 NASA FMEA #: 05-6-2486-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6198
 ITEM: HYBRID DRIVER TYPE III (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(3)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6199
 NASA FMEA #: 05-6-2486-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6199
 ITEM: HYBRID DRIVER TYPE III (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(3)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6200
 NASA FMEA #: 05-6-2487-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6200
 ITEM: HYBRID DRIVER TYPE III (INV 3 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6201
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6201
ITEM: HYBRID DRIVER TYPE III (INV 3 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* **CIL RETENTION RATIONALE:** (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6202
 NASA FMEA #: 05-6-2487-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6202
 ITEM: HYBRID DRIVER TYPE III (INV 3 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6203
 NASA FMEA #: 05-6-2487-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6203
 ITEM: HYBRID DRIVER TYPE III (INV 3 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6204
 NASA FMEA #: 05-6-2487-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6204
 ITEM: HYBRID DRIVER TYPE III (INV 3 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6205
 NASA FMEA #: 05-6-2487-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6205
 ITEM: HYBRID DRIVER TYPE III (INV 3 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6206
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6206
 ITEM: FUSE, 3A TO AC BUS 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6207
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6207
 ITEM: FUSE, 3A TO AC BUS 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6208
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6208
ITEM: FUSE, 3A TO AC BUS 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6209
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6209
 ITEM: FUSE, 3A TO AC BUS 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6210
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6210
 ITEM: FUSE, 3A TO AC BUS 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6211
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6211
 ITEM: FUSE, 3A TO AC BUS 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6212
 NASA FMEA #: 05-6-2287-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6212
 ITEM: FUSE, 80A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6213
 NASA FMEA #: 05-6-2287-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6213
 ITEM: FUSE, 80A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6214
 NASA FMEA #: 05-6-2287-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6214
 ITEM: FUSE, 80A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6215
 NASA FMEA #: 05-6-2199-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6215
 ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6216
 NASA FMEA #: 05-6-2199-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6216
 ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6217
 NASA FMEA #: 05-6-2199-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6217
 ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6218
 NASA FMEA #: 05-6-2199-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6218
 ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6219
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6219
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6220
 NASA FMEA #: 05-6-2199-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6220
 ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6221
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6221
 ITEM: DIODE TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6222
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6222
 ITEM: DIODE TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6223
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6223
 ITEM: DIODE TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6224
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6224
 ITEM: DIODE TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6225
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6225
 ITEM: DIODE TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6226
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6226
 ITEM: DIODE TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6227
 NASA FMEA #: 05-6-2346-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6227
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6228
 NASA FMEA #: 05-6-2346-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6228
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6229
 NASA FMEA #: 05-6-2346-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6229
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6230
 NASA FMEA #: 05-6-2390-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6230
 ITEM: RPC, 7.5A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6231
 NASA FMEA #: 05-6-2390-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6231
 ITEM: RPC, 7.5A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6232
 NASA FMEA #: 05-6-2390-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6232
 ITEM: RPC, 7.5A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6233
 NASA FMEA #: 05-6-2390-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6233
 ITEM: RPC, 7.5A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6234
 NASA FMEA #: 05-6-2390-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6234
 ITEM: RPC, 7.5A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6235
 NASA FMEA #: 05-6-2390-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6235
 ITEM: - RPC, 7.5A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6236
 NASA FMEA #: 05-6-2139-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6236
 ITEM: RELAY, LATCHING TO INVERTER 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6237	BASELINE []
NASA FMEA #: 05-6-2139-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6237
ITEM: RELAY, LATCHING TO INVERTER 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C		
NASA	[3 /1R]	[P]	[F]	[P]	[X] *	
IOA	[3 /3]	[]	[]	[]	[]	
COMPARE	[/N]	[N]	[N]	[N]	[N]	

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6238
 NASA FMEA #: 05-6-2139-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6238
 ITEM: RELAY, LATCHING TO INVERTER 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6240
 NASA FMEA #: 05-6-2139-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6240
 ITEM: RELAY, LATCHING TO INVERTER 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6242
 NASA FMEA #: 05-6-2015-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6242
 ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6243
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6243
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
 ASSESSMENT ID: EPD&C-6244
 NASA FMEA #: 05-6-2015-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6244
 ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6245
 NASA FMEA #: 05-6-2015-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6245
 ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6245A
 NASA FMEA #: 05-6-2015-5

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6245
 ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6246
 NASA FMEA #: 05-6-2015-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6246
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6247
 NASA FMEA #: 05-6-2015-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6247
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
 ASSESSMENT ID: EPD&C-6248
 NASA FMEA #: 05-6-2015-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6248
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6249
 NASA FMEA #: 05-6-2015-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6249
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6249A
 NASA FMEA #: 05-6-2015-5

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6249
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6250
 NASA FMEA #: 05-6-2015-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6250
 ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6251
 NASA FMEA #: 05-6-2015-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6251
 ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
 ASSESSMENT ID: EPD&C-6252
 NASA FMEA #: 05-6-2015-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6252
 ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6253
 NASA FMEA #: 05-6-2015-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6253
 ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6253A
 NASA FMEA #: 05-6-2015-5

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6253
 ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6254	BASELINE []
NASA FMEA #: 05-6-2475-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6254
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)
 [/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)
ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6255
 NASA FMEA #: 05-6-2475-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6255
 ITEM: HYBRID DRIVER TYPE III (AC BUS 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION BECAUSE IOA THOUGHT THE INVERTER INPUT POWER WAS SUPPLIED THROUGH A LATCHING RELAY AND THE RELAY DOES NOT LATCH.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87 NASA DATA:
ASSESSMENT ID: EPD&C-6256 BASELINE []
NASA FMEA #: 05-6-2474-1 NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6256
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE DESIGNATOR SHOULD READ "83V76A18AR(III)J1-109".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6257
 NASA FMEA #: 05-6-2474-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6257
 ITEM: HYBRID DRIVER TYPE III (AC BUS 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR(III)J1-109".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
 ASSESSMENT ID: EPD&C-6258
 NASA FMEA #: 05-6-2216-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6258
 ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "ON" POSITION, "ON" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
 ASSESSMENT ID: EPD&C-6259
 NASA FMEA #: 05-6-2216-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6259
 ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: "FAILS CLOSED IN "OFF" POSITION, "OFF" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6260
NASA FMEA #: 05-6-2223-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6260
ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS OPEN OR SHORTS TO GROUND - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
 ASSESSMENT ID: EPD&C-6260A
 NASA FMEA #: 05-6-2223-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6260
 ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6261
 NASA FMEA #: 05-6-2223-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6261
 ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS CLOSED IN MONITER POSITION - IOA
 CONCURS WITH NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6262
 NASA FMEA #: 05-6-2265-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6262
 ITEM: CIRCUIT BREAKER, 3A TO AC3 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6264
 NASA FMEA #: 05-6-2361-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6264
 ITEM: AC OVER/UNDER VOLT SNSR 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6265
 NASA FMEA #: 05-6-2361-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6265
 ITEM: AC OVER/UNDER VOLT SNSR 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6266
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6266
 ITEM: DIODE, BLOCKING 1A (TO 3 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6267	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6267
 ITEM: DIODE, BLOCKING 1A (TO 3 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM
		A	B	C
NASA	[3 /1R]	[P]	[NA]	[P]
IOA	[3 /3]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6268
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6268
 ITEM: DIODE, BLOCKING 1A (TO 3 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

2

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6270
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6270
 ITEM: DIODE, BLOCKING 1A (TO 3 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6271
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6271
ITEM: DIODE, BLOCKING 1A (TO 3 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* **CIL RETENTION RATIONALE:** (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6272
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6272
 ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6273	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]
SUBSYSTEM: EPD&C	
MDAC ID: 6273	
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)	
LEAD ANALYST: K. SCHMECKPEPER	

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
	A	B	C	
NASA [3 /1R]	[P]	[NA]	[P]	[] *
IOA [3 /1R]	[F]	[F]	[P]	[X]
COMPARE [/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6274
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6274
 ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6275	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6275
ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6276
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6276
 ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6277
 NASA FMEA #: 05-6-2195-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6277
 ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6278
 NASA FMEA #: 05-6-2204-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6278
 ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6279
 NASA FMEA #: 05-6-2204-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6279
 ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

C-2

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6280
 NASA FMEA #: 05-6-2204-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6280
 ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6281
 NASA FMEA #: 05-6-2204-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6281
 ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6282
 NASA FMEA #: 05-6-2204-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6282
 ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6283
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6283
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6284
 NASA FMEA #: 05-6-2347-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6284
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6285
 NASA FMEA #: 05-6-2347-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6285
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6286
 NASA FMEA #: 05-6-2347-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6286
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6287
 NASA FMEA #: 05-6-2347-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6287
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6288
 NASA FMEA #: 05-6-2347-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6288
 ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[. /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6289
 NASA FMEA #: 05-6-2349-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6289
 ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6290
 NASA FMEA #: 05-6-2332-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6290
 ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6291
 NASA FMEA #: 05-6-2332-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6291
 ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6292
 NASA FMEA #: 05-6-2349-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6292
 ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6293
 NASA FMEA #: 05-6-2353-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6293
 ITEM: RESISTOR, 100K (AC BUS 3 A CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6294
 NASA FMEA #: 05-6-2353-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6294
 ITEM: RESISTOR, 100K (AC BUS 3 B CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6295
 NASA FMEA #: 05-6-2353-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6295
 ITEM: RESISTOR, 100K (AC BUS 3 C CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6296
 NASA FMEA #: 05-6-2352-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6296
 ITEM: RESISTOR, 150K 1/2W (AC BUS 3 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6297	BASELINE []
NASA FMEA #: 05-6-2352-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6297
ITEM: RESISTOR, 150K 1/2W (AC BUS 3 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS				CIL ITEM
		A	B	C			
NASA	[3 / 3]	[]	[]	[]		[] *	
IOA	[3 / 3]	[]	[]	[]		[]	
COMPARE	[/]	[]	[]	[]		[]	

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6298
 NASA FMEA #: 05-6-2352-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6298
 ITEM: RESISTOR, 150K 1/2W (AC BUS 3 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6299
 NASA FMEA #: 05-6-2352-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6299
 ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6300
 NASA FMEA #: 05-6-2352-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6300
 ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6301
 NASA FMEA #: 05-6-2352-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6301
 ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6302
 NASA FMEA #: 05-6-2264-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6302
 ITEM: FUSE, 3A TO AC BUS 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6303
 NASA FMEA #: 05-6-2264-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6303
 ITEM: FUSE, 3A TO AC BUS 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6304
 NASA FMEA #: 05-6-2264-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6304
 ITEM: FUSE, 3A TO AC BUS 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6305
 NASA FMEA #: 05-6-2259-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6305
 ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6306
 NASA FMEA #: 05-6-2259-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6306
 ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6307
 NASA FMEA #: 05-6-2259-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6307
 ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6308
 NASA FMEA #: 05-6-2016-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6308
 ITEM: RELAY, LATCHING TO AC BUS 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6309
 NASA FMEA #: 05-6-2016-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6309
 ITEM: RELAY, LATCHING TO AC BUS 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6310
 NASA FMEA #: 05-6-2016-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6310
 ITEM: RELAY, LATCHING TO AC BUS 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6311
 NASA FMEA #: 05-6-2016-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6311
 ITEM: RELAY, LATCHING TO AC BUS 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6312
 NASA FMEA #: 05-6-2016-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6312
 ITEM: RELAY, LATCHING TO AC BUS 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6314
 NASA FMEA #: 05-6-2298-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6314
 ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6315
 NASA FMEA #: 05-6-2298-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6315
 ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6316
 NASA FMEA #: 05-6-2298-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6316
 ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6317
 NASA FMEA #: 05-6-2298-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6317
 ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6318
 NASA FMEA #: 05-6-2232-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6318
 ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6319
 NASA FMEA #: 05-6-2232-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6319
 ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6320
 NASA FMEA #: 05-6-2232-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6320
 ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6321
 NASA FMEA #: 05-6-2232-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6321
 ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6323
 NASA FMEA #: 05-6-2611-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6323
 ITEM: CIRCUIT BREAKER AC 3A TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6324
 NASA FMEA #: 05-6-2611-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6324
 ITEM: CIRCUIT BREAKER AC 3B TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A "POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6325
 NASA FMEA #: 05-6-2611-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6325
 ITEM: CIRCUIT BREAKER AC 3B TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6326
 NASA FMEA #: 05-6-2611-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6326
 ITEM: CIRCUIT BREAKER AC 3C TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A "POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6327
 NASA FMEA #: 05-6-2611-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6327
 ITEM: CIRCUIT BREAKER AC 3C TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6328
 NASA FMEA #: 05-6-2618-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6328
 ITEM: CIRCUIT BREAKER TO FMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6329
 NASA FMEA #: 05-6-2618-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6329
 ITEM: CIRCUIT BREAKER TO FMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6330
 NASA FMEA #: 05-6-2614-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6330
 ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6331
 NASA FMEA #: 05-6-2614-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6331
 ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF "PSYCHOTIC GPC" CONCERNS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6332
 NASA FMEA #: 05-6-2613-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6332
 ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6333
 NASA FMEA #: 05-6-2613-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6333
 ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
 "PSYCHOTIC GPC" CONCERNS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6334
 NASA FMEA #: 05-6-2612-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6334
 ITEM: CIRCUIT BREAKER TO AMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6335
 NASA FMEA #: 05-6-2612-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6335
 ITEM: CIRCUIT BREAKER TO AMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6336
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6336
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6337
 NASA FMEA #: 05-6EB-2004-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6337
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6338
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6338
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87	NASA DATA:
ASSESSMENT ID: EPD&C-6339	BASELINE []
NASA FMEA #: 05-6EB-2004-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6339
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6340
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6340
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6341
 NASA FMEA #: 05-6EB-2004-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6341
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6342
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6342
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6343
 NASA FMEA #: 05-6EB-2004-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6343
 ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6344
 NASA FMEA #: 05-6-2757-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6344
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6344A
 NASA FMEA #: 05-6-2757-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6344
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6345
NASA FMEA #: 05-6-2757-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6345
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITOR THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6346
 NASA FMEA #: 05-6-2757-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6346
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6346A
 NASA FMEA #: 05-6-2757-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6346
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6347
 NASA FMEA #: 05-6-2757-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6347
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6348
 NASA FMEA #: 05-6-2753-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6348
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6348A
 NASA FMEA #: 05-6-2753-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6348
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6349
NASA FMEA #: 05-6-2753-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6349
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6350
 NASA FMEA #: 05-6-2753-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6350
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
 ASSESSMENT ID: EPD&C-6350A
 NASA FMEA #: 05-6-2753-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6350
 ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6351
NASA FMEA #: 05-6-2753-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6351
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITOR THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6352
 NASA FMEA #: 05-6-2359-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6352
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 7/02/87	NASA DATA:
ASSESSMENT ID: EPD&C-6352A	BASELINE []
NASA FMEA #: 05-6-2359-2	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6352
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6353
 NASA FMEA #: 05-6-2359-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6353
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6353A
 NASA FMEA #: 05-6-2359-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6353
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6354
 NASA FMEA #: 05-6-2359-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6354
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6354A
 NASA FMEA #: 05-6-2359-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6354
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6355
 NASA FMEA #: 05-6-2359-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6355
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6355A
 NASA FMEA #: 05-6-2359-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6355
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6356
 NASA FMEA #: 05-6-2231-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6356
 ITEM: SWITCH, TOGGLE DPDT (MEC 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS" TO THIS FMEA. IOA
 CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6357
 NASA FMEA #: 05-6-2231-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6357
 ITEM: SWITCH, TOGGLE DPDT (MEC 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6358
 NASA FMEA #: 05-6-2231-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6358
 ITEM: SWITCH, TOGGLE DPDT (MEC 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS" TO THIS FMEA. IOA
 CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6359	BASELINE []
NASA FMEA #: 05-6-2231-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6359
ITEM: SWITCH, TOGGLE DPDT (MEC 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM	
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6360
 NASA FMEA #: 05-6-2360-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6360
 ITEM: RESISTOR, 5.1K 1/4W TO MDM OA1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6362
 NASA FMEA #: 05-6-2393-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6362
 ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6363
 NASA FMEA #: 05-6-2393-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6363
 ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6364
 NASA FMEA #: 05-6-2393-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6364
 ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6365
 NASA FMEA #: 05-6-2393-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6365
 ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6366
 NASA FMEA #: 05-6-2393-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6366
 ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6367
 NASA FMEA #: 05-6-2393-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6367
 ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6368
 NASA FMEA #: 05-6-2393-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6368
 ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6369
 NASA FMEA #: 05-6-2393-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6369
 ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6370
 NASA FMEA #: 05-6-2181-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6370
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [:]
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6371
 NASA FMEA #: 05-6-2181-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6371
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] : []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6372
 NASA FMEA #: 05-6-2181-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6372
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6373	BASELINE []
NASA FMEA #: 05-6-2181-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6373
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6374
NASA FMEA #: 05-6-2181-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6374
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] : [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/19/87	NASA DATA:	
ASSESSMENT ID:	EPD&C-6375	BASELINE	[]
NASA FMEA #:	05-6-2181-2	NEW	[X]
SUBSYSTEM:	EPD&C		
MDAC ID:	6375		
ITEM:	DIODE, ISOLATION 12A (TO CONT BUS CA3)		
LEAD ANALYST:	K. SCHMECKPEPER		

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6376
 NASA FMEA #: 05-6-2183-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6376
 ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6377
NASA FMEA #: 05-6-2183-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6377
ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH THE NASA AFTER LEARNING OF THE FUEL CELL SAFING
CONCERNS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6378
 NASA FMEA #: 05-6-2184-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6378
 ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
 IOA CONCURS WITH NASA AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6379
 NASA FMEA #: 05-6-2184-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6379
 ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA AFTER LEARNING OF FUEL CELL SAFING CONCERNS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6380
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6380
 ITEM: DIODE TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6381
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6381
 ITEM: DIODE TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6382
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6382
 ITEM: DIODE TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6383
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6383
 ITEM: DIODE TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6384
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6384
 ITEM: DIODE TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6385
 NASA FMEA #: 05-6-2200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6385
 ITEM: DIODE TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6386
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6386
 ITEM: FUSE, 3A TO AC BUS 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6387
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6387
 ITEM: FUSE, 3A TO AC BUS 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6388
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6388
 ITEM: FUSE, 3A TO AC BUS 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6389
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6389
 ITEM: FUSE, 3A TO AC BUS 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6390
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6390
 ITEM: FUSE, 3A TO AC BUS 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6391
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6391
 ITEM: FUSE, 3A TO AC BUS 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6392
 NASA FMEA #: NEW # UNKNOWN

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6392
 ITEM: FUSE, 3A TO AC BUS 3 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6393
 NASA FMEA #: NEW # UNKNOWN

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6393
 ITEM: FUSE, 3A TO AC BUS 3 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6394
 NASA FMEA #: 05-6-2202-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6394
 ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6395	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6395
ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
-------------	--------	--------	--------	------------------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6396
 NASA FMEA #: 05-6-2202-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6396
 ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6397	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6397
 ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6398
 NASA FMEA #: 05-6-2202-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6398
 ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6399	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6399
 ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS	CIL ITEM
		A B C	
NASA	[3 /1R]	[P] [NA] [P]	[] *
IOA	[3 /3]	[] [] []	[]
COMPARE	[/N]	[N] [N] [N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6400	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6400
 ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
 INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6401	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6401
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM	
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6403	BASELINE []
NASA FMEA #: 05-6-2202-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6403
ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS	A	B	C	CIL ITEM
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6404
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6404
 ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6405	BASELINE []
NASA FMEA #: 05-6-2202-2	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6405
 ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM
		A	B	C
NASA	[3 / 3]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]
COMPARE	[/]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6406
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6406
 ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6407
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6407
 ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS: ,

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6408
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6408
 ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6409	BASELINE []
NASA FMEA #: 05-6-2202-2	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6409
 ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6410
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6410
 ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6411
 NASA FMEA #: 05-6-2202-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6411
 ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6412
 NASA FMEA #: 05-6-2192-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6412
 ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6413
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6413
ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6414
 NASA FMEA #: 05-6-2192-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6414
 ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6416
 NASA FMEA #: 05-6-2192-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6416
 ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6417	BASELINE []
NASA FMEA #: 05-6-2192-2	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6417
 ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS				CIL ITEM
		A	B	C			
NASA	[3 / 3]	[]	[]	[]		[] *	
IOA	[3 / 3]	[]	[]	[]		[]	
COMPARE	[/]	[]	[]	[]		[]	

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]
					(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6418
 NASA FMEA #: 05-6-2192-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6418
 ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6419
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6419
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	* []
IOA	[3 / 3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6420
 NASA FMEA #: 05-6-2192-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6420
 ITEM: DIODE, ISOLATION TO INV 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6422
 NASA FMEA #: 05-6-2192-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6422
 ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/04/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6423	BASELINE []
NASA FMEA #:	05-6-2192-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6423
ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY	REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	A	B	C	
	HDW/FUNC				
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6424
 NASA FMEA #: 05-6-2192-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6424
 ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6425	BASELINE []
NASA FMEA #: 05-6-2192-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6425
ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM
		A	B	C
NASA	[3 / 3]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]
COMPARE	[/]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
-------------	--------	--------	--------	------------------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6426
 NASA FMEA #: 05-6-2192-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6426
 ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6427
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6427
ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6428
 NASA FMEA #: 05-6-2192-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6428
 ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6429
 NASA FMEA #: 05-6-2192-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6429
 ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6430
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6430
 ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6431
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6431
 ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6432
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6432
 ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6434
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6434
 ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6435
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6435
 ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6436
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6436
 ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6437	BASELINE []
NASA FMEA #: 05-6-2201-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6437
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6438
 NASA FMEA #: 05-6-2201-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6438
 ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6439
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6439
 ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6440
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6440
 ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6441	BASELINE []
NASA FMEA #: 05-6-2201-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6441
ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6442
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6442
 ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6443
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6443
 ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6444
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6444
 ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD 'BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6445
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6445
 ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6446
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6446
 ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6447
 NASA FMEA #: 05-6-2201-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6447
 ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6448
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6448
 ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6449	BASELINE []
NASA FMEA #: 05-6-2193-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6449
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
-------------	--------	--------	--------	------------------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6450
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6450
 ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6451
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6451
 ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6452
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6452
 ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6453
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6453
ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6454
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6454
 ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6455
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6455
 ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6456
 NASA FMEA #: 05-6-2193-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6456
 ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6457
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6457
 ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6458
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6458
 ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6459
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6459
 ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6460
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6460
 ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6461
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6461
 ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6462
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6462
 ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6463
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6463
 ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6464
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6464
 ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6465
 NASA FMEA #: 05-6-2193-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6465
 ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

c-4

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
 ASSESSMENT ID: EPD&C-6466A
 NASA FMEA #: 05-6-2217-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6466
 ITEM: SWITCH, ROTARY 4P9P, DC INDICATOR SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6466
 NASA FMEA #: 05-6-2217-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6466
 ITEM: SWITCH, ROTARY 4P9P, DC INDICATOR SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6467
 NASA FMEA #: 05-6-2221-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6467
 ITEM: SWITCH, ROTARY DP9P, AC DISPLAY SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6468	BASELINE []
NASA FMEA #: 05-6-2301-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6468
 ITEM: INDICATOR, EVENT (FC/MAIN BUS A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM
		A	B	C
NASA	[3 / 3]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]
COMPARE	[/]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6469
 NASA FMEA #: 05-6-2301-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6469
 ITEM: INDICATOR, EVENT (FC/MAIN BUS B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6470
 NASA FMEA #: 05-6-2301-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6470
 ITEM: INDICATOR, EVENT (FC/MAIN BUS C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6471
 NASA FMEA #: 05-6-2302-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6471
 ITEM: INDICATOR, EVENT (MAIN TIE BUS A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6473
 NASA FMEA #: 05-6-2302-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6473
 ITEM: INDICATOR, EVENT (MAIN TIE BUS C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6474
 NASA FMEA #: 05-6-2306-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6474
 ITEM: INDICATOR, EVENT (INV/AC BUS #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []:
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6475
 NASA FMEA #: 05-6-2306-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6475
 ITEM: INDICATOR, EVENT (INV/AC BUS #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6476
NASA FMEA #: 05-6-2306-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6476
ITEM: INDICATOR, EVENT (INV/AC BUS #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

2

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6477
 NASA FMEA #: 05-6-2307-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6477
 ITEM: INDICATER, EVENT (INVERTER PWR #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6479
 NASA FMEA #: 05-6-2307-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6479
 ITEM: INDICATER, EVENT (INVERTER PWR #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6480
 NASA FMEA #: 05-6-2311-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6480
 ITEM: INDICATER, EVENT (PAYLOAD PRI MN B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6481
 NASA FMEA #: 05-6-2311-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6481
 ITEM: INDICATER, EVENT (PAYLOAD PRI MN C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6482
 NASA FMEA #: 05-6-2311-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6482
 ITEM: INDICATER, EVENT (PAYLOAD PRI FC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6483
 NASA FMEA #: 05-6-2310-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6483
 ITEM: INDICATER, EVENT (STRUCT RTN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 FAILURE MODE CHANGED TO SHORTS

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
 ASSESSMENT ID: EPD&C-6483A
 NASA FMEA #: 05-6-2310-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6483
 ITEM: INDICATER, EVENT (STRUCT RTN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6484
 NASA FMEA #: 05-6-2303-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6484
 ITEM: DC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS SHORTED OR SHORTS TO GROUND.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
 ASSESSMENT ID: EPD&C-6484A
 NASA FMEA #: 05-6-2303-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6484
 ITEM: DC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6485
 NASA FMEA #: 05-6-2304-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6485
 ITEM: DC AMMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] : []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6486
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6486
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 1BC)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6487
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6487
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 1BC)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6488
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6488
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 2CA)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6489
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6489
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 2CA)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6490
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6490
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6491
 NASA FMEA #: 05-6-2331-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6491
 ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6492
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6492
 ITEM: CURRENT SENSOR, AC 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6493
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6493
 ITEM: CURRENT SENSOR, AC 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6494
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6494
 ITEM: CURRENT SENSOR, AC 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6495
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6495
 ITEM: CURRENT SENSOR, AC 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6496
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6496
 ITEM: CURRENT SENSOR, AC 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6497
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6497
 ITEM: CURRENT SENSOR, AC 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6498
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6498
 ITEM: CURRENT SENSOR, AC 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6499
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6499
 ITEM: CURRENT SENSOR, AC 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6500
 NASA FMEA #: 05-6-2362-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6500
 ITEM: CURRENT SENSOR, AC 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6501	BASELINE []
NASA FMEA #: 05-6-2363-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6501
 ITEM: CURRENT SENSOR, DC (MDDA-1 TO APCA-4)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY	REDUNDANCY SCREENS			CIL ITEM
	FLIGHT HDW/FUNC	A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
(ADD/DELETE)				

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6502
NASA FMEA #: 05-6-2363-1
NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6502
ITEM: CURRENT SENSOR, DC (MDDA-1 TO FPCA-1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6503
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6503
 ITEM: CURRENT SENSOR, DC (MDDA-1 TO MPCA-1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6504	BASELINE []
NASA FMEA #: 05-6-2363-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6504
 ITEM: CURRENT SENSOR, DC (MDDA-2 TO APCA-5)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS				CIL ITEM
		A	B	C			
NASA	[3 / 3]	[]	[]	[]		[] *	
IOA	[3 / 3]	[]	[]	[]		[]	
COMPARE	[/]	[]	[]	[]		[]	

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]		[]	
					(ADD/DELETE)	

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6505
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6505
 ITEM: CURRENT SENSOR, DC (APCA-2 TO AFT PAYLOAD)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6506
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6506
 ITEM: CURRENT SENSOR, DC (MDDA-2 TO FPCA-2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6507
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6507
 ITEM: CURRENT SENSOR, DC (MDDA-2 TO MPCA-2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6508
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6508
 ITEM: CURRENT SENSOR, DC (MDDA-3 TO APCA-6)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6509
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6509
 ITEM: CURRENT SENSOR, DC (APCA-3 TO AFT PAYLOAD)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6510
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6510
 ITEM: CURRENT SENSOR, DC (MDDA-3 TO FPCA-3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6511
 NASA FMEA #: 05-6-2363-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6511
 ITEM: CURRENT SENSOR, DC (MDDA-3 TO MPCA-3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6512
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6512
 ITEM: CIRCUIT BREAKER, 3A (AC 1A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6513
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6513
 ITEM: CIRCUIT BREAKER, 3A (AC 1B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6514
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6514
 ITEM: CIRCUIT BREAKER, 3A (AC 1C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6515
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6515
 ITEM: CIRCUIT BREAKER, 3A (AC 2A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6516
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6516
 ITEM: CIRCUIT BREAKER, 3A (AC 2B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6517
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6517
 ITEM: CIRCUIT BREAKER, 3A (AC 2C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6518
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6518
 ITEM: CIRCUIT BREAKER, 3A (AC 3A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6519
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6519
 ITEM: CIRCUIT BREAKER, 3A (AC 3B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6520
 NASA FMEA #: 05-6-2617-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6520
 ITEM: CIRCUIT BREAKER, 3A (AC 3C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6521
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6521
 ITEM: CIRCUIT BREAKER, 3A (AC 1A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6522
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6522
 ITEM: CIRCUIT BREAKER, 3A (AC 1B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6523
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6523
 ITEM: CIRCUIT BREAKER, 3A (AC 1C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6524
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6524
 ITEM: CIRCUIT BREAKER, 3A (AC 2A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6525
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6525
 ITEM: CIRCUIT BREAKER, 3A (AC 2B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6526
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6526
 ITEM: CIRCUIT BREAKER, 3A (AC 2C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6527
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6527
 ITEM: CIRCUIT BREAKER, 3A (AC 3A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6528
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6528
 ITEM: CIRCUIT BREAKER, 3A (AC 3B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/17/87
 ASSESSMENT ID: EPD&C-6529
 NASA FMEA #: 05-6-2617-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6529
 ITEM: CIRCUIT BREAKER, 3A (AC 3C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87	NASA DATA:
ASSESSMENT ID: EPD&C-6530	BASELINE []
NASA FMEA #: 05-6-2494-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6530
ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS	CIL ITEM
		A	B	C
NASA	[3 /1R]	[P]	[P]	[P]
IOA	[3 /1R]	[P]	[F]	[P]
COMPARE	[/]	[]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------	-----	-----	-----	-----

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(32)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6531
 NASA FMEA #: 05-6-2494-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6531
 ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(32)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6532
 NASA FMEA #: 05-6-2494-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6532
 ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(33)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6533
 NASA FMEA #: 05-6-2494-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6533
 ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(33)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6534
 NASA FMEA #: 05-6-2494-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6534
 ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(32)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6535
 NASA FMEA #: 05-6-2494-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6535
 ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(32)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6536
 NASA FMEA #: 05-6-2494-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6536
 ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(33)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6537
 NASA FMEA #: 05-6-2494-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6537
 ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(33)".

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**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6538
 NASA FMEA #: 05-6-2495-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6538
 ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6539
 NASA FMEA #: 05-6-2495-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6539
 ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87	NASA DATA:
ASSESSMENT ID: EPD&C-6540	BASELINE []
NASA FMEA #: 05-6-2495-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6540
 ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6541
 NASA FMEA #: 05-6-2495-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6541
 ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6542
 NASA FMEA #: 05-6-2495-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6542
 ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6543
 NASA FMEA #: 05-6-2495-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6543
 ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6544
 NASA FMEA #: 05-6-2495-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6544
 ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6545
 NASA FMEA #: 05-6-2495-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6545
 ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6546
NASA FMEA #: 05-6-2496-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6546
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ8(27)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6547
 NASA FMEA #: 05-6-2496-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6547
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ8(27)".

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6548
 NASA FMEA #: 05-6-2496-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6548
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(25)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6549
 NASA FMEA #: 05-6-2496-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6549
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(25)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6550
 NASA FMEA #: 05-6-2496-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6550
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(54)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6551
 NASA FMEA #: 05-6-2496-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6551
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(54)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6553
 NASA FMEA #: 05-6-2496-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6553
 ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
 REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(57)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6554
 NASA FMEA #: 05-6-2328-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6554
 ITEM: RESISTOR, 5.1K TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6555
 NASA FMEA #: 05-6-2328-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6555
 ITEM: RESISTOR, 5.1K TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6556
 NASA FMEA #: 05-6-2328-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6556
 ITEM: RESISTOR, 5.1K TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6557
 NASA FMEA #: 05-6-2328-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6557
 ITEM: RESISTOR, 5.1K TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6558
 NASA FMEA #: 05-6-2330-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6558
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ8(27)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6558A
 NASA FMEA #: 05-6-2330-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6558
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ8(27)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6559
 NASA FMEA #: 05-6-2330-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6559
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(25)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6559A
 NASA FMEA #: 05-6-2330-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6559
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(25)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6560
 NASA FMEA #: 05-6-2330-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6560
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(54)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6560A
 NASA FMEA #: 05-6-2330-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6560
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(54)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6561
 NASA FMEA #: 05-6-2330-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6561
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(57)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6561A
 NASA FMEA #: 05-6-2330-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6561
 ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(57)".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6562
 NASA FMEA #: 05-6-2329-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6562
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6562A
 NASA FMEA #: 05-6-2329-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6562
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6563
 NASA FMEA #: 05-6-2329-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6563
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6563A
 NASA FMEA #: 05-6-2329-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6563
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6564
 NASA FMEA #: 05-6-2329-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6564
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6564A
 NASA FMEA #: 05-6-2329-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6564
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6565
 NASA FMEA #: 05-6-2329-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6565
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6565A
 NASA FMEA #: 05-6-2329-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6565
 ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6566
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6566
 ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6567
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6567
 ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6568
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6568
 ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6569
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6569
 ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6570
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6570
 ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6571
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6571
 ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6572
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6572
 ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6573
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6573
 ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6574
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6574
 ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6575
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6575
 ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6576
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6576
 ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6577
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6577
 ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6578
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6578
 ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6579
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6579
 ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6580
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6580
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6581
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6581
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6582
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6582
 ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6583
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6583
 ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6584
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6584
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6585
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6585
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6586
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6586
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6587
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6587
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6588
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6588
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[]
IOA	[3 /1R]	[P]	[F]	[P]	[X] *
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6589
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6589
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87	NASA DATA:
ASSESSMENT ID: EPD&C-6590	BASELINE []
NASA FMEA #: NONE	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6590
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[] (ADD/DELETE)
-----------	-------	-------	-------	-----------------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6591
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6591
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6592
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6592
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	
IOA	[3 /1R]	[P]	[F]	[P]	[] *
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6593
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6593
 ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6594
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6594
 ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6595
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6595
 ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6596
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6596
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6597
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6597
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6598
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6598
 ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6599
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6599
 ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6600
 NASA FMEA #: 05-6-2391-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6600
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6601
 NASA FMEA #: 05-6-2391-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6601
 ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6602
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6602
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6603
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6603
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6604
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6604
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6605
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6605
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6606
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6606
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6607
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6607
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [:]
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6608
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6608
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] : []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6609
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6609
 ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6610
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6610
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	* []
IOA	[3 / 3]	[]	[]	[]	
] COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6611
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6611
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6612
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6612
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6613
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6613
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6614
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6614
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6615
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6615
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6616
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6616
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6617
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6617
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6618
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6618
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6619
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6619
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6620
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6620
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
 CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6621
 NASA FMEA #: NONE

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6621
 ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6622
 NASA FMEA #: 05-6-2143-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6622
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6623A
 NASA FMEA #: 05-6-2143-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6623
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6623
 NASA FMEA #: 05-6-2143-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6623
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6623B
 NASA FMEA #: 05-6-2143-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6623
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6624
 NASA FMEA #: 05-6-2143-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6624
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6625A
 NASA FMEA #: 05-6-2143-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6625
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6625
 NASA FMEA #: 05-6-2143-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6625
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6625B
 NASA FMEA #: 05-6-2143-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6625
 ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6626
 NASA FMEA #: 05-6-2143-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6626
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6627A
 NASA FMEA #: 05-6-2143-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6627
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6627
 NASA FMEA #: 05-6-2143-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6627
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6627B
 NASA FMEA #: 05-6-2143-4

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6627
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6628
 NASA FMEA #: 05-6-2143-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6628
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6629A
 NASA FMEA #: 05-6-2143-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6629
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6629
 NASA FMEA #: 05-6-2143-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6629
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6629B
NASA FMEA #: 05-6-2143-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6629
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6630
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6630
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6631
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6631
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6632
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6632
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6633
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6633
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6634
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6634
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6635
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6635
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6636
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6636
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6637
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6637
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6638
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6638
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6639
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6639
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6640
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6640
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

c-6

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6641
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6641
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6642
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6642
 ITEM: ACA #1 - CHANNEL 39

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6643
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6643
 ITEM: ACA #3 - CHANNEL 39

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6644
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6644
 ITEM: RSS LIGHTS - RANGE SAFE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6645
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6645
 ITEM: ACA #1 - CHANNEL 35

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6646
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6646
 ITEM: ACA #2 - CHANNEL 39

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6647
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6647
 ITEM: RSS LIGHTS - RANGE SAFE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6648
 NASA FMEA #: 05-6-2235-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6648
 ITEM: SWITCH, PUSHBUTTON (ET SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6649
 NASA FMEA #: 05-6-2235-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6649
 ITEM: SWITCH, PUSHBUTTON (ET SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[N /N]	[]	[]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION OF SEPARATION PROCEDURES.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6650
 NASA FMEA #: 05-6-2236-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6650
 ITEM: SWITCH, PUSHBUTTON (SRB SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6651
 NASA FMEA #: 05-6-2236-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6651
 ITEM: SWITCH, PUSHBUTTON (SRB SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[1 / 1]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6652
 NASA FMEA #: 05-6-2237-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6652
 ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[N /N]	[]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA HAD CORRECT ANALYSIS BUT TYPED IN THE WRONG CRIT.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6653
 NASA FMEA #: 05-6-2237-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6653
 ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6654
 NASA FMEA #: 05-6-2237-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6654
 ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP_SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[1 / 1]	[P]	[NA]	[F]	[X]
COMPARE	[N / N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS COMBINED THIS FAILURE MODE WITH 05-6-2237-1. IOA CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6655
 NASA FMEA #: 05-6-2238-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6655
 ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:
 NASA HAS ADDED THE FAILURE MODE OF "SHORTS TO GROUND" AND IOA
 CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6656
 NASA FMEA #: 05-6-2238-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6656
 ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[N /]	[]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF SEPARATION PROCEDURES.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6657
 NASA FMEA #: 05-6-2238-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6657
 ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[1 / 1]	[P]	[NA]	[F]	[X]
COMPARE	[N / N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 NASA HAS COMBINED THIS FAILURE MODE WITH 05-6-2238-1. IOA
 CONCURS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6658
 NASA FMEA #: 05-6-2604-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6658
 ITEM: FUSE, 3A TO ET TUMBLE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122FA-38-B. IOA CONCURS WITH THE NASA REEVALUATION DUE TO A CHANGE IN NSTS 22206 REGARDING HAZARDS TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6659
 NASA FMEA #: 05-6-2493-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6659
 ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ11-D. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6660
 NASA FMEA #: 05-6-2493-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6660
 ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ11-D. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6661
 NASA FMEA #: 05-6-2493-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6661
 ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ9-49. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6662
 NASA FMEA #: 05-6-2493-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6662
 ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ9-49. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6663
 NASA FMEA #: 05-6-2490-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6663
 ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6664
 NASA FMEA #: 05-6-2490-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6664
 ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -3). IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6664A
 NASA FMEA #: 05-6-2490-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6664
 ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -2).
 IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6665
 NASA FMEA #: 05-6-2490-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6665
 ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6666
 NASA FMEA #: 05-6-2490-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6666
 ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -3). IOA CONCURS WITH NASA'S REEVALUATION.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6666A
 NASA FMEA #: 05-6-2490-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6666
 ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -2).
 IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6667
 NASA FMEA #: 05-6-2491-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6667
 ITEM: MASTER EVENTS CONTROLLER #1 - NON-CRITICAL
 COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[N /]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6668
 NASA FMEA #: 05-6-2491-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6668
 ITEM: MASTER EVENTS CONTROLLER #1 - NON-CRITICAL
 COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6669
 NASA FMEA #: 05-6-2491-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6669
 ITEM: MASTER EVENTS CONTROLLER #2 - NON-CRITICAL
 COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[N /]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6670
 NASA FMEA #: 05-6-2491-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6670
 ITEM: MASTER EVENTS CONTROLLER #2 - NON-CRITICAL
 COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6671X
 NASA FMEA #: 05-6-200200-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6671
 ITEM: PREFLIGHT TEST CIRCUIT - RMS JETTISON
 CONTROL/POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6672X
 NASA FMEA #: 05-6-200400-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6672
 ITEM: ABORT MODE CONTROL/PWR CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

NASA HAS REMOVED THE ABORT MODE ROTARY SWITCH AND THE ABORT PUSHBUTTON AND COVERED THESE ITEMS IN FMEAS 05-6-2659 AND 05-6-2660, RESPECTIVELY. THE REST OF THE CIRCUIT FAILURES ARE CONSIDERED NON-CRITICAL OR DETECTABLE.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6673X
 NASA FMEA #: 05-6-200500-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6673
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6674X
 NASA FMEA #: 05-6-200510-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6674
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6675X
 NASA FMEA #: 05-6-200520-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6675
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6676X
 NASA FMEA #: 05-6-200530-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6676
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6677X
 NASA FMEA #: 05-6-200540-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6677
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6678X
 NASA FMEA #: 05-6-200550-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6678
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6679X
 NASA FMEA #: 05-6-200560-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6679
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
 4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)
 [/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)
 ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6680X
 NASA FMEA #: 05-6-200570-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6680
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA
 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6681X
 NASA FMEA #: 05-6-200580-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6681
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA
 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6682X
 NASA FMEA #: 05-6-200590-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6682
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA
 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6683X
 NASA FMEA #: 05-6-2005A-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6683
 ITEM: BUS, MAIN DC A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6684X
NASA FMEA #: 05-6-2005B-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6684
ITEM: BUS, MAIN DC B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6685X
 NASA FMEA #: 05-6-2005C-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6685
 ITEM: BUS, MAIN DC C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6686X
 NASA FMEA #: 05-6-2012-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6686
 ITEM: ESSENTIAL BUSSSES

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6687X
 NASA FMEA #: 05-6-2017-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6687
 ITEM: AC BUS 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6688X
 NASA FMEA #: 05-6-2017-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6688
 ITEM: AC BUS 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6689X
 NASA FMEA #: 05-6-205000-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6689
 ITEM: EMU POWER SUPPLY/CHARGER CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6690X
 NASA FMEA #: 05-6-205100-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6690
 ITEM: PAYLOAD POWER MONITORING CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
 ASSESSMENT ID: EPD&C-6691X
 NASA FMEA #: 05-6-2132-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6691
 ITEM: BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1,
 CA2, CA3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
 ASSESSMENT ID: EPD&C-6692X
 NASA FMEA #: 05-6-2239-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6692
 ITEM: SWITCH, TOGGLE PAYLOAD SAFING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)
 [/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
 INADEQUATE []

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6693X
 NASA FMEA #: 05-6-2359-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6693
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87	NASA DATA:
ASSESSMENT ID: EPD&C-6694X	BASELINE []
NASA FMEA #: 05-6-2359-1	NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6694
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

REMARKS:	ADEQUATE []
	INADEQUATE []

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6695X
 NASA FMEA #: 05-6-2359-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6695
 ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6696X
 NASA FMEA #: 05-6-2359-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6696
 ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6697X
 NASA FMEA #: 05-6-2508-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6697
 ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD
 ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6698X
 NASA FMEA #: 05-6-2508-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6698
 ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD
 ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[1 / 1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6699X
 NASA FMEA #: 05-6-2509-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6699
 ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 AFT ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6700X
 NASA FMEA #: 05-6-2509-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6700
 ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 AFT ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[1 / 1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6701X
 NASA FMEA #: 05-6-2510-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6701
 ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 UMBILICAL ATTACH RELEASE 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6702X
 NASA FMEA #: 05-6-2510-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6702
 ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 UMBILICAL ATTACH RELEASE 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6703X
 NASA FMEA #: 05-6-2659-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6703
 ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE
 SWITCH

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[1 / 1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6704X
 NASA FMEA #: 05-6-2659-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6704
 ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE
 SWITCH

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6705X
 NASA FMEA #: 05-6-2660-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6705
 ITEM: SWITCH, ROTARY - ABORT MODE SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6706X
 NASA FMEA #: 05-6-2660-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6706
 ITEM: SWITCH, ROTARY - ABORT MODE SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6707X
 NASA FMEA #: 05-6-2708-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6707
 ITEM: RESISTOR, 5.1K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-6708X
 NASA FMEA #: 05-6-2708-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6708
 ITEM: RESISTOR, 5.1K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

**APPENDIX C
ASSESSMENT WORKSHEET**

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6709X
 NASA FMEA #: 05-6-2904-1

NASA DATA:
 BASELINE []
 NEW []

SUBSYSTEM: EPD&C
 MDAC ID: 6709
 ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[/]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

THESE COMPONENTS WERE ADDED TO THE VEHICLE. IOA DID NOT RECEIVE
 UPDATE SCHEMATICS IN TIME TO ANALYZE THEM.

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
 ASSESSMENT ID: EPD&C-6710X
 NASA FMEA #: 05-6-2904-2

NASA DATA:
 BASELINE []
 NEW []

SUBSYSTEM: EPD&C
 MDAC ID: 6710
 ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[/]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

THESE COMPONENTS WERE ADDED TO THE VEHICLE. IOA DID NOT RECEIVE
 UPDATE SCHEMATICS IN TIME TO ANALYZE THEM.

APPENDIX D

CRITICAL ITEMS

ORIGINAL PAGE IS
OF POOR QUALITY

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2003-1	5025	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-1	5151	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-1	5152	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-2	5026	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2003-2	5150	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2003-2	5153	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2005A-3	6683	BUS, MAIN DC A	LOSS OF OUTPUT
05-6-2005B-3	6684	BUS, MAIN DC B	LOSS OF OUTPUT
05-6-2005C-3	6685	BUS, MAIN DC C	LOSS OF OUTPUT
05-6-2006-1	5085	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5086	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5087	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5091	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5092	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5093	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5208	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5209	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5210	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5214	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5215	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5216	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5422	FUSE, 150A TO FPCA-3	FAILS OPEN
05-6-2006-1	5423	FUSE, 150A TO FPCA-3	FAILS OPEN
05-6-2008A-1	5007	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008A-1	5008	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008A-1	5017	FUSE, 200A TO APCA-4	FAILS OPEN
05-6-2008A-1	5018	FUSE, 200A TO APCA-4	FAILS OPEN
05-6-2008B-1	5125	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008B-1	5126	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008B-1	5146	FUSE, 200A TO APCA-5	FAILS OPEN
05-6-2008B-1	5147	FUSE, 200A TO APCA-5	FAILS OPEN
05-6-2008C-1	5346	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008C-1	5347	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008C-1	5350	FUSE, 200A TO APCA-5	FAILS OPEN
05-6-2008C-1	5359	FUSE, 200A TO APCA-6	FAILS OPEN
05-6-2012-1	6066	ESSENTIAL BUSSES	LOSS OF POWER
05-6-2015-4	5880	INVERTER 1 A	PHASE REF CHANGE
05-6-2015-4	5892	INVERTER 1 B	PHASE REF CHANGE
05-6-2015-4	5896	INVERTER 1 C	PHASE REF CHANGE
05-6-2015-4	6065	INVERTER 2 A	PHASE REF CHANGE
05-6-2015-4	6069	INVERTER 2 B	PHASE REF CHANGE
05-6-2015-4	6077	INVERTER 2 C	PHASE REF CHANGE
05-6-2015-4	6245	INVERTER 3 A	PHASE REF CHANGE
05-6-2015-4	6246	INVERTER 3 B	PHASE REF CHANGE
05-6-2015-4	6253	INVERTER 3 C	PHASE REF CHANGE
05-6-2015-5	5888	INVERTER 1 A	LOSS OF FREQ SYNC
05-6-2015-5	5892	INVERTER 1 B	LOSS OF FREQ SYNC
05-6-2015-5	5896	INVERTER 1 C	LOSS OF FREQ SYNC
05-6-2015-5	6065	INVERTER 2 A	LOSS OF FREQ SYNC

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APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2015-5	6069	INVERTER 2 B	LOSS OF FREQ SYNC
05-6-2015-5	6073	INVERTER 2 C	LOSS OF FREQ SYNC
05-6-2015-5	6245	INVERTER 3 A	LOSS OF FREQ SYNC
05-6-2015-5	6249	INVERTER 3 B	LOSS OF FREQ SYNC
05-6-2015-5	6253	INVERTER 3 C	LOSS OF FREQ SYNC
05-6-2016-2	5936	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	5937	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	5940	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6111	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6113	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6115	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6309	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6311	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6313	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2017-1	6687	AC BUS 1,2,3	ONE PHASE SHORTS
05-6-2132-1	6691	BUS, CONTROL AB1, AB2	LOSS OF POWER
05-6-2139-2	5862	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	5864	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	5866	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6057	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6059	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6061	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6237	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6238	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6241	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2140-2	5335	SWITCH, MOTORIZED (F/	FAILS CLOSED
05-6-2142-1	5336	SWITCH, MOTORIZED (F/	FAILS TO TRANSFER
05-6-2143-1	6623	RELAY TO OIA BUS	SHORTS TO GROUND
05-6-2143-1	6625	RELAY TO OIA BUS	SHORTS TO GROUND
05-6-2143-1	6627	RELAY TO OIB BUS	SHORTS TO GROUND
05-6-2143-1	6629	RELAY TO OIB BUS	SHORTS TO GROUND
05-6-2143-3	6622	RELAY TO OIA BUS	FAILS TO TRANSFER
05-6-2143-3	6624	RELAY TO OIA BUS	FAILS TO TRANSFER
05-6-2143-3	6626	RELAY TO OIB BUS	FAILS TO TRANSFER
05-6-2143-3	6628	RELAY TO OIB BUS	FAILS TO TRANSFER
05-6-2143-4	6623	RELAY TO OIA BUS	SHORT POLE-TO-POL
05-6-2143-4	6625	RELAY TO OIA BUS	SHORT POLE-TO-POL
05-6-2143-4	6627	RELAY TO OIB BUS	SHORT POLE-TO-POL
05-6-2143-4	6629	RELAY TO OIB BUS	SHORT POLE-TO-POL
05-6-2181-1	5066	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5068	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5070	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5072	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5417	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5419	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5421	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5370	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	6373	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	6374	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5053	DIODE, ISOLATION 12A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2183-1	5176	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2183-1	6377	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2184-2	5055	DIODE, ISOLATION 12A	SHORTS
05-6-2184-2	5179	DIODE, ISOLATION 12A	SHORTS
05-6-2184-2	6379	DIODE, ISOLATION 12A	SHORTS
05-6-2185-1	5477	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5484	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5542	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5549	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5593	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5600	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-2	5478	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5483	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5543	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5548	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5594	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5599	DIODE, ISOLATION 35A	SHORTS
05-6-2186-1	5480	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5481	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5545	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5546	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5596	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5597	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-2	5479	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5482	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5544	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5547	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5595	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5598	DIODE, ISOLATION 35A	SHORTS
05-6-2188-2	5465	DIODE, BLOCKING	SHORTS
05-6-2188-2	5475	DIODE, BLOCKING	SHORTS
05-6-2188-2	5527	DIODE, BLOCKING	SHORTS
05-6-2188-2	5540	DIODE, BLOCKING	SHORTS
05-6-2188-2	5633	DIODE, BLOCKING	SHORTS
05-6-2188-2	5643	DIODE, BLOCKING	SHORTS
05-6-2191-2	5503	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5504	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5568	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5569	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5616	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5619	DIODE, ISOLATION 35A	SHORTS
05-6-2191-3	5502	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5505	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5567	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5570	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5617	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5618	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2197-1	5693	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5696	DIODE, ISOLATION 12A	FAILS OPEN

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POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2197-1	5697	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5700	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5701	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5704	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5739	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5742	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5743	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5746	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5747	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5750	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5769	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5772	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5773	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5776	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5777	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5780	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-2	5694	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5695	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5698	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5699	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5702	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5703	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5740	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5741	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5744	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5745	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5748	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5749	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5770	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5771	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5774	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5775	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5778	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5779	DIODE, ISOLATION 12A	SHORTS
05-6-2208-1	5330	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2208-1	5333	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2211-1	5049	SWITCH, TOGGLE SPDT (	FAILURE TO TRANSF
05-6-2211-1	5182	SWITCH, TOGGLE SPDT (	FAILURE TO TRANSF
05-6-2211-1	5371	SWITCH, TOGGLE DPDT (	FAILURE TO TRANSF
05-6-2211-3	5050	SWITCH, TOGGLE SPDT (	INADVERTENT TRANS
05-6-2211-3	5183	SWITCH, TOGGLE SPDT (	INADVERTENTLY TRA
05-6-2211-3	5372	SWITCH, TOGGLE DPDT (	INADVERTENTLY TRA
05-6-2212-2	5047	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2212-2	5180	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2212-2	5369	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2213-1	5459	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-1	5524	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-1	5622	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-2	5459	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2213-2	5524	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2213-2	5622	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-1	5455	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-1	5518	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-1	5628	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-2	5455	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-2	5518	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-2	5628	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2226-2	5309	SWITCH, TOGGLE SPDT (	INADVERTENT TRANS
05-6-2226-3	5308	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2227-3	5306	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2227-3	5310	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2228-3	5184	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2228-3	5373	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2231-1	6357	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2231-1	6359	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2233-1	5260	SWITCH, TOGGLE SPDT (	FAILS OPEN
05-6-2234-1	5258	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2235-2	6649	SWITCH, PUSHBUTTON (E	FAILS OFF
05-6-2236-2	6651	SWITCH, PUSHBUTTON (S	FAILS OFF
05-6-2237-1	6652	SWITCH, TOGGLE 3P2P L	FAILS OFF
05-6-2238-1	6655	SWITCH, TOGGLE 3P2P (	FAILS OFF
05-6-2238-2	6656	SWITCH, TOGGLE 3P2P (	FAILS ON
05-6-2240-2	5318	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2261-1	5080	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2261-1	5199	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2261-1	5406	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2262-1	5790	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5791	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5792	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5793	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5794	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5795	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5796	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5797	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5798	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2263-1	5057	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2263-1	5076	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2263-1	5172	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2265-2	5933	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2265-2	5082	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2265-2	6263	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2276-1	5482	FUSE, 15A TO MPCA-1	FAILS OPEN
05-6-2276-1	5557	FUSE, 15A TO MPCA-2	FAILS OPEN
05-6-2276-1	5608	FUSE, 15A TO MPCA-3	FAILS OPEN
05-6-2278-1	5059	FUSE, 35A	FAILS OPEN
05-6-2278-1	5060	FUSE, 35A	FAILS OPEN
05-6-2279-1	5061	FUSE, 35A	FAILS OPEN
05-6-2279-1	5062	FUSE, 35A	FAILS OPEN

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NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2278-1	5190	FUSE, 35A	FAILS OPEN
05-6-2278-1	5191	FUSE, 35A	FAILS OPEN
05-6-2278-1	5195	FUSE, 35A	FAILS OPEN
05-6-2278-1	5196	FUSE, 35A	FAILS OPEN
05-6-2278-1	5395	FUSE, 35A	FAILS OPEN
05-6-2278-1	5396	FUSE, 35A	FAILS OPEN
05-6-2278-1	5401	FUSE, 35A	FAILS OPEN
05-6-2278-1	5402	FUSE, 35A	FAILS OPEN
05-6-2280-1	5063	FUSE, 15A TO A6A1 PAN	FAILS OPEN
05-6-2280-1	5194	FUSE, 15A TO A14 PANE	FAILS OPEN
05-6-2289-1	5322	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5323	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5324	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5325	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2291-1	5501	FUSE, 7.5A TO ALCA-1	FAILS OPEN
05-6-2291-1	5572	FUSE, 7.5A TO ALCA-2	FAILS OPEN
05-6-2291-1	5621	FUSE, 7.5A TO ALCA-3	FAILS OPEN
05-6-2293A-1	5107	FUSE, 100A TO ALCA-1	FAILS OPEN
05-6-2293B-1	5246	FUSE, 100A TO ALCA-2	FAILS OPEN
05-6-2294-1	5096	FUSE, 35A TO FLCA-1	FAILS OPEN
05-6-2294-1	5217	FUSE, 35A TO FLCA-2	FAILS OPEN
05-6-2294-1	5427	FUSE, 35A TO FLCA-3	FAILS OPEN
05-6-2295-1	5100	FUSE, 150A TO MPCA-1	FAILS OPEN
05-6-2295-1	5232	FUSE, 100A TO MPCA-2	FAILS OPEN
05-6-2295-1	5436	FUSE, 100A TO MPCA-3	FAILS OPEN
05-6-2329-2	6562	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6563	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6564	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6565	RESISTOR, 15K TO ALCA	SHORTS
05-6-2330-1	6558	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6559	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6560	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6561	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2345A-1	6030	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2345B-1	6136	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2345C-1	6357	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2359-1	6352	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2359-1	6355	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2361-2	5906	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2361-2	6135	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2361-2	6265	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2389-1	5003	RPC, 7.5A (GSE MAIN A	FAILS CLOSED
05-6-2389-1	5122	RPC, 7.5A (GSE MAIN B	FAILS CLOSED
05-6-2389-1	5343	RPC, 7.5A (GSE MAIN C	FAILS CLOSED
05-6-2393-1	6362	RPC, 10A TO MEC #2	FAILS OPEN
05-6-2393-1	6364	RPC, 10A TO MEC #2	FAILS OPEN
05-6-2393-1	6366	RPC, 10A TO MEC #1	FAILS OPEN
05-6-2393-1	6368	RPC, 10A TO MEC #1	FAILS OPEN
05-6-2471-2	5659	HYBRID DRIVER TYPE I	FAILS ON

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NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2471-2	5661	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5667	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5669	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5671	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5673	HYBRID DRIVER TYPE I	FAILS ON
05-6-2474-1	5901	HYBRID DRIVER TYPE II	FAILS ON
05-6-2474-1	6076	HYBRID DRIVER TYPE II	FAILS ON
05-6-2474-1	6256	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5843	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5845	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5847	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6008	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6010	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6012	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6188	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6191	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6192	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5849	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5851	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5853	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6014	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6016	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6018	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6195	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6196	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6199	HYBRID DRIVER TYPE II	FAILS ON
05-6-2489-2	5841	HYBRID DRIVER TYPE I	FAILS ON
05-6-2489-2	6006	HYBRID DRIVER TYPE I	FAILS ON
05-6-2489-2	6187	HYBRID DRIVER TYPE I	FAILS ON
05-6-2490-1	6663	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2490-1	6665	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2490-2	6664	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-2	6666	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-3	6664	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-3	6666	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2491-1	6667	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2491-1	6669	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2491-2	6668	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2491-2	6670	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2493-1	6659	HYBRID DRIVER TYPE II	FAILS OFF
05-6-2493-1	6661	HYBRID DRIVER TYPE II	FAILS OFF
05-6-2493-2	6660	HYBRID DRIVER TYPE II	FAILS ON
05-6-2493-2	6662	HYBRID DRIVER TYPE II	FAILS ON
05-6-2494-2	6531	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6533	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6535	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6537	HYBRID DRIVER TYPE I	FAILS ON
05-6-2496-1	6546	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2496-1	6548	HYBRID DRIVER TYPE V	FAILS OFF

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2496-1	6550	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2496-1	6552	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2508-1	6697	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2508-2	6698	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2509-1	6699	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2509-2	6700	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2510-1	6701	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2510-2	6702	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2603-1	5486	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5487	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5550	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5551	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5601	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5602	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2604-1	6658	FUSE, 3A TO ET TUMBLE	FAILS OPEN
05-6-2605-1	5485	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5496	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5552	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5560	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5603	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5611	FUSE, 7.5A	FAILS OPEN
05-6-2611-1	5974	CIRCUIT BREAKER AC 1A	FAILS OPEN
05-6-2611-1	5976	CIRCUIT BREAKER AC 1B	FAILS OPEN
05-6-2611-1	5978	CIRCUIT BREAKER AC 1C	FAILS OPEN
05-6-2611-1	6139	CIRCUIT BREAKER AC 2A	FAILS OPEN
05-6-2611-1	6141	CIRCUIT BREAKER AC 2B	FAILS OPEN
05-6-2611-1	6143	CIRCUIT BREAKER AC 2C	FAILS OPEN
05-6-2611-1	6322	CIRCUIT BREAKER AC 3A	FAILS OPEN
05-6-2611-1	6324	CIRCUIT BREAKER AC 3B	FAILS OPEN
05-6-2611-1	6326	CIRCUIT BREAKER AC 3C	FAILS OPEN
05-6-2612-1	5972	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2612-1	6155	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2612-1	6334	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2613-1	5968	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6148	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6152	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6332	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-2	5969	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6149	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6153	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6333	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2614-1	5970	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2614-1	6330	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2614-2	5971	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2614-2	6331	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2615-1	6151	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2616-1	6147	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2617-1	6521	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6522	CIRCUIT BREAKER, 3A (	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2617-1	6523	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6524	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6525	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6526	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6527	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6528	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6529	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2618-1	5966	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2618-1	6144	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2618-1	6328	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2619-1	5799	FUSE, 1A TO MMCA-1 &	FAILS OPEN
05-6-2619-1	5800	FUSE, 1A TO MMCA-1 &	FAILS OPEN
05-6-2619-1	5803	FUSE, 1A TO MMCA-2 &	FAILS OPEN
05-6-2619-1	5804	FUSE, 1A TO MMCA-2 &	FAILS OPEN
05-6-2619-1	5805	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5806	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5809	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5810	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2620-1	5801	FUSE, 1A TO MMCA-2	FAILS OPEN
05-6-2620-1	5802	FUSE, 1A TO MMCA-2	FAILS OPEN
05-6-2620-1	5807	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2620-1	5808	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2651-1	5110	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2651-1	5249	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2651-1	5449	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5510	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5574	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5588	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5084	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5224	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5231	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5434	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-2	5083	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5225	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5230	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5435	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2654-1	5115	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2654-1	5432	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2654-2	5116	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2654-2	5433	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2655-1	5221	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2655-1	5228	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5098	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5206	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5421	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2658-1	5827	SWITCH, TOGGLE 4PDT (	FAILS OPEN OR SHD
05-6-2658-1	5830	SWITCH, TOGGLE 4PDT (	FAILS OPEN OR SHD
05-6-2658-2	5828	SWITCH, TOGGLE 4PDT (	FAILS CLOSED
05-6-2658-2	5829	SWITCH, TOGGLE 4PDT (	FAILS CLOSED

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2659-1	6703	SWITCH, PUSHBUTTON, 4	FAILS CLOSED
05-6-2659-2	6704	SWITCH, PUSHBUTTON, 4	FAILS OPEN
05-6-2660-1	6705	SWITCH, ROTARY - ABOR	FAILS OPEN
05-6-2660-2	6706	SWITCH, ROTARY - ABOR	FAILS CLOSED, CON
05-6-2701-1	5109	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2701-1	5248	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2701-1	5448	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5509	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5573	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5590	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5082	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5223	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5229	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5431	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2704-1	5114	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2704-1	5430	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2705-1	5220	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2705-1	5226	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5097	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5205	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5419	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2751-1	5988	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2751-1	5990	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2751-2	5988	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2751-2	5990	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2752-1	6164	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2752-1	6167	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2752-2	6164	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2752-2	6167	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2753-1	6348	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2753-1	6350	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2753-2	6348	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2753-2	6350	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2754-1	5992	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2754-1	5994	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2754-2	5992	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2754-2	5994	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2755-1	6156	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2755-1	6159	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2755-2	6156	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2755-2	6159	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2756-1	6172	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2756-1	6175	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2756-2	6172	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2756-2	6175	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2757-1	6344	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2757-1	6346	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2757-2	6344	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2757-2	6346	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2801-1	5112	RPC, 5A (TO AMCA-1)	FAILS OPEN
05-6-2801-1	5251	RPC, 5A (TO AMCA-2)	FAILS OPEN
05-6-2801-1	5451	RPC, 5A (TO AMCA-3)	FAILS OPEN
05-6-2802-1	5512	RPC, 5A (TO RCS/OMS B)	FAILS OPEN
05-6-2802-1	5576	RPC, 5A (TO RCS/OMS C)	FAILS OPEN
05-6-2802-1	5586	RPC, 5A (TO RCS/OMS A)	FAILS OPEN
05-6-2803-1	5103	RPC, 5A (TO MMCA-1)	FAILS OFF
05-6-2803-1	5237	RPC, 5A (TO MMCA-2)	FAILS OFF
05-6-2803-1	5241	RPC, 5A (TO MMCA-4)	FAILS OFF
05-6-2803-1	5444	RPC, 5A (TO MMCA-4)	FAILS OFF
05-6-2803-2	5102	RPC, 5A (TO MMCA-1)	FAILS ON
05-6-2803-2	5236	RPC, 5A (TO MMCA-2)	FAILS ON
05-6-2803-2	5240	RPC, 5A (TO MMCA-4)	FAILS ON
05-6-2803-2	5443	RPC, 5A (TO MMCA-4)	FAILS ON
05-6-2804-1	5118	RPC, 5A (TO MMCA-3)	FAILS OFF
05-6-2804-1	5442	RPC, 5A (TO MMCA-2)	FAILS OFF
05-6-2804-2	5117	RPC, 5A (TO MMCA-3)	FAILS ON
05-6-2804-2	5441	RPC, 5A (TO MMCA-2)	FAILS ON
05-6-2805-1	5235	RPC, 5A (TO MMCA-1)	FAILS OFF
05-6-2805-1	5238	RPC, 5A (TO MMCA-3)	FAILS OFF
05-6-2807-1	5090	RPC, 5A (FMCA-1 PWR C)	FAILS OFF
05-6-2807-1	5213	RPC, 5A (FMCA-2 PWR C)	FAILS OFF
05-6-2807-1	5426	RPC, 5A (FMCA-3 PWR C)	FAILS OFF
05-6-2902-1	5514	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5585	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5517	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5578	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5581	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5582	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-2	5515	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5516	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5579	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5580	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5583	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5584	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-3	5514	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5585	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5517	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5578	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5581	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5582	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2903-1	5811	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5814	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5815	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5818	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5819	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5822	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5823	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5826	DIODE, ISOLATION 3A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2903-2	5812	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5813	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5816	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5817	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5820	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5821	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5824	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5825	DIODE, ISOLATION 3A	SHORTS
05-6EB-2004-1	5980	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5982	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5984	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5986	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	6160	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6163	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6168	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6171	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6336	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6338	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6340	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6342	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-2	5981	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5983	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5985	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5987	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	6161	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6162	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6169	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6170	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6337	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6339	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6341	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6343	RELAY TO PLBD AC3	FAILS CLOSED



**APPENDIX E
DETAILED ANALYSIS**

This appendix contains the IOA analysis worksheets supplementing previous results reported in STSEOS Working Paper 1.0-WP-VA86001-28, Analysis of the Electrical Power Distribution and Control Subsystem, (3 April 1987). Prior results were obtained independently and documented before starting the FMEA/CIL assessment activity. Supplemental analysis was performed to address failure modes not previously considered by the IOA. Each sheet identifies the hardware item being analyzed, parent assembly and function performed. For each failure mode possible causes are identified, and hardware and functional criticality for each mission phase are determined as described in NSTS 22206, Instructions for Preparation of FMEA and CIL, 10 October 1986. Failure mode effects are described at the bottom of each sheet and worst case criticality is identified at the top.

LEGEND FOR IOA ANALYSIS WORKSHEETS

Hardware Criticalities:

- 1 = Loss of life or vehicle
- 2 = Loss of mission or next failure of any redundant item (like or unlike) could cause loss of life/vehicle
- 3 = All others

Functional Criticalities:

- 1R = Redundant hardware items (like or unlike) all of which, if failed, could cause loss of life or vehicle.
- 2R = Redundant hardware items (like or unlike) all of which, if failed, could cause loss of mission.

Redundancy Screen A:

- 1 = Is Checked Out PreFlight
- 2 = Is Capable of Check Out PreFlight
- 3 = Not Capable of Check Out PreFlight
- NA = Not Applicable

Redundancy Screens B and C:

- P = Passed Screen
- F = Failed Screen
- NA = Not Applicable

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6671 ABORT: 3/3

ITEM: PREFLIGHT TEST CIRCUIT - RMS JETTISON
CONTROL/POWER
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PREFLIGHT TEST CIRCUIT - RMS JETTISON CONTROL/POWER
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, PIECE-PART STRUCTURAL FAILURE, VIBRATION,
THERMAL SHOCK

EFFECTS/RATIONALE:

WORST CASE FAILURE (AFTER MULTIPLE FAILURES) WOULD CAUSE THE
RESISTANCE TEST BUS TO BE POWERED. THIS WOULD HAVE NO EFFECT ON
CREW/MISSION/VEHICLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C		FLIGHT:	3/1R
MDAC ID: 6672		ABORT:	3/1R

ITEM: ABORT MODE CONTROL/PWR CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL/PWR CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/3	AOA:	3/1R
DEORBIT:	3/3	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, PIECE-PART STRUCTURAL FAILURE, VIBRATION,
THERMAL SHOCK

EFFECTS/RATIONALE:
NASA HAS REMOVED THE ABORT MODE ROTARY SWITCH AND THE ABORT
PUSHBUTTON AND COVERED THESE ITEMS IN FMEAS 05-6-2659 AND 05-6-
2660, RESPECTIVELY. THE REST OF THE CIRCUIT FAILURES ARE
CONSIDERED NON-CRITICAL OR DETECTABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6673 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6674	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6675 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 3
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C		FLIGHT:	3/3
MDAC ID: 6676		ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6677 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6678 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 3
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6679 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 4
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 4
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6680 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6681 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

0-7

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	3/3
MDAC ID:	6682	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 3
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
 SUBSYSTEM: EPD&C FLIGHT: 2/1R
 MDAC ID: 6683 ABORT: 1/1

ITEM: BUS, MAIN DC A
 FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC A
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	2/1R	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 40V76A31
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE HAS NO EFFECT EXCEPT DURING INTACT ABORT PRIOR TO OMS/RCS INTERCONNECT, WHICH WOULD LEAVE THE RCS TANK ISOLATION VALVE OPEN DURING PROPELLANT DUMP. ALSO WOULD CAUSE LOSS OF POWER TO HELIUM BLOWDOWN VALVES WHICH WOULD PREVENT PURGING OF AFT

FUSELAGE DURING AN RTLS OR TAL AND CREATING A POSSIBLE FIRE/EXPLOSION HAZARD DURING ENTRY. NOMINAL MISSION CRIT IS 1R2 WITH THE SECOND FAILURE (LOSS OF ANOTHER MAIN DC BUS OR FUEL CELL/MAIN BUS CONTACTOR) CAUSING AN UNDERVOLTAGE TO CRITICAL LOADS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	1/1
MDAC ID: 6684	ABORT:	1/1

ITEM: BUS, MAIN DC B
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC B
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	1/1	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A32
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF POWER TO ET TUMBLE CIRCUITRY
WHICH COULD CAUSE LOSS OF LIFE UPON ET IMPACT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
 SUBSYSTEM: EPD&C FLIGHT: 2/1R
 MDAC ID: 6685 ABORT: 1/1

ITEM: BUS, MAIN DC C
 FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC C
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	2/1R	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: : A [1] B [P] C [P]

LOCATION: 40V76A33
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE HAS NO EFFECT EXCEPT DURING INTACT ABORT PRIOR TO
 OMS/RCS INTERCONNECT, WHICH WOULD LEAVE THE RCS TANK ISOLATION
 VALVE OPEN DURING PROPELLANT DUMP. ALSO WOULD CAUSE LOSS OF
 POWER TO HELIUM BLOWDOWN VALVES WHICH WOULD PREVENT PURGING OF
 AFT

FUSELAGE DURING AN RTLS OR TAL AND CREATING A POSSIBLE
 FIRE/EXPLOSION HAZARD DURING ENTRY. NOMINAL MISSION CRIT IS 1R2
 WITH THE SECOND FAILURE (LOSS OF ANOTHER MAIN DC BUS OR FUEL
 CELL/MAIN BUS CONTACTOR) CAUSING AN UNDERVOLTAGE TO CRITICAL
 LOADS.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6686	ABORT:	2/1R

ITEM: ESSENTIAL BUSSES
FAILURE MODE: LOSS OF POWER

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ESSENTIAL BUSSES
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	2/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 40V76A31, 32, 33
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
LOSS OF ONE ESSENTIAL BUS CAUSES THE LOSS OF CONTROL AND COOLING
OF ONE FUEL CELL. IF THE FUEL CELL CANNOT BE DISCONNECTED FROM
THE MAIN DC BUS, THE RESULTANT LOAD WILL CAUSE THE FUEL CELL TO
OVERHEAT AND THEN EXPLODE.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6687	ABORT:	2/1R

ITEM: AC BUS 1,2,3
FAILURE MODE: ONE PHASE SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) AC BUS 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	2/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 81V76A35, 36, 37
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE COULD CAUSE LOSS OF ONE AC BUS, IF SENSOR SWITCH IS IN "AUTO". SECOND FAILURE OF ANOTHER AC BUS WOULD CAUSE LOSS OF CRITICAL LOADS AND POSSIBLE LOSS OF CREW/VEHICLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/1R
MDAC ID: 6688	ABORT:	3/1R

ITEM: AC BUS 1,2,3
FAILURE MODE: LOSS OF OUTPUT ON ONE PHASE

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) AC BUS 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/1R	AOA:	3/1R
DEORBIT:	3/1R	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 81V76A35, 36, 37
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE DEGRADATION OF POWER TO AC MOTORS.
LOSS OF ALL REDUNDANCY WOULD CAUSE POSSIBLE LOSS OF CREW/VEHICLE
DUE TO LOSS OF POWER TO CRITICAL LOADS (I.E. PAYLOAD BAY DOORS,
ET UMBILICAL DOOR).

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/2R
MDAC ID: 6689 ABORT: 3/3

ITEM: EMU POWER SUPPLY/CHARGER CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) EMU POWER SUPPLY/CHARGER CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/2R	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD REQUIRE THAT BOTH EMU BATTERIES WOULD HAVE TO BE CHARGED FROM THE REMAINING CHARGING CIRCUIT. LOSS OF SECOND CHARGING CIRCUIT MAY CAUSE LOSS OF MISSION IF ANOTHER EVA WERE REQUIRED.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	3/3
MDAC ID:	6690	ABORT:	3/3

ITEM: PAYLOAD POWER MONITORING CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PAYLOAD POWER MONITORING CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS IS A NON-CRITICAL MEASUREMENT CIRCUIT. ALTERNATE MEANS OF
PAYLOAD POWER STATUS ARE AVAILABLE TO THE CREW.

REFERENCES:

**INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET**

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
 SUBSYSTEM: EPD&C FLIGHT: 2/1R
 MDAC ID: 6691 ABORT: 2/1R

ITEM: BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1, CA2, CA3
 FAILURE MODE: LOSS OF POWER

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1, CA2, CA3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	3/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD HAVE NO EFFECT ON CREW/MISSION/VEHICLE. LOSS OF A SECOND CONTROL BUS COULD CAUSE LOSS OF CREW/VEHICLE DUE TO INABILITY TO CONTROL/POWER CRITICAL LOADS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6692	ABORT:	3/3

ITEM: SWITCH, TOGGLE PAYLOAD SAFING
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PAYLOAD SAFING SWITCH
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 35V73A3A5S1
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS IS A MISSION DEPENDENT SWITCH. ACCORDING TO NASA, IT HAS NEVER BEEN USED AND A FMEA WILL BE WRITTEN WHEN A SPECIFIC USE FOR IT IS NEEDED.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/1R
MDAC ID: 6693	ABORT:	3/1R

ITEM: RESISTOR, 1.2K 2W (TO MEC #1)
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/3	AOA:	3/1R
DEORBIT:	3/3	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 33V73A17A8R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF REDUNDANT POWER TO ONE MEC.
THE LOSS OF ALL POWER TO BOTH MECS COULD CAUSE LOSS OF
VEHICLE/CREW DUE TO INABILITY TO SEPERATE THE ET AND SRBS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/1R
MDAC ID: 6694	ABORT:	3/1R

ITEM: RESISTOR, 1.2K 2W (TO MEC #2)
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/3	AOA:	3/1R
DEORBIT:	3/3	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 33V73A17A9R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF REDUNDANT POWER TO ONE MEC.
THE LOSS OF ALL POWER TO BOTH MECS COULD CAUSE LOSS OF
VEHICLE/CREW DUE TO INABILITY TO SEPERATE THE ET AND SRBS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6695	ABORT:	3/3

ITEM: RESISTOR, 1.2K 2W (TO MEC #2)
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 33V73A17A9R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD HAVE NO EFFECT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6696	ABORT:	3/3

ITEM: RESISTOR, 1.2K 2W (TO MEC #1)
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES	
	HDW/FUNC	ABORT
PRELAUNCH:	3/3	RTLS: 3/3
LIFTOFF:	3/3	TAL: 3/3
ONORBIT:	3/3	AOA: 3/3
DEORBIT:	3/3	ATO: 3/3
LANDING/SAFING:	3/3	

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 33V73A17A8R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD HAVE NO EFFECT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6697 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH
RELEASE
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 81V76A16PIC(A), 82V76A17PIC(B)
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6697.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	1/1
MDAC ID: 6698	ABORT:	2/1R

ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH
RELEASE
FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	1/1	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 81V76A16PIC(A), 82V76A17PIC(B)
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6698.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6699	ABORT:	2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT
ATTACH RELEASE
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC7, 8, 55V76A14PIC7, 8
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6699.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	1/1
MDAC ID: 6700	ABORT:	2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT
ATTACH RELEASE
FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	ABORT	HDW/FUNC
PRELAUNCH:	3/3		RTLS:	2/1R
LIFTOFF:	1/1		TAL:	2/1R
ONORBIT:	3/3		AOA:	2/1R
DEORBIT:	3/3		ATO:	2/1R
LANDING/SAFING:	3/3			

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A13PIC7, 8, 55V76A14PIC7, 8
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6700.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	2/1R
MDAC ID: 6701	ABORT:	2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 UMBILICAL ATTACH RELEASE 1,2,3
 FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB UMBILICAL ATTACH RELEASE 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC1-6, 55V76A14PIC1-6
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
 SEE REMARKS UNDER ASSESSMENT ID EPD&C-6701.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	2/1R
MDAC ID: 6702	ABORT:	2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
 UMBILICAL ATTACH RELEASE 1,2,3
 FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB UMBILICAL ATTACH RELEASE 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC1-6, 55V76A14PIC1-6
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
 SEE REMARKS UNDER ASSESSMENT ID EPD&C-6702.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	1/1
MDAC ID: 6703	ABORT:	1/1

ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
FAILURE MODE: FAILS CLOSED

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	1/1	TAL:	1/1
ONORBIT:	3/3	AOA:	1/1
DEORBIT:	3/3	ATO:	1/1
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 34V73A6A8S2
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:

DURING AN AOA, TAL, OR ATO, THE ONBOARD SOFTWARE WOULD BE MODED TO "RTLS ABORT" AS THIS IS THE FIRST POSITION ON THE MODE SELECT SWITCH. THE SOFTWARE CANNOT BE DOWNMODED FROM THIS STATE, SO LOSS OF CREW/VEHICLE IS HIGHLY PROBABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	2/1R
MDAC ID: 6704	ABORT:	2/1R

ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [NA] C [P]

LOCATION: 34V73A6A8S2
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD HAVE NO EFFECT AS THE CREW COULD INITIATE AN
ABORT VIA KEYBOARD ENTRY. IF THE KEYBOARD ENTRY DID NOT WORK,
LOSS OF CREW/VEHICLE IS HIGHLY PROBABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6705 ABORT: 2/1R

ITEM: SWITCH, ROTARY - ABORT MODE SELECT
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, ROTARY - ABORT MODE SELECT
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [NA] C [P]

LOCATION: 34V73A6A8S1
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD HAVE NO EFFECT AS THE CREW COULD SELECT AN
ABORT MODE VIA KEYBOARD ENTRY. IF THE KEYBOARD ENTRY DID NOT
WORK, LOSS OF CREW/VEHICLE IS HIGHLY PROBABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	2/1R
MDAC ID: 6706	ABORT:	2/1R

ITEM: SWITCH, ROTARY - ABORT MODE SELECT
FAILURE MODE: FAILS CLOSED, CONTACT-TO-CONTACT SHORT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, ROTARY - ABORT MODE SELECT
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	ABORT	HDW/FUNC
PRELAUNCH:	3/3		RTLS:	3/3
LIFTOFF:	2/1R		TAL:	2/1R
ONORBIT:	3/3		AOA:	2/1R
DEORBIT:	3/3		ATO:	2/1R
LANDING/SAFING:	3/3			

REDUNDANCY SCREENS: A [1] B [NA] C [P]

LOCATION: 34V73A6A8S1
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:
DURING AN AOA, TAL, OR ATO, TWO FAILURES ARE REQUIRED TO CAUSE
LOSS OF CREW/VEHICLE, AND THAT WOULD BE TWO SETS OF CONTACTS THAT
WOULD SELECT "RTLS ABORT". SOFTWARE COULD NOT BE DOWNMODED TO
AOA, TAL, OR ATO.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY _____ HDW/FUNC _____
 SUBSYSTEM: EPD&C FLIGHT: 3/3
 MDAC ID: 6707 ABORT: 3/3

ITEM: RESISTOR, 5.1K 1/4W
 FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROL BUSES AB1 & CA1
- 2) MMCA-1
- 3) RESISTOR, 5.1K 1/4W (TO MDM-OF1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A117A1R6
 PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
 PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF A SWITCH SCAN MEASUREMENT
 THAT IS NON-CRITICAL TO FLIGHT OPERATIONS.

REFERENCES: 76BC6H

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: \ EPD&C	FLIGHT:	3/3
MDAC ID: 6708	ABORT:	3/3

ITEM: RESISTOR, 5.1K 1/4W
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROL BUSES AB2 & CA2
- 2) MMCA-3
- 3) RESISTOR, 5.1K 1/4W (TO MDM-OF1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A119A1R2
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD CAUSE THE LOSS OF A SWITCH SCAN MEASUREMENT
THAT IS NON-CRITICAL TO FLIGHT OPERATIONS.

REFERENCES: 76BC6A

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
 SUBSYSTEM: EPD&C FLIGHT: /
 MDAC ID: 6709 ABORT: /

ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER
 FAILURE MODE: FAILS OPEN, SHORTS TO GROUND

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	/	RTLS:	/
LIFTOFF:	/	TAL:	/
ONORBIT:	/	AOA:	/
DEORBIT:	/	ATO:	/
LANDING/SAFING:	/		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A134A2CR45, 55V76A135A2CR45, 56V76A136A2CR45, CR46

PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK, PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THESE COMPONENTS WERE NOT ANALYZED BY THE IOA, AS THE SCHEMATICS WERE UNAVAILABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	/
MDAC ID: 6710	ABORT:	/

ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	/	RTLS:	/
LIFTOFF:	/	TAL:	/
ONORBIT:	/	AOA:	/
DEORBIT:	/	ATO:	/
LANDING/SAFING:	/		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A134A2CR45, 55V76A135A2CR45, 56V76A136A2CR45,
CR46
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THESE COMPONENTS WERE NOT ANALYZED BY THE IOA, AS THE SCHEMATICS
WERE UNAVAILABLE.

REFERENCES:



APPENDIX F

NASA FMEA TO IOA WORKSHEET CROSS REFERENCE/RECOMMENDATIONS

This section provides a cross reference between the NASA FMEA and corresponding IOA analysis worksheet(s) included in Appendix E. The Appendix F identifies: NASA FMEA Number, IOA Assessment Number, NASA criticality and redundancy screen data, and IOA recommendations.

Appendix F Legend

Code Definition

- 0 IOA and NASA had no disagreements.
- 1 IOA concurs with NASA after learning of fuel cell safing procedures.
- 2 IOA concurs with NASA's Screen "B".
- 3 IOA could not assess this FMEA due to time constraints.
- 4 IOA concurs with NASA - IOA had correct analysis but assigned the wrong criticality.
- 5 IOA concurs with NASA after further examination of the circuit.
- 6 NASA redefined the failure mode or combined it with another FMEA.
- 7 IOA concurs with NASA because of concerns on inadvertent powering of the Pre-Flight Test busses.
- 8 IOA concurs with NASA's Screen "A".
- 9 IOA concurs with NASA after learning of alternate Bus Tie procedures.
- 10 IOA concurs with NASA's Screen "C".
- 11 IOA concurs with NASA after learning of emergency functions.
- 12 This component is a Test Point and/or has no connection with Orbiter circuitry.
- 13 IOA recommends that this component be added to the FMEA process for completeness.
- 14 IOA concurs with NASA as IOA did not originally consider single failure bus loss as credible.
- 15 IOA concurs with NASA because of concerns on inadvertent Bus Tie.
- 16 IOA concurs with NASA because of concerns on removing AC power during an AC overvoltage condition.
- 17 IOA concurs with NASA because of concerns on having a "Psychotic" GPC.
- 18 IOA concurs with NASA's view that a circuit breaker "tripping" is not readily detectable.
- 19 This discrepancy was caused by an IOA "typo".
- 20 IOA was unaware of NSTS policy that prohibits supplying payload power directly from fuel cell #3.
- 21 NSTS 22206 revision on the criticality of External Tank.
- 22 This FMEA was altered because of an MCR implementation.

APPENDIX F

NASA FMEA TO IOA WORKSHEET CROSS REFERENCE / RECOMMENDATIONS

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-200200-1	EPD&C-6671X	3/3		/		0		
05-6-2003-1	EPD&C-5025	2/1R	P P P	/		0		
	EPD&C-5151	2/1R	P P P	/		0		
	EPD&C-5152	2/1R	P P P	/		0		
05-6-2003-2	EPD&C-5026	2/1R	P F P	/		0		
	EPD&C-5150	2/1R	P F P	/		0		
	EPD&C-5153	2/1R	P F P	/		0		
05-6-200300-1	EPD&C-6574	3/3		/		0		
	EPD&C-6575	3/3		/		0		
	EPD&C-6576	3/3		/		0		
	EPD&C-6577	3/3		/		0		
	EPD&C-6630	3/3		/		0		
	EPD&C-6631	3/3		/		0		
	EPD&C-6632	3/3		/		0		
	EPD&C-6633	3/3		/		0		
	EPD&C-6634	3/3		/		0		
	EPD&C-6635	3/3		/		0		
	EPD&C-6636	3/3		/		0		
	EPD&C-6637	3/3		/		0		
	EPD&C-6638	3/3		/		0		
	EPD&C-6639	3/3		/		0		
	EPD&C-6640	3/3		/		0		
	EPD&C-6641	3/3		/		0		
	EPD&C-6642	3/3		/		0		
	EPD&C-6643	3/3		/		0		
	EPD&C-6644	3/3		/		0		
	EPD&C-6645	3/3		/		0		
	EPD&C-6646	3/3		/		0		
	EPD&C-6647	3/3		/		0		
05-6-2004-1	EPD&C-5020	3/1R	P NA P	/		5		
	EPD&C-5148	3/1R	P NA P	/		5		
	EPD&C-5155	3/1R	P NA P	/		5		
05-6-2004-2	EPD&C-5021	3/1R	P NA P	/		5		
	EPD&C-5149	3/1R	P NA P	/		5		
	EPD&C-5154	3/1R	P NA P	/		5		
05-6-200400-1	EPD&C-6672X	3/1R	P P P	/		0		
05-6-200500-1	EPD&C-6673X	3/3		/		0		
05-6-200510-1	EPD&C-6674X	3/3		/		0		
05-6-200520-1	EPD&C-6675X	3/3		/		0		
05-6-200530-1	EPD&C-6676X	3/3		/		0		
05-6-200540-1	EPD&C-6677X	3/3		/		0		
05-6-200550-1	EPD&C-6678X	3/3		/		0		
05-6-200560-1	EPD&C-6679X	3/3		/		0		
05-6-200570-1	EPD&C-6680X	3/3		/		0		
05-6-200580-1	EPD&C-6681X	3/3		/		0		

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-200590-1	EPD&C-6682X	3/3		/			0	
05-6-2005A-3	EPD&C-6683X	2/1R	P P P	/			0	
05-6-2005B-3	EPD&C-6684X	1/1		/			0	
05-6-2005C-3	EPD&C-6685X	2/1R	P P P	/			0	
05-6-2006-1	EPD&C-5085	3/1R	P F P	/			0	
	EPD&C-5086	3/1R	P F P	/			0	
	EPD&C-5087	3/1R	P F P	/			0	
	EPD&C-5091	3/1R	P F P	/			0	
	EPD&C-5092	3/1R	P F P	/			0	
	EPD&C-5093	3/1R	P F P	/			0	
	EPD&C-5208	3/1R	P F P	/			0	
	EPD&C-5209	3/1R	P F P	/			0	
	EPD&C-5210	3/1R	P F P	/			0	
	EPD&C-5214	3/1R	P F P	/			0	
	EPD&C-5215	3/1R	P F P	/			0	
	EPD&C-5216	3/1R	P F P	/			0	
	EPD&C-5422	3/1R	P F P	/			0	
	EPD&C-5423	3/1R	P F P	/			0	
05-6-2008A-1	EPD&C-5007	3/1R	P F P	/			5	
	EPD&C-5008	3/1R	P F P	/			5	
	EPD&C-5017	3/1R	P F P	/			5	
	EPD&C-5018	3/1R	P F P	/			5	
05-6-2008B-1	EPD&C-5125	2/1R	P F P	/			10	
	EPD&C-5126	2/1R	P F P	/			10	
	EPD&C-5146	2/1R	P F P	/			10	
	EPD&C-5147	2/1R	P F P	/			10	
05-6-2008C-1	EPD&C-5346	3/1R	P F P	/			5,10	
	EPD&C-5347	3/1R	P F P	/			5,10	
	EPD&C-5358	3/1R	P F P	/			5,10	
	EPD&C-5359	3/1R	P F P	/			5,10	
05-6-2010-1	EPD&C-5106	3/1R	P P P	/			2	
	EPD&C-5245	3/1R	P P P	/			2	
	EPD&C-5445	3/1R	P P P	/			2	
05-6-2011-1	EPD&C-5467	3/1R	P F P	/			0	
	EPD&C-5469	3/1R	P F P	/			0	
	EPD&C-5532	3/1R	P F P	/			0	
	EPD&C-5534	3/1R	P F P	/			0	
	EPD&C-5636	3/1R	P F P	/			0	
	EPD&C-5638	3/1R	P F P	/			0	
05-6-2011-2	EPD&C-5468	3/3		/			0	
	EPD&C-5470	3/3		/			0	
	EPD&C-5533	3/3		/			0	
	EPD&C-5535	3/3		/			0	
	EPD&C-5637	3/3		/			0	
	EPD&C-5639	3/3		/			0	
05-6-2012-1	EPD&C-6686X	2/1R	P P P	/			0	
05-6-2015-1	EPD&C-5885	3/1R	P P P	/			0	
	EPD&C-5889	3/1R	P P P	/			0	
	EPD&C-5893	3/1R	P P P	/			0	
	EPD&C-5862	3/1R	P P P	/			2	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2015-1	EPD&C-6066	3/1R	P	P	P	/				0	
	EPD&C-6070	3/1R	P	P	P	/				0	
	EPD&C-6242	3/1R	P	P	P	/				0	
	EPD&C-6246	3/1R	P	P	P	/				0	
05-6-2015-2	EPD&C-6250	3/1R	P	P	P	/				0	
	EPD&C-5886	3/3				/				0	
	EPD&C-5890	3/3				/				0	
	EPD&C-5894	3/3				/				0	
	EPD&C-6063	3/3				/				0	
	EPD&C-6067	3/3				/				0	
	EPD&C-6071	3/3				/				0	
	EPD&C-6243	3/3				/				0	
05-6-2015-3	EPD&C-6247	3/3				/				0	
	EPD&C-6251	3/3				/				0	
	EPD&C-5887	3/1R	P	NA	P	/				2	
	EPD&C-5891	3/1R	P	NA	P	/				2	
	EPD&C-5895	3/1R	P	NA	P	/				2	
	EPD&C-6064	3/1R	P	NA	P	/				2	
	EPD&C-6068	3/1R	P	NA	P	/				2	
	EPD&C-6072	3/1R	P	NA	P	/				2	
	EPD&C-6244	3/1R	P	NA	P	/				2	
	EPD&C-6248	3/1R	P	NA	P	/				2	
05-6-2015-4	EPD&C-6252	3/1R	P	NA	P	/				2	
	EPD&C-5888	2/1R	P	P	P	/				5	
	EPD&C-5892	2/1R	P	P	P	/				5	
	EPD&C-5896	2/1R	P	P	P	/				5	
	EPD&C-6065	2/1R	P	P	P	/				5	
	EPD&C-6069	2/1R	P	P	P	/				5	
	EPD&C-6073	2/1R	P	P	P	/				5	
	EPD&C-6245	2/1R	P	P	P	/				5	
	EPD&C-6249	2/1R	P	P	P	/				5	
	EPD&C-6253	2/1R	P	P	P	/				5	
05-6-2015-5	EPD&C-5888A	2/1R	P	P	P	/				0	
	EPD&C-5892A	2/1R	P	P	P	/				0	
	EPD&C-5896A	2/1R	P	P	P	/				0	
	EPD&C-6065A	2/1R	P	P	P	/				0	
	EPD&C-6069A	2/1R	P	P	P	/				0	
	EPD&C-6073A	2/1R	P	P	P	/				0	
	EPD&C-6245A	2/1R	P	P	P	/				0	
	EPD&C-6249A	2/1R	P	P	P	/				0	
	EPD&C-6253A	2/1R	P	P	P	/				0	
	05-6-2016-1	EPD&C-5935	3/1R	P	P	P	/				0
EPD&C-5938		3/1R	P	P	P	/				0	
EPD&C-5939		3/1R	P	P	P	/				0	
EPD&C-6110		3/1R	P	P	P	/				0	
EPD&C-6112		3/1R	P	P	P	/				0	
EPD&C-6114		3/1R	P	P	P	/				0	
EPD&C-6308		3/1R	P	P	P	/				0	
EPD&C-6310		3/1R	P	P	P	/				0	
EPD&C-6312		3/1R	P	P	P	/				0	

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IDENTIFIERS		NASA			IGA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2016-2	EPD&C-5936	3/1R	P F P	/			5	
	EPD&C-5937	3/1R	P F P	/			5	
	EPD&C-5940	3/1R	P F P	/			5	
	EPD&C-6111	3/1R	P F P	/			5	
	EPD&C-6113	3/1R	P F P	/			5	
	EPD&C-6115	3/1R	P F P	/			5	
	EPD&C-6309	3/1R	P F P	/			5	
	EPD&C-6311	3/1R	P F P	/			5	
	EPD&C-6313	3/1R	P F P	/			5	
05-6-2017-1	EPD&C-6687X	2/1R	P P P	/			0	
05-6-2017-2	EPD&C-6688X	3/1R	P P P	/			0	
05-6-2048-1	EPD&C-5004	3/3		/			0	
	EPD&C-5123	3/3		/			0	
	EPD&C-5344	3/3		/			0	
05-6-2048-2	EPD&C-5005	3/1R	P NA P	/			5	
	EPD&C-5124	3/1R	P NA P	/			5	
	EPD&C-5345	3/1R	P NA P	/			5	
05-6-205000-1	EPD&C-6689X	3/2R	P P P	/			0	
05-6-205100-1	EPD&C-6690X	3/3		/			0	
05-6-2132-1	EPD&C-6691X	2/1R	P P P	/			0	
05-6-2139-1	EPD&C-5861	3/1R	P P P	/			0	
	EPD&C-5863	3/1R	P P P	/			0	
	EPD&C-5865	3/1R	P P P	/			0	
	EPD&C-6056	3/1R	P P P	/			0	
	EPD&C-6058	3/1R	P P P	/			0	
	EPD&C-6060	3/1R	P P P	/			0	
	EPD&C-6236	3/1R	P P P	/			0	
	EPD&C-6239	3/1R	P P P	/			0	
	EPD&C-6240	3/1R	P P P	/			0	
05-6-2139-2	EPD&C-5862	3/1R	P F P	/			5	
	EPD&C-5864	3/1R	P F P	/			5	
	EPD&C-5866	3/1R	P F P	/			5	
	EPD&C-6057	3/1R	P F P	/			5	
	EPD&C-6059	3/1R	P F P	/			5	
	EPD&C-6061	3/1R	P F P	/			5	
	EPD&C-6237	3/1R	P F P	/			5	
	EPD&C-6238	3/1R	P F P	/			5	
	EPD&C-6241	3/1R	P F P	/			5	
05-6-2140-1	EPD&C-5334	3/1R	P NA P	/			5	
05-6-2140-2	EPD&C-5335	2/1R	P NA P	/			1	
05-6-2141-1	EPD&C-5312	3/1R	P NA P	/			5	
	EPD&C-5338	3/1R	P NA P	/			5	
05-6-2141-2	EPD&C-5313	3/3		/			0	
	EPD&C-5339	3/3		/			0	
05-6-2142-1	EPD&C-5336	1/1		/			6	
05-6-2142-2	EPD&C-5337	3/3		/			6	
05-6-2143-1	EPD&C-6623A	2/1R	P P P	/			5	
	EPD&C-6625A	2/1R	P P P	/			6	
	EPD&C-6627A	2/1R	P P P	/			6	
	EPD&C-6629A	2/1R	P P P	/			6	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *				ISSUE	
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2143-2	EPD&C-6623	3/1R	P	P	P	/				2
	EPD&C-6625	3/1R	P	P	P	/				2
	EPD&C-6627	3/1R	P	P	P	/				2
	EPD&C-6629	3/1R	P	P	P	/				2
05-6-2143-3	EPD&C-6622	3/1R	P	F	P	/				0
	EPD&C-6624	3/1R	P	F	P	/				0
	EPD&C-6626	3/1R	P	F	P	/				0
	EPD&C-6628	3/1R	P	F	P	/				0
05-6-2143-4	EPD&C-6623B	3/1R	F	F	P	/				6
	EPD&C-6625B	3/1R	F	F	P	/				6
	EPD&C-6627B	3/1R	F	F	P	/				6
	EPD&C-6629B	3/1R	F	F	P	/				6
05-6-2181-1	EPD&C-5066	3/1R	P	F	P	/				6
	EPD&C-5068	3/1R	P	F	P	/				6
	EPD&C-5070	3/1R	P	F	P	/				6
	EPD&C-5407	3/1R	P	F	P	/				6
	EPD&C-5410	3/1R	P	F	P	/				6
	EPD&C-5411	3/1R	P	F	P	/				6
	EPD&C-6370	3/1R	P	F	P	/				6
	EPD&C-6373	3/1R	P	F	P	/				6
05-6-2181-2	EPD&C-6374	3/1R	P	F	P	/				6
	EPD&C-5067	3/3				/				0
	EPD&C-5069	3/3				/				0
	EPD&C-5071	3/3				/				0
	EPD&C-5408	3/3				/				0
	EPD&C-5409	3/3				/				0
	EPD&C-5412	3/3				/				0
	EPD&C-6371	3/3				/				0
05-6-2183-1	EPD&C-6372	3/3				/				0
	EPD&C-6375	3/3				/				0
	EPD&C-5053	2/1R	P	NA	P	/				1,6
	EPD&C-5176	2/1R	P	NA	P	/				1,6
05-6-2183-2	EPD&C-6377	2/1R	P	NA	P	/				1,6
	EPD&C-5054	3/1R	P	NA	P	/				5
	EPD&C-5177	3/1R	P	NA	P	/				5
05-6-2184-1	EPD&C-6376	3/1R	P	NA	P	/				5
	EPD&C-5056	3/1R	P	NA	P	/				5,6
	EPD&C-5178	3/1R	P	NA	P	/				5,6
05-6-2184-2	EPD&C-6378	3/1R	P	NA	P	/				5,6
	EPD&C-5055	2/1R	P	NA	P	/				1
	EPD&C-5179	2/1R	P	NA	P	/				1
05-6-2185-1	EPD&C-6379	2/1R	P	NA	P	/				1
	EPD&C-5477	3/1R	P	F	P	/				0
	EPD&C-5484	3/1R	P	F	P	/				0
	EPD&C-5542	3/1R	P	F	P	/				0
	EPD&C-5549	3/1R	P	F	P	/				0
05-6-2185-2	EPD&C-5593	3/1R	P	F	P	/				0
	EPD&C-5600	3/1R	P	F	P	/				0
	EPD&C-5478	3/1R	F	F	P	/				1,6
	EPD&C-5483	3/1R	F	F	P	/				1,6

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2185-2	EPD&C-5543	3/1R	F	F	P	/				1,6	
	EPD&C-5548	3/1R	F	F	P	/				1,6	
	EPD&C-5594	3/1R	F	F	P	/				1,6	
	EPD&C-5599	3/1R	F	F	P	/				1,6	
05-6-2186-1	EPD&C-5480	3/1R	P	F	P	/				0	
	EPD&C-5481	3/1R	P	F	P	/				0	
	EPD&C-5545	3/1R	P	F	P	/				0	
	EPD&C-5546	3/1R	P	F	P	/				0	
	EPD&C-5596	3/1R	P	F	P	/				0	
	EPD&C-5597	3/1R	P	F	P	/				0	
05-6-2186-2	EPD&C-5479	3/1R	P	F	P	/				1	
	EPD&C-5482	3/1R	P	F	P	/				1	
	EPD&C-5544	3/1R	P	F	P	/				1	
	EPD&C-5547	3/1R	P	F	P	/				1	
	EPD&C-5595	3/1R	P	F	P	/				1	
	EPD&C-5598	3/1R	P	F	P	/				1	
05-6-2186-3	EPD&C-5480A	3/1R	P	P	P	/				0	
	EPD&C-5481A	3/1R	P	P	P	/				0	
	EPD&C-5545A	3/1R	P	P	P	/				0	
	EPD&C-5546A	3/1R	P	P	P	/				0	
	EPD&C-5596A	3/1R	P	P	P	/				0	
	EPD&C-5597A	3/1R	P	P	P	/				0	
05-6-2187-1	EPD&C-5463	3/1R	P	P	P	/				0	
	EPD&C-5473	3/1R	P	P	P	/				0	
	EPD&C-5529	3/1R	P	P	P	/				0	
	EPD&C-5538	3/1R	P	P	P	/				0	
	EPD&C-5631	3/1R	P	P	P	/				0	
	EPD&C-5645	3/1R	P	P	P	/				0	
05-6-2187-2	EPD&C-5464	3/3				/				0	
	EPD&C-5474	3/3				/				0	
	EPD&C-5528	3/3				/				0	
	EPD&C-5539	3/3				/				0	
	EPD&C-5630	3/3				/				0	
	EPD&C-5644	3/3				/				0	
05-6-2188-1	EPD&C-5466	3/3				/				0	
	EPD&C-5476	3/3				/				0	
	EPD&C-5526	3/3				/				0	
	EPD&C-5541	3/3				/				0	
	EPD&C-5532	3/3				/				0	
	EPD&C-5642	3/3				/				0	
05-6-2188-2	EPD&C-5465	3/1R	F	F	P	/				1	
	EPD&C-5475	3/1R	F	F	P	/				1	
	EPD&C-5527	3/1R	F	F	P	/				1	
	EPD&C-5540	3/1R	F	F	P	/				1	
	EPD&C-5633	3/1R	F	F	P	/				1	
	EPD&C-5643	3/1R	F	F	P	/				1	
05-6-2191-1	EPD&C-5502	3/3				/				0	
	EPD&C-5505	3/3				/				0	
	EPD&C-5567	3/3				/				0	
	EPD&C-5570	3/3				/				0	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS †						
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2191-1	EPD&C-5617	3/3				/				0	
	EPD&C-5618	3/3				/				0	
05-6-2191-2	EPD&C-5503	3/1R	F	F	P	/				7	
	EPD&C-5504	3/1R	F	F	P	/				7	
	EPD&C-5560	3/1R	F	F	P	/				7	
	EPD&C-5569	3/1R	F	F	P	/				7	
	EPD&C-5616	3/1R	F	F	P	/				7	
	EPD&C-5619	3/1R	F	F	P	/				7	
05-6-2191-3	EPD&C-5502A	3/1R	P	F	P	/				0	
	EPD&C-5505A	3/1R	P	F	P	/				0	
	EPD&C-5567A	3/1R	P	F	P	/				0	
	EPD&C-5570A	3/1R	P	F	P	/				0	
	EPD&C-5617A	3/1R	P	F	P	/				0	
	EPD&C-5618A	3/1R	P	F	P	/				0	
05-6-2192-1	EPD&C-6421	3/3				/				0	
	EPD&C-6422	3/3				/				0	
	EPD&C-6423	3/3				/				0	
	EPD&C-6424	3/3				/				0	
	EPD&C-6425	3/3				/				0	
	EPD&C-6426	3/3				/				0	
	EPD&C-6427	3/3				/				0	
	EPD&C-6428	3/3				/				0	
	EPD&C-6429	3/3				/				0	
05-6-2192-2	EPD&C-6412	3/3				/				0	
	EPD&C-6413	3/3				/				0	
	EPD&C-6414	3/3				/				0	
	EPD&C-6415	3/3				/				0	
	EPD&C-6416	3/3				/				0	
	EPD&C-6417	3/3				/				0	
	EPD&C-6418	3/3				/				0	
	EPD&C-6419	3/3				/				0	
	EPD&C-6420	3/3				/				0	
05-6-2193-1	EPD&C-6448	3/3				/				0	
	EPD&C-6449	3/3				/				0	
	EPD&C-6450	3/3				/				0	
	EPD&C-6451	3/3				/				0	
	EPD&C-6452	3/3				/				0	
	EPD&C-6453	3/3				/				0	
	EPD&C-6454	3/3				/				0	
	EPD&C-6455	3/3				/				0	
	EPD&C-6456	3/3				/				0	
05-6-2193-2	EPD&C-6457	3/3				/				0	
	EPD&C-6458	3/3				/				0	
	EPD&C-6459	3/3				/				0	
	EPD&C-6460	3/3				/				0	
	EPD&C-6461	3/3				/				0	
	EPD&C-6462	3/3				/				0	
	EPD&C-6463	3/3				/				0	
	EPD&C-6464	3/3				/				0	
	EPD&C-6465	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2195-1	EPD&C-5907	3/3		/		0		
	EPD&C-5910	3/3		/		0		
	EPD&C-5911	3/3		/		0		
	EPD&C-5914	3/3		/		0		
	EPD&C-5915	3/3		/		0		
	EPD&C-5918	3/3		/		0		
	EPD&C-6086	3/3		/		0		
	EPD&C-6089	3/3		/		0		
	EPD&C-6090	3/3		/		0		
	EPD&C-6093	3/3		/		0		
	EPD&C-6094	3/3		/		0		
	EPD&C-6097	3/3		/		0		
	EPD&C-6266	3/3		/		0		
	EPD&C-6268	3/3		/		0		
	EPD&C-6270	3/3		/		0		
	EPD&C-6272	3/3		/		0		
	EPD&C-6274	3/3		/		0		
EPD&C-6276	3/3		/		0			
05-6-2195-2	EPD&C-5908	3/1R	P NA P	/		7		
	EPD&C-5909	3/1R	P NA P	/		7		
	EPD&C-5912	3/1R	P NA P	/		7		
	EPD&C-5913	3/1R	P NA P	/		2,7,8		
	EPD&C-5916	3/1R	P NA P	/		2,7,8		
	EPD&C-5917	3/1R	P NA P	/		2,7,8		
	EPD&C-6087	3/1R	P NA P	/		7		
	EPD&C-6088	3/1R	P NA P	/		7		
	EPD&C-6091	3/1R	P NA P	/		7		
	EPD&C-6092	3/1R	P NA P	/		2,7,8		
	EPD&C-6095	3/1R	P NA P	/		2,7,8		
	EPD&C-6096	3/1R	P NA P	/		2,7,8		
	EPD&C-6267	3/1R	P NA P	/		7		
	EPD&C-6269	3/1R	P NA P	/		7		
	EPD&C-6271	3/1R	P NA P	/		7		
	EPD&C-6273	3/1R	P NA P	/		2,7,8		
	EPD&C-6275	3/1R	P NA P	/		2,7,8		
EPD&C-6277	3/1R	P NA P	/		2,7,8			
05-6-2197-1	EPD&C-5693	3/1R	P F P	/		0		
	EPD&C-5696	3/1R	P F P	/		0		
	EPD&C-5697	3/1R	P F P	/		0		
	EPD&C-5700	3/1R	P F P	/		0		
	EPD&C-5701	3/1R	P F P	/		0		
	EPD&C-5704	3/1R	P F P	/		0		
	EPD&C-5739	3/1R	P F P	/		0		
	EPD&C-5742	3/1R	P F P	/		0		
	EPD&C-5743	3/1R	P F P	/		0		
	EPD&C-5746	3/1R	P F P	/		0		
	EPD&C-5747	3/1R	P F P	/		0		
	EPD&C-5750	3/1R	P F P	/		0		
	EPD&C-5769	3/1R	P F P	/		0		
	EPD&C-5772	3/1R	P F P	/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			OTHER (SEE LEGEND CODE)	ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C		
05-6-2197-1	EPD&C-5773	3/1R	P	F	P	/			0
	EPD&C-5776	3/1R	P	F	P	/			0
	EPD&C-5777	3/1R	P	F	P	/			0
	EPD&C-5780	3/1R	P	F	P	/			0
05-6-2197-2	EPD&C-5694	2/1R	P	F	P	/			14
	EPD&C-5695	2/1R	P	F	P	/			14
	EPD&C-5698	2/1R	P	F	P	/			14
	EPD&C-5699	2/1R	P	F	P	/			14
	EPD&C-5702	2/1R	P	F	P	/			14
	EPD&C-5703	2/1R	P	F	P	/			14
	EPD&C-5740	2/1R	P	F	P	/			14
	EPD&C-5741	2/1R	P	F	P	/			14
	EPD&C-5744	2/1R	P	F	P	/			14
	EPD&C-5745	2/1R	P	F	P	/			14
	EPD&C-5748	2/1R	P	F	P	/			14
	EPD&C-5749	2/1R	P	F	P	/			14
	EPD&C-5770	2/1R	P	F	P	/			14
	EPD&C-5771	2/1R	P	F	P	/			14
	EPD&C-5774	2/1R	P	F	P	/			14
	EPD&C-5775	2/1R	P	F	P	/			14
	EPD&C-5778	2/1R	P	F	P	/			14
EPD&C-5779	2/1R	P	F	P	/			14	
05-6-2197-3	EPD&C-5693A	3/1R	P	P	P	/			0
	EPD&C-5696A	3/1R	P	P	P	/			0
	EPD&C-5697A	3/1R	P	P	P	/			0
	EPD&C-5700A	3/1R	P	P	P	/			0
	EPD&C-5701A	3/1R	P	P	P	/			0
	EPD&C-5704A	3/1R	P	P	P	/			0
	EPD&C-5739A	3/1R	P	P	P	/			0
	EPD&C-5742A	3/1R	P	P	P	/			0
	EPD&C-5743A	3/1R	P	P	P	/			0
	EPD&C-5746A	3/1R	P	P	P	/			0
	EPD&C-5747A	3/1R	P	P	P	/			0
	EPD&C-5750A	3/1R	P	P	P	/			0
	EPD&C-5769A	3/1R	P	P	P	/			0
	EPD&C-5772A	3/1R	P	P	P	/			0
	EPD&C-5773A	3/1R	P	P	P	/			0
	EPD&C-5776A	3/1R	P	P	P	/			0
	EPD&C-5777A	3/1R	P	P	P	/			0
EPD&C-5780A	3/1R	P	P	P	/			0	
05-6-2199-1	EPD&C-5873	3/3				/			0
	EPD&C-5874	3/3				/			0
	EPD&C-5875	3/3				/			0
	EPD&C-5876	3/3				/			0
	EPD&C-5877	3/3				/			0
	EPD&C-5878	3/3				/			0
	EPD&C-6038	3/3				/			0
	EPD&C-6039	3/3				/			0
	EPD&C-6040	3/3				/			0
	EPD&C-6041	3/3				/			0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2199-1	EPD&C-6042	3/3		/		0		
	EPD&C-6043	3/3		/		0		
	EPD&C-6215	3/3		/		0		
	EPD&C-6216	3/3		/		0		
	EPD&C-6217	3/3		/		0		
	EPD&C-6218	3/3		/		0		
	EPD&C-6219	3/3		/		0		
	EPD&C-6220	3/3		/		0		
05-6-2200-1	EPD&C-6044	3/3		/		0		
	EPD&C-6045	3/3		/		0		
	EPD&C-6046	3/3		/		0		
	EPD&C-6047	3/3		/		0		
	EPD&C-6048	3/3		/		0		
	EPD&C-6049	3/3		/		0		
	EPD&C-6221	3/3		/		0		
	EPD&C-6222	3/3		/		0		
	EPD&C-6223	3/3		/		0		
	EPD&C-6224	3/3		/		0		
	EPD&C-6225	3/3		/		0		
	EPD&C-6226	3/3		/		0		
	EPD&C-6380	3/3		/		0		
	EPD&C-6381	3/3		/		0		
	EPD&C-6382	3/3		/		0		
	EPD&C-6383	3/3		/		0		
	EPD&C-6384	3/3		/		0		
	EPD&C-6385	3/3		/		0		
05-6-2201-1	EPD&C-6430	3/3		/		0		
	EPD&C-6431	3/3		/		0		
	EPD&C-6432	3/3		/		0		
	EPD&C-6433	3/3		/		0		
	EPD&C-6434	3/3		/		0		
	EPD&C-6435	3/3		/		0		
	EPD&C-6436	3/3		/		0		
	EPD&C-6437	3/3		/		0		
EPD&C-6438	3/3		/		0			
05-6-2201-2	EPD&C-6439	3/1R	P NA P	/		19		
	EPD&C-6440	3/1R	P NA P	/		19		
	EPD&C-6441	3/1R	P NA P	/		19		
	EPD&C-6442	3/1R	P NA P	/		19		
	EPD&C-6443	3/1R	P NA P	/		19		
	EPD&C-6444	3/1R	P NA P	/		19		
	EPD&C-6445	3/1R	P NA P	/		19		
	EPD&C-6446	3/1R	P NA P	/		19		
EPD&C-6447	3/1R	P NA P	/		19			
05-6-2202-1	EPD&C-6394	3/1R	P NA P	/		16		
	EPD&C-6395	3/1R	P NA P	/		16		
	EPD&C-6396	3/1R	P NA P	/		16		
	EPD&C-6397	3/1R	P NA P	/		16		
	EPD&C-6398	3/1R	P NA P	/		16		
	EPD&C-6399	3/1R	P NA P	/		16		

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *				ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2202-1	EPD&C-6400	3/1R	P	NA	P	/				16
	EPD&C-6401	3/1R	P	NA	P	/				16
	EPD&C-6402	3/1R	P	NA	P	/				16
05-6-2202-2	EPD&C-6403	3/3				/				0
	EPD&C-6404	3/3				/				0
	EPD&C-6405	3/3				/				0
	EPD&C-6406	3/3				/				0
	EPD&C-6407	3/3				/				0
	EPD&C-6408	3/3				/				0
	EPD&C-6409	3/3				/				0
	EPD&C-6410	3/3				/				0
05-6-2204-1	EPD&C-5919	3/1R	P	NA	P	/				16
	EPD&C-5922	3/1R	P	NA	P	/				16
	EPD&C-5923	3/1R	P	NA	P	/				16
	EPD&C-6098	3/1R	P	NA	P	/				16
	EPD&C-6101	3/1R	P	NA	P	/				16
	EPD&C-6102	3/1R	P	NA	P	/				16
	EPD&C-6278	3/1R	P	NA	P	/				16
	EPD&C-6280	3/1R	P	NA	P	/				16
05-6-2204-2	EPD&C-6282	3/1R	P	NA	P	/				16
	EPD&C-5920	3/3				/				0
	EPD&C-5921	3/3				/				0
	EPD&C-5924	3/3				/				0
	EPD&C-6099	3/3				/				0
	EPD&C-6100	3/3				/				0
	EPD&C-6103	3/3				/				0
	EPD&C-6279	3/3				/				0
05-6-2205-1	EPD&C-6281	3/3				/				0
	EPD&C-6283	3/3				/				0
	EPD&C-5274	3/2R	P	NA	P	/				2
	EPD&C-5277	3/2R	P	NA	P	/				2
	EPD&C-5278	3/2R	P	NA	P	/				2
	EPD&C-5281	3/2R	P	NA	P	/				2
05-6-2205-2	EPD&C-5282	3/2R	P	NA	P	/				2
	EPD&C-5285	3/2R	P	NA	P	/				2
	EPD&C-5275	3/3				/				5
	EPD&C-5276	3/3				/				5
	EPD&C-5279	3/3				/				5
	EPD&C-5280	3/3				/				5
05-6-2207-1	EPD&C-5283	3/3				/				5
	EPD&C-5284	3/3				/				5
	EPD&C-5039	3/3				/				0
	EPD&C-5041	3/3				/				0
	EPD&C-5043	3/3				/				0
	EPD&C-5045	3/1R	P	NA	P	/				1
	EPD&C-5164	3/3				/				0
	EPD&C-5166	3/3				/				0
	EPD&C-5168	3/3				/				0
	EPD&C-5170	3/1R	P	NA	P	/				1

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2207-1	EPD&C-5387	3/3		/		0		
	EPD&C-5390	3/3		/		0		
	EPD&C-5391	3/3		/		0		
	EPD&C-5394	3/1R	P NA P	/		1		
05-6-2207-2	EPD&C-5040	3/1R	P NA P	/		7		
	EPD&C-5042	3/1R	P NA P	/		7		
	EPD&C-5044	3/1R	P NA P	/		7		
	EPD&C-5046	3/1R	P NA P	/		7		
	EPD&C-5165	3/1R	P NA P	/		7		
	EPD&C-5167	3/1R	P NA P	/		7		
	EPD&C-5169	3/1R	P NA P	/		7		
	EPD&C-5171	3/1R	P NA P	/		7		
	EPD&C-5388	3/1R	P NA P	/		7		
	EPD&C-5389	3/1R	P NA P	/		7		
	EPD&C-5392	3/1R	P NA P	/		7		
	EPD&C-5393	3/1R	P NA P	/		7		
	05-6-2207-3	EPD&C-5039A	3/1R	P NA P	/		0	
EPD&C-5041A		3/1R	P NA P	/		0		
EPD&C-5043A		3/1R	P NA P	/		0		
EPD&C-5045A		3/1R	P NA P	/		0		
EPD&C-5164A		3/1R	P NA P	/		0		
EPD&C-5166A		3/1R	P NA P	/		0		
EPD&C-5168A		3/1R	P NA P	/		0		
EPD&C-5170A		3/1R	P NA P	/		0		
EPD&C-5387A		3/1R	P NA P	/		0		
EPD&C-5390A		3/1R	P NA P	/		0		
EPD&C-5391A		3/1R	P NA P	/		0		
EPD&C-5394A		3/1R	P NA P	/		0		
05-6-2208-1		EPD&C-5330	3/1R	F NA P	/		2,8	
	EPD&C-5333	3/1R	F NA P	/		2,8		
05-6-2208-2	EPD&C-5331	3/3		/		0		
	EPD&C-5332	3/3		/		0		
05-6-2209-1	EPD&C-5296	3/1R	P NA P	/		2		
	EPD&C-5301	3/1R	P NA P	/		2		
05-6-2209-2	EPD&C-5299	3/1R	P NA P	/		1,6		
	EPD&C-5300	3/1R	P NA P	/		1,6		
05-6-2210-1	EPD&C-5302	3/3		/		0		
05-6-2210-2	EPD&C-5303	3/1R	P NA P	/		1,6		
05-6-2211-1	EPD&C-5049	2/1R	P NA P	/		1,6		
	EPD&C-5182	2/1R	P NA P	/		1,6		
	EPD&C-5371	2/1R	P NA P	/		1,6		
05-6-2211-3	EPD&C-5050	2/1R	P P P	/		6		
	EPD&C-5183	2/1R	P P P	/		6		
	EPD&C-5372	2/1R	P P P	/		6		
05-6-2212-1	EPD&C-5047	3/1R	P NA P	/		6		
	EPD&C-5180	3/1R	P NA P	/		6		
	EPD&C-5369	3/1R	P NA P	/		6		
05-6-2212-2	EPD&C-5047A	2/1R	P NA P	/		0		
	EPD&C-5180A	2/1R	P NA P	/		0		
	EPD&C-5369A	2/1R	P NA P	/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2212-3	EPD&C-5048	3/1R	P NA P	/		6		
	EPD&C-5181	3/1R	P NA P	/		6		
	EPD&C-5370	3/1R	P NA P	/		6		
05-6-2213-1	EPD&C-5459	3/1R	P F P	/		1,2,6		
	EPD&C-5524	3/1R	P F P	/		1,2,6		
	EPD&C-5622	3/1R	P F P	/		1,2,6		
05-6-2213-2	EPD&C-5459A	2/1R	P P P	/		0		
	EPD&C-5524A	2/1R	P P P	/		0		
	EPD&C-5622A	2/1R	P P P	/		0		
05-6-2213-3	EPD&C-5458	3/3		/		0		
	EPD&C-5525	3/3		/		0		
	EPD&C-5623	3/3		/		0		
05-6-2214-1	EPD&C-5455	3/1R	P F P	/		0		
	EPD&C-5518	3/1R	P F P	/		0		
	EPD&C-5628	3/1R	P F P	/		0		
05-6-2214-2	EPD&C-5455A	2/1R	P P P	/		0		
	EPD&C-5518A	2/1R	P P P	/		0		
	EPD&C-5628A	2/1R	P P P	/		0		
05-6-2214-3	EPD&C-5454	3/3		/		0		
	EPD&C-5519	3/3		/		0		
	EPD&C-5629	3/3		/		0		
05-6-2215-1	EPD&C-5837	3/1R	P NA P	/		6		
	EPD&C-6002	3/1R	P NA P	/		6		
	EPD&C-6183	3/1R	P NA P	/		6		
05-6-2215-2	EPD&C-5838	3/1R	P NA P	/		6		
	EPD&C-6003	3/1R	P NA P	/		6		
	EPD&C-6182	3/1R	P NA P	/		6		
05-6-2215-3	EPD&C-5837A	3/1R	P NA P	/		0		
	EPD&C-6002A	3/1R	P NA P	/		0		
	EPD&C-6183A	3/1R	P NA P	/		0		
05-6-2216-1	EPD&C-5897	3/1R	P NA P	/		2,6		
	EPD&C-6000	3/1R	P NA P	/		2,6		
	EPD&C-6258	3/1R	P NA P	/		2,6		
05-6-2216-2	EPD&C-5898	3/1R	P NA P	/		2,6		
	EPD&C-6081	3/1R	P NA P	/		2,6		
	EPD&C-6259	3/1R	P NA P	/		2,6		
05-6-2217-1	EPD&C-6466A	3/3		/		0		
05-6-2217-2	EPD&C-6466	3/3		/		0		
05-6-2221-1	EPD&C-6467	3/3		/		0		
05-6-2223-1	EPD&C-5931	3/1R	P P P	/		6		
	EPD&C-6084	3/1R	P P P	/		6		
	EPD&C-6260	3/1R	P P P	/		6		
05-6-2223-2	EPD&C-5932	3/1R	P P P	/		6		
	EPD&C-6085	3/1R	P P P	/		6		
	EPD&C-6261	3/1R	P P P	/		6		
05-6-2223-3	EPD&C-5931A	3/1R	P P P	/		0		
	EPD&C-6084A	3/1R	P P P	/		0		
	EPD&C-6260A	3/1R	P P P	/		0		
05-6-2225-1	EPD&C-5072	3/3		/		0		
	EPD&C-5073	3/3		/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2225-1	EPD&C-5074	3/3		/		0		
	EPD&C-5075	3/3		/		0		
	EPD&C-5201	3/3		/		0		
	EPD&C-5202	3/3		/		0		
	EPD&C-5203	3/3		/		0		
	EPD&C-5204	3/3		/		0		
	EPD&C-5413	3/3		/		0		
	EPD&C-5414	3/3		/		0		
	EPD&C-5415	3/3		/		0		
	EPD&C-5416	3/3		/		0		
	EPD&C-5417	3/3		/		0		
	EPD&C-5418	3/3		/		0		
05-6-2226-1	EPD&C-5308	3/1R	P NA P	/		6		
05-6-2226-2	EPD&C-5309	2/1R	P P P	/		6		
05-6-2226-3	EPD&C-5308A	2/1R	P NA P	/		0		
05-6-2227-1	EPD&C-5306	3/1R	P NA P	/		6		
	EPD&C-5310	3/1R	P NA P	/		6		
05-6-2227-2	EPD&C-5307	3/3		/		6		
	EPD&C-5311	3/3		/		6		
05-6-2227-3	EPD&C-5306A	2/1R	P NA P	/		0		
	EPD&C-5310A	2/1R	P NA P	/		0		
05-6-2228-1	EPD&C-5184	3/2R	P P P	/		6		
	EPD&C-5373	3/2R	P P P	/		6		
05-6-2228-2	EPD&C-5185	3/3		/		6		
	EPD&C-5374	3/3		/		6		
05-6-2228-3	EPD&C-5184A	2/1R	P NA P	/		6		
	EPD&C-5373A	2/1R	P NA P	/		6		
05-6-2230-1	EPD&C-5677	3/1R	P P P	/		0		
	EPD&C-5679	3/1R	P P P	/		0		
	EPD&C-5681	3/1R	P P P	/		0		
05-6-2230-2	EPD&C-5678	3/3		/		0		
	EPD&C-5680	3/3		/		0		
	EPD&C-5682	3/3		/		0		
05-6-2231-1	EPD&C-6357	2/1R	P P P	/		5,6		
	EPD&C-6359	2/1R	P P P	/		5,6		
05-6-2231-2	EPD&C-6356	3/3		/		5		
	EPD&C-6358	3/3		/		5		
05-6-2232-1	EPD&C-5960	3/3		/		0		
	EPD&C-5961	3/3		/		0		
	EPD&C-5962	3/3		/		0		
	EPD&C-5963	3/3		/		0		
	EPD&C-6318	3/3		/		0		
	EPD&C-6319	3/3		/		0		
	EPD&C-6320	3/3		/		0		
	EPD&C-6321	3/3		/		0		
05-6-2233-1	EPD&C-6260	2/2		/		5,6		
05-6-2233-2	EPD&C-6259	3/2R	P NA P	/		5,6		
05-6-2234-1	EPD&C-6258	2/2		/		5,6		
05-6-2234-2	EPD&C-6257	3/3		/		6		
05-6-2235-1	EPD&C-6648	3/1R	P NA P	/		10		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C		OTHER (SEE LEGEND CODE)
05-6-2235-2	EPD&C-6649	2/1R	P	NA	P	/		5
05-6-2236-1	EPD&C-6650	3/1R	P	NA	P	/		10
05-6-2236-2	EPD&C-6651	1/1				/		0
05-6-2237-1	EPD&C-6652	2/1R	P	P	P	/		4
05-6-2237-2	EPD&C-6653	3/1R	P	NA	P	/		10
05-6-2237-3	EPD&C-6654	/				/		6
05-6-2238-1	EPD&C-6655	1/1				/		6
05-6-2238-2	EPD&C-6656	3/1R	P	P	P	/		5
05-6-2238-3	EPD&C-6657	/				/		6
05-6-2239-1	EPD&C-6692X	3/3				/		0
05-6-2240-1	EPD&C-5318	3/3				/		22
05-6-2240-2	EPD&C-5318A	2/1R	P	NA	P	/		22
05-6-2240-3	EPD&C-5319	3/3				/		22
05-6-2241-1	EPD&C-5051	3/1R	P	NA	P	/		2
	EPD&C-5174	3/1R	P	NA	P	/		2
	EPD&C-5367	3/1R	P	NA	P	/		2
05-6-2241-2	EPD&C-5052	3/3				/		0
	EPD&C-5175	3/3				/		0
	EPD&C-5368	3/3				/		0
05-6-2242-1	EPD&C-5028	3/1R	P	P	P	/		2
	EPD&C-5139	3/1R	P	P	P	/		2
	EPD&C-5364	3/1R	P	P	P	/		2
05-6-2243-1	EPD&C-5189	3/3				/		0
	EPD&C-5378	3/3				/		0
05-6-2245-1	EPD&C-5831	3/1R	P	NA	P	/		2
	EPD&C-5833	3/1R	P	NA	P	/		2
	EPD&C-5835	3/1R	P	NA	P	/		2
	EPD&C-5996	3/1R	P	NA	P	/		2
	EPD&C-5998	3/1R	P	NA	P	/		2
	EPD&C-6000	3/1R	P	NA	P	/		2
	EPD&C-6176	3/1R	P	NA	P	/		2
	EPD&C-6179	3/1R	P	NA	P	/		2
	EPD&C-6180	3/1R	P	NA	P	/		2
05-6-2245-2	EPD&C-5832	3/1R	P	NA	P	/		5
	EPD&C-5834	3/1R	P	NA	P	/		5
	EPD&C-5836	3/1R	P	NA	P	/		5
	EPD&C-5997	3/1R	P	NA	P	/		5
	EPD&C-5999	3/1R	P	NA	P	/		5
	EPD&C-6001	3/1R	P	NA	P	/		5
	EPD&C-6177	3/1R	P	NA	P	/		5
	EPD&C-6178	3/1R	P	NA	P	/		5
	EPD&C-6181	3/1R	P	NA	P	/		5
05-6-2247-1	EPD&C-5078	3/3				/		0
	EPD&C-5079	3/3				/		0
	EPD&C-5197	3/3				/		0
	EPD&C-5198	3/3				/		0
	EPD&C-5403	3/3				/		0
	EPD&C-5404	3/3				/		0
05-6-2253-1	EPD&C-5029	3/3				/		0
	EPD&C-5137	3/3				/		0

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2253-1	EPD&C-5366	3/3				/				0	
05-6-2255-1	EPD&C-5019	3/3				/				0	
	EPD&C-5145	3/3				/				0	
	EPD&C-5360	3/3				/				0	
05-6-2256-1	EPD&C-5488	3/3				/				0	
	EPD&C-5553	3/3				/				0	
	EPD&C-5604	3/3				/				0	
05-6-2257-1	EPD&C-5009	3/3				/				0	
	EPD&C-5127	3/3				/				0	
	EPD&C-5348	3/3				/				0	
05-6-2259-1	EPD&C-5944	3/3				/				0	
	EPD&C-5945	3/3				/				0	
	EPD&C-5946	3/3				/				0	
	EPD&C-6107	3/3				/				0	
	EPD&C-6108	3/3				/				0	
	EPD&C-6109	3/3				/				0	
	EPD&C-6305	3/3				/				0	
	EPD&C-6306	3/3				/				0	
	EPD&C-6307	3/3				/				0	
05-6-2260-1	EPD&C-5022	3/1R	P	NA	P	/				2	
	EPD&C-5023	3/1R	P	NA	P	/				2	
	EPD&C-5024	3/1R	P	NA	P	/				2	
	EPD&C-5140	3/1R	P	NA	P	/				2	
	EPD&C-5141	3/1R	P	NA	P	/				2	
	EPD&C-5142	3/1R	P	NA	P	/				2	
	EPD&C-5143	3/1R	P	NA	P	/				2	
	EPD&C-5144	3/1R	P	NA	P	/				2	
	EPD&C-5361	3/1R	P	NA	P	/				2	
	EPD&C-5362	3/1R	P	NA	P	/				2	
05-6-2261-1	EPD&C-5080	3/1R	P	F	P	/				19	
	EPD&C-5199	3/1R	P	F	P	/				19	
	EPD&C-5406	3/1R	P	F	P	/				18	
05-6-2261-2	EPD&C-5081	3/3				/				0	
	EPD&C-5200	3/3				/				0	
	EPD&C-5405	3/3				/				0	
05-6-2262-1	EPD&C-5790	3/1R	P	F	P	/				0	
	EPD&C-5791	3/1R	P	F	P	/				0	
	EPD&C-5792	3/1R	P	F	P	/				0	
	EPD&C-5793	3/1R	P	F	P	/				0	
	EPD&C-5794	3/1R	P	F	P	/				0	
	EPD&C-5795	3/1R	P	F	P	/				0	
	EPD&C-5796	3/1R	P	F	P	/				0	
	EPD&C-5797	3/1R	P	F	P	/				0	
	EPD&C-5798	3/1R	P	F	P	/				0	
05-6-2263-1	EPD&C-5057	2/1R	P	F	P	/				1,18	
	EPD&C-5076	2/1R	P	F	P	/				1,18	
	EPD&C-5172	2/1R	P	F	P	/				1,18	
05-6-2263-2	EPD&C-5058	3/3				/				0	
	EPD&C-5077	3/3				/				0	
	EPD&C-5173	3/3				/				0	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2264-1	EPD&C-5941	3/1R	P	P	P	/				2	
	EPD&C-5942	3/1R	P	P	P	/				2	
	EPD&C-5943	3/1R	P	P	P	/				2	
	EPD&C-6104	3/1R	P	P	P	/				2	
	EPD&C-6105	3/1R	P	P	P	/				2	
	EPD&C-6106	3/1R	P	P	P	/				2	
	EPD&C-6302	3/1R	P	P	P	/				2	
	EPD&C-6303	3/1R	P	P	P	/				2	
	EPD&C-6304	3/1R	P	P	P	/				2	
05-6-2265-1	EPD&C-5934	3/1R	P	P	P	/				0	
	EPD&C-6003	3/1R	P	P	P	/				0	
	EPD&C-6262	3/1R	P	P	P	/				0	
05-6-2265-2	EPD&C-5933	3/1R	P	F	P	/				2	
	EPD&C-6002	3/1R	P	F	P	/				2	
	EPD&C-6263	3/1R	P	F	P	/				2	
05-6-2270-1	EPD&C-5027	3/3				/				0	
	EPD&C-5138	3/3				/				0	
	EPD&C-5365	3/3				/				0	
05-6-2271-1	EPD&C-5646	3/3				/				0	
	EPD&C-5658	3/3				/				0	
05-6-2272-1	EPD&C-5647	3/3				/				0	
	EPD&C-5656	3/3				/				0	
	EPD&C-5657	3/3				/				0	
05-6-2273-1	EPD&C-5649	3/3				/				0	
	EPD&C-5650	3/3				/				0	
	EPD&C-5651	3/3				/				0	
	EPD&C-5652	3/3				/				0	
	EPD&C-5653	3/3				/				0	
	EPD&C-5655	3/3				/				0	
05-6-2274-1	EPD&C-5648	3/3				/				0	
	EPD&C-5654	3/3				/				0	
05-6-2275-1	EPD&C-5494	3/1R	P	NA	P	/				2	
	EPD&C-5558	3/1R	P	NA	P	/				2	
	EPD&C-5609	3/1R	P	NA	P	/				2	
05-6-2276-1	EPD&C-5492	2/1R	P	P	P	/				1	
	EPD&C-5557	2/1R	P	P	P	/				1	
	EPD&C-5608	2/1R	P	P	P	/				1	
05-6-2278-1	EPD&C-5059	3/1R	P	F	P	/				3	
	EPD&C-5060	2/1R	P	F	P	/				11	
	EPD&C-5061	2/1R	P	F	P	/				11	
	EPD&C-5062	2/1R	P	F	P	/				11	
	EPD&C-5190	2/1R	P	F	P	/				11	
	EPD&C-5191	2/1R	P	F	P	/				11	
	EPD&C-5195	2/1R	P	F	P	/				11	
	EPD&C-5196	2/1R	P	F	P	/				11	
	EPD&C-5395	2/1R	P	F	P	/				11	
	EPD&C-5396	2/1R	P	F	P	/				11	
	EPD&C-5401	3/1R	P	F	P	/				0	
	EPD&C-5402	2/1R	P	F	P	/				11	
05-6-2279-1	EPD&C-5495	3/1R	P	P	P	/				2	

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IDENTIFIERS		NASA			IDA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2279-1	EPD&C-5559	3/1R	P P P	/			2	
	EPD&C-5610	3/1R	P P P	/			2	
05-6-2280-1	EPD&C-5063	2/1R	P P P	/			5	
	EPD&C-5194	2/1R	P P P	/			5	
	EPD&C-5398	3/2R	P P P	/			0	
05-6-2284-1	EPD&C-5686	3/1R	P P P	/			0	
	EPD&C-5732	3/1R	P P P	/			0	
	EPD&C-5787	3/1R	P P P	/			0	
05-6-2287-1	EPD&C-5867	3/1R	P P P	/			2	
	EPD&C-5868	3/1R	P P P	/			2	
	EPD&C-5869	3/1R	P P P	/			2	
	EPD&C-6032	3/1R	P P P	/			2	
	EPD&C-6033	3/1R	P P P	/			2	
	EPD&C-6034	3/1R	P P P	/			2	
	EPD&C-6212	3/1R	P P P	/			2	
	EPD&C-6213	3/1R	P P P	/			2	
	EPD&C-6214	3/1R	P P P	/			2	
05-6-2288-1	EPD&C-5188	3/2R	P P P	/			2	
	EPD&C-5377	3/2R	P P P	/			2	
05-6-2289-1	EPD&C-5322	2/2		/			5	
	EPD&C-5323	2/2		/			5	
	EPD&C-5324	2/2		/			5	
	EPD&C-5325	2/2		/			5	
05-6-2291-1	EPD&C-5501	3/1R	P F P	/			0	
	EPD&C-5572	3/1R	P F P	/			0	
	EPD&C-5621	3/1R	P F P	/			0	
05-6-2293A-1	EPD&C-5107	3/1R	P P P	/			0	
05-6-2293B-1	EPD&C-5246	1/1		/			0	
05-6-2293C-1	EPD&C-5446	3/1R	P P P	/			2,5,10	
05-6-2294-1	EPD&C-5096	1/1		/			11	
	EPD&C-5217	1/1		/			11	
	EPD&C-5427	1/1		/			11	
05-6-2295-1	EPD&C-5100	2/1R	P P P	/			5	
	EPD&C-5232	2/1R	P P P	/			5	
	EPD&C-5436	2/1R	P P P	/			5	
05-6-2297-1	EPD&C-602E	3/1R	P NA P	/			5	
	EPD&C-6029	3/1R	P NA P	/			5	
	EPD&C-6030	3/1R	P NA P	/			5	
	EPD&C-6031	3/1R	P NA P	/			5	
	EPD&C-6078	3/1R	P NA P	/			5	
	EPD&C-6079	3/1R	P NA P	/			5	
	EPD&C-6206	3/1R	P NA P	/			5	
	EPD&C-6207	3/1R	P NA P	/			5	
	EPD&C-6208	3/1R	P NA P	/			5	
	EPD&C-6209	3/1R	P NA P	/			5	
	EPD&C-6210	3/1R	P NA P	/			5	
	EPD&C-6211	3/1R	P NA P	/			5	
	EPD&C-6386	3/1R	P NA P	/			5	
	EPD&C-6387	3/1R	P NA P	/			5	
	EPD&C-6388	3/1R	P NA P	/			5	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2297-1	EPD&C-6389	3/1R	P	NA	P	/				5	
	EPD&C-6390	3/1R	P	NA	P	/				5	
	EPD&C-6391	3/1R	P	NA	P	/				5	
05-6-2298-1	EPD&C-5964	3/2R	P	P	P	/				5	
	EPD&C-6137	3/2R	P	P	P	/				5	
	EPD&C-6314	3/2R	P	P	P	/				5	
	EPD&C-6316	3/2R	P	P	P	/				5	
05-6-2298-2	EPD&C-5965	3/3				/				0	
	EPD&C-6136	3/3				/				0	
	EPD&C-6315	3/3				/				0	
	EPD&C-6317	3/3				/				0	
05-6-2299-1	EPD&C-5104	3/1R	P	P	P	/				2	
	EPD&C-5105	3/1R	P	P	P	/				2	
	EPD&C-5242	3/1R	P	P	P	/				2	
	EPD&C-5243	3/1R	P	P	P	/				2	
	EPD&C-5244	3/1R	P	P	P	/				2	
	EPD&C-5438	3/1R	P	P	P	/				2	
	EPD&C-5439	3/1R	P	P	P	/				2	
	EPD&C-5440	3/1R	P	P	P	/				2	
05-6-2300-1	EPD&C-5490	3/3				/				0	
	EPD&C-5493	3/3				/				0	
	EPD&C-5555	3/3				/				0	
	EPD&C-5606	3/3				/				0	
05-6-2301-1	EPD&C-6468	3/3				/				0	
	EPD&C-6469	3/3				/				0	
	EPD&C-6470	3/3				/				0	
05-6-2302-1	EPD&C-6471	3/1R	P	NA	P	/				5	
	EPD&C-6472	3/1R	P	NA	P	/				5	
	EPD&C-6473	3/1R	P	NA	P	/				5	
05-6-2303-1	EPD&C-6484	3/3				/				0	
05-6-2303-2	EPD&C-6484A	3/3				/				0	
05-6-2304-1	EPD&C-6485	3/3				/				0	
05-6-2305-1	EPD&C-5559	3/3				/				0	
05-6-2306-1	EPD&C-6474	3/1R	P	P	P	/				5,6	
	EPD&C-6475	3/1R	P	P	P	/				5,6	
	EPD&C-6476	3/1R	P	P	P	/				5,6	
05-6-2307-1	EPD&C-6477	3/1R	P	P	P	/				5,6	
	EPD&C-6478	3/1R	P	P	P	/				5,6	
	EPD&C-6479	3/1R	P	P	P	/				5,6	
05-6-2310-1	EPD&C-6483	3/3				/				0	
05-6-2310-2	EPD&C-6483A	3/3				/				0	
05-6-2311-1	EPD&C-6480	3/3				/				0	
	EPD&C-6481	3/3				/				0	
	EPD&C-6482	3/3				/				0	
05-6-2321-1	EPD&C-5273	3/3				/				0	
	EPD&C-5295	3/3				/				0	
05-6-2322-1	EPD&C-5272	3/3				/				0	
	EPD&C-5294	3/3				/				0	
05-6-2323-1	EPD&C-5314	3/3				/				0	
	EPD&C-5328	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE				
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)		
05-6-2323-1	EPD&C-5329	3/3				/				0		
05-6-2324-1	EPD&C-5315	3/3				/				0		
	EPD&C-5326	3/3				/				0		
	EPD&C-5327	3/3				/				0		
	EPD&C-5315A	3/3				/				0		
05-6-2324-2	EPD&C-5326A	3/3				/				0		
	EPD&C-5327A	3/3				/				0		
	EPD&C-5708	3/3				/				0		
05-6-2325-1	EPD&C-5710	3/3				/				0		
	EPD&C-5712	3/3				/				0		
	EPD&C-5754	3/3				/				0		
	EPD&C-5756	3/3				/				0		
	EPD&C-5758	3/3				/				0		
	EPD&C-5761	3/3				/				0		
	EPD&C-5763	3/3				/				0		
	EPD&C-5765	3/3				/				0		
	05-6-2326-1	EPD&C-5261	3/3				/				0	
		EPD&C-5262	3/3				/				0	
EPD&C-5263		3/3				/				0		
05-6-2328-1	EPD&C-6554	3/3				/				0		
	EPD&C-6555	3/3				/				0		
	EPD&C-6556	3/3				/				0		
	EPD&C-6557	3/3				/				0		
05-6-2329-1	EPD&C-6562	3/1R	P	P	P	/				2		
	EPD&C-6563	3/1R	P	P	P	/				2		
	EPD&C-6564	3/1R	P	P	P	/				2		
	EPD&C-6565	3/1R	P	P	P	/				2		
05-6-2329-2	EPD&C-6562A	3/1R	P	F	P	/				0		
	EPD&C-6563A	3/1R	P	F	P	/				0		
	EPD&C-6564A	3/1R	P	F	P	/				0		
	EPD&C-6565A	3/1R	P	F	P	/				0		
05-6-2330-1	EPD&C-6558	3/1R	P	F	P	/				5		
	EPD&C-6559	3/1R	P	F	P	/				5		
	EPD&C-6560	3/1R	P	F	P	/				5		
	EPD&C-6561	3/1R	P	F	P	/				5		
05-6-2330-2	EPD&C-6558A	3/1R	P	P	P	/				0		
	EPD&C-6559A	3/1R	P	P	P	/				0		
	EPD&C-6560A	3/1R	P	P	P	/				0		
	EPD&C-6561A	3/1R	P	P	P	/				0		
05-6-2331-1	EPD&C-5453	3/1R	P	P	P	/				2		
	EPD&C-5456	3/1R	P	P	P	/				2		
	EPD&C-5520	3/1R	P	P	P	/				2		
	EPD&C-5521	3/1R	P	P	P	/				2		
	EPD&C-5526	3/1R	P	P	P	/				2		
	EPD&C-5627	3/1R	P	P	P	/				2		
05-6-2331-2	EPD&C-6486	3/3				/				0		
	EPD&C-6487	3/3				/				0		
	EPD&C-6488	3/3				/				0		
	EPD&C-6489	3/3				/				0		
	EPD&C-6490	3/3				/				0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *				ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2331-2	EPD&C-6491	3/3				/				0
05-6-2332-1	EPD&C-5929	3/3				/				0
	EPD&C-5930	3/3				/				0
	EPD&C-6122	3/3				/				0
	EPD&C-6123	3/3				/				0
	EPD&C-6290	3/3				/				0
	EPD&C-6291	3/3				/				0
05-6-2333-1	EPD&C-5253	3/2R	P	P	P	/				2
	EPD&C-5254	3/2R	P	P	P	/				2
	EPD&C-5255	3/2R	P	P	P	/				2
	EPD&C-5256	3/2R	P	P	P	/				2
05-6-2333-2	EPD&C-5253A	3/3				/				0
	EPD&C-5254A	3/3				/				0
	EPD&C-5255A	3/3				/				0
	EPD&C-5256A	3/3				/				0
05-6-2334-1	EPD&C-5015	3/3				/				0
	EPD&C-5016	3/3				/				0
	EPD&C-5134	3/3				/				0
	EPD&C-5135	3/3				/				0
	EPD&C-5355	3/3				/				0
	EPD&C-5356	3/3				/				0
05-6-2335-1	EPD&C-5457	3/3				/				0
	EPD&C-5460	3/3				/				0
	EPD&C-5500	3/3				/				0
	EPD&C-5522	3/3				/				0
	EPD&C-5523	3/3				/				0
	EPD&C-5571	3/3				/				0
	EPD&C-5620	3/3				/				0
	EPD&C-5624	3/3				/				0
	EPD&C-5625	3/3				/				0
05-6-2336-1	EPD&C-5014	3/3				/				0
	EPD&C-5131	3/3				/				0
	EPD&C-5354	3/3				/				0
05-6-2338-1	EPD&C-5461	3/3				/				0
	EPD&C-5471	3/3				/				0
	EPD&C-5530	3/3				/				0
	EPD&C-5536	3/3				/				0
	EPD&C-5635	3/3				/				0
	EPD&C-5640	3/3				/				0
05-6-2339-1	EPD&C-5462	3/3				/				0
	EPD&C-5472	3/3				/				0
	EPD&C-5531	3/3				/				0
	EPD&C-5537	3/3				/				0
	EPD&C-5634	3/3				/				0
	EPD&C-5641	3/3				/				0
05-6-2340-1	EPD&C-5709	3/3				/				0
	EPD&C-5711	3/3				/				0
	EPD&C-5713	3/3				/				0
	EPD&C-5755	3/3				/				0
	EPD&C-5757	3/3				/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2340-1	EPD&C-5759	3/3		/		0		
	EPD&C-5760	3/3		/		0		
	EPD&C-5762	3/3		/		0		
05-6-2341-1	EPD&C-5764	3/3		/		0		
	EPD&C-5705	3/3		/		0		
	EPD&C-5706	3/3		/		0		
	EPD&C-5707	3/3		/		0		
	EPD&C-5751	3/3		/		0		
	EPD&C-5752	3/3		/		0		
	EPD&C-5753	3/3		/		0		
	EPD&C-5766	3/3		/		0		
05-6-2342-1	EPD&C-5767	3/3		/		0		
	EPD&C-5768	3/3		/		0		
	EPD&C-5012	3/3		/		0		
	EPD&C-5013	3/3		/		0		
	EPD&C-5132	3/3		/		0		
	EPD&C-5133	3/3		/		0		
	EPD&C-5352	3/3		/		0		
	EPD&C-5353	3/3		/		0		
05-6-2345A-1	EPD&C-5030	2/1R	P P P	/		0		
05-6-2345B-1	EPD&C-5136	1/1		/		21		
05-6-2345C-1	EPD&C-5357	2/1R	P P P	/		0		
05-6-2346-1	EPD&C-5870	3/3		/		0		
	EPD&C-5871	3/3		/		0		
	EPD&C-5872	3/3		/		0		
	EPD&C-6035	3/3		/		0		
	EPD&C-6036	3/3		/		0		
	EPD&C-6037	3/3		/		0		
	EPD&C-6227	3/3		/		0		
	EPD&C-6228	3/3		/		0		
	EPD&C-6229	3/3		/		0		
	05-6-2347-1	EPD&C-5925	3/3		/		0	
		EPD&C-5926	3/3		/		0	
		EPD&C-5947	3/3		/		0	
EPD&C-5948		3/3		/		0		
EPD&C-5949		3/3		/		0		
EPD&C-6116		3/3		/		0		
EPD&C-6117		3/3		/		0		
EPD&C-6118		3/3		/		0		
EPD&C-6119		3/3		/		0		
EPD&C-6120		3/3		/		0		
EPD&C-6284		3/3		/		0		
EPD&C-6285		3/3		/		0		
EPD&C-6286		3/3		/		0		
EPD&C-6287		3/3		/		0		
EPD&C-6288		3/3		/		0		
05-6-2349-1		EPD&C-5927	3/3		/		0	
	EPD&C-5928	3/3		/		0		
	EPD&C-6121	3/3		/		0		
	EPD&C-6124	3/3		/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2349-1	EPD&C-6289	3/3		/		0		
	EPD&C-6292	3/3		/		0		
05-6-2350-1	EPD&C-5006	3/3		/		0		
	EPD&C-5128	3/3		/		0		
05-6-2351-1	EPD&C-5349	3/3		/		0		
	EPD&C-5095	3/3		/		0		
	EPD&C-5108	3/3		/		0		
	EPD&C-5219	3/3		/		0		
	EPD&C-5247	3/3		/		0		
	EPD&C-5429	3/3		/		0		
	EPD&C-5447	3/3		/		0		
	EPD&C-5950	3/3		/		0		
05-6-2352-1	EPD&C-5951	3/3		/		0		
	EPD&C-5952	3/3		/		0		
	EPD&C-5953	3/3		/		0		
	EPD&C-5954	3/3		/		0		
	EPD&C-5955	3/3		/		0		
	EPD&C-6128	3/3		/		0		
	EPD&C-6129	3/3		/		0		
	EPD&C-6130	3/3		/		0		
	EPD&C-6131	3/3		/		0		
	EPD&C-6132	3/3		/		0		
	EPD&C-6133	3/3		/		0		
	EPD&C-6296	3/3		/		0		
	EPD&C-6297	3/3		/		0		
	EPD&C-6298	3/3		/		0		
	EPD&C-6299	3/3		/		0		
EPD&C-6300	3/3		/		0			
05-6-2353-1	EPD&C-6301	3/3		/		0		
	EPD&C-5956	3/3		/		0		
	EPD&C-5957	3/3		/		0		
	EPD&C-5958	3/3		/		0		
	EPD&C-6125	3/3		/		0		
	EPD&C-6126	3/3		/		0		
	EPD&C-6127	3/3		/		0		
	EPD&C-6293	3/3		/		0		
	EPD&C-6294	3/3		/		0		
	EPD&C-6295	3/3		/		0		
	05-6-2354-1	EPD&C-5010	3/3		/		0	
		EPD&C-5011	3/3		/		0	
EPD&C-5088		3/3		/		0		
EPD&C-5101		3/3		/		0		
EPD&C-5129		3/3		/		0		
EPD&C-5130		3/3		/		0		
EPD&C-5211		3/3		/		0		
EPD&C-5233		3/3		/		0		
EPD&C-5350		3/3		/		0		
EPD&C-5351		3/3		/		0		
EPD&C-5424		3/3		/		0		
EPD&C-5437		3/3		/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA EA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
6-2358-1	EPD&C-5683	3/1R	P P P	/			2	
	EPD&C-5684	3/1R	P P P	/			2	
	EPD&C-5685	3/1R	P P P	/			2	
6-2358-2	EPD&C-5683A	3/3		/			0	
	EPD&C-5684A	3/3		/			0	
	EPD&C-5685A	3/3		/			0	
6-2359-1	EPD&C-6352	2/1R	P P P	/			2,21	
	EPD&C-6353	3/1R	P P P	/			2	
	EPD&C-6354	3/1R	P P P	/			2	
	EPD&C-6355	2/1R	P P P	/			2,21	
	EPD&C-6693X	3/1R	P P P	/			0	
	EPD&C-6694X	3/1R	P P P	/			0	
6-2359-2	EPD&C-6352A	3/3		/			0	
	EPD&C-6353A	3/3		/			0	
	EPD&C-6354A	3/3		/			0	
	EPD&C-6355A	3/3		/			0	
	EPD&C-6695X	3/3		/			0	
	EPD&C-6696X	3/3		/			0	
6-2360-1	EPD&C-6360	3/3		/			0	
	EPD&C-6361	3/3		/			0	
6-2361-1	EPD&C-5905	3/1R	P P P	/			0	
	EPD&C-6134	3/1R	P P P	/			0	
	EPD&C-6264	3/1R	P P P	/			0	
6-2361-2	EPD&C-5906	3/1R	F NA P	/			5	
	EPD&C-6135	3/1R	F NA P	/			5	
	EPD&C-6265	3/1R	F NA P	/			5	
6-2362-1	EPD&C-6492	3/3		/			0	
	EPD&C-6493	3/3		/			0	
	EPD&C-6494	3/3		/			0	
	EPD&C-6495	3/3		/			0	
	EPD&C-6496	3/3		/			0	
	EPD&C-6497	3/3		/			0	
	EPD&C-6498	3/3		/			0	
	EPD&C-6499	3/3		/			0	
	EPD&C-6500	3/3		/			0	
6-2363-1	EPD&C-6501	3/3		/			0	
	EPD&C-6502	3/3		/			0	
	EPD&C-6503	3/3		/			0	
	EPD&C-6504	3/3		/			0	
	EPD&C-6505	3/3		/			0	
	EPD&C-6506	3/3		/			0	
	EPD&C-6507	3/3		/			0	
	EPD&C-6508	3/3		/			0	
	EPD&C-6509	3/3		/			0	
	EPD&C-6510	3/3		/			0	
	EPD&C-6511	3/3		/			0	
6-2385-1	EPD&C-5498	3/3		/			0	
	EPD&C-5499	3/3		/			0	
	EPD&C-5565	3/3		/			0	
	EPD&C-5566	3/3		/			0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS			OTHER	ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			(SEE LEGEND CODE)
05-6-2385-1	EPD&C-5614	3/3				/				0
	EPD&C-5615	3/3				/				0
05-6-2386-1	EPD&C-5687	3/1R	P	P	P	/				0
	EPD&C-5689	3/1R	P	P	P	/				0
	EPD&C-5691	3/1R	P	P	P	/				0
	EPD&C-5733	3/1R	P	P	P	/				0
	EPD&C-5735	3/1R	P	P	P	/				0
	EPD&C-5737	3/1R	P	P	P	/				0
	EPD&C-5781	3/1R	P	P	P	/				0
	EPD&C-5783	3/1R	P	P	P	/				0
	EPD&C-5785	3/1R	P	P	P	/				0
05-6-2386-2	EPD&C-5688	3/3				/				0
	EPD&C-5690	3/3				/				0
	EPD&C-5692	3/3				/				0
	EPD&C-5734	3/3				/				0
	EPD&C-5736	3/3				/				0
	EPD&C-5738	3/3				/				0
	EPD&C-5782	3/3				/				0
	EPD&C-5784	3/3				/				0
	EPD&C-5786	3/3				/				0
05-6-2387A-1	EPD&C-5036	3/1R	P	NA	P	/				1
	EPD&C-5161	3/1R	P	NA	P	/				1
	EPD&C-5384	3/1R	P	NA	P	/				1
05-6-2387A-2	EPD&C-5035	3/3				/				0
	EPD&C-5160	3/3				/				0
	EPD&C-5383	3/3				/				0
05-6-2387B-1	EPD&C-5038	3/1R	P	NA	P	/				5
	EPD&C-5163	3/1R	P	NA	P	/				5
	EPD&C-5386	3/1R	P	NA	P	/				5
05-6-2387B-2	EPD&C-5037	3/3				/				0
	EPD&C-5162	3/3				/				0
	EPD&C-5385	3/3				/				0
05-6-2388A-1	EPD&C-5032	3/1R	P	NA	P	/				1
	EPD&C-5157	3/1R	P	NA	P	/				1
	EPD&C-5380	3/1R	P	NA	P	/				1
05-6-2388A-2	EPD&C-5031	3/3				/				0
	EPD&C-5156	3/3				/				0
	EPD&C-5379	3/3				/				0
05-6-2388B-1	EPD&C-5034	3/1R	P	NA	P	/				5
	EPD&C-5159	3/1R	P	NA	P	/				5
	EPD&C-5382	3/1R	P	NA	P	/				5
05-6-2388B-2	EPD&C-5033	3/3				/				0
	EPD&C-5158	3/3				/				0
	EPD&C-5381	3/3				/				0
05-6-2389-1	EPD&C-5003	3/1R	P	F	P	/				7
	EPD&C-5122	3/1R	P	F	P	/				7
	EPD&C-5343	3/1R	P	F	P	/				7
05-6-2389-2	EPD&C-5002	3/3				/				0
	EPD&C-5121	3/3				/				0
	EPD&C-5342	3/3				/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *				ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)		
05-6-2389-3	EPD&C-5001	3/3				/				0		
	EPD&C-5120	3/3				/				0		
	EPD&C-5341	3/3				/				0		
05-6-2389-4	EPD&C-5000	3/3				/				0		
	EPD&C-5119	3/3				/				0		
	EPD&C-5340	3/3				/				0		
05-6-2390-1	EPD&C-5880	3/3				/				0		
	EPD&C-5882	3/3				/				0		
	EPD&C-5884	3/3				/				0		
	EPD&C-6051	3/3				/				0		
	EPD&C-6053	3/3				/				0		
	EPD&C-6055	3/3				/				0		
	EPD&C-6231	3/3				/				0		
	EPD&C-6233	3/3				/				0		
	EPD&C-6235	3/3				/				0		
	05-6-2390-2	EPD&C-5879	3/3				/				0	
EPD&C-5881		3/3				/				0		
EPD&C-5883		3/3				/				0		
EPD&C-6050		3/3				/				0		
EPD&C-6052		3/3				/				0		
EPD&C-6054		3/3				/				0		
EPD&C-6230		3/3				/				0		
EPD&C-6232		3/3				/				0		
EPD&C-6234		3/3				/				0		
05-6-2391-1		EPD&C-6578	3/1R	P	NA	P	/				0	
	EPD&C-6580	3/1R	P	NA	P	/				0		
	EPD&C-6582	3/1R	P	NA	P	/				0		
	EPD&C-6584	3/1R	P	NA	P	/				0		
	EPD&C-6594	3/1R	P	NA	P	/				0		
	EPD&C-6596	3/1R	P	NA	P	/				0		
	EPD&C-6598	3/1R	P	NA	P	/				0		
	EPD&C-6600	3/1R	P	NA	P	/				0		
	05-6-2391-2	EPD&C-6579	3/3				/				0	
		EPD&C-6581	3/3				/				0	
EPD&C-6583		3/3				/				0		
EPD&C-6585		3/3				/				0		
EPD&C-6595		3/3				/				0		
EPD&C-6597		3/3				/				0		
EPD&C-6599		3/3				/				0		
EPD&C-6601		3/3				/				0		
05-6-2392-1		EPD&C-6186	3/2R	P	P	P	/				0	
		EPD&C-6375	3/2R	P	P	P	/				0	
05-6-2392-2	EPD&C-6187	3/3				/				0		
	EPD&C-6376	3/3				/				0		
05-6-2393-1	EPD&C-6362	2/1R	P	F	P	/				5,6,21		
	EPD&C-6364	2/1R	P	F	P	/				5,6,21		
	EPD&C-6366	2/1R	P	F	P	/				5,6,21		
	EPD&C-6368	2/1R	P	F	P	/				5,6,21		
05-6-2393-2	EPD&C-6363	3/3				/				0		
	EPD&C-6365	3/3				/				0		

IDENTIFIERS		NASA			IDA RECOMMENDATIONS			OTHER	ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			(SEE LEGEND CODE)
05-6-2393-2	EPD&C-6367	3/3				/				0
	EPD&C-6369	3/3				/				0
05-6-2394-1	EPD&C-5264	3/2R	P	P	P	/				0
	EPD&C-5292	3/2R	P	P	P	/				0
05-6-2394-2	EPD&C-5265	3/3				/				0
	EPD&C-5293	3/3				/				0
05-6-2395-1	EPD&C-5267	3/2R	P	NA	P	/				2
	EPD&C-5269	3/2R	P	NA	P	/				2
	EPD&C-5271	3/2R	P	NA	P	/				2
	EPD&C-5287	3/2R	P	NA	P	/				2
	EPD&C-5289	3/2R	P	NA	P	/				2
	EPD&C-5291	3/2R	P	NA	P	/				2
05-6-2395-2	EPD&C-5266	3/3				/				0
	EPD&C-5268	3/3				/				0
	EPD&C-5270	3/3				/				0
	EPD&C-5286	3/3				/				0
	EPD&C-5288	3/3				/				0
	EPD&C-5290	3/3				/				0
05-6-2396-1	EPD&C-5296	3/3				/				9
05-6-2396-2	EPD&C-5297	3/1R	P	P	P	/				9
05-6-2397-1	EPD&C-5304	3/3				/				9
05-6-2397-2	EPD&C-5305	3/1R	P	NA	P	/				9
05-6-2471-1	EPD&C-5660	3/3				/				0
	EPD&C-5662	3/3				/				0
	EPD&C-5668	3/3				/				0
	EPD&C-5670	3/3				/				0
	EPD&C-5672	3/3				/				0
	EPD&C-5674	3/3				/				0
05-6-2471-2	EPD&C-5659	3/1R	P	F	P	/				7
	EPD&C-5661	3/1R	P	F	P	/				7
	EPD&C-5667	3/1R	P	F	P	/				7
	EPD&C-5669	3/1R	P	F	P	/				7
	EPD&C-5671	3/1R	P	F	P	/				7
	EPD&C-5673	3/1R	P	F	P	/				7
05-6-2472-1	EPD&C-5664	3/3				/				0
	EPD&C-5666	3/3				/				0
	EPD&C-5676	3/3				/				0
05-6-2472-2	EPD&C-5663	3/1R	P	NA	P	/				3
	EPD&C-5665	3/1R	P	NA	P	/				3
	EPD&C-5675	3/1R	P	NA	P	/				3
05-6-2474-1	EPD&C-5901	3/1R	P	F	P	/				7
	EPD&C-6076	3/1R	P	F	P	/				7
	EPD&C-6256	3/1R	P	F	P	/				7
05-6-2474-2	EPD&C-5902	3/3				/				0
	EPD&C-6077	3/3				/				0
	EPD&C-6257	3/3				/				0
05-6-2475-1	EPD&C-5899	3/3				/				0
	EPD&C-6074	3/3				/				0
	EPD&C-6254	3/3				/				0
05-6-2475-2	EPD&C-5900	3/1R	P	NA	F	/				5

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2475-2	EPD&C-6075	3/1R	P NA P	/			5	
	EPD&C-6255	3/1R	P NA P	/			5	
05-6-2481-1	EPD&C-5715	3/1R	P P P	/			2	
	EPD&C-5717	3/1R	P P P	/			2	
	EPD&C-5719	3/1R	P P P	/			2	
	EPD&C-5721	3/1R	P P P	/			2	
	EPD&C-5723	3/1R	P P P	/			2	
	EPD&C-5725	3/1R	P P P	/			2	
	EPD&C-5727	3/1R	P P P	/			2	
	EPD&C-5729	3/1R	P P P	/			2	
	EPD&C-5731	3/1R	P P P	/			2	
05-6-2481-2	EPD&C-5714	3/3		/			0	
	EPD&C-5716	3/3		/			0	
	EPD&C-5718	3/3		/			0	
	EPD&C-5720	3/3		/			0	
	EPD&C-5722	3/3		/			0	
	EPD&C-5724	3/3		/			0	
	EPD&C-5726	3/3		/			0	
	EPD&C-5728	3/3		/			0	
	EPD&C-5730	3/3		/			0	
05-6-2482-1	EPD&C-5506	3/3		/			0	
	EPD&C-5507	3/3		/			0	
	EPD&C-5563	3/3		/			0	
	EPD&C-5564	3/3		/			0	
	EPD&C-5612	3/3		/			0	
	EPD&C-5613	3/3		/			0	
05-6-2485-1	EPD&C-5844	3/3		/			0	
	EPD&C-5846	3/3		/			0	
	EPD&C-5848	3/3		/			0	
	EPD&C-6009	3/3		/			0	
	EPD&C-6011	3/3		/			0	
	EPD&C-6013	3/3		/			0	
	EPD&C-6189	3/3		/			0	
	EPD&C-6190	3/3		/			0	
	EPD&C-6193	3/3		/			0	
05-6-2485-2	EPD&C-5843	3/1R	P F P	/			5	
	EPD&C-5845	3/1R	P P P	/			5	
	EPD&C-5847	3/1R	P F P	/			5	
	EPD&C-6008	3/1R	P F P	/			5	
	EPD&C-6010	3/1R	P F P	/			5	
	EPD&C-6012	3/1R	P F P	/			5	
	EPD&C-6188	3/1R	P F P	/			5	
	EPD&C-6191	3/1R	P F P	/			5	
	EPD&C-6192	3/1R	P F F	/			5	
05-6-2486-1	EPD&C-5850	3/3		/			0	
	EPD&C-5852	3/3		/			0	
	EPD&C-5854	3/3		/			0	
	EPD&C-6015	3/3		/			0	
	EPD&C-6017	3/3		/			0	
	EPD&C-6019	3/3		/			0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE		
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2486-1	EPD&C-6194	3/3				/				0
	EPD&C-6197	3/3				/				0
	EPD&C-6198	3/3				/				0
05-6-2486-2	EPD&C-5849	3/1R	P	F	P	/				5
	EPD&C-5851	3/1R	P	F	P	/				5
	EPD&C-5853	3/1R	P	F	P	/				5
	EPD&C-6014	3/1R	P	F	P	/				5
	EPD&C-6016	3/1R	P	F	P	/				5
	EPD&C-6018	3/1R	P	F	P	/				5
	EPD&C-6195	3/1R	P	F	P	/				5
	EPD&C-6196	3/1R	P	F	P	/				5
05-6-2487-1	EPD&C-6199	3/1R	P	F	P	/				5
	EPD&C-5856	3/1R	P	NA	P	/				5
	EPD&C-5858	3/1R	P	NA	P	/				5
	EPD&C-5860	3/1R	P	NA	P	/				5
	EPD&C-6021	3/1R	P	NA	P	/				5
	EPD&C-6023	3/1R	P	NA	P	/				5
	EPD&C-6025	3/1R	P	NA	P	/				5
	EPD&C-6201	3/1R	P	NA	P	/				5
	EPD&C-6202	3/1R	P	NA	P	/				5
	EPD&C-6205	3/1R	P	NA	P	/				5
05-6-2487-2	EPD&C-5855	3/1R	P	P	P	/				0
	EPD&C-3857	3/1R	P	P	P	/				0
	EPD&C-5859	3/1R	P	P	P	/				0
	EPD&C-6020	3/1R	P	P	P	/				0
	EPD&C-6022	3/1R	P	P	P	/				0
	EPD&C-6024	3/1R	P	P	P	/				0
	EPD&C-6200	3/1R	P	P	P	/				0
	EPD&C-6203	3/1R	P	P	P	/				0
05-6-2488-1	EPD&C-5840	3/3				/				0
	EPD&C-6005	3/3				/				0
	EPD&C-6185	3/3				/				0
05-6-2488-2	EPD&C-5839	3/1R	P	P	P	/				5
	EPD&C-6004	3/1R	P	P	P	/				5
	EPD&C-6164	3/1R	P	P	P	/				5
05-6-2489-1	EPD&C-5842	3/3				/				0
	EPD&C-6007	3/3				/				0
	EPD&C-6186	3/3				/				0
05-6-2489-2	EPD&C-5841	3/1R	P	F	P	/				7
	EPD&C-6006	3/1R	P	F	P	/				7
	EPD&C-6187	3/1R	P	F	P	/				7
05-6-2490-1	EPD&C-6663	3/1R	P	F	P	/				2
	EPD&C-6665	3/1R	P	F	P	/				2
05-6-2490-2	EPD&C-6664	2/1R	P	F	P	/				2,6
	EPD&C-6666	2/1R	P	F	P	/				2,6
05-6-2490-3	EPD&C-6664A	2/1R	P	P	P	/				0
	EPD&C-6666A	2/1R	P	P	P	/				0
05-6-2491-1	EPD&C-6667	2/1R	P	F	P	/				5
	EPD&C-6669	2/1R	P	F	P	/				5

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2491-2	EPD&C-6668	2/1R	P F P	/			2	
	EPD&C-6670	2/1R	P F P	/			2	
05-6-2493-1	EPD&C-6659	1/1		/			21	
	EPD&C-6661	1/1		/			21	
05-6-2493-2	EPD&C-6660	2/1R	P F P	/			21	
	EPD&C-6662	2/1R	P F P	/			21	
05-6-2494-1	EPD&C-6530	3/1R	P P P	/			2	
	EPD&C-6532	3/1R	P P P	/			2	
	EPD&C-6534	3/1R	P P P	/			2	
	EPD&C-6536	3/1R	P P P	/			2	
05-6-2494-2	EPD&C-6531	3/1R	P F P	/			5	
	EPD&C-6533	3/1R	P F P	/			5	
	EPD&C-6535	3/1R	P F P	/			5	
	EPD&C-6537	3/1R	P F P	/			5	
05-6-2495-1	EPD&C-6538	3/1R	P NA P	/			2	
	EPD&C-6540	3/1R	P NA P	/			2	
	EPD&C-6542	3/1R	P NA P	/			2	
	EPD&C-6544	3/1R	P NA P	/			2	
05-6-2495-2	EPD&C-6539	3/1R	P P P	/			5	
	EPD&C-6541	3/1R	P P P	/			5	
	EPD&C-6543	3/1R	P P P	/			5	
	EPD&C-6545	3/1R	P P P	/			5	
05-6-2496-1	EPD&C-6546	3/1R	P F P	/			0	
	EPD&C-6548	3/1R	P F P	/			0	
	EPD&C-6550	3/1R	P F P	/			0	
	EPD&C-6552	3/1R	P F P	/			0	
05-6-2496-2	EPD&C-6547	3/1R	P P P	/			5	
	EPD&C-6549	3/1R	P P P	/			5	
	EPD&C-6551	3/1R	P P P	/			5	
	EPD&C-6553	3/1R	P P P	/			5	
05-6-2508-1	EPD&C-6697X	2/1R	P F P	/			0	
05-6-2508-2	EPD&C-6698X	1/1		/			0	
05-6-2509-1	EPD&C-6699X	2/1R	P F P	/			0	
05-6-2509-2	EPD&C-6700X	1/1		/			0	
05-6-2510-1	EPD&C-6701X	2/1R	P F P	/			0	
05-6-2510-2	EPD&C-6702X	2/1R	P F P	/			0	
05-6-2601-1	EPD&C-5064	3/1R	P P P	/			2	
	EPD&C-5193	3/1R	P P P	/			2	
	EPD&C-5399	3/1R	P P P	/			2	
05-6-2602-1	EPD&C-5491	3/1R	P P P	/			0	
	EPD&C-5556	3/1R	P P P	/			0	
	EPD&C-5607	3/1R	P P P	/			0	
05-6-2603-1	EPD&C-5486	3/1R	P F P	/			0	
	EPD&C-5487	3/1R	P F P	/			0	
	EPD&C-5550	3/1R	P F P	/			0	
	EPD&C-5551	3/1R	P F P	/			0	
	EPD&C-5601	3/1R	P F P	/			0	
	EPD&C-5602	3/1R	P F P	/			0	
05-6-2604-1	EPD&C-6658	1/1		/			21	
05-6-2605-1	EPD&C-5485	3/1R	P F P	/			0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2605-1	EPD&C-5496	3/1R	P	F	P	/				2	
	EPD&C-5552	3/1R	P	F	P	/				2	
	EPD&C-5560	3/1R	P	F	P	/				2	
	EPD&C-5603	3/1R	P	F	P	/				5	
	EPD&C-5611	3/1R	P	F	P	/				5	
05-6-2606-1	EPD&C-5316	3/1R	P	NA	P	/				5	
	EPD&C-5317	3/1R	P	NA	P	/				5	
	EPD&C-5320	3/1R	P	NA	P	/				5	
	EPD&C-5321	3/1R	P	NA	P	/				5	
05-6-2611-1	EPD&C-5974	3/1R	P	F	P	/				18	
	EPD&C-5976	3/1R	P	F	P	/				18	
	EPD&C-5978	3/1R	P	F	P	/				18	
	EPD&C-6139	3/1R	P	F	P	/				18	
	EPD&C-6141	3/1R	P	F	P	/				18	
	EPD&C-6143	3/1R	P	F	P	/				18	
	EPD&C-6322	3/1R	P	F	P	/				18	
	EPD&C-6324	3/1R	P	F	P	/				18	
	EPD&C-6326	3/1R	P	F	P	/				18	
05-6-2611-2	EPD&C-5975	3/3				/				0	
	EPD&C-5977	3/3				/				0	
	EPD&C-5979	3/3				/				0	
	EPD&C-6138	3/3				/				0	
	EPD&C-6140	3/3				/				0	
	EPD&C-6142	3/3				/				0	
	EPD&C-6323	3/3				/				0	
	EPD&C-6325	3/3				/				0	
	EPD&C-6327	3/3				/				0	
05-6-2612-1	EPD&C-5972	2/1R	P	P	P	/				0	
	EPD&C-6155	2/1R	P	P	P	/				0	
	EPD&C-6334	2/1R	P	P	P	/				0	
05-6-2612-2	EPD&C-5973	3/3				/				0	
	EPD&C-6154	3/3				/				0	
	EPD&C-6335	3/3				/				0	
05-6-2613-1	EPD&C-5966	2/1R	P	P	P	/				0	
	EPD&C-6148	2/1R	P	P	P	/				0	
	EPD&C-6152	2/1R	P	P	P	/				0	
	EPD&C-6332	2/1R	P	P	P	/				0	
05-6-2613-2	EPD&C-5969	3/1R	P	F	P	/				17	
	EPD&C-6149	3/1R	P	F	P	/				17	
	EPD&C-6153	3/1R	P	F	P	/				17	
	EPD&C-6333	3/1R	P	F	P	/				17	
05-6-2614-1	EPD&C-5970	2/1R	P	P	P	/				0	
	EPD&C-6330	2/1R	P	P	P	/				0	
05-6-2614-2	EPD&C-5971	3/1R	P	F	P	/				17	
	EPD&C-6331	3/1R	P	F	P	/				17	
05-6-2615-1	EPD&C-6151	2/1R	P	P	P	/				0	
05-6-2615-2	EPD&C-6150	3/3				/				0	
05-6-2616-1	EPD&C-6147	2/1R	P	P	P	/				0	
05-6-2616-2	EPD&C-6146	3/3				/				0	
05-6-2617-1	EPD&C-6521	3/1R	P	F	P	/				5	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2617-1	EPD&C-6522	3/1R	P F P	/			5	
	EPD&C-6523	3/1R	P F P	/			5	
	EPD&C-6524	3/1R	P F P	/			5	
	EPD&C-6525	3/1R	P F P	/			5	
	EPD&C-6526	3/1R	P F P	/			5	
	EPD&C-6527	3/1R	P F P	/			5	
	EPD&C-6528	3/1R	P F P	/			5	
	EPD&C-6529	3/1R	P F P	/			5	
05-6-2617-2	EPD&C-6512	3/3		/			0	
	EPD&C-6513	3/3		/			0	
	EPD&C-6514	3/3		/			0	
	EPD&C-6515	3/3		/			0	
	EPD&C-6516	3/3		/			0	
	EPD&C-6517	3/3		/			0	
	EPD&C-6518	3/3		/			0	
	EPD&C-6519	3/3		/			0	
05-6-2618-1	EPD&C-5966	2/1R	P P P	/			0	
	EPD&C-6144	2/1R	P P P	/			0	
05-6-2618-2	EPD&C-6328	2/1R	P P P	/			0	
	EPD&C-5967	3/3		/			0	
05-6-2619-1	EPD&C-6145	3/3		/			0	
	EPD&C-6329	3/3		/			0	
	EPD&C-5799	3/1R	P F P	/			5	
05-6-2620-1	EPD&C-5800	3/1R	P F P	/			5	
	EPD&C-5803	3/1R	P F P	/			5	
	EPD&C-5804	3/1R	P F P	/			5	
	EPD&C-5805	3/1R	P F P	/			5	
	EPD&C-5806	3/1R	P F P	/			5	
	EPD&C-5809	3/1R	P F P	/			5	
	EPD&C-5810	3/1R	P F P	/			5	
	EPD&C-5801	2/1R	P F P	/			0	
05-6-2651-1	EPD&C-5802	2/1R	P F P	/			0	
	EPD&C-5807	2/1R	P F P	/			0	
	EPD&C-5808	2/1R	P F P	/			0	
05-6-2651-2	EPD&C-5110	2/1R	P P P	/			0	
	EPD&C-5249	2/1R	P P P	/			0	
	EPD&C-5449	2/1R	P P P	/			0	
05-6-2652-1	EPD&C-5111	3/3		/			0	
	EPD&C-5250	3/3		/			0	
	EPD&C-5450	3/3		/			0	
05-6-2652-2	EPD&C-5510	3/1R	P F P	/			0	
	EPD&C-5574	3/1R	P F P	/			0	
	EPD&C-5508	3/1R	P F P	/			0	
05-6-2653-1	EPD&C-5511	3/3		/			0	
	EPD&C-5575	3/3		/			0	
	EPD&C-5589	3/3		/			0	
05-6-2653-2	EPD&C-5084	2/1R	P P P	/			2	
	EPD&C-5224	2/1R	P P P	/			2	
	EPD&C-5231	2/1R	P F P	/			2	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
05-6-2653-1	EPD&C-5434	2/1R	P P P	/			2	
05-6-2653-2	EPD&C-5083	3/1R	P F P	/			17	
	EPD&C-5225	3/1R	P F P	/			17	
	EPD&C-5230	3/1R	P F P	/			17	
	EPD&C-5435	3/1R	P F P	/			17	
05-6-2654-1	EPD&C-5115	2/1R	P P P	/			2	
	EPD&C-5432	2/1R	P P P	/			2	
05-6-2654-2	EPD&C-5116	3/1R	P F P	/			17	
	EPD&C-5433	3/1R	P F P	/			17	
05-6-2655-1	EPD&C-5221	2/1R	P P P	/			2	
	EPD&C-5228	2/1R	P P P	/			2	
05-6-2655-2	EPD&C-5222	3/3		/			0	
	EPD&C-5227	3/3		/			0	
05-6-2657-1	EPD&C-5098	2/1R	P P P	/			2	
	EPD&C-5206	2/1R	P P P	/			2	
	EPD&C-5421	2/1R	P P P	/			2	
05-6-2657-2	EPD&C-5099	3/3		/			0	
	EPD&C-5207	3/3		/			0	
	EPD&C-5420	3/3		/			0	
05-6-2658-1	EPD&C-5827	2/1R	P F P	/			2	
	EPD&C-5830	2/1R	P F P	/			2	
05-6-2658-2	EPD&C-5828	2/1R	P P P	/			0	
	EPD&C-5829	2/1R	P P P	/			0	
05-6-2659-1	EPD&C-6703X	1/1		/			0	
05-6-2659-2	EPD&C-6704X	2/1R	P NA P	/			0	
05-6-2660-1	EPD&C-6705X	2/1R	P NA P	/			0	
05-6-2660-2	EPD&C-6706X	2/1R	P NA P	/			0	
05-6-2701-1	EPD&C-5109	2/1R	P P P	/			2	
	EPD&C-5248	2/1R	P P P	/			2	
	EPD&C-5448	2/1R	P P P	/			2	
05-6-2701-2	EPD&C-5109A	3/3		/			0	
	EPD&C-5248A	3/3		/			0	
	EPD&C-5448A	3/3		/			0	
05-6-2702-1	EPD&C-5509	3/1R	P F P	/			0	
	EPD&C-5573	3/1R	P F P	/			0	
	EPD&C-5590	3/1R	P F P	/			0	
05-6-2702-2	EPD&C-5509A	3/3		/			0	
	EPD&C-5573A	3/3		/			0	
	EPD&C-5590A	3/3		/			0	
05-6-2703-1	EPD&C-5082	2/1R	P P P	/			2	
	EPD&C-5223	2/1R	P P P	/			2	
	EPD&C-5229	2/1R	P P P	/			2	
	EPD&C-5431	2/1R	P P P	/			2	
05-6-2703-2	EPD&C-5082A	3/3		/			0	
	EPD&C-5223A	3/3		/			0	
	EPD&C-5229A	3/3		/			0	
	EPD&C-5431A	3/3		/			0	
05-6-2704-1	EPD&C-5114	2/1R	P P P	/			2	
	EPD&C-5430	2/1R	P P P	/			2	
05-6-2704-2	EPD&C-5114A	3/3		/			0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2704-2	EPD&C-5430A	3/3				/				0	
05-6-2705-1	EPD&C-5220	2/1R	P	P	P	/				2	
	EPD&C-5226	2/1R	P	P	P	/				2	
05-6-2705-2	EPD&C-5220A	3/3				/				0	
	EPD&C-5226A	3/3				/				0	
05-6-2707-1	EPD&C-5097	2/1R	P	P	P	/				2	
	EPD&C-5205	2/1R	P	P	P	/				2	
	EPD&C-5419	2/1R	P	P	P	/				2	
05-6-2707-2	EPD&C-5097A	3/3				/				0	
	EPD&C-5205A	3/3				/				0	
	EPD&C-5419A	3/3				/				0	
05-6-2708-1	EPD&C-6707X	3/3				/				0	
	EPD&C-6708X	3/3				/				0	
05-6-2751-1	EPD&C-5988	2/1R	P	P	P	/				2,6	
	EPD&C-5990	2/1R	P	P	P	/				2,6	
05-6-2751-2	EPD&C-5988A	2/1R	P	P	P	/				0	
	EPD&C-5990A	2/1R	P	P	P	/				0	
05-6-2751-3	EPD&C-5989	3/1R	P	P	P	/				2	
	EPD&C-5991	3/1R	P	P	P	/				2	
05-6-2752-1	EPD&C-6164	2/1R	P	P	P	/				2,6	
	EPD&C-6167	2/1R	P	P	P	/				2,6	
05-6-2752-2	EPD&C-6164A	2/1R	P	P	P	/				0	
	EPD&C-6167A	2/1R	P	P	P	/				0	
05-6-2752-3	EPD&C-6165	3/1R	P	P	P	/				2	
	EPD&C-6166	3/1R	P	P	P	/				2	
05-6-2753-1	EPD&C-6348	2/1R	P	P	P	/				2,6	
	EPD&C-6350	2/1R	P	P	P	/				2,6	
05-6-2753-2	EPD&C-6348A	2/1R	P	P	P	/				0	
	EPD&C-6350A	2/1R	P	P	P	/				0	
05-6-2753-3	EPD&C-6349	3/1R	P	P	P	/				2	
	EPD&C-6351	3/1R	P	P	P	/				2	
05-6-2754-1	EPD&C-5992	2/1R	P	P	P	/				2,6	
	EPD&C-5994	2/1R	P	P	P	/				2,6	
05-6-2754-2	EPD&C-5992A	2/1R	P	P	P	/				0	
	EPD&C-5994A	2/1R	P	P	P	/				0	
05-6-2754-3	EPD&C-5993	2/1R	P	P	P	/				2	
	EPD&C-5995	2/1R	P	P	P	/				2	
05-6-2755-1	EPD&C-6156	2/1R	P	P	P	/				2,6	
	EPD&C-6159	2/1R	P	P	P	/				2,6	
05-6-2755-2	EPD&C-6156A	2/1R	P	P	P	/				0	
	EPD&C-6159A	2/1R	P	P	P	/				0	
05-6-2755-3	EPD&C-6157	3/1R	P	P	P	/				2	
	EPD&C-6158	3/1R	P	P	P	/				2	
05-6-2756-1	EPD&C-6172	2/1R	P	P	P	/				2,6	
	EPD&C-6175	2/1R	P	P	P	/				2,6	
05-6-2756-2	EPD&C-6172A	2/1R	P	P	P	/				2	
	EPD&C-6175A	2/1R	P	P	P	/				0	
05-6-2756-3	EPD&C-6173	3/1R	P	P	P	/				2	
	EPD&C-6174	3/1R	P	P	P	/				2	
05-6-2757-1	EPD&C-6344	2/1R	P	P	P	/				2,6	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE		
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2757-1	EPD&C-6346	2/1R	P	P	P	/				2,6
05-6-2757-2	EPD&C-6344A	2/1R	P	P	P	/				0
	EPD&C-6346A	2/1R	P	P	P	/				0
05-6-2757-3	EPD&C-6345	3/1R	P	P	P	/				2
	EPD&C-6347	3/1R	P	P	P	/				2
05-6-2801-1	EPD&C-5112	2/1R	P	P	P	/				2
	EPD&C-5251	2/1R	P	P	P	/				2
	EPD&C-5451	2/1R	P	P	P	/				2
05-6-2801-2	EPD&C-5113	3/3				/				0
	EPD&C-5252	3/3				/				0
	EPD&C-5452	3/3				/				0
05-6-2802-1	EPD&C-5512	3/1R	P	F	P	/				0
	EPD&C-5576	3/1R	P	F	P	/				0
	EPD&C-5586	3/1R	P	F	P	/				0
05-6-2802-2	EPD&C-5513	3/3				/				0
	EPD&C-5577	3/3				/				0
	EPD&C-5587	3/3				/				0
05-6-2803-1	EPD&C-5103	2/1R	P	P	P	/				0
	EPD&C-5237	2/1R	P	P	P	/				0
	EPD&C-5241	2/1R	P	P	P	/				0
	EPD&C-5444	2/1R	P	P	P	/				0
05-6-2803-2	EPD&C-5102	3/1R	P	F	P	/				17
	EPD&C-5236	3/1R	P	F	P	/				17
	EPD&C-5240	3/1R	P	F	P	/				17
	EPD&C-5443	3/1R	P	F	P	/				17
05-6-2804-1	EPD&C-5118	2/1R	P	P	P	/				0
	EPD&C-5442	2/1R	P	P	P	/				0
05-6-2804-2	EPD&C-5117	3/1R	P	F	P	/				17
	EPD&C-5441	3/1R	P	F	P	/				17
05-6-2805-1	EPD&C-5235	2/1R	P	P	P	/				0
	EPD&C-5238	2/1R	P	P	P	/				0
05-6-2805-2	EPD&C-5234	3/3				/				0
	EPD&C-5239	3/3				/				0
05-6-2807-1	EPD&C-5090	2/1R	P	P	P	/				2
	EPD&C-5213	2/1R	P	P	P	/				2
	EPD&C-5426	2/1R	P	P	P	/				2
05-6-2807-2	EPD&C-5089	3/3				/				0
	EPD&C-5212	3/3				/				0
	EPD&C-5425	3/3				/				0
05-6-2902-1	EPD&C-5514	3/1R	P	F	P	/				0
	EPD&C-5517	3/1R	P	F	P	/				0
	EPD&C-5578	3/1R	P	F	P	/				0
	EPD&C-5581	3/1R	P	F	P	/				0
	EPD&C-5582	3/1R	P	F	P	/				0
	EPD&C-5585	3/1R	P	F	P	/				2
05-6-2902-2	EPD&C-5515	3/1R	P	F	P	/				6
	EPD&C-5516	3/1R	P	F	P	/				0
	EPD&C-5579	3/1R	P	F	P	/				0
	EPD&C-5580	3/1R	P	F	P	/				0
	EPD&C-5583	3/1R	P	F	P	/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE	
05-6-2902-2	EPD&C-5584	3/1R	P F P	/		0		
05-6-2902-3	EPD&C-5514A	3/1R	P F P	/		0		
	EPD&C-5517A	3/1R	P F P	/		0		
	EPD&C-5578A	3/1R	P F P	/		0		
	EPD&C-5581A	3/1R	P F P	/		0		
	EPD&C-5582A	3/1R	P F P	/		0		
	EPD&C-5585A	3/1R	P F P	/		0		
05-6-2903-1	EPD&C-5811	3/1R	P F P	/		0		
	EPD&C-5814	3/1R	P F P	/		0		
	EPD&C-5815	3/1R	P F P	/		0		
	EPD&C-5818	3/1R	P F P	/		0		
	EPD&C-5819	3/1R	P F P	/		0		
	EPD&C-5822	3/1R	P F P	/		0		
	EPD&C-5823	3/1R	P F P	/		0		
	EPD&C-5826	3/1R	P F P	/		0		
05-6-2903-2	EPD&C-5812	3/1R	P F P	/		8		
	EPD&C-5813	3/1R	P F P	/		8		
	EPD&C-5816	3/1R	P F P	/		8		
	EPD&C-5817	3/1R	P F P	/		8		
	EPD&C-5820	3/1R	P F P	/		8		
	EPD&C-5821	3/1R	P F P	/		8		
	EPD&C-5824	3/1R	P F P	/		8		
	EPD&C-5825	3/1R	P F P	/		8		
05-6-2904-1	EPD&C-6709X	/		/		0		
05-6-2904-2	EPD&C-6710X	/		/		0		
05-6EB-2004-1	EPD&C-5980	2/1R	P P P	/		0		
	EPD&C-5982	2/1R	P P P	/		0		
	EPD&C-5984	2/1R	P P P	/		0		
	EPD&C-5986	2/1R	P P P	/		0		
	EPD&C-6160	2/1R	P P P	/		0		
	EPD&C-6163	2/1R	P P P	/		0		
	EPD&C-6168	2/1R	P P P	/		0		
	EPD&C-6171	2/1R	P P P	/		0		
	EPD&C-6336	2/1R	P P P	/		0		
	EPD&C-6338	2/1R	P P P	/		0		
	EPD&C-6340	2/1R	P P P	/		0		
	EPD&C-6342	2/1R	P P P	/		0		
05-6EB-2004-2	EPD&C-5981	3/1R	P F P	/		2		
	EPD&C-5983	3/1R	P F P	/		2		
	EPD&C-5985	3/1R	P F P	/		2		
	EPD&C-5987	3/1R	P F P	/		2		
	EPD&C-6161	3/1R	P F P	/		2		
	EPD&C-6162	3/1R	P F P	/		2		
	EPD&C-6169	3/1R	P F P	/		2		
	EPD&C-6170	3/1R	P F P	/		2		
	EPD&C-6337	3/1R	P F P	/		2		
	EPD&C-6339	3/1R	P F P	/		2		
	EPD&C-6341	3/1R	P F P	/		2		
	EPD&C-6343	3/1R	P F P	/		2		
DELETED	EPD&C-5400	/		/		12		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS			OTHER	ISSUE		
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			(SEE LEGEND CODE)	
NEW # UNKNOWN	EPD&C-5065	3/1R	P	P	P	/				5	
	EPD&C-5192	3/1R	P	P	P	/				5	
	EPD&C-5397	3/3				/				0	
	EPD&C-5489	3/1R	P	P	P	/				5	
	EPD&C-5554	3/1R	P	P	P	/				5	
	EPD&C-5605	3/1R	P	P	P	/				5	
	EPD&C-5903	3/3				/				0	
	EPD&C-5904	3/3				/				0	
	EPD&C-6026	3/3				/				0	
	EPD&C-6027	3/3				/				0	
	EPD&C-6392	3/3				/				0	
	EPD&C-6393	3/3				/				0	
	NONE	EPD&C-5788	/				3/3				13
		EPD&C-5789	/				3/3				13
		EPD&C-6566	/				/				13
		EPD&C-6567	/				/				13
		EPD&C-6568	/				/				13
		EPD&C-6569	/				/				13
		EPD&C-6570	/				/				13
		EPD&C-6571	/				/				13
EPD&C-6572		/				/				13	
EPD&C-6573		/				/				13	
EPD&C-6586		/				3/1R	P	P	P	13	
EPD&C-6587		/				/				13	
EPD&C-6588		/				3/1R	P	P	P	13	
EPD&C-6589		/				/				13	
EPD&C-6590		/				3/1R	P	P	P	13	
EPD&C-6591		/				/				13	
EPD&C-6592		/				3/1R	P	P	P	13	
EPD&C-6593		/				/				13	
EPD&C-6602		/				3/1R	P	P	P	13	
EPD&C-6603		/				/				13	
EPD&C-6604		/				3/1R	P	P	P	13	
EPD&C-6605	/				/				13		
EPD&C-6606	/				3/1R	P	P	P	13		
EPD&C-6607	/				/				13		
EPD&C-6608	/				3/1R	P	P	P	13		
EPD&C-6609	/				/				13		
EPD&C-6610	/				/				13		
EPD&C-6611	/				/				13		
EPD&C-6612	/				/				13		
EPD&C-6613	/				/				13		
EPD&C-6614	/				/				13		
EPD&C-6615	/				/				13		
EPD&C-6616	/				/				13		
EPD&C-6617	/				/				13		
EPD&C-6618	/				/				13		
EPD&C-6619	/				/				13		
EPD&C-6620	/				/				13		
EPD&C-6621	/				/				13		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *			ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)		
NOT FOUND	EPD&C-5094	/		/		12		
	EPD&C-5218	/		/		12		
	EPD&C-5363	/		/		12		
	EPD&C-5428	/		/		12		
	EPD&C-5497	/		/		12		
	EPD&C-5508	/		/		12		
	EPD&C-5561	/		/		12		
	EPD&C-5562	/		/		12		
	EPD&C-5591	/		/		12		
	EPD&C-5592	/		/		12		



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