

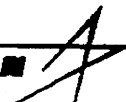
October 15, 1996

CONTRACT NAS8-36200
WBS 3.6.4

**ET Project-
Annual
Incident/Mishap
Report Summary**

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812

LOCKHEED MARTIN



FOREWORD

This report is prepared and submitted in accordance with Data Requirement Number RA28 of the Space Shuttle External Tank Information Requirements Document Production - Increment III, DPD #660 dated March 31, 1989 to Contract NAS8-36200.

Annual Incident/Mishap Report Summary
Period of October 1, 1995 - September 30, 1996

<u>Report</u>	<u>Date</u>	<u>Description</u>	<u>Damage Estimate/ Days Away From Work</u>
MMM-0001-96 (Originally submitted as MMM-0014-95) (MMC-ET-RA02-315)	10/05/95	Weld torch head damaged	\$1650
MMM-0002-96 (MMC-ET-RA02-316)	12/16/95	Weld and trim fixture damaged	\$3177
MMM-0003-96 (MMC-ET-RA02-317)	11/03/95	Personnel injury - injured knee	22 days
MMM-0004-96 (MMC-ET-RA02-318)	02/15/96	Personnel injury - injured coccyx	21 days
MMM-0005-96 (MMC-ET-RA02-319)	02/17/96	Personnel injury - injured knee	7 days
MMM-0006-96 (MMC-ET-RA02-320)	04/15/96	Personnel injury - injured knee	17 days
MMM-0007-96 (MMC-ET-RA02-321)	04/19/96	ET-96 Intertank intermediate ring frame assembly damaged (Test Failure)	\$8409
MMM-0008-96 (MMC-ET-RA02-322)	04/22/96	Water hose and X-ray lead damaged	\$1288
MMM-0009-96 (MMC-ET-RA02-323)	03/29/96	Jack bolt failure	\$736
MMM-0010-96 (MMC-ET-RA02-324)	04/30/96	Personnel injury - injured head	5 days
MMM-0011-96 (MMC-ET-RA02-325)	05/22/96	Personnel injury - injured back (days away continuing)	90+
MMM-0012-96 (MMC-ET-RA02-326)	06/10/96	Personnel injury - injured back	1 day
MMM-0013-96 (MMC-ET-RA02-327)	05/30/96	Personnel injury - injured hip	39 days
MMM-0014-96 (MMC-ET-RA02-328)	08/23/96	Personnel injury - injured toe	2 days

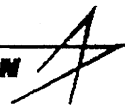
October 10, 1997

CONTRACT NAS8-36200
WBS 3.6.4

**ET Project-
Annual
Incident/Mishap
Report Summary**

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
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Annual Incident/Mishap Report Summary
Period of October 1, 1996 - September 30, 1997

Report	Mishap Date	Description	Damage Estimate/ Days Away From Work
MMM-0001-97 (MMC-ET-RA02-329)	11-21-96	Personnel injury - fractured ribs	3 days
MMM-0002-97 (MMC-ET-RA02-330)	11-26-96	Personnel injury - knee strained	1 day
MMM-0003-97 (MMC-ET-RA02-331)	12-17-96	Personnel injury - flashburn to eyes	2 days
MMM-0004-97 (MMC-ET-RA02-332)	1-2-97	Personnel injury - hand laceration	16 days
MMM-0005-97 (MMC-ET-RA02-333)	1-11-97	Personnel injury - hemothorax	13 days
MMM-0006-97 (MMC-ET-RA02-334)	3-12-97	Personnel injury - hand avulsion	7 days
MMM-0007-97 (MMC-ET-RA02-335)	1-20-97	Personnel injury - knee strain	3 days
MMM-0008-97 (MMC-ET-RA02-336)	4-23-97	Personnel injury - knee strain	8 days
MMM-0009-97 (MMC-ET-RA02-337)	6-5-97	Personnel injury - forehead laceration	6 days
MMM-0010-97 (MMC-ET-RA02-338)	6-7-97	Weld torch damaged when rotated into tooling	\$5500
MMM-0011-97 (MMC-ET-RA02-339)	6-16-97	O2 index tester damaged	\$4500

October 9, 1998

Contract NAS8-36200
WBS 3.6.4

ET Project - Annual Incident/Mishap Report Summary

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812

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Annual Incident/Mishap Report Summary
Period of October 1, 1997 - September 30, 1998

Report	Mishap Date	Description	Damage Estimate/ Days Away From Work
MMM-0001-98 (MMC-ET-RA02-340)	5-21-98	Crane tires damaged by electrical current.	\$5,250
MMM-0002-98 (MMC-ET-RA02-341)	6-10-98	Personnel injury - flash burn to eyes	2 days
MMM-0003-98 (MMC-ET-RA02-342)	5-6-98	Personnel injury - back injury	36 days
MMM-0004-98 (MMC-ET-RA02-343)	6-20-98	Feedline siphon assembly damaged	\$18,816
MMM-0005-98 (MMC-ET-RA02-344)	7-2-98	Weld purge box fell inside LH2 tank	\$4,767
MMM-0006-98 (MMC-ET-RA02-345)	6-19-98	Garage door cable failure	\$5,896

MMC-ET-RA28-12

September 30, 1999

Contract NAS8-36200
WBS 3.6.4

ET Project - Annual Incident/Mishap Report Summary

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812

LOCKHEED MARTIN



FOREWORD

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Annual Incident/Mishap Report Summary
Period of October 1, 1998 - September 30, 1999

Report	Mishap Date	Description	Damage Estimate/ Days Away From Work
MMM-0001-99 (MMC-ET-RA02-346)	11-19-98	Personnel injury - hand laceration	5 days
MMM-0002-99 (MMC-ET-RA02-347)	12-10-98	Personnel injury - contusions, abrasions from fall.	7 days
MMM-0003-99 (MMC-ET-RA02-348)	3-17-99	Personnel injury - spontaneous tendon rupture	6 days
MMM-0004-99 (MMC-ET-RA02-349)	1-20-99	Personnel illness - carpal tunnel syndrome	15 days

September 30, 2000

CONTRACT NAS8-36200
WBS 3.6.4

ET Project - Annual Incident/Mishap Report Summary

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812

LOCKHEED MARTIN



FOREWORD

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Annual Incident/Mishap Report Summary
Period of October 1, 1999 - September 30, 2000

Report	Mishap Date	Description	Damage Estimate/ Days Away From Work
MMM-0001-00 (MMC-ET-RA02-350)	1-20-00	Personnel injury - torn meniscus	11 days
MMM-0002-00 (MMC-ET-RA02-351)	4-13-00	Personnel injury - strained back	4 days
MMM-0003-00 (MMC-ET-RA02-352)	5-30-00	Personnel injury - strained back	4 days
MMM-0004-00 (MMC-ET-RA02-353)	6-14-00	Van backed into parked van	\$1600
MMM-0005-00 (MMC-ET-RA02-354)	8-6-00	Personnel injury - fractured arm	34 days
MMM-0006-00 (MMC-ET-RA02-355)	8-9-00	Personnel injury - fractured kneecap	Continuing
MMM-0007-00 (MMC-ET-RA02-356)	8-21-00	Personnel injury - fractured hip and shoulder	Continuing
MMM-0008-00 (MMC-ET-RA02-357)	9-8-00	Personnel injury - strained back (First day away 9-14-00)	Continuing
MMM-0009-00 (MMC-ET-RA02-358)	8-1-00	Personnel injury - strained back (First day away 10-3-00)	Continuing
MMM-0010-00 (MMC-ET-RA02-359)	7-12-00	Personnel injury - knee injury (First day away 10-6-00)	Continuing

October 4, 2001

Contract NAS8-36200
WBS 3.6.4

ET Project - Annual Incident/ Mishap Report Summary

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National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812

LOCKHEED MARTIN



FOREWORD

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Annual Incident/Mishap Report Summary
Period of October 1, 2000 - September 30, 2001

<u>Report</u>	<u>Mishap Date</u>	<u>Description</u>	<u>Damage Estimate/ Days Away From Work</u>
MMM-0001-01 (MMC-ET-RA02-361)	11-30-00	Personnel injury - fractured arm	16 days
MMM-0002-01 (MMC-ET-RA02-362)	2-19-01	Personnel injury - torn meniscus	45 days
MMM-0003-01 (MMC-ET-RA02-363)	5-6-01	Personnel injury - fingers injured	2 days
MMM-0012-00 (MMC-ET-RA02-364)	9-22-00	Personnel injury - torn meniscus (Injury occurred 9-22-00; lost workdays began 7-26-01 following surgery)	23 days

October 7, 2002

Contracts NAS8-36200
and NAS8-00016
WBS 3.6.4

Annual Incident / Mishap Report Summary for Fiscal Year 2002

Prepared for:
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center,
Alabama 35812



FOREWORD

This report is prepared and submitted in accordance with Data Requirement Number RA28 of the Space Shuttle External Tank Information Requirements Document Production - Increment III, DPD # 660 dated March 31, 1989 to Contract NAS8-36200.

Annual Incident/Mishap Report Summary
Period of October 1, 2001 - September 30, 2002

<u>Report</u>	<u>Mishap Date</u>	<u>Description</u>	<u>Damage Estimate/ Days Away From Work</u>
MMM-0001-02 (MMC-ET-RA02-365)	11-13-01	Personnel injury - fractured rib	1 day
MMM-0002-02 (MMC-ET-RA02-366)	3-2-02	Water damage to computer equipment	\$4068
MMM-0003-02 (MMC-ET-RA02-367)	3-11-02	Personnel injury – shoulder impingement	7 days