

SHUTTLE SERIES

51-L INVESTIGATION DOCUMENTS

The Data Design and Analysis Task Force was established within NASA on February 5, 1986 to support the Presidential Commission investigating the Challenger 51-L accident (Rogers Commission). The Task Force grew out of the Interim Mishap Investigation Board appointed by NASA Headquarters Office of Manned Space Flight and approved by the acting NASA administrator on January 29, 1986. After the Presidential Commission was appointed, the board was re-named and re-oriented to support the Commission. These papers are primarily those of the Mission Planning and Operations Team (MPOT) of the Data, Design and Analysis Task Force. This team supported the Rogers Commission's Mission Planning and Operations Panel. The records are arranged basically in chronological order within four subject areas. The first group are background documents which pre-date the accident (or are undated) and include requirements, reviews and background information on the flight. The second group consists of presentations and reports that were, for the most part, responses to MPOT requests for information on Commission assigned action items. The third group of documents are correspondence, notes, and miscellaneous material including 51-L impact documents, commission information, team charter, action items lists, etc.. Finally there are Task Force / MPOT generated reports to the Commission, lessons learned, and the task force historical summary. The subseries consists of 2 1/2 linear feet of presentations, reports, and correspondence, most of which were created between January and March 1986. However, the dates run from May 1977 through June 1986.

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BACKGROUND DOCUMENTS	Configuration Management Requirement	May 16, 1977
BACKGROUND DOCUMENTS	Safety Policy and Requirements	Dec. 1980
BACKGROUND DOCUMENTS	Payload Hazard Report / MDAC PAM-D	May 1982
BACKGROUND DOCUMENTS	Interpretations of STS Payload Safety Requirements	Feb. 3, 1983
BACKGROUND DOCUMENTS	Implementation Procedure for STS Payloads System Safety Requirements	May 16, 1983
BACKGROUND DOCUMENTS	Space Shuttle Payload Design & Development Safety Guidelines & Requirements	Feb. 1, 1985
BACKGROUND DOCUMENTS	Minutes of STS 51-L Cargo Integration Review	June 18 - 20, 1985
BACKGROUND DOCUMENTS	ASC (American Satellite Co.) Safety Noncompliance Report ASC-FPHR-6A	Aug. 7, 1985
BACKGROUND DOCUMENTS	Status of Actions from STS 51-L CIR	Sept. 17, 1985
BACKGROUND DOCUMENTS	Cargo Integration Review Documents	1984 - 1985
BACKGROUND DOCUMENTS	MCC Data Computation Complex Crew Activity Overview	Jan. 15, 1986
BACKGROUND DOCUMENTS	As Flown History	Feb. 1986
BACKGROUND DOCUMENTS	Flight Rate Enhancements - JSC to Support 18 Flights / Year	n.d.
BACKGROUND DOCUMENTS	Payload Problems	n.d.
PRESENTATIONS, REPORTS, ACTION RESPONSES	STS 51-L Flight Director's Loop from Launch Minus Two Minutes	Jan. 28, 1986
PRESENTATIONS, REPORTS, ACTION RESPONSES	STS Production Process	Jan. 1986
PRESENTATIONS, REPORTS, ACTION RESPONSES	Flight Production Approach and Status	Feb. 5, 1986
PRESENTATIONS, REPORTS, ACTION RESPONSES	51-L Payloads Review Integration Teams Payloads Data Inventory Catalogs	Feb. 12, 1986
PRESENTATIONS, REPORTS, ACTION RESPONSES	Manifest Process & Change Effects STS Integration & Operations	Mar. 12, 1986
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PRESENTATIONS, REPORTS, ACTION RESPONSES	Orbiter Hardware Testing Group, MPOT & Panel Presentation: Orbiter Maintenance Inspection Plan; OV-099, STS 51-L Modifications; Orbiter Flight Anomalies & Subsystem Evaluation	Mar. 31, 1986
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PRESENTATIONS, REPORTS, ACTION RESPONSES	Abort Systems & Concepts, Orbiter Ditching	Apr. 13, 1986
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CORRESPONDENCE, NOTES, MISCELLANEOUS	STS 51-L Data Handling & Facility Integrity	Jan. 29, 1986
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CORRESPONDENCE, NOTES, MISCELLANEOUS	Personnel Support for Presidential Commission Review	n.d.
CORRESPONDENCE, NOTES, MISCELLANEOUS	Task Force Notebook: Organization, Team Topics, Action Items, etc. (Draughon)	n.d.
TASK FORCE / MPOT GENERATED REPORTS	Cargo, Payload Orbiter Interface Team, STS 51-L Flight Readiness Reassessment and Flight Data Review	Mar. 17, 1986
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