

Standards Manager Web Standards List
NASA-National Aeronautics and Space Administration

Id	Number	Title	Year	Organization	Page
1	NASA-STD-5009 REV A	NONDESTRUCTIVE EVALUATION REQUIREMENTS FOR FRACTURE-CRITICAL METALLIC COMPONENTS	2018	NASA	0
2	UFGS-01 33 00	SUBMITTAL PROCEDURES	2018	NASA	0
3	NASA-HDBK-8709.22 CHANGE	SAFETY AND MISSION ASSURANCE ACRONYMS, ABBREVIATIONS, AND DEFINITIONS	2018	NASA	0
4	UFGS-05 72 00	DECORATIVE METAL SPECIALTIES	2018	NASA	0
5	NASA-STD-4009 REV A W/CHG	SPACE TELECOMMUNICATIONS RADIO SYSTEM (STRS) ARCHITECTURE STANDARD	2018	NASA	0
6	NASA-HDBK-6007 REV B	HANDBOOK FOR RECOMMENDED MATERIAL REMOVAL PROCESSES FOR ADVANCED CERAMIC TEST SPECIMENS AND COMPONENTS	2018	NASA	0
7	UFGS-06 73 01	FIBERGLASS REINFORCED PLASTIC (FRP) GRATING	2018	NASA	0
8	NASA-HDBK-4009 REV A W/CH	SPACE TELECOMMUNICATIONS RADIO SYSTEM (STRS) ARCHITECTURE STANDARD RATIONALE	2018	NASA	0
9	NASA-STD-8719.12 REV A	SAFETY STANDARD FOR EXPLOSIVES, PROPELLANTS, AND PYROTECHNICS	2018	NASA	0
10	NASA-STD-8719.25	Range Flight Safety Requirements	2018	NASA	0
11	NASA-STD-5020A	REQUIREMENTS FOR THREADED FASTENING SYSTEMS IN SPACEFLIGHT HARDWARE	2018	NASA	0
12	NASA-STD-8739.12 W/CHG 1	METROLOGY AND CALIBRATION - Incorporating Change 1: March 20, 2018	2018	NASA	0
13	NASA-STD-7002 REV B	PAYLOAD TEST REQUIREMENTS	2018	NASA	0
14	NASA-HDBK-6025 W/CHG 1	GUIDELINES FOR THE SPECIFICATION AND CERTIFICATION OF TITANIUM ALLOYS FOR NASA FLIGHT APPLICATIONS	2017	NASA	0
15	NASA-STD-2804	MINIMUM INTEROPERABILITY SOFTWARE SUITE - Spring 2017	2017	NASA	0
16	NASA-STD-2805	MINIMUM HARDWARE CONFIGURATIONS - Spring 2017	2017	NASA	0
17	NASA-STD 8739.6 REV A CHA	Implementation Requirements for NASA Workmanship Standards	2017	NASA	0
18	NASA-HDBK-4002 REV A CHAN	MITIGATING IN-SPACE CHARGING EFFECTS-A GUIDELINE	2017	NASA	0
19	NASA-HDBK-5010 CHANGE 1	FRACTURE CONTROL IMPLEMENTATION HANDBOOK FOR PAYLOADS, EXPERIMENTS, AND SIMILAR HARDWARE	2017	NASA	0

20	NASA-STD-5018 CHANGE 1	STRENGTH DESIGN AND VERIFICATION CRITERIA FOR GLASS, CERAMICS, AND WINDOWS IN HUMAN SPACE FLIGHT APPLICATIONS	2017	NASA	0
21	NASA-HDBK-5013 REV A	Pyrovalve Applications and Performance Handbook - This is an Export-Controlled Document - Proper procedures must be followed when handling SBU information, as defined by your organization.	2017	NASA	0
22	NASA-STD-7001 REV B	PAYLOAD VIBROACOUSTIC TEST CRITERIA	2017	NASA	0
23	NASA-STD-5005 REV D	STANDARD FOR THE DESIGN AND FABRICATION OF GROUND SUPPORT EQUIPMENT	2017	NASA	0
24	NASA-STD-7009 REV A CHANG	STANDARD FOR MODELS AND SIMULATIONS	2016	NASA	0
25	NASA-STD-8739.1 REV B	WORKMANSHIP STANDARD FOR POLYMERIC APPLICATION ON ELECTRONIC ASSEMBLIES	2016	NASA	0
26	NASA-HDBK-7010	DIRECT FIELD ACOUSTIC TESTING (DFAT)	2016	NASA	0
27	NASA-STD-5001 REV B W/CHG	STRUCTURAL DESIGN AND TEST FACTORS OF SAFETY FOR SPACEFLIGHT HARDWARE	2016	NASA	0
28	NASA-STD-4003 REV A W/CHG	ELECTRICAL BONDING FOR NASA LAUNCH VEHICLES, SPACECRAFT, PAYLOADS, AND FLIGHT EQUIPMENT	2016	NASA	0
29	NASA-STD-8739.4 REV A CHA	WORKMANSHIP STANDARD FOR CRIMPING, INTERCONNECTING CABLES, HARNESSSES, AND WIRING	2016	NASA	0
30	NASA-HDBK-4008 W/CHG 1	PROGRAMMABLE LOGIC DEVICES (PLD) HANDBOOK	2016	NASA	0
31	NASA-STD-6016 REV A	STANDARD MATERIALS AND PROCESSES REQUIREMENTS FOR SPACECRAFT	2016	NASA	0
32	NASA-STD-5019 REV A W/CHG	FRACTURE CONTROL REQUIREMENTS FOR SPACEFLIGHT HARDWARE - w/CHANGE 2: ADMINISTRATIVE CHANGE 2018-03-29	2016	NASA	0
33	UFGS-08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS - Incorporating Change 1: August 1,2018	2016	NASA	0
34	NASA-HDBK-8739.23 REV A	NASA COMPLEX ELECTRONICS HANDBOOK FOR ASSURANCE PROFESSIONALS	2016	NASA	0
35	NASA-STD-5006 REV A W/CHG	GENERAL WELDING REQUIREMENTS FOR AEROSPACE MATERIALS	2016	NASA	0
36	NASA-STD-5012 REV B	STRENGTH AND LIFE ASSESSMENT REQUIREMENTS FOR LIQUID-FUELED SPACE PROPULSION SYSTEM ENGINES	2016	NASA	0
37	NASA-STD-5008 REV B W/CHG	PROTECTIVE COATING OF CARBON STEEL, STAINLESS STEEL, AND ALUMINUM ON LAUNCH STRUCTURES, FACILITIES, AND GROUND SUPPORT EQUIPMENT	2016	NASA	0
38	UFGS-12 36 00	COUNTERTOPS - Incorporating Change 2: August 01, 2018	2016	NASA	0
39	NASA-STD-5017 REV A W/CHG	DESIGN AND DEVELOPMENT REQUIREMENTS FOR MECHANISMS	2016	NASA	0
40	NASA-SPEC-5022 W/CHG 1	NASA MANUFACTURING AND TEST REQUIREMENTS FOR NORMALLY CLOSED PYROVALVES FOR HAZARDOUS FLIGHT SYSTEMS APPLICATIONS	2016	NASA	0

41	NASA-STD-6001 REV B W/CHG	FLAMMABILITY, OFFGASSING, AND COMPATIBILITY REQUIREMENTS AND TEST PROCEDURES	2016	NASA	0
42	NASA-HDBK-4007	SPACECRAFT HIGH-VOLTAGE PASCHEN AND CORONA DESIGN HANDBOOK	2016	NASA	0
43	NASA-STD-4005 REV A	LOW EARTH ORBIT SPACECRAFT CHARGING DESIGN STANDARD	2016	NASA	0
44	NASA-STD-8719.9 REV A W/C	LIFTING STANDARD	2015	NASA	0
45	NASA-STD-8739.5 REV A	WORKMANSHIP STANDARD FOR FIBER OPTIC TERMINATIONS, CABLE ASSEMBLIES, AND INSTALLATION	2015	NASA	0
46	NASA-STD-3001 VOLUME 2 RE	NASA SPACE FLIGHT HUMAN-SYSTEM STANDARD VOLUME 2: HUMAN FACTORS, HABITABILITY, AND ENVIRONMENTAL HEALTH	2015	NASA	0
47	NASA-STD-8719.17 REV B	NASA Requirements for Ground-Based Pressure Vessels and Pressurized Systems (PVS)	2015	NASA	0
48	NASA-STD-8719.24 W/CHG 2	NASA EXPENDABLE LAUNCH VEHICLE PAYLOAD SAFETY REQUIREMENTS	2015	NASA	0
49	NASA-TM-2015-218770	NASA DOEPOD NDE Capabilities Data Book	2015	NASA	0
50	NASA-HDBK-8709.24	NASA SAFETY CULTURE HANDBOOK	2015	NASA	0
51	NASA-STD-2818 VER 4.0	DIGITAL TELEVISION STANDARDS for NASA	2015	NASA	0
52	NASA-HDBK-6024	SPACECRAFT POLYMERS ATOMIC OXYGEN DURABILITY HANDBOOK	2014	NASA	0
53	NASA-STD-3001 VOLUME 1 RE	NASA SPACE FLIGHT HUMAN-SYSTEM STANDARD VOLUME 1, REVISION A: CREW HEALTH	2014	NASA	0
54	NASA-HDBK-7008	SPACECRAFT DYNAMIC ENVIRONMENTS TESTING	2014	NASA	0
55	NASA-STD-2822	STILL AND MOTION IMAGERY METADATA STANDARD	2013	NASA	0
56	NASA-STD-6008 W/CHG 1	NASA FASTENER PROCUREMENT, RECEIVING INSPECTION, AND STORAGE PRACTICES FOR SPACEFLIGHT HARDWARE	2013	NASA	0
57	NASA-HDBK-7009	NASA HANDBOOK FOR MODELS AND SIMULATIONS: AN IMPLEMENTATION GUIDE FOR NASA-STD-7009	2013	NASA	0
58	NASA-STD-8719.13 REV C	NASA SOFTWARE SAFETY STANDARD	2013	NASA	0
59	NASA-HDBK-4001	ELECTRICAL GROUNDING ARCHITECTURE FOR UNMANNED SPACECRAFT - Revalidation Date: 06-06-2013	2013	NASA	0
60	NASA-HDBK-4006	LOW EARTH ORBIT SPACECRAFT CHARGING DESIGN HANDBOOK - Revalidation Date: 06-06-2013	2013	NASA	0
61	NASA-STD-8739.9	SOFTWARE FORMAL INSPECTIONS STANDARD	2013	NASA	0
62	NASA NPD 4500.1	Administration of Property in the Custody of Contractors	2013	NASA	0

63	NASA-LLIS-6076	Lessons Learned - MPS Databook	2012	NASA	0
64	NASA-LLIS-5117	Lessons learned - Specifying Confidence Levels For Requirements Verified By Analysis	2012	NASA	0
65	NASA-LLIS-6497	Lessons Learned - Earned Value Management: Training is Key to Project Implementation	2012	NASA	0
66	NASA-LLIS-4878	Lessons Learned - Disconnect Between CxP Supportability Plan and GOP Integrated Logistics Support Plan	2012	NASA	0
67	NASA-LLIS-5276	Lessons Learned Developing a Human Factors Operability Timeline Analysis	2012	NASA	0
68	NASA-LLIS-6149	Lessons Learned - Don't Purge Dead-Headed Hydrogen Lines With Helium Downstream Of Source	2012	NASA	0
69	NASA-LLIS-5205	Lessons Learned - Full-Scale Mock-up Testing	2012	NASA	0
70	NASA-LLIS-5877	Lessons Learned - Thumb Amputation with Magnet at Reutilization, Recycling, and Marketing (Bldg. M6-1671)	2012	NASA	0
71	NASA-LLIS-4416	Lessons Learned - Critical System Maturity Requirements, Critical System Analytic Model, and Critical System Certification Proces	2012	NASA	0
72	NASA-HDBK-7004 REV C	FORCE LIMITED VIBRATION TESTING	2012	NASA	0
73	NASA-LLIS-6377	Lessons Learned - Ares Projects Office Knowledge Management Report	2012	NASA	0
74	NASA-LLIS-4581	Lessons Learned - Programs Need A Robust Change Request (CR) Pipeline Tool	2012	NASA	0
75	NASA-LLIS-6350	Lessons Learned - Space Shuttle Program Miscellaneous Induced Environments	2012	NASA	0
76	NASA-LLIS-6342	Lessons Learned - Importance of Detailed Post-Flight Reconstruction and Performance Assessment During the Life of a Flight Program	2012	NASA	0
77	NASA-LLIS-6416	Lessons Learned - SpaceWire Cable Fabrication and Installation	2012	NASA	0
78	NASA-LLIS-4876	Lessons Learned - Operational Supportability Requirements	2012	NASA	0
79	NASA-LLIS-5061	Lessons Learned - Supportability Requirements	2012	NASA	0
80	NASA-LLIS-6142	Lessons Learned - Don't Purge Engine Hydrogen Lines With Helium If The Engines Cannot Tolerate/Consume Any Amount Of Helium	2012	NASA	0
81	NASA-LLIS-5004	Lessons Learned Forward Dome of Liquid Hydrogen (LH2) Tank	2012	NASA	0
82	NASA-LLIS-4580	Lessons Learned - Early Implementation of a Change Management Process	2012	NASA	0
83	NASA-LLIS-6496	Lessons Learned - Integrate Earned Value Management Tools With the Project Management System	2012	NASA	0
84	NASA-LLIS-4578	Lessons Learned - Programs Selecting Data Management Tools Without Establishing A Technical Data Architecture	2012	NASA	0
85	NASA-LLIS-5183	Lessons Learned - Flight Termination System (FTS) Safe and Arm (S&A) Device Monitoring Capability	2012	NASA	0
86	NASA-LLIS-6656	Lessons Learned - Does Software IV&V Provide Clear Benefits to NASA Projects?	2012	NASA	0

87	NASA-LLIS-6476	Lessons Learned - Earned Value Management: Define and Maintain Work Authorization Documentation at all Levels	2012	NASA	0
88	NASA-STD-2821	Audio and Video Standards for Internet Resources	2012	NASA	0
89	NASA-LLIS-6396	Lessons Learned - An Electrical Outage Revealed Emergency Systems Not Functioning as Expected	2012	NASA	0
90	NASA-LLIS-5044	Lessons Learned - Unclear Responsibilities, Requirements, Quantities, Schedules & Reviews For Contractor-Provided Ground Support Equipment	2012	NASA	0
91	NASA-LLIS-6376	Lessons Learned - Engineering the System and Technical Integration	2012	NASA	0
92	NASA-LLIS-6716	Lessons Learned - Enforce Contamination Control Processes	2012	NASA	0
93	NASA-LLIS-4977	Lessons Learned Launch Vehicle Architectural Configuration	2012	NASA	0
94	NASA-LLIS-4936	Lessons Learned - Logistics Sparing Methodology	2012	NASA	0
95	NASA-LLIS-4585	Lessons Learned - Standardize Technical Coordination Meeting (TCM) Process Used In Document And Data Reviews	2012	NASA	0
96	NASA-LLIS-6657	Lessons Learned - Reduce MOS Development Cost/Risk by Matching MOS to Existing AMMOS Capabilities	2012	NASA	0
97	NASA-LLIS-6344	Lessons Learned - Space Shuttle Program Integration, Planning, Scheduling and Tracking	2012	NASA	0
98	NASA-LLIS-5236	Lessons Learned Incorporating Human Factors from the beginning of a Program/Project	2012	NASA	0
99	NASA-LLIS-5196	Lessons Learned - Developing Ground Systems and Flight Hardware in Parallel	2012	NASA	0
100	NASA-LLIS-5057	Lessons Learned - Design Supportability Requirements	2012	NASA	0
101	NASA-LLIS-5996	Lessons Learned Vehicle Assembly Building (VAB) Fall from the 41st Floor	2012	NASA	0
102	NASA-LLIS-5296	Lessons Learned - Use of Physical Mockup Analysis to Improve Ground Processing	2012	NASA	0
103	NASA-LLIS-6144	Lessons Learned - Shuttle External Tank Engine Cut Off Feed Through Connector Failure	2012	NASA	0
104	NASA-LLIS-6816	Lessons Learned Space Transportation System (STS)-133/External Tank (ET)-137 Intertank (IT) Foam Crack and Stringer	2012	NASA	0
105	NASA-STD-6012	CORROSION PROTECTION FOR SPACE FLIGHT HARDWARE	2012	NASA	0
106	NASA-LLIS-5013	Lessons Learned Mobile/Portable Deservicing Ground Support Equipment (GSE)	2012	NASA	0
107	NASA-LLIS-6477	Lessons Learned - Impediments to Implementing Earned Value Management	2012	NASA	0
108	NASA-LLIS-4579	Lessons Learned - Ensure Official Data Repository Has All Needed Functionality	2012	NASA	0
109	NASA-LLIS-5676	Lessons Learned - Work Authorization Traceability	2012	NASA	0
110	NASA-LLIS-6347	Lessons Learned - Space Shuttle Program Protuberance and Cavity Induced Environments	2012	NASA	0

111	NASA-LLIS-6636	Lessons Learned - Conduct a Final Mechanical Walkdown Prior to Spacecraft Integration with the Launch Vehicle	2012	NASA	0
112	NASA-LLIS-4588	Lessons Learned - Automated Management of the Technical Baseline	2012	NASA	0
113	NASA-LLIS-5099	Lessons Learned - Information Technology (IT) Security Requirements Levied On Federal Agencies Do Not Align With Systems Engineering and Integration (SE&I) Requirements Management Processes	2012	NASA	0
114	NASA-LLIS-6150	Lessons Learned - Hydrogen Venting Potential Explosive Hazard	2012	NASA	0
115	NASA-LLIS-6776	Lessons Learned Triggering an Office Fire Alarm Shut Down an Adjacent Data Center	2012	NASA	0
116	NASA-LLIS-5188	Lessons Learned - Communications and Tracking Station	2012	NASA	0
117	NASA-LLIS-5009	Lessons Learned - Mapping Processing Facilities To Operations	2012	NASA	0
118	NASA-LLIS-3636	Lessons Learned Different Groups in Different Locations Working On the Same System but Under Different Contracts	2012	NASA	0
119	NASA-LLIS-6436	Lessons Learned - Pressure Testing and Venting of Enclosed Volumes	2012	NASA	0
120	NASA-LLIS-6616	Lessons Learned Undocumented Process Steps And Process Drift Is Root Cause For Scrap Of High Value Part	2012	NASA	0
121	NASA-LLIS-5200	Lessons Learned - Vehicle versus Ground Synchronization	2012	NASA	0
122	NASA-LLIS-5376	Lessons Learned - No Clear Communication on Human Factors Lessons Learned between the Apollo Program and the Shuttle Program	2012	NASA	0
123	NASA-LLIS-4582	Lessons Learned - No Audit and Verification Plan Guidance	2012	NASA	0
124	NASA-LLIS-4897	Lessons Learned - Integrated Logistics Product Formats	2012	NASA	0
125	MSFC-SPEC-3679	Process Specification-Welding Aerospace Flight Hardware	2012	NASA	0
126	NASA-LLIS-6146	Lessons Learned - Absence Of Explicitly Defined Fluid Property/Composition At The Vehicle/Engine Interface	2012	NASA	0
127	NASA-LLIS-6498	Lessons Learned - When is the Appropriate Time to Implement Earned Value Management?	2012	NASA	0
128	NASA-LLIS-4958	Lessons Learned Capturing Safety Risks for a Program	2012	NASA	0
129	NASA-LLIS-5957	Lessons Learned - Sensor Package 1 (SP1) Pan/Tilt Unit Damage	2012	NASA	0
130	NASA-LLIS-6456	Lessons Learned - Atmospheric Revitalization and Pressure Control System (ARPCS)	2012	NASA	0
131	NASA-LLIS-5197	Lessons Learned - Ground Systems Requirements Development	2012	NASA	0
132	NASA-LLIS-6345	Lessons Learned - Space Shuttle Program Ground and Flight Data Measurements	2012	NASA	0
133	NASA-LLIS-4881	Lessons Learned - Conflicts of Interest In Logistics Support Analysis Development	2012	NASA	0
134	NASA-LLIS-4966	Lessons Learned Correct Interpretation of Terms Such As "Critical"	2012	NASA	0

135	NASA-LLIS-6143	Lessons Learned - Excessive Program Level Requirements	2012	NASA	0
136	NASA-LLIS-6536	Lessons Learned - Communicate Requirements Associated with Analysis Tied to Required Verification Data	2012	NASA	0
137	NASA-LLIS-6148	Lessons Learned - Continuous Hazardous Gas Monitoring In The Shuttle Aft During Flight	2012	NASA	0
138	NASA-LLIS-5201	Lessons Learned - Consolidation of Requirements	2012	NASA	0
139	NASA-LLIS-4896	Lessons Learned - Benefits of Independent Integrated Logistics Assessment	2012	NASA	0
140	NASA-LLIS-4880	Lessons Learned - Inventory Management	2012	NASA	0
141	NASA-LLIS-4584	Lessons Learned - Establishing a Configuration Status Accounting (CSA) Tool	2012	NASA	0
142	NASA-LLIS-6796	Lessons Learned TRaiNED Deployment Failure Was Traced to Design Flaws and Process Escapes [Export Version]	2012	NASA	0
143	NASA-LLIS-5199	Lessons Learned - Requirement Decision-Making Authority	2012	NASA	0
144	NASA-LLIS-6256	Lessons Learned - Procedure Devolvement over Time in a Seriesed Spacecraft Program	2012	NASA	0
145	NASA-LLIS-6696	Lesson Learned - Verify Test Equipment Functionality Before Testing	2012	NASA	0
146	NASA-LLIS-6349	Lessons Learned - Space Shuttle Program Plume/Flowfield Interaction	2012	NASA	0
147	NASA-LLIS-6637	Lesson Learned - Establish an Organizational Framework for Implementing Earned Value Management	2012	NASA	0
148	NASA-LLIS-5377	Lessons Learned Human Factors and the Space Flight Awareness (SFA) Employee Motivation and Recognition Program	2012	NASA	0
149	NASA-LLIS-6357	Lessons Learned - Thermal Environment Body Point Numbering System	2012	NASA	0
150	NASA-LLIS-4556	Lessons Learned - Program vs. Center Processes	2012	NASA	0
151	NASA-LLIS-5476	Lessons Learned - The Value of Post Flight Reports and System Reviews in Understanding and Correcting Space Craft Anomalies	2012	NASA	0
152	NASA-STD-8719.14 REV A W/	Process for Limiting Orbital Debris	2012	NASA	0
153	NASA-LLIS-5636	Lessons Learned - Use of Natural, Flight-Like Spectra in Instrument Testing	2011	NASA	0
154	NASA-LLIS-3762	Lessons Learned - Maintaining an Uninterruptible Power Supply (UPS)	2011	NASA	0
155	NASA-LLIS-4218	Lessons Learned - Component Leak Check Methods	2011	NASA	0
156	NASA-LLIS-5163	Lessons Learned - Constellation Architecture Requirements Document (CARD) Requirements v. Manifest	2011	NASA	0
157	NASA-LLIS-3757	Lessons Learned - Importance of Tracking and Verification of Space Flight Electrical Connectors During Ground Processing at Kennedy Space Center	2011	NASA	0

158	NASA-LLIS-5216	Lessons Learned Pre-Task briefings to Improve Safety / Ladder Fall Incident	2011	NASA	0
159	NASA-LLIS-5003	Lessons Learned Combined First Stage Aft Skirt Umbilical	2011	NASA	0
160	NASA-LLIS-3758	Lessons Learned - Concurrent Engineering	2011	NASA	0
161	NASA-LLIS-3759	Lessons Learned - Space Shuttle High-Density Electrical Connector Retest	2011	NASA	0
162	NASA-LLIS-4620	Lessons Learned Standard Change Order Cost Proposals Format	2011	NASA	0
163	NASA-LLIS-4017	Lessons Learned - Time and Material Task Order Contracts	2011	NASA	0
164	NASA-LLIS-2556	Lessons Learned Design for Operations -Operational Costs Drivers	2011	NASA	0
165	NASA-LLIS-6216	Lessons Learned - MSL Mobility Assembly Lift Mishap	2011	NASA	0
166	NASA-LLIS-3641	Lessons Learned Replacement of the Automated Wire Analyzer (AWA)	2011	NASA	0
167	NASA-LLIS-3617	Lessons Learned - Performance Measurement Baseline (PMB) Implementation Reporting Expectations on Letter Contract Award	2011	NASA	0
168	NASA-LLIS-4417	Lessons Learned - Shuttle Orbiter Airlock Hatch Failure Caused By Loose Screw On STS-80 Prevented Two Planned Mission EVAs	2011	NASA	0
169	NASA-LLIS-6116	Lessons Learned - Environment Control and Life Support System (ECLSS) Ground Coolant System (GCS)	2011	NASA	0
170	NASA-LLIS-3676	Lessons Learned - Communication and Tracking (C&T) Station	2011	NASA	0
171	NASA-LLIS-4019	Lessons Learned - Proprietary Elevator Procurement	2011	NASA	0
172	NASA-LLIS-4036	Lessons Learned - Refractory Removal	2011	NASA	0
173	NASA-LLIS-3760	Lessons Learned - Space Shuttle Orbiter Interconnecting Hardware Test Configuration Verification and Status	2011	NASA	0
174	NASA-LLIS-6056	Lessons Learned - Liquid Oxygen (LO2) Purity Impacts Engine Performance	2011	NASA	0
175	NASA-LLIS-5536	Lessons Learned - Thumb Amputation on Sliding Door Type B Mishap	2011	NASA	0
176	NASA-LLIS-4057	Lessons Learned - Spacecraft Single Phase AC Electrical Powerlants	2011	NASA	0
177	NASA-STD-7003 REV A	PYROSHOCK TEST CRITERIA	2011	NASA	0
178	NASA-LLIS-3256	Lessons Learned Orbiter Lifting Sling Damage	2011	NASA	0
179	NASA-LLIS-5336	Lessons Learned Nickel-Hydrogen (NiH2) Common Pressure Vessel (CPV) Cell Capacity Loss and Voltage Collapse	2011	NASA	0
180	NASA-LLIS-5185	Lessons Learned - Establishing a Constellation Systems Integration Panel to Arbitrate Technical Concerns)	2011	NASA	0
181	NASA-LLIS-5456	Lessons Learned Building 1100 3rd Floor Fire	2011	NASA	0

182	NASA-LLIS-4022	Lessons Learned Spare Parts Procurement	2011	NASA	0
183	NASA-LLIS-3697	Lessons Learned - EMU Contamination Control Cartridges Were Installed Backward	2011	NASA	0
184	NASA-LLIS-3763	Lessons Learned - Certifying Calibration on Test Components	2011	NASA	0
185	NASA-LLIS-6196	Lessons Learned - Shaker Self-Check Unexpectedly Exceeded the Dynamic Test Limit	2011	NASA	0
186	NASA-LLIS-3656	Lessons Learned Accurate As-Built Drawings	2011	NASA	0
187	NASA-LLIS-6236	Lessons Learned - Constellation Program Lessons Learned Volume II	2011	NASA	0
188	NASA-LLIS-4256	Lessons Learned - Development of the Current Mass Spectrometer Requirements and Techniques	2011	NASA	0
189	NASA-LLIS-5396	Lessons Learned Cryogenic Tank Rupture/Close Call	2011	NASA	0
190	NASA-LLIS-5836	Lessons Learned Overturned Mobile Crane at Jay Jay Railroad Draw Bridge	2011	NASA	0
191	NASA-LLIS-4021	Lessons Learned - Elevator 5-Year Test Procedure Revisions	2011	NASA	0
192	NASA-LLIS-4976	Lessons Learned Cryogenic Tank Rupture Mishap	2011	NASA	0
193	NASA-LLIS-5156	Lessons Learned Pad-39A Sandblast Pot Mishap	2011	NASA	0
194	NASA-LLIS-2298	Lessons Learned - Identification of True Environmental Bounds of Heritage Hardware	2011	NASA	0
195	NASA-LLIS-5011	Lessons Learned Spacecraft Surface Cleanliness Challenges During Ogive Assembly Operations in the VAB	2011	NASA	0
196	NASA-LLIS-5203	Lessons Learned Design Verification Development	2011	NASA	0
197	NASA-LLIS-5256	Lessons Learned JPL Emergency Response: The Station Fire	2011	NASA	0
198	NASA-LLIS-5796	Lessons Learned - MSL Backshell Crane Incident	2011	NASA	0
199	NASA-LLIS-3640	Lessons Learned Ground Lightning Monitoring System (GLMS)	2011	NASA	0
200	NASA-LLIS-3259	Lessons Learned Design for Operability; High Use Nut Plate/ Insert Design	2011	NASA	0
201	NASA-LLIS-3756	Lessons Learned - Vendor Drawings and Training for Line-Replaceable Units (LRUs)	2011	NASA	0
202	NASA-LLIS-5479	Lessons Learned - Proper Manufacturing, Handling, Use, Storage and Care Of Metal Bellows Flex Hoses	2011	NASA	0
203	NASA-LLIS-4658	Lessons Learned - Design Changes Not In Scope	2011	NASA	0
204	NASA-LLIS-3277	Lessons Learned - Use of Request for Specific Action (RSA) Database System in Space Shuttle Processing	2011	NASA	0
205	NASA-LLIS-3637	Lessons Learned Specification for Varied Installation of Temporary Payload Integration Hardware	2011	NASA	0

206	NASA-LLIS-2297	Lessons Learned - Need to Include Systems Engineering Early in Project Formulation	2011	NASA	0
207	NASA-LLIS-4059	Lessons Learned - Flexhose Quick Disconnect (QD) Design Improvement for Easier Use	2011	NASA	0
208	NASA-LLIS-4456	Lessons Learned Ice Detection Camera (IDC) Close Call	2011	NASA	0
209	NASA-LLIS-2158	Lessons Learned - Reuse of Analysis Software	2011	NASA	0
210	NASA-LLIS-3376	Lessons Learned Inadequate Software Testing	2011	NASA	0
211	NASA-LLIS-5916	Lessons Learned Pad A Mobile Launch Platform (MLP) Ladder Mishap	2011	NASA	0
212	NASA-LLIS-6036	Lessons Learned - Ground Umbilical Carrier Assembly Gaseous Hydrogen Leak Investigation	2011	NASA	0
213	NASA-LLIS-4436	Lessons Learned from Radioisotope Power Systems (RPS) Programmatic Review	2011	NASA	0
214	NASA-LLIS-4596	Lessons Learned - Deaeration of Hydraulic Fluid	2011	NASA	0
215	NASA-LLIS-4516	Lessons Learned Institutional Configuration Management Organization	2011	NASA	0
216	NASA-LLIS-5496	Lessons Learned - Vehicle Assembly Building (VAB) Fall Protection Barrier Chain Guard Rail Failure with â__Sâ__ Hooks	2011	NASA	0
217	NASA-LLIS-4058	Lessons Learned - Use of Propellant Grade Commodities for Fuel Cell Powerplants	2011	NASA	0
218	NASA-LLIS-5936	Lessons Learned Fire Protection System (FPS) Failure at the Launch Control Center (LCC)	2011	NASA	0
219	NASA-LLIS-4020	Lessons Learned - Elevator Installation/Equipment that Can Withstand the Launch Environment	2011	NASA	0
220	NASA-LLIS-3297	Lessons Learned Place Pneumatic Panels in an Air-Conditioned Environment	2011	NASA	0
221	NASA-LLIS-3338	Lessons Learned Improve the Constraint System / Identification of Precedence Order for Work Procedures	2010	NASA	0
222	NASA-LLIS-3157	Lessons Learned - Environmental Control System (ECS) Purge Support Requirements	2010	NASA	0
223	NASA-LLIS-3036	Lessons Learned - Ground Support Equipment (GSE) Maintenance Requirements	2010	NASA	0
224	NASA-LLIS-3202	Lessons Learned - Closeout Photos	2010	NASA	0
225	NASA-LLIS-2496	Lessons Learned High Voltage Power Supply Circuit Failure due to Hollow Core Resistor	2010	NASA	0
226	NASA-LLIS-3077	Lessons Learned - Design for Operability; Door Penetration Thermal Barrier Design	2010	NASA	0
227	NASA-LLIS-2157	Lessons Learned Network/Radio Frequency (RF) Compatibility Testing	2010	NASA	0
228	NASA-LLIS-3336	Lessons Learned Contamination Control Operational Maintenance Requirements and Specifications Document Requirements (OMRSD)	2010	NASA	0
229	NASA-LLIS-2796	Lessons Learned System or Set Configuration Verifications Prior to Operations	2010	NASA	0

230	NASA-STD-8709.20	MANAGEMENT OF SAFETY AND MISSION ASSURANCE TECHNICAL AUTHORITY (SMA TA) REQUIREMENTS	2010	NASA	0
231	NASA-LLIS-3116	Lessons Learned - Bent Orbital Maneuvering System (OMS) Pod Rotator	2010	NASA	0
232	NASA-LLIS-3177	Lessons Learned - Development and Evolution of the Main Propulsion Helium Signature Test	2010	NASA	0
233	NASA-LLIS-2616	Lessons Learned Performance Driven Space Shuttle Lacks Design for Operations	2010	NASA	0
234	NASA-LLIS-3056	Lessons Learned - RMS Shoulder Brace Anomaly	2010	NASA	0
235	NASA-LLIS-2918	Lessons Learned - Start Transient Leak Detection System (STLDS)	2010	NASA	0
236	NASA-LLIS-2916	Lessons Learned Avionics Line Replaceable Unit Built in Tests	2010	NASA	0
237	NASA-LLIS-5477	Lessons Learned - Enhanced Fuel Cell Repair Capability at KSC	2010	NASA	0
238	NASA-LLIS-3042	Lessons Learned - Dont Let Reoccurring Issues Become the Norm	2010	NASA	0
239	NASA-LLIS-1861	Lessons Learned TWT using WR-34 waveguide for K-band operation	2010	NASA	0
240	NASA-LLIS-2876	Lessons Learned - Battery Explosion	2010	NASA	0
241	NASA-LLIS-3276	Lessons Learned Reinforced Carbon-Carbon (RCC) Inspection Processes	2010	NASA	0
242	NASA-LLIS-2917	Lessons Learned The Benefit of Individual Wire Identification in Space Flight Harnesses	2010	NASA	0
243	NASA-LLIS-3516	Lessons Learned - Lithium-Ion Battery Fire	2010	NASA	0
244	NASA-LLIS-1862	Lessons Learned High Data Rate K-band Transmitter for Lunar and Near Earth Missions	2010	NASA	0
245	NASA-LLIS-3296	Lessons Learned Verify Sound Suppression Piping Is Pre-Filled To Lowest Nozzles Prior To Tank Fill	2010	NASA	0
246	NASA-LLIS-2716	Lessons Learned Thermal Control System (TCS) Blanket Interference with Xo378 Bulkhead Vent Ports [Video Lesson]	2010	NASA	0
247	NASA-LLIS-2476	Lessons Learned Place Flight Scripts Under Configuration Management Prior to ORT	2010	NASA	0
248	NASA-LLIS-3016	Lessons Learned Component Barcoding and Tracking Systems	2010	NASA	0
249	NASA-LLIS-3097	Lessons Learned - Impurities in Propellant-Grade Ammonia Can Lead to Corrosion and Poor Hardware Performance	2010	NASA	0
250	NASA-LLIS-2156	Lessons Learned - Use of Research and Education Networks (RENS) for Science Data Transfer	2010	NASA	0
251	NASA-LLIS-2736	Lessons Learned Ground Cooling Reliability and Operating Stability Design Enhancement	2010	NASA	0
252	NASA-LLIS-2856	Lessons Learned Re-Certifying An Umbilical After A Modification	2010	NASA	0
253	NASA-LLIS-3316	Lessons Learned Proper Lockset Selection for Construction Projects at Other Locations/Centers	2010	NASA	0

254	NASA-LLIS-4618	Lessons Learned - Cryogenic Line Sizing	2010	NASA	0
255	NASA-LLIS-2896	Lessons Learned - GOX Vent Hood Failsafe Jackscrew	2010	NASA	0
256	NASA-LLIS-3536	Lessons Learned - Schedule a Lessons Learned Debriefing at Each Major Project Milestone	2010	NASA	0
257	NASA-LLIS-2456	Lessons Learned Aquarius EGSE Shipping Mishap	2010	NASA	0
258	NASA-LLIS-3257	Lessons Learned Passive Element Failure Modes and Effects	2010	NASA	0
259	NASA-LLIS-2956	Lessons Learned - Local Design vs. COTS Implementation	2010	NASA	0
260	NASA-LLIS-3396	Lessons Learned - Dawn Ion Propulsion System (IPS)	2010	NASA	0
261	NASA-LLIS-2839	Lessons Learned Reduced Torque Output from Electro-Mechanical Actuators	2010	NASA	0
262	NASA-HDBK-8739.19-4	Estimation and Evaluation of Measurement Decision Risk, NASA Measurement Quality Assurance Handbook ANNEX 4	2010	NASA	0
263	NASA-LLIS-3197	Lessons Learned - Proof-Load Testing of Ground Support Equipment (GSE) Platforms, Slings, and Handling Fixtures Versus Rated Load Testing	2010	NASA	0
264	NASA-LLIS-3339	Lessons Learned - Space Shuttle Fuel Cell System Missing Critical Instrumentation Forces Turnaround Testing Complexities	2010	NASA	0
265	NASA-LLIS-3221	Lessons Learned - Location of Hydraulic Check Valve Prevented Leak Testing of Flex hose Using Ground Pumping Unit [GSE]	2010	NASA	0
266	NASA-LLIS-4176	Lessons Learned Do Not Reuse Anti-Static Bags	2010	NASA	0
267	NASA-LLIS-2536	Lessons Learned - Excess Cooling of MRO HiRISE Sunshade	2010	NASA	0
268	NASA-LLIS-4770	Lessons Learned - Recurring Flight Project Problems Evince "Common Threads"	2010	NASA	0
269	NASA-HDBK-8739.21	Workmanship Manual for Electrostatic Discharge Control (Excluding Electrically Initiated Explosive Devices) - Includes Errata	2010	NASA	0
270	NASA-LLIS-2737	Lessons Learned - Launch Processing System - Unprocessed Data Recording	2010	NASA	0
271	NASA-LLIS-4236	Lessons Learned - Facility Building B1201 Roof Repair Mishap	2010	NASA	0
272	NASA-LLIS-2676	Lessons Learned Logistics Lessons Learned in NASA Space Flight	2010	NASA	0
273	NASA-LLIS-2776	Lessons Learned Kitting of Flight Hardware - Processing of Multiple Parts	2010	NASA	0
274	NASA-LLIS-2696	Lessons Learned Substation Arc Flash Mishap	2010	NASA	0
275	NASA-LLIS-2037	Lessons Learned - Inadvertently Exceeded Pulse Width Modulator Circuit Card Assemblies (PWM CCA)	2010	NASA	0
276	NASA-LLIS-3262	Lessons Learned Launch Processing System - Lessons Learned Compendium	2010	NASA	0
277	NASA-LLIS-3716	Lessons Learned - Testbed Limitations May Impact End-to-End Flight System Testing	2010	NASA	0

278	NASA-LLIS-3099	Lessons Learned - Dome Heat Shield Alignment Tool	2010	NASA	0
279	NASA-LLIS-2976	Lessons Learned - Ground Pneumatics Leak Detection System	2010	NASA	0
280	NASA-LLIS-3101	Lessons Learned - Orbiter Spotting Laser System	2010	NASA	0
281	NASA-LLIS-2838	Lessons Learned Loads from Soft Goods Not Fully Considered During Design of Mechanical Systems	2010	NASA	0
282	NASA-LLIS-2017	Lessons Learned Probabilistic Risk Analysis for the NAOMS Phase 2 Data Release	2009	NASA	0
283	NASA-LLIS-2046	Lessons Learned Limitations of Internal Protective Devices in High-Voltage/High- Capacity Batteries Using Lithium-Io	2009	NASA	0
284	NASA-LLIS-1851	Lessons Learned - KSC Checkout and Launch Control System (CLCS) - Project, Systems, SM&A	2009	NASA	0
285	NASA-LLIS-2036	Lessons Learned Provide a Design Capability Allowing Key Mechanical Adjustments After Subsystem Integration	2009	NASA	0
286	NASA-LLIS-2256	Lessons Learned Penetrant Evaluation of Metallic Tanks and Composite Overwrapped Pressure Vessel Liners	2009	NASA	0
287	NASA-LLIS-2337	Lessons Learned - RF Signal Measurement Inaccuracies During System Integration & Test	2009	NASA	0
288	NASA-LLIS-2044	Lessons Learned MRO Articulation Keep-Out Zone Anomaly	2009	NASA	0
289	NASA-LLIS-2257	Lessons Learned Orbiting Carbon Observatory (OCO) Launch Vehicle Mishap Investigation Results	2009	NASA	0
290	NASA-LLIS-2419	Lessons Learned Aquarius Reflector Over-Test Incident	2009	NASA	0
291	NASA-LLIS-2043	Lessons Learned Understand What Cleaning Means In The Context Of The Flight Item	2009	NASA	0
292	NASA-LLIS-2218	Lessons Learned Flight Software Engineering Lessons	2009	NASA	0
293	NASA-LLIS-2136	Lessons Learned 1-G Human Factors for Optimal Processing and Operability of Constellation Ground Systems	2009	NASA	0
294	NASA-LLIS-2056	Lessons Learned Building M6-794 Roofing Type A Mishap	2009	NASA	0
295	NASA-LLIS-2176	Lessons Learned FAST Post-Flight lessons learned	2009	NASA	0
296	NASA-LLIS-2057	Lessons Learned The Vapor Deposited Aluminum (VDA) Coating Process Can Affect Payload Performance	2009	NASA	0
297	NASA-LLIS-2045	Lessons Learned Failure of Pyrotechnic Operated Valves with Dual Initiators	2009	NASA	0
298	NASA-LLIS-2336	Lessons Learned - Phoenix TEGA Door Opening Anomaly	2009	NASA	0
299	NASA-LLIS-2217	Lessons Learned Maintain a Master Schedule of Supplier Audits	2009	NASA	0
300	NASA-LLIS-2076	Lessons Learned International Space Station Lessons Learned As Applied To Exploration	2009	NASA	0
301	NASA-LLIS-2049	Lessons Learned Improving Fault Management for Spaceflight Missions	2009	NASA	0

302	NASA-LLIS-2047	Lessons Learned JSC Hurricane Ike Lessons Learned Report	2009	NASA	0
303	NASA-LLIS-2048	Lessons Learned Autonomous Transfer to Reaction Wheel Control May Lead to Safing Instability	2009	NASA	0
304	NASA-LLIS-2196	Lessons Learned - Hypergolic Propellant Related Spills and Fires	2009	NASA	0
305	NASA-LLIS-2316	Lessons Learned Sharing Access to the Requirements Management Database for the Project	2009	NASA	0
306	NASA-LLIS-2050	Lessons Learned NASA Study of Flight Software Complexity	2009	NASA	0
307	NASA-LLIS-2042	Lessons Learned Each NASA Project Should Assess Its Compliance with NASA Lessons Learned	2009	NASA	0
308	NASA-LLIS-2216	Lessons Learned - Ban Nonessential Infrastructure Support Services That Could Disrupt Critical Mission Operations	2009	NASA	0
309	NASA-LLIS-2116	Lessons Learned Mission Operations Planning for Irreversible Processes	2009	NASA	0
310	NASA-LLIS-2051	Lessons Learned CAD environment could not handle drawing and model size on the project ARES 1-X Upper Stage Simulator (USS)	2009	NASA	0
311	NASA-LLIS-1878	Lessons Learned - Contamination from Flaked Silver Plating Off Waveguides and Microwave Components	2008	NASA	0
312	NASA-LLIS-1829	Lessons Learned ARC Exploration Systems: A Summary of Lessons Learned Interviews and Workshop	2008	NASA	0
313	NASA-HDBK-8719.14	HANDBOOK FOR LIMITING ORBITAL DEBRIS	2008	NASA	0
314	NASA-LLIS-1996	Lessons Learned MSL Heatshield Handling Incident	2008	NASA	0
315	NASA-LLIS-1860	Lessons Learned - Inherent Difficulty in Manufacturing Small Fillet Welds in 6000 Series Aluminum	2008	NASA	0
316	NASA-LLIS-1843	Lessons Learned - Science Data Downlink Process Must Address Constraints Stemming from Fixed DSN Assets	2008	NASA	0
317	NASA-LLIS-1876	Lessons Learned ISS Lessons Learned: Implementing of Fiber Optic Cabling in Spacecraft	2008	NASA	0
318	NASA-LLIS-1841	Lessons Learned - Discovery Main Landing Gear Dynamic Seal Installed Incorrectly	2008	NASA	0
319	NASA-LLIS-1864	Lessons Learned - External filter needed to achieve low EMI from TWTA	2008	NASA	0
320	NASA-LLIS-1956	Lessons Learned 100+ Lessons Learned for Project Managers	2008	NASA	0
321	NASA-LLIS-1859	Lessons Learned - Use of NASA subject expertise in negotiating contract specifications	2008	NASA	0
322	NASA-LLIS-2041	Lessons Learned MRO Spaceflight Computer Side Swap Anomalies [Export Version]	2008	NASA	0
323	NASA-LLIS-1828	Lessons Learned - DFRC Exploration Systems: Lessons Learned Workshop Report	2008	NASA	0
324	NASA-LLIS-1858	Lessons Learned - Maintain a Materials Properties Database that Covers Environmental Extremes	2008	NASA	0
325	NASA-LLIS-1919	Lessons Learned Solidification Using a Baffle in Sealed Ampoules (SUBSA) Quartz Ampoule Failure	2008	NASA	0

326	NASA-LLIS-1854	Lessons Learned - KSC Checkout and Launch Control System (CLCS) - General Lessons	2008	NASA	0
327	NASA-LLIS-2038	Lessons Learned To Bond or to Bolt, That is the Question [Export Version]	2008	NASA	0
328	NASA-LLIS-1824	Lessons Learned KSC Exploration Systems: Lessons Learned Workshop Process and Results	2008	NASA	0
329	NASA-LLIS-1838	Lessons Learned - Lessons Learned Study Final Report for Exploration Systems Mission Directorate	2008	NASA	0
330	NASA-LLIS-1896	Lessons Learned Functionality of Independent Product Teams	2008	NASA	0
331	NASA-HDBK-8739.18	Procedural Handbook for NASA Program and Project Management of Problems, Nonconformances, and Anomalies	2008	NASA	0
332	NASA-LLIS-1825	Lessons Learned JSC Exploration Systems: Lessons Learned Workshop Report	2008	NASA	0
333	NASA-LLIS-2040	Lessons Learned NASA HQ 2H32 Exposure/Lost-time Case (Type C Mishap)	2008	NASA	0
334	NASA-LLIS-1856	Lessons Learned - Challenges to Successful International Spaceflight Projects	2008	NASA	0
335	NASA-LLIS-1916	Lessons Learned Pore Formation Mobility Experiment Single Event Upsets	2008	NASA	0
336	NASA-LLIS-1850	Lessons Learned - Lessons Learned from the KSC Checkout and Launch Control System (CLCS) - Final Briefing	2008	NASA	0
337	NASA-LLIS-2276	Lessons Learned Mass Properties Management During the Design Cycle	2008	NASA	0
338	NASA-LLIS-1832	Lessons Learned - Counteracting the Threat of Counterfeit Components	2008	NASA	0
339	NASA-STD-8719.11 REV A	SAFETY STANDARD FOR FIRE PROTECTION	2008	NASA	0
340	NASA-LLIS-1849	Lessons Learned - Exercise Strict Controls in the Packaging and Oversight of Critical Hardware Shipped by Third-Party Courier Services	2008	NASA	0
341	NASA-LLIS-2016	Lessons Learned Record Management and Quality Assurance Lesson Learn	2008	NASA	0
342	NASA-LLIS-1879	Lessons Learned - Guidance for NASA Selection & Application of DC-DC Converters	2008	NASA	0
343	NASA-LLIS-1844	Lessons Learned - STS-122 ECO Sensor Anomaly	2008	NASA	0
344	NASA-LLIS-1830	Lessons Learned Kennedy Space Center Awards Ceremony	2008	NASA	0
345	NASA-LLIS-1997	Lessons Learned Application Notes Facilitate the Use of Non-NASA Standards	2008	NASA	0
346	NASA-LLIS-1863	Lessons Learned - Model Based Design reduces hardware prototyping	2008	NASA	0
347	NASA-LLIS-1821	Lessons Learned SSC Exploration Systems: Lessons Learned Workshop Report	2008	NASA	0
348	NASA-LLIS-1822	Lessons Learned MSFC Exploration Systems: Lessons Learned Workshop Report	2008	NASA	0
349	NASA-LLIS-1791	Lessons Learned - Risk Management: Managing risk in a risk adverse culture	2007	NASA	0

350	NASA-LLIS-1778	Lessons Learned - Anomalous Flight Conditions May Trigger Common-Mode Failures in Highly Redundant Systems	2007	NASA	0
351	NASA-LLIS-1835	Lessons Learned - Capture of Apollo Lunar Module Reliability Lessons Learned: Reliability Engineering	2007	NASA	0
352	NASA-LLIS-1792	Lessons Learned - Writing winning proposals that compliment a Centers business strategy	2007	NASA	0
353	NASA-LLIS-1798	Lessons Learned - Braycote Grease retains tribological properties for 17 years in controlled storage	2007	NASA	0
354	NASA-LLIS-1806	Lessons Learned Capture of Apollo Lunar Module Reliability Lessons Learned: Program/Engineering Management	2007	NASA	0
355	NASA-LLIS-1799	Lessons Learned Erroneous Onboard Status Reporting Disabled IMAGEs Radio	2007	NASA	0
356	NASA-LLIS-1807	Lessons Learned Inheritance Review of the Mars Phoenix Flight System	2007	NASA	0
357	NASA-LLIS-1796	Lessons Learned - MRO Waveguide Transfer Switch Anomaly	2007	NASA	0
358	NASA-LLIS-1777	Lessons Learned - COPV Propellant Tank Failure on the Dawn Spacecraft	2007	NASA	0
359	NASA-LLIS-1795	Lessons Learned - NASA Mishap Investigation Report Review, application to LRO and LCROSS	2007	NASA	0
360	NASA-LLIS-1781	Lessons Learned - Verify the Proper Performance of Critical Backups	2007	NASA	0
361	NASA-LLIS-1779	Lessons Learned - Power Outage	2007	NASA	0
362	NASA-LLIS-1793	Lessons Learned - Project Management: Misaligned Project Support Organizations	2007	NASA	0
363	NASA-LLIS-1780	Lessons Learned - How to Plan and Manage Project Reserves	2007	NASA	0
364	NASA-LLIS-1803	Lessons Learned CSAM Augments X-Ray Inspection of Die Attach (MRO Ka-Band Anomaly)	2007	NASA	0
365	NASA-LLIS-1804	Lessons Learned Design and Analysis of Electronic Circuits for Worst Case Environments and Part Variations	2007	NASA	0
366	NASA-LLIS-1805	Lessons Learned Mars Global Surveyor (MGS) Spacecraft Loss of Contact	2007	NASA	0
367	NASA-LLIS-1797	Lessons Learned Mars Exploration Rover Project: Stealing Success From the Jaws of Failure	2007	NASA	0
368	NASA-LLIS-1721	Lessons Learned - Emergency Pre-planning System	2006	NASA	0
369	NASA-LLIS-1770	Lessons Learned - Grandfathering of Evolving Consensus Codes	2006	NASA	0
370	NASA-LLIS-1756	Lessons Learned EMC Test Configuration per MIL-STD May Fry Switch-Mode Power Supply	2006	NASA	0
371	NASA-LLIS-1743	Lessons Learned Mitigating the Risk of Single String Spacecraft Architecture	2006	NASA	0
372	NASA-LLIS-1717	Lessons Learned Process Control of Floor Level Procedures	2006	NASA	0
373	NASA-LLIS-1719	Lessons Learned - Need for Change Analysis to Adjust Scope/Adequacy of Procedural Cautions and Warnings	2006	NASA	0

374	NASA-LLIS-1766	Lessons Learned - Use of oil immersion heaters in combustible liquid storage tanks	2006	NASA	0
375	NASA-LLIS-1764	Lessons Learned Critical Facilities Maintenance Assessment	2006	NASA	0
376	NASA-LLIS-1800	Lessons Learned Node 2 Oxygen System Test: Process	2006	NASA	0
377	NASA-LLIS-1840	Lessons Learned - CALIPSO Avalanche Photodiode (APD) Detector Assembly Electrical Failure	2006	NASA	0
378	NASA-LLIS-1765	Lessons Learned - Managing Rover-Orbiter Relay Link Prediction Variability	2006	NASA	0
379	NASA-LLIS-1734	Lessons Learned Antenna Pole Failure	2006	NASA	0
380	NASA-LLIS-1573	Lessons Learned Sub-project Management Authority	2006	NASA	0
381	NASA-LLIS-1839	Lessons Learned - Laser Beam Expander Optics (BEO) Structural Failure	2006	NASA	0
382	NASA-LLIS-1728	Lessons Learned Space Shuttle - Designing Environments Tests for Sustainability	2006	NASA	0
383	NASA-LLIS-1727	Lessons Learned - Diffusion Confusion: Achieving Process Control Given Complex Networks of Suppliers (Video Lesson)	2006	NASA	0
384	NASA-LLIS-1758	Lessons Learned Communicate Departures From Standard Operating Conditions (Video Lesson)	2006	NASA	0
385	NASA-LLIS-1554	Lessons Learned AATT Project	2006	NASA	0
386	NASA-LLIS-1725	Lessons Learned - Control Blow-By From Pyrotechnic Devices (2006)	2006	NASA	0
387	NASA-LLIS-1771	Lessons Learned - Ensure That Items Separated In Flight Will Not Collide	2006	NASA	0
388	NASA-LLIS-1757	Lessons Learned Electrical conduit mistaken for pneumatic tube	2006	NASA	0
389	NASA-LLIS-1772	Lessons Learned - Know How Your Software Measurement Data Will Be Used	2006	NASA	0
390	NASA-LLIS-1760	Lessons Learned Process Control to Prevent Incorrect Assembly (Video Lesson)	2006	NASA	0
391	NASA-LLIS-1732	Lessons Learned Forklift load test	2006	NASA	0
392	NASA-LLIS-1759	Lessons Learned Process Control: Ensuring Suppliers Understand Specs (Video Lesson)	2006	NASA	0
393	NASA-LLIS-1533	Lessons Learned - Securing Antennae for Homing Radio Beacon Transmitters	2005	NASA	0
394	NASA-LLIS-1582	Lessons Learned - Altered Explosive Initiator Causes Damage - 4-8-05	2005	NASA	0
395	NASA-LLIS-1622	Lessons Learned Aircraft Impacted By an Unsecured/Pressurized GN2 Hose	2005	NASA	0
396	NASA-LLIS-1713	Lessons Learned - Simulate the Launch Site RF Configuration During I&T	2005	NASA	0
397	NASA-LLIS-1563	Lessons Learned Cost Estimating: Indirect Private Industry Costs of Space Missions	2005	NASA	0

398	NASA-LLIS-1577	Lessons Learned - Uninterruptible Power Supply (UPS) Hazards	2005	NASA	0
399	NASA-LLIS-1571	Lessons Learned Streamlining and Standardizing Project Planning Documents (prepared during formulation and into implementation phases)	2005	NASA	0
400	NASA-LLIS-1592	Lessons Learned Pointing System	2005	NASA	0
401	NASA-LLIS-1614	Lessons Learned - Systems Engineering: Functional Performance Verification	2005	NASA	0
402	NASA-LLIS-1534	Lessons Learned - Excessive Slack in the Retention Line of the Main Rocket Recovery Parachute	2005	NASA	0
403	NASA-LLIS-1555	Lessons Learned - External Relations, Customers, Tech Transfer	2005	NASA	0
404	NASA-LLIS-1525	Lessons Learned - Problems Associated With the Use of a Dynamic Inversion Controller in Conjunction With an Adaptive Neural Network in the Presence of Surface Failures	2005	NASA	0
405	NASA-LLIS-1594	Lessons Learned - Data Compressibility	2005	NASA	0
406	NASA-LLIS-1578	Lessons Learned - Hot Work Permits	2005	NASA	0
407	NASA-LLIS-1606	Lessons Learned - Risk Management: Balancing Domain Expertise Between NASA and Contractor	2005	NASA	0
408	NASA-LLIS-1711	Lessons Learned - Deep Impact Reiterates the Need for Peer Review and Contractor Oversight (2005)	2005	NASA	0
409	NASA-LLIS-1626	Lessons Learned - X-43A Rudder/Wing Impact Mishap Investigation Lessons Learned	2005	NASA	0
410	NASA-LLIS-1612	Lessons Learned - Cost Estimating: Assessing the Human Capital and Facilities Required for New Moon-Mars Missions	2005	NASA	0
411	NASA-LLIS-1623	Lessons Learned Review of Government-Industry Data Exchange Program (GIDEP) reports and NASA Advisories	2005	NASA	0
412	NASA-LLIS-1602	Lessons Learned - Fin Actuator System (FAS) Redesign Implementation/Spares	2005	NASA	0
413	NASA-LLIS-1531	Lessons Learned - Indication of Post-Launch Degradation of the Downlink Signal due to Feedthrough (2003)	2005	NASA	0
414	NASA-LLIS-1561	Lessons Learned Management Reviews, Reporting and Technical Publications	2005	NASA	0
415	NASA-LLIS-1625	Lessons Learned - Flyable Storage Aircraft Maintenance Procedures	2005	NASA	0
416	NASA-LLIS-1611	Lessons Learned - Risk Management: Limited Value of Paper Studies and Projects Not Reaching Their Full Life Cycle	2005	NASA	0
417	NASA-LLIS-1620	Lessons Learned Deep Impact Reiterates the Need for Peer Review and Contractor Oversight	2005	NASA	0
418	NASA-LLIS-1553	Lessons Learned Sub-project Management Authority	2005	NASA	0
419	NASA-LLIS-1532	Lessons Learned - Space vs. Ground Ambient, Which Environment is More Severe? (2002)	2005	NASA	0
420	NASA-LLIS-1517	Lessons Learned - Test Stand E-1 Mishap	2005	NASA	0
421	NASA-LLIS-1576	Lessons Learned - Preservation of Evidence	2005	NASA	0

422	NASA-LLIS-1603	Lessons Learned - Digital Logic Device Latch-up	2005	NASA	0
423	NASA-LLIS-1569	Lessons Learned Lack of Project-level Reserves	2005	NASA	0
424	NASA-LLIS-1621	Lessons Learned Protection of Rocket Chamber Pressure Transducer Sensing Port	2005	NASA	0
425	NASA-LLIS-1591	Lessons Learned - Requirements Development	2005	NASA	0
426	NASA-LLIS-1593	Lessons Learned - Attitude Determining Sensors	2005	NASA	0
427	NASA-LLIS-1570	Lessons Learned In-House vs. Out-of-House Staffing Mix	2005	NASA	0
428	NASA-LLIS-1613	Lessons Learned - System Safety and Mission Assurance: Adequate Human Factors and Crew Training for Space Missions	2005	NASA	0
429	NASA-LLIS-1627	Lessons Learned - Aircraft impact by crew entry/maintenance stand Mishap Investigation	2005	NASA	0
430	NASA-LLIS-1562	Lessons Learned Earned-Value Management	2005	NASA	0
431	NASA-LLIS-1712	Lessons Learned - If You Dont Understand an Environment, Provide Well-Margined Capabilities to Encompass the Worst Case	2005	NASA	0
432	NASA-LLIS-1583	Lessons Learned - Project Management Status Reporting	2005	NASA	0
433	NASA-LLIS-1616	Lessons Learned - Knowledge Management: Distribution of Information in Complex Originations	2005	NASA	0
434	NASA-LLIS-1598	Lessons Learned Manage Reaction Wheels as a Limited Spacecraft Resource (2002)	2005	NASA	0
435	NASA-LLIS-1557	Lessons Learned - Management Reviews, Reporting and Technical Publications	2005	NASA	0
436	NASA-LLIS-1550	Lessons Learned - Streamlining and Standardizing Project Planning Documents (prepared during formulation and into implementation phases)	2005	NASA	0
437	NASA-LLIS-1597	Lessons Learned - E-2C Wing Scrape Close Call	2005	NASA	0
438	NASA-LLIS-1512	Lessons Learned - Quench Module Insert (QMI) Furnace Type C Thermocouple (TC) Assembly and Testing Lessons Learned	2005	NASA	0
439	NASA-LLIS-1608	Lessons Learned - Fin Actuator System/Guard bands Design in Critical Timing Circuits	2005	NASA	0
440	NASA-LLIS-1566	Lessons Learned External Relations, Customers, and Technology Transfer	2005	NASA	0
441	NASA-LLIS-1617	Lessons Learned Fin Actuator System (FAS)/High Current Transients in Digital Circuits	2005	NASA	0
442	NASA-LLIS-1572	Lessons Learned Lack of Project-Level Reserves	2005	NASA	0
443	NASA-LLIS-1596	Lessons Learned Spatial Scene Requirements and Sampling Rates	2005	NASA	0
444	NASA-LLIS-1615	Lessons Learned - Risk Management: Cascading and Worst Case Events	2005	NASA	0
445	NASA-LLIS-1581	Lessons Learned - Thermal Sensor Installation Failures Remain a Problem	2005	NASA	0

446	NASA-LLIS-1551	Lessons Learned In-House vs. Out-of-House Staffing Mix	2005	NASA	0
447	NASA-LLIS-1715	Lessons Learned - The Pitfalls of "Engineering-by-Presentation" (2005)	2005	NASA	0
448	NASA-LLIS-1564	Lessons Learned Management Reviews, Reporting and Technical Publications	2005	NASA	0
449	NASA-LLIS-1556	Lessons Learned - Earned Value Management	2005	NASA	0
450	NASA-LLIS-1595	Lessons Learned - Interferometer Design	2005	NASA	0
451	NASA-LLIS-1565	Lessons Learned Earned-Value Management	2005	NASA	0
452	NASA-LLIS-1607	Lessons Learned - Fin Actuator System/Hinge Torque and Output Transistor Failure	2005	NASA	0
453	NASA-LLIS-1579	Lessons Learned - Decommissioning of Buildings	2005	NASA	0
454	NASA-LLIS-1494	Lessons Learned - Natural Environment Design Requirements for a Program: Control and Single Focus Contact	2005	NASA	0
455	NASA-LLIS-1558	Lessons Learned Cost Estimating: Indirect private industry costs of space missions	2005	NASA	0
456	NASA-LLIS-1580	Lessons Learned - This document contains lessons learned from the NOAA-N Prime mishap which occurred at Lockheed Martin Space Systems Company in Sunnyvale, CA on September 6, 2003.	2005	NASA	0
457	NASA-LLIS-1609	Lessons Learned - Fin Actuator System/Logic Circuit Separation from High Current	2005	NASA	0
458	NASA-LLIS-1574	Lessons Learned Stability of Project Technical Content/Focus and Milestone Creep	2005	NASA	0
459	NASA-LLIS-1600	Lessons Learned X-45A J-UCAS Hot Refueling System Safety Engineering Analysis (SSEA) (USAF)	2005	NASA	0
460	NASA-LLIS-1739	Lessons Learned Thermal Sensor Installation Failures Remain a Problem (2003)	2005	NASA	0
461	NASA-LLIS-1599	Lessons Learned - Effects of Pressure Port Surface Irregularities on Flush Air Data System Measurement	2005	NASA	0
462	NASA-LLIS-1520	Lessons Learned - Check Testbed Health Before Beginning or Resuming Flight System Test (2003)	2005	NASA	0
463	NASA-LLIS-1567	Lessons Learned Stability of Project Technical Content/Focus and Milestone Creep	2005	NASA	0
464	NASA-LLIS-1618	Lessons Learned - Design Circuits to Facilitate Pre-I&T Inspection (2002)	2005	NASA	0
465	NASA-LLIS-1605	Lessons Learned Acquisition Management: Using Competitive Acquisition Mechanisms to Ensure the Quality and Competence of the Contractor	2005	NASA	0
466	NASA-LLIS-1514	Lessons Learned - One Environmental Effect Can Greatly Complicate Solution of Another	2005	NASA	0
467	NASA-LLIS-1601	Lessons Learned - Article damage during testing/Test procedure deviation	2005	NASA	0
468	NASA-LLIS-1575	Lessons Learned Mission Assurance: Oversight/Insight of Contractor Quality Assurance (QA)	2005	NASA	0
469	NASA-LLIS-1530	Lessons Learned - Co-Registration of Optics	2005	NASA	0

470	NASA-LLIS-1552	Lessons Learned Lack of Project-level Reserves	2005	NASA	0
471	NASA-LLIS-1619	Lessons Learned Mate/Demate, Verify, and Document Connectors One-at-a-Time (2003)	2005	NASA	0
472	NASA-LLIS-1560	Lessons Learned Management Reviews, Reporting and Technical Publications	2005	NASA	0
473	NASA-LLIS-1709	Lessons Learned - CHANDRA Flight Note 439: Possible Micrometeoroid Impact (MMI) With Spacecraft	2005	NASA	0
474	NASA-LLIS-1559	Lessons Learned Cost Estimating: Indirect private industry costs of space missions	2005	NASA	0
475	NASA-LLIS-1521	Lessons Learned Uplink Command Errors (A Cornerstone Lesson), 2002	2005	NASA	0
476	NASA-LLIS-1568	Lessons Learned Sub-project Management Authority	2005	NASA	0
477	NASA-LLIS-1624	Lessons Learned - Engine Preservation for Long Term Storage	2005	NASA	0
478	NASA-LLIS-1610	Lessons Learned - Systems Engineering: Balancing the Requirements Between Scientific and Engineering Data	2005	NASA	0
479	NASA-LLIS-1487	Lessons Learned Need for Ground Test Facilities Which Simulate the Flight Environment	2004	NASA	0
480	NASA-GB-8719.13	NASA SOFTWARE SAFETY GUIDEBOOK	2004	NASA	0
481	NASA-LLIS-1481	Lessons Learned Take CM Measures to Control the Renaming and Reuse of Old Command Files (2002)	2004	NASA	0
482	NASA-LLIS-1515	Lessons Learned - Next Generation Launch Technology (NGLT)- Plan for and Adequately Staff the Project Team	2004	NASA	0
483	NASA-LLIS-1394	Lessons Learned Project Management Lessons Learned on a Fast Track Engine Test	2004	NASA	0
484	NASA-LLIS-1402	Lessons Learned - NASA Engineering and Safety Center Consultation on Mars Exploration Rover Entry, Descent and Landing	2004	NASA	0
485	NASA-LLIS-1589	Lessons Learned - Next Generation Launch Technology (NGLT) / Create an Environment That Will Accept ?Bad News? by Management	2004	NASA	0
486	NASA-LLIS-1410	Lessons Learned In-Flight Passivation of Lithium-Based Spacecraft Batteries (2003)	2004	NASA	0
487	NASA-LLIS-1409	Lessons Learned Earned Value Management/"RESULTS OF A NASA KENNEDY SPACE CENTER EARNED VALUE MANAGEMENT PILOT PROJECT"/Project Management	2004	NASA	0
488	NASA-LLIS-1529	Lessons Learned - Ensure Test Monitoring Software Imposes Limits to Prevent Overtest (2003)	2004	NASA	0
489	NASA-LLIS-1421	Lessons Learned Project Management: Training and Development of Project Managers	2004	NASA	0
490	NASA-LLIS-1587	Lessons Learned - Next Generation Launch Technology (NGLT)/A Simple, Clear Management Chain is Critical	2004	NASA	0
491	NASA-LLIS-1528	Lessons Learned - Next Generation Launch Technology (NGLT)/Centralized, Standardized Resources Integration is Critical to Success	2004	NASA	0
492	NASA-LLIS-1513	Lessons Learned - Next Generation Launch Technology (NGLT)- Clearly Define Roles, Responsibilities, and a Common Set of Values	2004	NASA	0
493	NASA-LLIS-1486	Lessons Learned Need for Increased Use of Formal Engineering Reports	2004	NASA	0

494	NASA-LLIS-1716	Lessons Learned - Configuration control of electrical conductors during facilities installations	2004	NASA	0
495	NASA-LLIS-1398	Lessons Learned SWIFT Power Control Board Harness Wire Reversal	2004	NASA	0
496	NASA-LLIS-1406	Lessons Learned Need for Increased Use of Formal Engineering Reports	2004	NASA	0
497	NASA-LLIS-1415	Lessons Learned Duplicate Transmission of Operational Command (2002)	2004	NASA	0
498	NASA-LLIS-1492	Lessons Learned - Standards, Specifications and Processes for Projects with Outside Partners	2004	NASA	0
499	NASA-LLIS-1425	Lessons Learned Project Management: Styles and Tools for Success	2004	NASA	0
500	NASA-LLIS-1485	Lessons Learned The Risk Reduction From "Two-fers" (Multiple Sister Spacecraft) May Outweigh the Incremental Cost (2002)	2004	NASA	0
501	NASA-LLIS-1419	Lessons Learned Resources Management: Construction-of-Facilities (CofF) Projects Under Full Cost Accounting (FCA)	2004	NASA	0
502	NASA-LLIS-1584	Lessons Learned - Next Generation Launch Technology (NGLT)/Proper Government Insight Planning is Required	2004	NASA	0
503	NASA-LLIS-1526	Lessons Learned - Next Generation Launch Technology (NGLT)/Credible, Independent Cost Estimates are Needed Early in a Project	2004	NASA	0
504	NASA-LLIS-1733	Lessons Learned Genesis Sample Return Mishap (2004)	2004	NASA	0
505	NASA-LLIS-1420	Lessons Learned - Project Management: Construction of Facilities Project Pitfalls	2004	NASA	0
506	NASA-LLIS-1408	Lessons Learned Project Termination & Transition	2004	NASA	0
507	NASA-LLIS-1586	Lessons Learned - Next Generation Launch Technology (NGLT)/Early Development of a Systems Engineering Management Plan is Critical	2004	NASA	0
508	NASA-LLIS-1519	Lessons Learned Procure an Adequate Mission Operations Server (2004)	2004	NASA	0
509	NASA-LLIS-1718	Lessons Learned - Facilities Installation and Maintenance Records as Government Property	2004	NASA	0
510	NASA-LLIS-1493	Lessons Learned - Ambiguous Fault Tolerance Requirements	2004	NASA	0
511	NASA-LLIS-1801	Lessons Learned Human Factors Engineering; Acceptance, Implementation, and Verification as a System	2004	NASA	0
512	NASA-LLIS-1390	Lessons Learned Test Telecommunications Links End-to-End, and Dont Forget the Doppler (2000)	2004	NASA	0
513	NASA-LLIS-1416	Lessons Learned Cassini RWA Flight Anomaly Due to Extended Use at Slow Speed (2001)	2004	NASA	0
514	NASA-LLIS-1527	Lessons Learned - Next Generation Launch Technology (NGLT)/Clearly Establish Reserves, Schedule Margin, and Spending Profile Early	2004	NASA	0
515	NASA-LLIS-1407	Lessons Learned Dissimilar Problem Reporting and Corrective Action Databases Complicate Data Mining and Integrated Trending Analysis	2004	NASA	0
516	NASA-LLIS-1585	Lessons Learned - Next Generation Launch Technology (NGLT)/Rigorous Systems Engineering is Needed in Technology Projects	2004	NASA	0
517	NASA-LLIS-1483	Lessons Learned MER Spirit Flash Memory Anomaly (2004)	2004	NASA	0

518	NASA-LLIS-1423	Lessons Learned Elements of the Electroless Nickel Plating Process (SAE-AMS-C-26074)	2004	NASA	0
519	NASA-LLIS-1417	Lessons Learned - Project Management: Effective Project Management Training	2004	NASA	0
520	NASA-LLIS-1524	Lessons Learned - Next Generation Launch Technology (NGLT)/Develop an Integrated Master Schedule in the Formulation Phase	2004	NASA	0
521	NASA-LLIS-1590	Lessons Learned Next Generation Launch Technology (NGLT)/Identify and Track Risks Early and Incorporate into Acquisition Strategy	2004	NASA	0
522	NASA-LLIS-1588	Lessons Learned Next Generation Launch Technology (NGLT)/Middle-Management Integration is a Powerful Tool	2004	NASA	0
523	NASA-LLIS-1523	Lessons Learned - Next Generation Launch Technology (NGLT)/Allow Time for Adequate Project Formulation, Even When Task Appears Low Risk	2004	NASA	0
524	NASA-LLIS-1478	Lessons Learned Use of Hardware Beyond its Qualification and Certification Limits	2004	NASA	0
525	NASA-LLIS-1412	Lessons Learned Plasma Arcs from Pyro Firing May Cause Prolonged NSI Shorts (2003)	2004	NASA	0
526	NASA-LLIS-1411	Lessons Learned Actively Manage Flight Project Risks During the Mission Operations Phase (2000)	2004	NASA	0
527	NASA-LLIS-1403	Lessons Learned - Improvement of Agency-Wide Support Functions are Required to Implement the One NASA Organization	2004	NASA	0
528	NASA-LLIS-1488	Lessons Learned Commercial Off The Shelf (COTS) Digital Signal Processor Experienced Destructive Events as a Result of Ionizing Radiation Testing	2004	NASA	0
529	NASA-LLIS-1395	Lessons Learned Simplified Simulation for Control Validation	2004	NASA	0
530	NASA-LLIS-1516	Lessons Learned - Next Generation Launch Technology (NGLT) - Allow Time for Adequate Project Formulation, Even When Risk Appears Low	2004	NASA	0
531	NASA-LLIS-1422	Lessons Learned Knowledge Management: Collecting, Archiving, and Disseminating Project Results/ Information	2004	NASA	0
532	NASA-LLIS-1482	Lessons Learned Consortium Work Splits	2004	NASA	0
533	NASA-LLIS-1831	Lessons Learned Human Engineering should be considered a Systems Engineering and Integration function	2004	NASA	0
534	NASA-LLIS-1405	Lessons Learned - Benefits of a One NASA Organization in Solving Program and Project Technical Issues	2004	NASA	0
535	NASA-LLIS-1414	Lessons Learned Acquisition Philosophy and Mechanism	2004	NASA	0
536	NASA-LLIS-1480	Lessons Learned Provide In-flight Capability to Modify Mission Plans During All Operations (2004)	2004	NASA	0
537	NASA-LLIS-1418	Lessons Learned - Project Manager Training and Development Program	2004	NASA	0
538	NASA-LLIS-1491	Lessons Learned Thorough Risk Assessment in the Design Phase	2004	NASA	0
539	NASA-LLIS-1389	Lessons Learned Observed Heat/Fire Hazard Due to Soldering Iron Switch Failures	2004	NASA	0
540	NASA-STD-8739.8 W/CHG 1	SOFTWARE ASSURANCE STANDARD - Incorporates Change 1: 5/5/2005	2004	NASA	0

541	NASA-LLIS-1424	Lessons Learned Marketing Project Contributions, Successes and Research Results to Customers and Management (Knowledge Management)	2004	NASA	0
542	NASA-LLIS-1484	Lessons Learned The Mission Operational Design Should Allow for "Down Days" (2004)	2004	NASA	0
543	NASA-LLIS-1404	Lessons Learned - NASA Engineering and Safety Center Consultation on Mars Exploration Rover Ground Operations Human Factors	2004	NASA	0
544	NASA-LLIS-1413	Lessons Learned Dissenting Opinions and Flight Readiness Review (FRR) Process	2004	NASA	0
545	NASA-LLIS-1479	Lessons Learned Lessons Learned from SNOE Reentry	2004	NASA	0
546	NASA-LLIS-1518	Lessons Learned - Early Involvement of Mission Ops is a Key Success Factor	2004	NASA	0
547	NASA-LLIS-1341	Lessons Learned Risk Management: Lack of a Formal Risk Management Plan (RMP) and Process	2003	NASA	0
548	NASA-LLIS-1397	Lessons Learned Space Network (SN) Ka-band Infrastructure - Design, Integration, and Test Issues	2003	NASA	0
549	NASA-LLIS-1452	Lessons Learned - Accident Investigations/Configuration Management (CM)/Personnel Issues	2003	NASA	0
550	NASA-LLIS-1499	Lessons Learned - Orbital Space Plane Centralized Technical Management	2003	NASA	0
551	NASA-LLIS-1462	Lessons Learned Accident Investigations/Investigator Tool Kit/Tape Recorders	2003	NASA	0
552	NASA-LLIS-1336	Lessons Learned - Verify Flight & GSE Cables Against Unit & System Schematics Prior to Test (1998)	2003	NASA	0
553	NASA-LLIS-1364	Lessons Learned Transporting Tools for Overhead Work	2003	NASA	0
554	NASA-LLIS-1387	Lessons Learned Scaffolding Buildup to Include Human Factors Review	2003	NASA	0
555	NASA-LLIS-1435	Lessons Learned Accident Investigations/Procurement of Goods and Services	2003	NASA	0
556	NASA-LLIS-1444	Lessons Learned - Accident Investigations/Information Technology (IT) Capabilities and Planning/Personnel	2003	NASA	0
557	NASA-LLIS-1327	Lessons Learned Complex Procedures Used To Perform Payload Testing	2003	NASA	0
558	NASA-LLIS-1345	Lessons Learned Managing Project Life-cycle and Management Transitions	2003	NASA	0
559	NASA-LLIS-1376	Lessons Learned Certify Environmental Test Equipment and Facilities, and Qualify Operators (2002)	2003	NASA	0
560	NASA-LLIS-1453	Lessons Learned - Accident Investigations/Office Equipment	2003	NASA	0
561	NASA-LLIS-1355	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
562	NASA-LLIS-1510	Lessons Learned - Orbital Space Plane - Operational Design Process	2003	NASA	0
563	NASA-LLIS-1365	Lessons Learned Lock out/Tag out Procedure Not Followed	2003	NASA	0
564	NASA-LLIS-1388	Lessons Learned Considerations for Lifting Hardware (without identified lift points)	2003	NASA	0

565	NASA-LLIS-1505	Lessons Learned - Orbital Space Plane - Design Participation & Rules of Engagement - Teaming - Civil Servant & Contractor Teams	2003	NASA	0
566	NASA-LLIS-1342	Lessons Learned Project Management: Diminishing Budgets, Increasing Overhead and the Cost of Doing Business	2003	NASA	0
567	NASA-LLIS-1497	Lessons Learned - Orbital Space Plane/Development and Planning Documentation	2003	NASA	0
568	NASA-LLIS-1401	Lessons Learned Program and Project Management: Strategic Work Breakdown Structure (WBS)	2003	NASA	0
569	NASA-LLIS-1442	Lessons Learned - Accident Investigations/Department of Justice/Roles in Investigation	2003	NASA	0
570	NASA-LLIS-1339	Lessons Learned Selection of Proper Equipment to Perform Task	2003	NASA	0
571	NASA-LLIS-1362	Lessons Learned Program and Project Management: Customer Relations	2003	NASA	0
572	NASA-LLIS-1385	Lessons Learned Comet Nucleus Tour (CONTOUR) Mishap Investigation	2003	NASA	0
573	NASA-LLIS-1459	Lessons Learned Accident Investigations/Public Affairs Functions	2003	NASA	0
574	NASA-LLIS-1468	Lessons Learned Accident Investigations/Software Tool Selection	2003	NASA	0
575	NASA-LLIS-1396	Lessons Learned Ground Network (GN) Ka-band Ground Terminal - Design, Integration, and Test Issues	2003	NASA	0
576	NASA-LLIS-1471	Lessons Learned Accident Investigations/Formulation of an E-mail Retention and Archival Policy for an Independent Investigation	2003	NASA	0
577	NASA-LLIS-1361	Lessons Learned Expanding the Personal Protection Envelope	2003	NASA	0
578	NASA-LLIS-1496	Lessons Learned - Orbital Space Plane Inter-Program Relationships and Dependencies	2003	NASA	0
579	NASA-LLIS-1477	Lessons Learned Accident Investigations/Minutes Taking Support to Board	2003	NASA	0
580	NASA-LLIS-1450	Lessons Learned - Accident Investigations/Action Request System	2003	NASA	0
581	NASA-LLIS-1522	Lessons Learned - Orbital Space Plane/Technical Standards & Documents	2003	NASA	0
582	NASA-LLIS-1506	Lessons Learned - Orbital Space Plane - Technical Standards & Documents	2003	NASA	0
583	NASA-LLIS-1352	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
584	NASA-LLIS-1380	Lessons Learned Druck Pressure Transducer, Model No. PDCR 130/W/C, Failure	2003	NASA	0
585	NASA-LLIS-1451	Lessons Learned - Accident Investigations/Configuration Management of Data	2003	NASA	0
586	NASA-LLIS-1386	Lessons Learned Use of ErgoMaster™ software	2003	NASA	0
587	NASA-LLIS-1363	Lessons Learned Risk Management (RM): The Use of Formal Versus Informal Methods	2003	NASA	0
588	NASA-LLIS-1489	Lessons Learned Instrument Simulators/Engineering Models	2003	NASA	0

589	NASA-LLIS-1507	Lessons Learned - Orbital Space Plane Budget and Schedule Risk	2003	NASA	0
590	NASA-LLIS-1353	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
591	NASA-LLIS-1354	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
592	NASA-LLIS-1509	Lessons Learned - Orbital Space Plane - Engineers as Smart Buyers	2003	NASA	0
593	NASA-LLIS-1490	Lessons Learned SAGE III/Contamination Control/Test Facilities	2003	NASA	0
594	NASA-LLIS-1383	Lessons Learned Autoclave Purge Blower Failure	2003	NASA	0
595	NASA-LLIS-1443	Lessons Learned - Accident Investigations/Information Technology (IT) Capabilities and Planning	2003	NASA	0
596	NASA-LLIS-1433	Lessons Learned - Accident Investigations/Transition Process from NASA-led to Independent Board-led Investigation	2003	NASA	0
597	NASA-LLIS-1461	Lessons Learned Accident Investigations/Investigator Tool Kit/Digital Cameras	2003	NASA	0
598	NASA-LLIS-1343	Lessons Learned Acquisition Management: Grants vs. Contracts	2003	NASA	0
599	NASA-LLIS-1498	Lessons Learned - Orbital Space Plane Organizational Design	2003	NASA	0
600	NASA-LLIS-1348	Lessons Learned ADEOS-II NASA Ground Network (NGN) Development and Early Operations - Management of System Components	2003	NASA	0
601	NASA-LLIS-1473	Lessons Learned Accident Investigations/Document Management and Tracking	2003	NASA	0
602	NASA-LLIS-1446	Lessons Learned Accident Investigations/Database/Collaborative Tool PBMA (Process Based Mission Assurance)	2003	NASA	0
603	NASA-LLIS-1455	Lessons Learned - Accident Investigations/Facilities Management	2003	NASA	0
604	NASA-LLIS-1438	Lessons Learned Accident Investigations/Background Information	2003	NASA	0
605	NASA-LLIS-1357	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
606	NASA-LLIS-1440	Lessons Learned - Accident Investigations/Contingency Action Plan/Personnel Planning	2003	NASA	0
607	NASA-LLIS-1335	Lessons Learned Ensure Test Facilities Can Accommodate "Test-as-You-Fly" (2002)	2003	NASA	0
608	NASA-LLIS-1427	Lessons Learned Unintentional Operation of Fiber Optic Cable Cutter (2003)	2003	NASA	0
609	NASA-LLIS-1714	Lessons Learned Uninhabited Aerial Vehicle (UAV), Flight Test Operations, Accident Investigation	2003	NASA	0
610	NASA-LLIS-1466	Lessons Learned Accident Investigations/Software Tool Selection	2003	NASA	0
611	NASA-LLIS-1366	Lessons Learned Risk Management: Lack of a Formal Proposal or New Business Case Review Process	2003	NASA	0
612	NASA-LLIS-1439	Lessons Learned Accident Investigations/Contingency Action Plan/Personnel Planning	2003	NASA	0

613	NASA-LLIS-1502	Lessons Learned - Orbital Space Plane Crew Survival and Human Rating	2003	NASA	0
614	NASA-LLIS-1349	Lessons Learned ADEOS-II L0 Data Gap Introduction Problem	2003	NASA	0
615	NASA-LLIS-1319	Lessons Learned International Space Station (ISS) Program/Microgravity Science Glovebox (MSG)/ Solidification Using a Baffled Sample Ampoule (SUBSA) Investigation Eurotherm Controller Anomaly	2003	NASA	0
616	NASA-LLIS-1447	Lessons Learned - Accident Investigations/Database/Collaborative Tool PBMA (Process Based Mission Assurance)	2003	NASA	0
617	NASA-LLIS-1511	Lessons Learned - Orbital Space Plane - Deemphasis of Safety	2003	NASA	0
618	NASA-LLIS-1472	Lessons Learned Accident Investigations/Off-site Storage of Investigative Data and Evidence	2003	NASA	0
619	NASA-LLIS-1445	Lessons Learned - Accident Investigations/Database/Collaborative Tool PBMA (Process Based Mission Assurance)	2003	NASA	0
620	NASA-LLIS-1392	Lessons Learned Design and Operational Control Considerations for Steam Systems	2003	NASA	0
621	NASA-LLIS-1500	Lessons Learned - Orbital Space Plane Risk Driven Management	2003	NASA	0
622	NASA-LLIS-1347	Lessons Learned ADEOS-II NASA Ground Network (NGN) Development and Early Operations - System Components Re-Use	2003	NASA	0
623	NASA-LLIS-1463	Lessons Learned Accident Investigations/Information Technology (IT) Support Requirements for Major Mishap Investigation	2003	NASA	0
624	NASA-LLIS-1436	Lessons Learned - Accident Investigations/Alignment with NASA Investigative Working Groups	2003	NASA	0
625	NASA-LLIS-1337	Lessons Learned Pressurized Can Causes Car Damage	2003	NASA	0
626	NASA-LLIS-1434	Lessons Learned Accident Investigations/Transition Process/Integration Functions	2003	NASA	0
627	NASA-LLIS-1454	Lessons Learned - Accident Investigations/Security Clearance Transfers	2003	NASA	0
628	NASA-LLIS-1356	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
629	NASA-LLIS-1501	Lessons Learned - Orbital Space Plane - Stay true to the process!	2003	NASA	0
630	NASA-LLIS-1464	Lessons Learned Accident Investigations/Information Technology (IT) Security Constraints and Policy Governing IT system support to Major Mishap Investigations.	2003	NASA	0
631	NASA-LLIS-1334	Lessons Learned Cleanliness of Diaphragm Propellant Tanks (2000)	2003	NASA	0
632	NASA-LLIS-1508	Lessons Learned - Orbital Space Plane - Credibility in Cost & Schedule Estimating - Tools & Models	2003	NASA	0
633	NASA-LLIS-1437	Lessons Learned Accident Investigations/Contingency Action Plan(s)/Supporting Organizations	2003	NASA	0
634	NASA-LLIS-1330	Lessons Learned Space Charging of Composite Structures	2003	NASA	0
635	NASA-LLIS-1474	Lessons Learned Accident Investigations/Public Inputs to the Investigation/Utilization of a Public Website & Toll-Free Number	2003	NASA	0
636	NASA-LLIS-1369	Lessons Learned Functional Failures of Electrical Circuit Breaker Lock Out/Tag Out (LOTO) Devices	2003	NASA	0

637	NASA-LLIS-1400	Lessons Learned Resources Management: Resource Loading	2003	NASA	0
638	NASA-LLIS-1391	Lessons Learned Detection of Steam Pipe Wall Thinning Due to Corrosion	2003	NASA	0
639	NASA-LLIS-1344	Lessons Learned - Resources Management: Cost Estimates	2003	NASA	0
640	NASA-LLIS-1456	Lessons Learned Accident Investigations/Facilities Management/Telephone & Video Conferencing Capability	2003	NASA	0
641	NASA-LLIS-1372	Lessons Learned Prevent Ground Straps from Contacting Power Sources (2002)	2003	NASA	0
642	NASA-LLIS-1358	Lessons Learned Current Limitation is Necessary for All Uses of Power Supplies (2002)	2003	NASA	0
643	NASA-LLIS-1469	Lessons Learned Accident Investigations/Independent Server/Local Area Network (LAN) for Investigation Support	2003	NASA	0
644	NASA-LLIS-1460	Lessons Learned Accident Investigations/Public Hearings	2003	NASA	0
645	NASA-LLIS-1350	Lessons Learned ADEOS-II NGN L0 Data Gap Introduction Problem	2003	NASA	0
646	NASA-LLIS-1467	Lessons Learned Accident Investigations/Software Tool Selection	2003	NASA	0
647	NASA-LLIS-1503	Lessons Learned - Orbital Space Plane - Communication	2003	NASA	0
648	NASA-LLIS-1448	Lessons Learned - Accident Investigations/Information Technology and Database Security	2003	NASA	0
649	NASA-LLIS-1475	Lessons Learned Accident Investigations/Investigation Organizer (IO)/IO Utilization for Major Mishap Investigations	2003	NASA	0
650	NASA-LLIS-1449	Lessons Learned - Accident Investigations/Action Request System	2003	NASA	0
651	NASA-LLIS-1476	Lessons Learned Accident Investigations/Investigation Organizer (IO)/IO Standard and Ad Hoc Report Capability	2003	NASA	0
652	NASA-LLIS-1351	Lessons Learned ADEOS-II L0 Data Gap Introduction Problem	2003	NASA	0
653	NASA-LLIS-1504	Lessons Learned - Orbital Space Plane - Technical Rigor & Integrity	2003	NASA	0
654	NASA-LLIS-1371	Lessons Learned Shipping Container Susceptibility to ESD Charging (2002)	2003	NASA	0
655	NASA-LLIS-1346	Lessons Learned ADEOS-II NASA Ground Network (NGN) Development and Early Operations -- Central/Standard Autonomous File Server (CSAFS/SAFS) Lessons Learned	2003	NASA	0
656	NASA-LLIS-1384	Lessons Learned Kennedy Space Center (KSC) Projects and Resources Online (KPRO) Software Development and Implementation	2003	NASA	0
657	NASA-LLIS-1458	Lessons Learned - Accident Investigations/Recorders	2003	NASA	0
658	NASA-LLIS-1457	Lessons Learned - Accident Investigations/Archiving of Data & Library Requirements	2003	NASA	0
659	NASA-LLIS-1441	Lessons Learned - Accident Investigations/Aerospace Safety Advisory Panel (ASAP)/National Transportation and Safety Board (NTSB) Roles in Investigation	2003	NASA	0
660	NASA-LLIS-1382	Lessons Learned Chemical Overexposure During Thermal Vacuum Cleaning	2003	NASA	0

661	NASA-LLIS-1393	Lessons Learned Planning for Failure in High Risk Systems	2003	NASA	0
662	NASA-LLIS-1495	Lessons Learned - Next Generation Launch Technology (NGLT): Establish an Early Link Between Systems Engineering & Analysis and Technology Projects	2003	NASA	0
663	NASA-LLIS-1465	Lessons Learned Accident Investigations/Web-based Mishap Investigation Support System (MISS) Hardware and Software Infrastructure	2003	NASA	0
664	NASA-LLIS-1360	Lessons Learned Unrestrained Separation Nuts May Damage or Hinder Flight Hardware (2002)	2003	NASA	0
665	NASA-LLIS-1399	Lessons Learned Program and Project Management: Center-to-Center Relations	2003	NASA	0
666	NASA-LLIS-1470	Lessons Learned - Accident Investigations/Document Management, Retention, and Archival Policy for an Independent Investigation	2003	NASA	0
667	NASA-LLIS-1373	Lessons Learned Construction Safety	2002	NASA	0
668	NASA-LLIS-1368	Lessons Learned Implementation and Verification of Lockout/Tagout Procedures	2002	NASA	0
669	NASA-LLIS-1239	Lessons Learned - Space Shuttle Program/Shuttle System Upgrades/Cockpit Avionics Upgrade	2002	NASA	0
670	NASA-LLIS-1259	Lessons Learned - Safely Storing and Disposing of Chemical Waste	2002	NASA	0
671	NASA-LLIS-1301	Lessons Learned Science Team Role on PI-mode Missions	2002	NASA	0
672	NASA-LLIS-1311	Lessons Learned Risk Management	2002	NASA	0
673	NASA-LLIS-1290	Lessons Learned - Risk Reduction by Using Scale Versus Full Size Flight Vehicles in Technology Demonstration Projects	2002	NASA	0
674	NASA-LLIS-1246	Lessons Learned International Space Station/Damage Control/Fire and Depressurization Hazards	2002	NASA	0
675	NASA-LLIS-1247	Lessons Learned International Space Station/Caution and Warning Alerts/Inhibits	2002	NASA	0
676	NASA-LLIS-1276	Lessons Learned Independent Peer Reviews	2002	NASA	0
677	NASA-LLIS-1291	Lessons Learned - Use Industry Business Practices Where They Have Proven Successful, Cost Effective, and Conducive to Early Problem Resolution and Ultimate Project Success	2002	NASA	0
678	NASA-LLIS-1302	Lessons Learned Science Data Analysis Program	2002	NASA	0
679	NASA-LLIS-1326	Lessons Learned Lessons Learned Not Being Inputted Into Lessons Learned Information System (LLIS) Database	2002	NASA	0
680	NASA-LLIS-1321	Lessons Learned Risk Assessment in Software Development Projects	2002	NASA	0
681	NASA-LLIS-1379	Lessons Learned Securing of Mishap Scene, Evidence, and Witnesses	2002	NASA	0
682	NASA-LLIS-1266	Lessons Learned When Maximum Load Limits are Exceeded, Testing Should be Terminated Until it is Proven Safe to Continue	2002	NASA	0
683	NASA-LLIS-1282	Lessons Learned Project Management: Changing Workforce Requirements	2002	NASA	0
684	NASA-LLIS-1281	Lessons Learned Project Management: Integrating and Managing Reviews	2002	NASA	0

685	NASA-LLIS-1265	Lessons Learned Procedures Should Not be the Only Method to Control an Undesired Condition That Could Lead to a Catastrophic Failure	2002	NASA	0
686	NASA-LLIS-1331	Lessons Learned Critical Testing of Computer Systems Hardware During Buildup	2002	NASA	0
687	NASA-LLIS-1370	Lessons Learned Lessons Learned From Flights of "Off the Shelf" Aviation Navigation Units on the Space Shuttle, GPS	2002	NASA	0
688	NASA-LLIS-1325	Lessons Learned Payload Developer (PD) Offline Activities During Rack Processing	2002	NASA	0
689	NASA-LLIS-1245	Lessons Learned Space Shuttle Program/Orbiter Major Modifications/Management Issues	2002	NASA	0
690	NASA-LLIS-1238	Lessons Learned - Mishap Investigation Boards (MIBs)/MIB Policy and Procedures/Human Factors Expertise on MIBs	2002	NASA	0
691	NASA-LLIS-1428	Lessons Learned Potential Hazard from Vent, Drain, and Relief Lines (2002)	2002	NASA	0
692	NASA-LLIS-1320	Lessons Learned Incorporating Novice Users in Software Development	2002	NASA	0
693	NASA-LLIS-1145	Lessons Learned - Pegasus Expendable Launch Vehicle In-Flight Anomaly	2002	NASA	0
694	NASA-LLIS-1378	Lessons Learned Implementation and Verification of Lockout/Tagout Procedures	2002	NASA	0
695	NASA-LLIS-1429	Lessons Learned Potential Hazard from Cooling Tower Fans (2002)	2002	NASA	0
696	NASA-LLIS-1289	Lessons Learned Managing Human Resources in Projects Where Each Individual is Multi-tasked, Frequently Required to Work Overtime, is One-deep in Skills and Specialization, and is Required to Have a Security Clearance	2002	NASA	0
697	NASA-LLIS-1310	Lessons Learned NASA/MSFC Army Vortex Chamber Test Incident	2002	NASA	0
698	NASA-LLIS-1367	Lessons Learned Scope of Safety Analysis	2002	NASA	0
699	NASA-LLIS-1244	Lessons Learned Space Shuttle Program/Orbiter Major Modifications/Systems Safety Modifications	2002	NASA	0
700	NASA-LLIS-1324	Lessons Learned Potential Payload Test and Checkout System (PTCS) Impact Due to Scheduling Conflicts of Hardware	2002	NASA	0
701	NASA-LLIS-1338	Lessons Learned - Stennis Space Center Near-Miss/Ground Support Equipment	2002	NASA	0
702	NASA-LLIS-1273	Lessons Learned UTMC UT69R000 known problems	2002	NASA	0
703	NASA-LLIS-1234	Lessons Learned - Closure of NASA Facilities/Life-Cycle Analysis	2002	NASA	0
704	NASA-LLIS-1318	Lessons Learned Scaffold Incident	2002	NASA	0
705	NASA-LLIS-1307	Lessons Learned Satellite Simulator	2002	NASA	0
706	NASA-LLIS-1308	Lessons Learned Heritage Hardware and Software	2002	NASA	0
707	NASA-LLIS-1287	Lessons Learned - Program Managements Lead Role in the Projects Risk Management Process	2002	NASA	0
708	NASA-LLIS-1190	Lessons Learned - Need Access to Designs for NASA Spacecraft	2002	NASA	0

709	NASA-LLIS-1233	Lessons Learned - Space Shuttle Program/Infrastructure/Deterioration	2002	NASA	0
710	NASA-LLIS-1317	Lessons Learned ESD: An Enduring and Insidious Threat to Flight Hardware (A Cornerstone Lesson)	2002	NASA	0
711	NASA-LLIS-1299	Lessons Learned System Error Budget	2002	NASA	0
712	NASA-LLIS-1197	Lessons Learned Deep Space 2 Telecom Hardware-Software Interaction (1999)	2002	NASA	0
713	NASA-LLIS-1298	Lessons Learned Systems Requirement Flow	2002	NASA	0
714	NASA-LLIS-1263	Lessons Learned Sting Deflections Contributed to Model Failure	2002	NASA	0
715	NASA-LLIS-1328	Lessons Learned Incorrect Flight Hardware Labeling Causes Potential Human Performance Errors	2002	NASA	0
716	NASA-LLIS-1093	Lessons Learned - Manufacturing one-of-a-kind or cutting edge technology	2002	NASA	0
717	NASA-LLIS-1300	Lessons Learned Review Test Procedure for Circuit Voltage Compatibility (2000)	2002	NASA	0
718	NASA-LLIS-1236	Lessons Learned - Space Shuttle and International Space Station/Workforce/Critical Skills Availability	2002	NASA	0
719	NASA-LLIS-1309	Lessons Learned Pedestrians and Forklifts	2002	NASA	0
720	NASA-LLIS-1296	Lessons Learned Risk Management System	2002	NASA	0
721	NASA-LLIS-1094	Lessons Learned Partnering with outside agencies or entities	2002	NASA	0
722	NASA-LLIS-1323	Lessons Learned Interface Control Document (ICD) Violations by Payload Developer	2002	NASA	0
723	NASA-LLIS-1288	Lessons Learned Cost/schedule Optimization and Risk Reduction by Developing Two Independent Fully Functional Flight Vehicles with Limited Redundancy	2002	NASA	0
724	NASA-LLIS-1283	Lessons Learned Project Management: Management Capability and Competency	2002	NASA	0
725	NASA-LLIS-1329	Lessons Learned Enhance the Communications Between Payload Developer and ISS Crew During Troubleshooting Phases	2002	NASA	0
726	NASA-LLIS-1264	Lessons Learned A Thorough Understanding of Model Mount (sting, arc sector, etc) Design Loads is Required by All Key Test Personnel	2002	NASA	0
727	NASA-LLIS-1377	Lessons Learned Learjet Landing Mishap	2002	NASA	0
728	NASA-LLIS-1332	Lessons Learned - Allow for More Flexibility of ISS Protocols During Troubleshooting Phases	2002	NASA	0
729	NASA-LLIS-1315	Lessons Learned Increasing ESD Susceptibility of Integrated Circuits (2002)	2002	NASA	0
730	NASA-LLIS-1375	Lessons Learned Demand and Ensure High-Quality Safety Performance from all Contractors	2002	NASA	0
731	NASA-LLIS-1231	Lessons Learned - Space Shuttle & International Space Station/Inadequate Budget Levels	2002	NASA	0
732	NASA-LLIS-1249	Lessons Learned Orbital Debris Project/Funding Issues	2002	NASA	0

733	NASA-LLIS-1279	Lessons Learned Technology Transfer	2002	NASA	0
734	NASA-LLIS-1241	Lessons Learned - Space Shuttle Program/Orbiter Wiring Inspections/Redundant Wiring	2002	NASA	0
735	NASA-LLIS-1211	Lessons Learned - Establishing formal handling, packaging, and shipping processes	2002	NASA	0
736	NASA-LLIS-1237	Lessons Learned Mishap Investigation Boards (MIBs)/MIB Policy and Procedures/Classification of Mishaps	2002	NASA	0
737	NASA-LLIS-1262	Lessons Learned Pre-test Analysis Considered Only Static Loads, but Dynamic Loads Were Thought to Contribute to the Mishap	2002	NASA	0
738	NASA-LLIS-1297	Lessons Learned On-Line Project Library	2002	NASA	0
739	NASA-LLIS-1235	Lessons Learned Space Shuttle Program/Competitive Sourcing/Safety Implications	2002	NASA	0
740	NASA-LLIS-1292	Lessons Learned Cost Estimates for Flight Test Vehicles Based on Technological Complexity Versus Weight	2002	NASA	0
741	NASA-LLIS-1359	Lessons Learned Chandra Silverized Teflon/Multilayer Insulation (MLI) Degradation Analysis	2002	NASA	0
742	NASA-LLIS-1179	Lessons Learned - Laser Altimiter/Configuration change	2002	NASA	0
743	NASA-LLIS-1202	Lessons Learned Vibration-Induced Failures of Electronic Component Leads as a Result of Improper Mechanical Packaging Design	2002	NASA	0
744	NASA-LLIS-1295	Lessons Learned Key Personnel Retention After Launch	2002	NASA	0
745	NASA-LLIS-1240	Lessons Learned - International Space Station/Command & Data Handling/System Stability and Control Methods	2002	NASA	0
746	NASA-LLIS-1261	Lessons Learned - Worst-case Conditions Involving Wind Tunnel Test Conditions and Model Configurations Not Properly Identified, Reviewed and Assessed	2002	NASA	0
747	NASA-LLIS-1314	Lessons Learned Minimizing the Governments Risk by Sharing Program Cost and Responsibilities With the Contractor	2002	NASA	0
748	NASA-LLIS-1188	Lessons Learned - Fire Hazard Associated With Battery Backup For Phone System	2002	NASA	0
749	NASA-LLIS-1284	Lessons Learned - Marketing Project Contributions, Successes and Research Results to Customers and Management	2002	NASA	0
750	NASA-LLIS-1304	Lessons Learned Steering Group	2002	NASA	0
751	NASA-LLIS-1268	Lessons Learned Post-Environmental Testing	2002	NASA	0
752	NASA-LLIS-1322	Lessons Learned Communication Challenges	2002	NASA	0
753	NASA-LLIS-1293	Lessons Learned The Effects of the Risk Mitigation Plan Approval and Change Cycle on Minimizing Risk	2002	NASA	0
754	NASA-LLIS-1201	Lessons Learned Flight Hardware Damage Due to Inadequate Test Planning and Insufficient QA Involvement (2001)	2002	NASA	0
755	NASA-LLIS-1312	Lessons Learned The Effects of a Projects Culture on Risk Management Success	2002	NASA	0
756	NASA-LLIS-1374	Lessons Learned Accurate Drawings of Facility Systems as a Prerequisite to Project Implementation	2002	NASA	0

757	NASA-LLIS-1260	Lessons Learned - Discipline Rigor in Routine Processes	2002	NASA	0
758	NASA-LLIS-1248	Lessons Learned Crew Return Vehicle & X-38/Flight Test Program/Funding Issues	2002	NASA	0
759	NASA-LLIS-0722	Lessons Learned Spacecraft Electrical Harness Design Practice	2002	NASA	0
760	NASA-LLIS-1303	Lessons Learned Level-1 Science Requirements	2002	NASA	0
761	NASA-LLIS-1267	Lessons Learned Hazards of Arc Welding Near Electronics (~1985)	2002	NASA	0
762	NASA-LLIS-1195	Lessons Learned Avoid "Single String" Project Staffing (1998)	2002	NASA	0
763	NASA-LLIS-1278	Lessons Learned Manufacturing and Quality Assurance of One-of-a-Kind or Cutting Edge Technology	2002	NASA	0
764	NASA-LLIS-1277	Lessons Learned Ground Support Equipment (GSE) Fault Detection Robustness	2002	NASA	0
765	NASA-LLIS-1313	Lessons Learned Tailoring Project Management Review and Approval Processes Based on Project Requirements	2002	NASA	0
766	NASA-LLIS-1306	Lessons Learned International Memoranda of Understanding	2002	NASA	0
767	NASA-LLIS-1333	Lessons Learned Commercial Off The Shelf (COTS) Electronic Hardware Susceptibility to Radiation	2002	NASA	0
768	NASA-LLIS-1092	Lessons Learned - Project management processes for addressing off-track performance	2002	NASA	0
769	NASA-LLIS-1242	Lessons Learned Space Shuttle Program/Orbiter Engineering Drawings/Outstanding Unincorporated Changes to Drawings	2002	NASA	0
770	NASA-LLIS-1294	Lessons Learned Flight Software Reviews	2002	NASA	0
771	NASA-LLIS-1286	Lessons Learned Co-management of Projects by Non-civil Servants	2002	NASA	0
772	NASA-LLIS-1196	Lessons Learned Test as You Fly, Fly as You Test, and Demonstrate Margin (1998)	2002	NASA	0
773	NASA-LLIS-1218	Lessons Learned Substantial Benefits to Projects from the Use of a Blanket Purchase Agreement for Procurement	2002	NASA	0
774	NASA-LLIS-1243	Lessons Learned - Orbiter project is currently working to reduce the number of outstanding drawing changes. The project is prioritizing the drawing updates based on criticality, complexity, and traffic. The highest priority tile drawings have been complet	2002	NASA	0
775	NASA-LLIS-1250	Lessons Learned Network Security/Reduction of Vulnerabilities/Penetration Exercises	2002	NASA	0
776	NASA-LLIS-1189	Lessons Learned - Cost Savings from Use of Photographic Weld Mapping Techniques	2002	NASA	0
777	NASA-LLIS-1232	Lessons Learned - Space Shuttle/Safety Upgrades/Long-Term Logistics Needs	2002	NASA	0
778	NASA-LLIS-1316	Lessons Learned Mars Exploration Rover (MER) Pyrotechnic Test Damage (2002)	2002	NASA	0
779	NASA-LLIS-1280	Lessons Learned Project Management: Changing Goals and Strategic Planning	2002	NASA	0

780	NASA-LLIS-1180	Lessons Learned - TDRS-H S-Band Multiple Access Antenna Performance Shortfall	2002	NASA	0
781	NASA-LLIS-1305	Lessons Learned Management Reserve Tracking	2002	NASA	0
782	NASA-LLIS-1269	Lessons Learned Website as a Communications Tool	2002	NASA	0
783	NASA-LLIS-1285	Lessons Learned Conflicting Requirements From Multiple Management/Customer Entities	2002	NASA	0
784	NASA-LLIS-0941	Lessons Learned Involve Project Scientists in Critical Decisions Throughout the Project Lifecycle (1999)	2001	NASA	0
785	NASA-LLIS-0971	Lessons Learned - Identification of Market Needs	2001	NASA	0
786	NASA-LLIS-0994	Lessons Learned Respiratory problems from the laying up of fiberglass operation	2001	NASA	0
787	NASA-LLIS-1203	Lessons Learned Ensuring Effective Working Interfaces With Team Members	2001	NASA	0
788	NASA-LLIS-0991	Lessons Learned Planning and Conduct of Hazardous Tests Require Extra Precautions (2000-2001)	2001	NASA	0
789	NASA-LLIS-0932	Lessons Learned Configuration Control for Underground Utilities	2001	NASA	0
790	NASA-LLIS-1254	Lessons Learned - Inadvertent Activation of a Flight Termination System on an Army Owned Missile	2001	NASA	0
791	NASA-LLIS-0950	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Addition of Radial Bolts	2001	NASA	0
792	NASA-LLIS-1038	Lessons Learned Optimized pre-forming of thermoplastic polymer parts	2001	NASA	0
793	NASA-LLIS-0925	Lessons Learned - KAO (Kuiper Airborne Observatory) Cavity Wall Deflections	2001	NASA	0
794	NASA-LLIS-1166	Lessons Learned International Space Station (ISS)/X-38/Space Flight Qualification Test Schedule	2001	NASA	0
795	NASA-LLIS-1172	Lessons Learned - Workforce/Career Development/Retention and Recruiting	2001	NASA	0
796	NASA-LLIS-1171	Lessons Learned - Workforce/Integration of New Personnel/Stress Levels	2001	NASA	0
797	NASA-LLIS-1270	Lessons Learned AHP Ranking	2001	NASA	0
798	NASA-LLIS-0933	Lessons Learned - Failure occurred at the Transonic Dynamics Tunnel (TDT)	2001	NASA	0
799	NASA-LLIS-0942	Lessons Learned Improper Use of Hand Tools	2001	NASA	0
800	NASA-LLIS-0972	Lessons Learned User IDs and Passwords	2001	NASA	0
801	NASA-LLIS-0930	Lessons Learned Hidden Hazards Associated With Raised Flooring	2001	NASA	0
802	NASA-LLIS-1101	Lessons Learned Hardware losses during STS-88 Extravehicular Activities (EVAs, also known as space walks)	2001	NASA	0
803	NASA-LLIS-1165	Lessons Learned International Space Station (ISS)/Multiple Element Integrated Testing (MEIT)/Software Configuration Management	2001	NASA	0

804	NASA-LLIS-1035	Lessons Learned Mars 2001 Risk Reduction Testing, Pyrovalve	2001	NASA	0
805	NASA-LLIS-1194	Lessons Learned Understanding Lightning Protection Policies during ELV Launch Operations	2001	NASA	0
806	NASA-LLIS-1164	Lessons Learned Space Shuttle/Ground Processing Infrastructure/Aging and Obsolescence	2001	NASA	0
807	NASA-LLIS-1178	Lessons Learned - Crew Health/Radiation Monitoring/Neutron Dosimetry	2001	NASA	0
808	NASA-LLIS-0988	Lessons Learned - Ordinance/Firing Line Misconnect	2001	NASA	0
809	NASA-LLIS-0939	Lessons Learned MPL Uplink Loss Timer Software/Test Errors (1998)	2001	NASA	0
810	NASA-LLIS-0992	Lessons Learned Spaceborne Imaging Camera Contamination (1999)	2001	NASA	0
811	NASA-LLIS-0969	Lessons Learned - Project Management Team Composition	2001	NASA	0
812	NASA-LLIS-0993	Lessons Learned Pressure Testing	2001	NASA	0
813	NASA-LLIS-0949	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Wiper "O" Ring and Vent Slot Addition	2001	NASA	0
814	NASA-LLIS-1126	Lessons Learned New Extravehicular Mobility Unit (EMU) Research and Development Required for Future Exploration Missions	2001	NASA	0
815	NASA-HDBK-7005	DYNAMIC ENVIRONMENTAL CRITERIA	2001	NASA	0
816	NASA-LLIS-1036	Lessons Learned Prototyping does not guarantee success during build-up of flight-configuration hardware	2001	NASA	0
817	NASA-LLIS-0970	Lessons Learned Planning for Transition of Project Management Responsibilities	2001	NASA	0
818	NASA-LLIS-0940	Lessons Learned 12 Foot Pressure Wind Tunnel Fall Mishap Report	2001	NASA	0
819	NASA-LLIS-1037	Lessons Learned Machining of thermoplastic polymers	2001	NASA	0
820	NASA-LLIS-1069	Lessons Learned Use of Quick Release V-Band on Pressure Vessel	2001	NASA	0
821	NASA-LLIS-0982	Lessons Learned Retention of Traceability Data for EEE Parts	2001	NASA	0
822	NASA-LLIS-1174	Lessons Learned - Need for Peer-Reviewed Research and Development (R&D) in Software Independent Verification and Validation (IV&V)	2001	NASA	0
823	NASA-LLIS-0927	Lessons Learned - KAO (Kuiper Airborne Observatory) Gauge Calibration Problem During Aircraft Pressure Test	2001	NASA	0
824	NASA-LLIS-1040	Lessons Learned Dimensional stability of dissimilar materials in operational and non-operational environments where excessive or unintentional heating may occur	2001	NASA	0
825	NASA-LLIS-1169	Lessons Learned Aircraft Flight Operations/Aviation Safety Officers (ASOs)/Reporting Structure	2001	NASA	0
826	NASA-LLIS-0944	Lessons Learned Pyrovalve Anomaly Studies	2001	NASA	0
827	NASA-LLIS-0975	Lessons Learned Role of Marketing in System Use	2001	NASA	0

828	NASA-LLIS-1160	Lessons Learned Space Shuttle Program/Planning Horizon/Safety	2001	NASA	0
829	NASA-LLIS-1032	Lessons Learned Construction Site Safety, Sheet Metal Panels Materials Handling	2001	NASA	0
830	NASA-LLIS-0986	Lessons Learned Tight scheduling and New Unfamiliar Equipment in Hazardous Environments	2001	NASA	0
831	NASA-LLIS-1192	Lessons Learned Exposure of Personnel to Electrocution Hazard	2001	NASA	0
832	NASA-LLIS-1257	Lessons Learned Metrics in New Program Plans	2001	NASA	0
833	NASA-LLIS-1175	Lessons Learned - Computer Hardware-Software/System Security/Personnel Awareness and Training	2001	NASA	0
834	NASA-LLIS-0936	Lessons Learned Use of Commercial/Industry Terminology	2001	NASA	0
835	NASA-LLIS-1163	Lessons Learned Space Shuttle Program/Work Documentation/Incorporation of Changes	2001	NASA	0
836	NASA-LLIS-0974	Lessons Learned Training Course Development	2001	NASA	0
837	NASA-LLIS-1039	Lessons Learned Limitations of material procurement specifications in polytetrafluoroethylene (PTFE) resin selection	2001	NASA	0
838	NASA-LLIS-1167	Lessons Learned International Space Station (ISS)/X-38/Design Knowledge Transfer	2001	NASA	0
839	NASA-LLIS-0926	Lessons Learned - Space Shuttle Program - Process Control Focus Group Machining/Equipment/Machine Maintenance Can Affect Hardware Integrity	2001	NASA	0
840	NASA-LLIS-1173	Lessons Learned - Lack of Education and Training in the Use and Processes of Independent Verification & Validation (IV&V)	2001	NASA	0
841	NASA-LLIS-1255	Lessons Learned - Project Status and Tracking	2001	NASA	0
842	NASA-LLIS-1251	Lessons Learned Failure to Report an Incident as a NASA Mishap	2001	NASA	0
843	NASA-LLIS-1168	Lessons Learned Stratospheric Observatory for Infrared Astronomy (SOFIA) Flight Operations/Management Oversight/Flight Operations Planning	2001	NASA	0
844	NASA-LLIS-1271	Lessons Learned Contractual Authority to Proceed With Funding	2001	NASA	0
845	NASA-LLIS-0943	Lessons Learned Fire Hazards- Linseed Oil	2001	NASA	0
846	NASA-LLIS-0973	Lessons Learned Web-based Training Considerations	2001	NASA	0
847	NASA-LLIS-1256	Lessons Learned - Project Selection for New Programs Using Analytical Hierarchy Process (AHP) Software, Specifically Expert Choice 2000 Software	2001	NASA	0
848	NASA-LLIS-0985	Lessons Learned Banana Plug Test Leads	2001	NASA	0
849	NASA-LLIS-1095	Lessons Learned Construction Site Safety: Coordination of Requirements, Power Compatibility, Design Review, Submittal Review	2001	NASA	0
850	NASA-LLIS-0976	Lessons Learned User Feedback (Operational) Testing	2001	NASA	0
851	NASA-LLIS-1041	Lessons Learned Gravity Probe-B Nitrogen Contamination Mishap Investigation Final Report	2001	NASA	0

852	NASA-LLIS-1191	Lessons Learned NASA Photo Archive Damaged by Flood	2001	NASA	0
853	NASA-LLIS-0977	Lessons Learned Use of Shareware/Freeware as Integral Elements of Computer Systems	2001	NASA	0
854	NASA-LLIS-0945	Lessons Learned Unexpected reactions in chemical mixtures during storage	2001	NASA	0
855	NASA-LLIS-1161	Lessons Learned Space Shuttle Program/Orbiter/Crew Escape System	2001	NASA	0
856	NASA-LLIS-0987	Lessons Learned Chandra X-ray Observatory (CXO) Development Program Programmatic "Lessons Learned"	2001	NASA	0
857	NASA-LLIS-0937	Lessons Learned Mobile Crane Mishap	2001	NASA	0
858	NASA-LLIS-1087	Lessons Learned - Plan Timely Implementation of Backups In Case Breakthrough Technologies Fail to Meet Readiness Gates - 1998	2001	NASA	0
859	NASA-LLIS-1033	Lessons Learned Controlling Risk on Cost-Capped, Schedule-Driven, Technology Validation Projects (1998)	2001	NASA	0
860	NASA-LLIS-1170	Lessons Learned - Critical Skills Challenge Remains for Space Shuttle and International Space Station (ISS)	2001	NASA	0
861	NASA-LLIS-1176	Lessons Learned - Implementation of Software Standards and Processes for Building, Testing, and Verifying Software at NASA	2001	NASA	0
862	NASA-LLIS-1031	Lessons Learned Construction Site Safety, Insulation Impaling Pins	2001	NASA	0
863	NASA-LLIS-1043	Lessons Learned Construction Site Safety, Electrical Shock	2001	NASA	0
864	NASA-LLIS-0938	Lessons Learned Probable Scenario for Mars Polar Lander Mission Loss (1998)	2001	NASA	0
865	NASA-LLIS-1177	Lessons Learned - International Space Station (ISS)/Computer Hardware-Software/Multiplexer-Demultiplexer (MDM) Central Processor Unit (CPU)	2001	NASA	0
866	NASA-LLIS-1146	Lessons Learned - Managing Risk Assessment In New Program Plans	2001	NASA	0
867	NASA-LLIS-1097	Lessons Learned Safety & Mission Assurance (S&MA) Concurrence on International Space Station (ISS) Chits	2001	NASA	0
868	NASA-LLIS-0968	Lessons Learned Avoid Test Program Reductions on Lower Cost/Higher Risk Instrument Projects	2001	NASA	0
869	NASA-LLIS-1430	Lessons Learned Pressure Systems Design, Installation and Safety (2001)	2001	NASA	0
870	NASA-LLIS-0989	Lessons Learned ETU Laser Diode Pump Array Failure - Indium gasket short between contacts caused electrical failure	2001	NASA	0
871	NASA-LLIS-1034	Lessons Learned Construction Site Safety, Demolition Mezzanines	2001	NASA	0
872	NASA-LLIS-1162	Lessons Learned Space Shuttle Program/Orbiter/Redundant Hydraulic Lines	2001	NASA	0
873	NASA-LLIS-1193	Lessons Learned Formulation Phase SEB - Proposal Review Process Improvement Recommendations	2001	NASA	0
874	NASA-LLIS-0813	Lessons Learned Power System Corona Testing	2000	NASA	0
875	NASA-LLIS-0878	Lessons Learned Orbiter S-Band Uplink Monitoring System	2000	NASA	0

876	NASA-LLIS-0867	Lessons Learned Use of GN2 for Valve Corrosion Control	2000	NASA	0
877	NASA-LLIS-0849	Lessons Learned Predictive Maintenance Program	2000	NASA	0
878	NASA-LLIS-0785	Lessons Learned Assembly Acoustic Tests	2000	NASA	0
879	NASA-LLIS-0778	Lessons Learned - Selection of Spacecraft Materials and Supporting Vacuum Outgassing Data	2000	NASA	0
880	NASA-LLIS-0754	Lessons Learned Contamination Control of Space Optical Systems	2000	NASA	0
881	NASA-LLIS-0663	Lessons Learned Welding Practices for 2219 Aluminum and Inconel 718	2000	NASA	0
882	NASA-LLIS-0712	Lessons Learned Design Considerations for Fluid Tubing Systems	2000	NASA	0
883	NASA-LLIS-0677	Lessons Learned High Voltage Power Supply Design and Manufacturing Practices	2000	NASA	0
884	NASA-LLIS-0653	Lessons Learned Electrical Shielding of Power, Signal and Control Cables	2000	NASA	0
885	NASA-LLIS-0855	Lessons Learned Pneumatic System Contamination Protection	2000	NASA	0
886	NASA-LLIS-0830	Lessons Learned Rocket Engine Failure Prediction Using an Average Signal Power Technique	2000	NASA	0
887	NASA-LLIS-0978	Lessons Learned End-to-End Testing	2000	NASA	0
888	NASA-LLIS-0910	Lessons Learned Corporate Organizational Changes	2000	NASA	0
889	NASA-LLIS-0805	Lessons Learned Practice of Reporting Parts, Materials, and Safety Problems (Alerts)	2000	NASA	0
890	NASA-LLIS-0699	Lessons Learned Structural Analysis in the Design of Optical Mirrors	2000	NASA	0
891	NASA-LLIS-0702	Lessons Learned Magnetic Design Control for Science Instruments	2000	NASA	0
892	NASA-LLIS-0729	Lessons Learned Integration and Test Practices to Eliminate Stresses on Electrical and Mechanical Components	2000	NASA	0
893	NASA-LLIS-0893	Lessons Learned Selection of Electric Motors for Aerospace Application	2000	NASA	0
894	NASA-LLIS-0760	Lessons Learned Eddy Current Testing of Aerospace Materials	2000	NASA	0
895	NASA-LLIS-0721	Lessons Learned Design Considerations For Space Trusses	2000	NASA	0
896	NASA-LLIS-0806	Lessons Learned Rocket Engine Technology Test Bed Practice	2000	NASA	0
897	NASA-LLIS-0870	Lessons Learned Fault Isolation Using Terminal Blocks	2000	NASA	0
898	NASA-LLIS-0911	Lessons Learned Provide Detailed WBS for Flight Software in the RFP	2000	NASA	0
899	NASA-LLIS-0770	Lessons Learned RF Breakdown Characterization	2000	NASA	0

900	NASA-LLIS-1153	Lessons Learned International Space Station (ISS) Program/Computer Hardware-Software/International Partner Source Code	2000	NASA	0
901	NASA-LLIS-0654	Lessons Learned Assessment and Control of Electrical Charges	2000	NASA	0
902	NASA-LLIS-0700	Lessons Learned - Fracture Mechanics Reliability	2000	NASA	0
903	NASA-LLIS-0856	Lessons Learned SOFIA B747 Aircraft Upper Rudder Incident	2000	NASA	0
904	NASA-LLIS-0979	Lessons Learned Thruster Plume Impingement	2000	NASA	0
905	NASA-LLIS-0864	Lessons Learned Table Saw Injury to NSI Technology Services Corporation Employee	2000	NASA	0
906	NASA-LLIS-0831	Lessons Learned Maintainability Program Management Considerations	2000	NASA	0
907	NASA-LLIS-0781	Lessons Learned - Thermal-Vacuum Versus Thermal-Atmospheric Tests of Electronic Assemblies	2000	NASA	0
908	NASA-LLIS-0902	Lessons Learned Hydrazine Cylinder Shipping	2000	NASA	0
909	NASA-LLIS-0750	Lessons Learned High Performance Liquid Hydrogen Turbopumps	2000	NASA	0
910	NASA-LLIS-0822	Lessons Learned Design of a Small Apparatus for Improved Vibration/Thermal Testing	2000	NASA	0
911	NASA-LLIS-0685	Lessons Learned Electrostatic Discharge Control in GSE	2000	NASA	0
912	NASA-LLIS-0764	Lessons Learned - Controlling Stress Corrosion Cracking in Aerospace Applications	2000	NASA	0
913	NASA-LLIS-0659	Lessons Learned Redundancy in Critical Mechanical Systems	2000	NASA	0
914	NASA-LLIS-0708	Lessons Learned Plasma Noise in EMI Design	2000	NASA	0
915	NASA-LLIS-0887	Lessons Learned Hazards of Providing NASA Hardware for Public Display	2000	NASA	0
916	NASA-LLIS-0794	Lessons Learned Thermal Analysis of Electronic Assemblies to the Piece Part Level	2000	NASA	0
917	NASA-LLIS-0645	Lessons Learned Optical Fiber Cable Terminations Techniques and Procedures	2000	NASA	0
918	NASA-LLIS-0821	Lessons Learned Automatic Transfer Switches (ATS) In Critical Applications	2000	NASA	0
919	NASA-LLIS-0793	Lessons Learned Characterization of RF Subsystem Susceptibility to Spurious Signals	2000	NASA	0
920	NASA-LLIS-0886	Lessons Learned Mission Assurance During Mars Climate Orbiter Operations (1999)	2000	NASA	0
921	NASA-LLIS-0658	Lessons Learned Electrical Grounding Practices for Aerospace Hardware	2000	NASA	0
922	NASA-LLIS-0644	Lessons Learned Ni-Cd Conventional Spacecraft Battery Handling and Storage	2000	NASA	0
923	NASA-LLIS-0846	Lessons Learned Wear Particle Analysis Using Ferrography	2000	NASA	0

924	NASA-LLIS-0759	Lessons Learned Solid Rocket Motor Joint Reliability	2000	NASA	0
925	NASA-LLIS-0769	Lessons Learned Verification of RF Hardware Design Performance Early in the Design Phase	2000	NASA	0
926	NASA-LLIS-1152	Lessons Learned - Space Shuttle Program/Computer Hardware-Software/Avionics Upgrades	2000	NASA	0
927	NASA-LLIS-0740	Lessons Learned Deficiencies in Mission Critical Software Development for Mars Climate Orbiter (1999)	2000	NASA	0
928	NASA-LLIS-0684	Lessons Learned Designing for Dormant Reliability	2000	NASA	0
929	NASA-LLIS-0662	Lessons Learned Uninterruptable Power Supply Systems (UPS)	2000	NASA	0
930	NASA-LLIS-0865	Lessons Learned Ames VTOL Test Pad Personnel Injury Accident	2000	NASA	0
931	NASA-LLIS-0812	Lessons Learned Leak Testing of Liquid Hydrogen and Liquid Oxygen Propellant Systems	2000	NASA	0
932	NASA-LLIS-0711	Lessons Learned Magnetic Field Restraints for Spacecraft Systems and Subsystems	2000	NASA	0
933	NASA-LLIS-0676	Lessons Learned Electrical, Electronic and Electromechanical (EEE) Parts Derating	2000	NASA	0
934	NASA-LLIS-0780	Lessons Learned - Pyrotechnic Shock Testing	2000	NASA	0
935	NASA-LLIS-0901	Lessons Learned Wearing of Proper Undergarments with Fireproof materials such as Nomex Increases Survival Chances from Burn Injuries	2000	NASA	0
936	NASA-LLIS-0848	Lessons Learned Maintenance & Test Criteria for Circuit Breakers	2000	NASA	0
937	NASA-LLIS-0877	Lessons Learned Testing of Environmental Conditions to Be Experienced During Operations	2000	NASA	0
938	NASA-LLIS-0784	Lessons Learned Powered-On Vibration	2000	NASA	0
939	NASA-LLIS-0728	Lessons Learned Mechanical Fastener Inspection System	2000	NASA	0
940	NASA-LLIS-0753	Lessons Learned Integrated Optical Performance Modeling of X-Ray Systems	2000	NASA	0
941	NASA-LLIS-0777	Lessons Learned - Electrostatic Discharge (ESD) Test Practices	2000	NASA	0
942	NASA-LLIS-0891	Lessons Learned Preventive Maintenance Strategies Using Reliability Centered Maintenance (RCM)	2000	NASA	0
943	NASA-LLIS-0919	Lessons Learned Principal Investigator (PI) Mode Contingency Funding	2000	NASA	0
944	NASA-LLIS-0720	Lessons Learned Star Image Metrology Part II: Irradiance Measurements	2000	NASA	0
945	NASA-LLIS-0698	Lessons Learned Ammonia-Charged Aluminum Heat Pipes with Extruded Wicks	2000	NASA	0
946	NASA-LLIS-0652	Lessons Learned Combination Methods for Deriving Structural Design Loads Considering Vibro-Acoustic, etc., Responses	2000	NASA	0
947	NASA-LLIS-0715	Lessons Learned Near Field Measurement for Large Aperature Antenna Pattern Determination	2000	NASA	0

948	NASA-LLIS-0804	Lessons Learned Contamination Budgeting for Space Optical Systems	2000	NASA	0
949	NASA-LLIS-0768	Lessons Learned Thermal Design Practices for Electronic Assemblies	2000	NASA	0
950	NASA-LLIS-1151	Lessons Learned - Space Shuttle Program/Computer Hardware-Software/Avionics Upgrades	2000	NASA	0
951	NASA-LLIS-0747	Lessons Learned Facilities, Costing Of Contracts	2000	NASA	0
952	NASA-LLIS-0909	Lessons Learned Satellite Deployments	2000	NASA	0
953	NASA-LLIS-0829	Lessons Learned Availability, Cost and Resource Allocation (ACARA) Model to Support Maintenance Requirements	2000	NASA	0
954	NASA-LLIS-0854	Lessons Learned Pneumatic Systems - Pilot-Controlled Pressure Regulator Loading	2000	NASA	0
955	NASA-LLIS-0683	Lessons Learned Fabrication of Gaseous and Liquid Fluorine Systems	2000	NASA	0
956	NASA-LLIS-0845	Lessons Learned Vibration Analysis of Rotating Ground Support Machinery	2000	NASA	0
957	NASA-LLIS-0913	Lessons Learned - Space Mechanisms Reliability (2000)	2000	NASA	0
958	NASA-LLIS-0739	Lessons Learned Design Considerations For Lightning Strike Survivability	2000	NASA	0
959	NASA-LLIS-0847	Lessons Learned Ultrasound Testing	2000	NASA	0
960	NASA-LLIS-0810	Lessons Learned Thermal Cycling	2000	NASA	0
961	NASA-LLIS-0917	Lessons Learned Inadequate Project/Line Interaction Throughout Mars Climate Orbiters Project Life Cycle (1999)	2000	NASA	0
962	NASA-LLIS-0875	Lessons Learned Implementation of Sensors and Warning Devices to Detect Out-of-Tolerance Conditions	2000	NASA	0
963	NASA-LLIS-0775	Lessons Learned Random Vibration Testing	2000	NASA	0
964	NASA-LLIS-1159	Lessons Learned Aerospace Technology/SOFIA Program/747 Avionics Requirements	2000	NASA	0
965	NASA-LLIS-0783	Lessons Learned - Thermal Test Levels & Durations	2000	NASA	0
966	NASA-LLIS-0692	Lessons Learned Coordinate Systems for Attitude Determination and Control	2000	NASA	0
967	NASA-LLIS-0931	Lessons Learned Faulty Chair Mechanism	2000	NASA	0
968	NASA-LLIS-0670	Lessons Learned Contamination Control Program	2000	NASA	0
969	NASA-LLIS-0862	Lessons Learned 3.5-Foot Hypersonic Wind Tunnel Ceramic Bed Matrix Heater Mishap	2000	NASA	0
970	NASA-LLIS-0709	Lessons Learned Class S Parts in High Reliability Applications	2000	NASA	0
971	NASA-LLIS-1085	Lessons Learned Mishap Investigation Board Report Findings for the GSFC Building 3/13/14 Electrical Manhole Close Call of December 26, 1998	2000	NASA	0

972	NASA-LLIS-0674	Lessons Learned - Vacuum Seals Design Criteria	2000	NASA	0
973	NASA-LLIS-0827	Lessons Learned Quantitative Reliability Requirements Used as Performance-Based Requirements for Space Systems	2000	NASA	0
974	NASA-LLIS-0907	Lessons Learned Core Competency of Subcontractors	2000	NASA	0
975	NASA-LLIS-0809	Lessons Learned Heat Sinks for Parts Operated in Vacuum	2000	NASA	0
976	NASA-LLIS-0802	Lessons Learned Battery Verification Through Long-Term Simulation	2000	NASA	0
977	NASA-LLIS-0766	Lessons Learned - Reliability Considerations for Launch Vehicle Command Destruct Systems	2000	NASA	0
978	NASA-LLIS-1149	Lessons Learned - Agency-Wide/Computer Hardware-Software/Computer Security	2000	NASA	0
979	NASA-LLIS-0745	Lessons Learned Potential for Low Oxygen Levels in Non-Enclosed Areas	2000	NASA	0
980	NASA-LLIS-0726	Lessons Learned End-To-End Compatibility and Mission Simulation Testing	2000	NASA	0
981	NASA-LLIS-0696	Lessons Learned - Spectral Fatigue Reliability	2000	NASA	0
982	NASA-LLIS-0852	Lessons Learned Programmable Logic Controllers (PLC)	2000	NASA	0
983	NASA-LLIS-0650	Lessons Learned Fail Safe Firex/Deluge System	2000	NASA	0
984	NASA-LLIS-0782	Lessons Learned Part Electrical Stress Analysis	2000	NASA	0
985	NASA-LLIS-0984	Lessons Learned Acquisition Management for In-house Development Efforts	2000	NASA	0
986	NASA-LLIS-0839	Lessons Learned Fault-Detection, Fault-Isolation and Recovery (FDIR) Techniques	2000	NASA	0
987	NASA-LLIS-0874	Lessons Learned Quality Inspection of Maintenance Work Performed on Critical Equipment	2000	NASA	0
988	NASA-LLIS-0835	Lessons Learned Benefits of Implementing Maintainability on NASA Programs	2000	NASA	0
989	NASA-LLIS-0861	Lessons Learned Inadequate Holding/Transport Fixtures Leading to B747SP Rudder Damage	2000	NASA	0
990	NASA-LLIS-0669	Lessons Learned Structural Laminate Composites for Space Applications	2000	NASA	0
991	NASA-LLIS-0673	Lessons Learned - Over-Speed Protection System for DC Motor-Driven Cranes	2000	NASA	0
992	NASA-LLIS-0707	Lessons Learned Fault Tolerant Design	2000	NASA	0
993	NASA-LLIS-1084	Lessons Learned - Mishap Investigation Board Report Findings for the GSFC Building 24 Pressurized Steam Line Close Call of August 19, 1999	2000	NASA	0
994	NASA-LLIS-0734	Lessons Learned Instrumentation System Design and Installation for Launch Vehicles	2000	NASA	0
995	NASA-LLIS-1141	Lessons Learned International Space Station (ISS) Program/CRV/Schedule Delay	2000	NASA	0

996	NASA-LLIS-0898	Lessons Learned Hubble Space Telescope Servicing Mission Operations Training	2000	NASA	0
997	NASA-LLIS-0790	Lessons Learned Problem/Failure Report Independent Review/Approval	2000	NASA	0
998	NASA-LLIS-0758	Lessons Learned Computational Fluid Dynamics (CFD) In Launch Vehicle Applications	2000	NASA	0
999	NASA-LLIS-1143	Lessons Learned - International Space Station (ISS) Program/Solid Fuel Oxygen Generator (SFOG) Utilization	2000	NASA	0
1000	NASA-LLIS-0818	Lessons Learned Qualification of Nonstandard Electrical, Electronic, and Electromechanical (EEE) Parts in Spaceflight Applications	2000	NASA	0
1001	NASA-LLIS-0883	Lessons Learned Facility Chilled Water for Thermal Conditioning Unit (TCU)	2000	NASA	0
1002	NASA-LLIS-0934	Lessons Learned SSME 0523 Test 902-772 Major Mishap	2000	NASA	0
1003	NASA-LLIS-0843	Lessons Learned Use of Digital Potentiometers in Electrically Powered Systems	2000	NASA	0
1004	NASA-LLIS-1219	Lessons Learned - Integrated Configuration Control/Troubleshooting	2000	NASA	0
1005	NASA-LLIS-0668	Lessons Learned Pre-Ship Review	2000	NASA	0
1006	NASA-LLIS-0682	Lessons Learned Design and Manufacturing Guideline for Aerospace Composites	2000	NASA	0
1007	NASA-LLIS-0737	Lessons Learned Design Reliable Ceramic Components With Cares Code	2000	NASA	0
1008	NASA-LLIS-0900	Lessons Learned Working with Foreign Contributors to NASA Missions/Flight Assurance	2000	NASA	0
1009	NASA-LLIS-0706	Lessons Learned Monitoring Spacecraft Exposure to Magnetic Fields	2000	NASA	0
1010	NASA-LLIS-0885	Lessons Learned Verify Configuration of Flight Hardware Prior to Test (1998)	2000	NASA	0
1011	NASA-LLIS-0820	Lessons Learned Global Positioning System (GPS) Timing System	2000	NASA	0
1012	NASA-LLIS-1139	Lessons Learned Space Shuttle Program/Workforce/Workload Sustainment	2000	NASA	0
1013	NASA-LLIS-0643	Lessons Learned NASA Preferred Reliability Practices; Design and Test Practices for Aerospace Systems; Environmental Factors	2000	NASA	0
1014	NASA-LLIS-0675	Lessons Learned Fastener Standardization and Selection Considerations	2000	NASA	0
1015	NASA-LLIS-0710	Lessons Learned EMC Guideline for Payloads, Subsystems, and Components	2000	NASA	0
1016	NASA-LLIS-1086	Lessons Learned - Lack of Close Call Reporting and Corrective Action Development at GSFC	2000	NASA	0
1017	NASA-LLIS-0695	Lessons Learned - Guidelines for Thermal Analysis of Spacecraft Hardware	2000	NASA	0
1018	NASA-LLIS-1144	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Supportability	2000	NASA	0
1019	NASA-LLIS-0918	Lessons Learned Evolution of Mission Requirements for Support Equipment	2000	NASA	0

1020	NASA-LLIS-0811	Lessons Learned Radiographic Testing of Aerospace Materials	2000	NASA	0
1021	NASA-LLIS-0688	Lessons Learned Management of Limited Failure Analysis Resources for Electrical, Electronic and Electromechanical (EEE) Parts	2000	NASA	0
1022	NASA-LLIS-0876	Lessons Learned Recognition and Communication of Hazards During Operational Testing	2000	NASA	0
1023	NASA-LLIS-0661	Lessons Learned Redundancy Considerations for Ground Communication Systems	2000	NASA	0
1024	NASA-LLIS-0863	Lessons Learned Modular Building Fire	2000	NASA	0
1025	NASA-LLIS-1138	Lessons Learned Space Shuttle Program/Facilities, Test Equipment, and Ground Support Equipment (GSE)/ Supportability	2000	NASA	0
1026	NASA-LLIS-0776	Lessons Learned - Radiated Susceptibility System Verification	2000	NASA	0
1027	NASA-LLIS-0890	Lessons Learned High Performance Liquid Oxygen Turbopumps	2000	NASA	0
1028	NASA-LLIS-0693	Lessons Learned Earth Orbit Environmental Heating	2000	NASA	0
1029	NASA-LLIS-0727	Lessons Learned Spacecraft Thermal Control Coatings Design and Application	2000	NASA	0
1030	NASA-LLIS-0719	Lessons Learned Short Circuit Testing for Nickel/Hydrogen Battery Cells	2000	NASA	0
1031	NASA-LLIS-0803	Lessons Learned Identification, Control, and Management of Critical Items Lists	2000	NASA	0
1032	NASA-LLIS-0908	Lessons Learned NOAA-15(K) S-Band Antenna Failure	2000	NASA	0
1033	NASA-LLIS-0738	Lessons Learned Problem Reporting and Corrective Action System	2000	NASA	0
1034	NASA-LLIS-0767	Lessons Learned Conducted and Radiated Emissions Design Requirements	2000	NASA	0
1035	NASA-LLIS-1150	Lessons Learned - Agency-Wide/Computer Hardware-Software/Computer Security	2000	NASA	0
1036	NASA-LLIS-0746	Lessons Learned Facilities, Mod & Rehab Projects	2000	NASA	0
1037	NASA-LLIS-0828	Lessons Learned Thermographic Mapping of PC Boards	2000	NASA	0
1038	NASA-LLIS-0853	Lessons Learned DC Drive - Solid State Control	2000	NASA	0
1039	NASA-LLIS-0713	Lessons Learned Vehicle Integration/Tolerance Buildup Practices	2000	NASA	0
1040	NASA-LLIS-0651	Lessons Learned Environmental Test Methods for Ground Support Equipment	2000	NASA	0
1041	NASA-LLIS-0697	Lessons Learned Active Redundancy	2000	NASA	0
1042	NASA-LLIS-0642	Lessons Learned "Non-Magnetic" Materials May Become Magnetized	2000	NASA	0
1043	NASA-LLIS-0884	Lessons Learned Lack of Communication Leading to Aircraft Tow Incident	2000	NASA	0

1044	NASA-LLIS-0844	Lessons Learned Ground Piping Systems Color Coding and Identification	2000	NASA	0
1045	NASA-LLIS-1136	Lessons Learned - Space Shuttle Program/Process Control/Best Practices	2000	NASA	0
1046	NASA-LLIS-0694	Lessons Learned - Super Ni-Cd Spacecraft Battery Handling and Storage Practice	2000	NASA	0
1047	NASA-LLIS-0899	Lessons Learned Working with Foreign Contributors to NASA Missions/Contributions	2000	NASA	0
1048	NASA-LLIS-0735	Lessons Learned Material Selection Practices	2000	NASA	0
1049	NASA-LLIS-0819	Lessons Learned Structural Stress Analysis	2000	NASA	0
1050	NASA-LLIS-0935	Lessons Learned High Velocity OxyFuel (HVOF) Thermal Spray System Incident	2000	NASA	0
1051	NASA-LLIS-0791	Lessons Learned Risk Rating of Problem/Failure Reports	2000	NASA	0
1052	NASA-LLIS-0833	Lessons Learned Neutral Buoyancy Simulation of On-Orbit Maintenance	2000	NASA	0
1053	NASA-LLIS-0858	Lessons Learned F-18 Drop Model Battery Box Problem	2000	NASA	0
1054	NASA-LLIS-0656	Lessons Learned Hardware Review/Certification Requirement	2000	NASA	0
1055	NASA-LLIS-0671	Lessons Learned - Demagnetization of Ferromagnetic Parts	2000	NASA	0
1056	NASA-LLIS-0923	Lessons Learned - Quick Release Pin Causes Shuttle Launch Scrub	2000	NASA	0
1057	NASA-LLIS-0756	Lessons Learned Sneak Circuit Analysis Guideline for Electro-Mechanical Systems	2000	NASA	0
1058	NASA-LLIS-1137	Lessons Learned - Space Shuttle Program/Work Documentation/Unincorporated Changes	2000	NASA	0
1059	NASA-LLIS-0896	Lessons Learned Minimizing Impacts Associated with Construction Operations at Mission Critical Facilities	2000	NASA	0
1060	NASA-LLIS-0704	Lessons Learned - Nickel-Hydrogen Spacecraft Battery Handling and Storage Practice	2000	NASA	0
1061	NASA-LLIS-0732	Lessons Learned Electrostatic Discharge (ESD) Control In Flight Hardware	2000	NASA	0
1062	NASA-LLIS-0924	Lessons Learned Tin Whiskers Cause Electrical Shorts	2000	NASA	0
1063	NASA-LLIS-0680	Lessons Learned Design Checklists for Microcircuits	2000	NASA	0
1064	NASA-LLIS-0717	Lessons Learned Guideline for Use of Fizeau Interferometer in Optical Testing	2000	NASA	0
1065	NASA-LLIS-0763	Lessons Learned - Systems Test Considerations for High Performance Liquid Propellant Rocket Engines	2000	NASA	0
1066	NASA-LLIS-0743	Lessons Learned Rigor in Integrated Design, Development, Documentation, and Configuration Control	2000	NASA	0
1067	NASA-LLIS-0788	Lessons Learned Surface Charging/Electrostatic Discharge Analysis	2000	NASA	0

1068	NASA-LLIS-0798	Lessons Learned Spurious Radiated Interference Awareness	2000	NASA	0
1069	NASA-LLIS-0981	Lessons Learned Reverse Polarity Concerns With Tantalum Capacitors	2000	NASA	0
1070	NASA-LLIS-0816	Lessons Learned Design of an Improved Gas Transfer Valve for Leak Tight Testing	2000	NASA	0
1071	NASA-LLIS-0881	Lessons Learned Fiber Optic Systems	2000	NASA	0
1072	NASA-LLIS-0666	Lessons Learned Foreign Object Debris (FOD) Program at KSC	2000	NASA	0
1073	NASA-LLIS-0842	Lessons Learned Common Charge Points for Lubrication Systems for Mechanical Ground Support Equipment	2000	NASA	0
1074	NASA-LLIS-0904	Lessons Learned ESSP VCL Selection and Formulation	2000	NASA	0
1075	NASA-LLIS-0762	Lessons Learned - Systems Design Analysis Applied To Launch Vehicle Configurations	2000	NASA	0
1076	NASA-LLIS-1147	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Research and Development	2000	NASA	0
1077	NASA-LLIS-0808	Lessons Learned Magnetic Particle Testing of Aerospace Materials	2000	NASA	0
1078	NASA-LLIS-0889	Lessons Learned Budgetary Reserve Recommendation for Technology Validation Missions	2000	NASA	0
1079	NASA-LLIS-0990	Lessons Learned Degradation of Pur-Ester Polyurethane Tubing due to Aging	2000	NASA	0
1080	NASA-LLIS-0824	Lessons Learned Space Radiation Effects on Electronic Components in Low-Earth Orbit	2000	NASA	0
1081	NASA-LLIS-0665	Lessons Learned Oil-Free Vacuum Pumps in the LOX/LH2 Transfer System	2000	NASA	0
1082	NASA-LLIS-0679	Lessons Learned Meteoroids & Space Debris	2000	NASA	0
1083	NASA-LLIS-0716	Lessons Learned Spacecraft Deployed Appendage Test Guidelines	2000	NASA	0
1084	NASA-LLIS-0742	Lessons Learned Verification of Nominal Conditions After Restoration of Power	2000	NASA	0
1085	NASA-LLIS-0752	Lessons Learned Check Valve Reliability in Aerospace Applications	2000	NASA	0
1086	NASA-LLIS-0868	Lessons Learned Mishap At The Underground Air Storage Facility	2000	NASA	0
1087	NASA-LLIS-0723	Lessons Learned Independent Verification and Validation of Embedded Software	2000	NASA	0
1088	NASA-LLIS-0914	Lessons Learned Genesis Canister Lift Incident (2000)	2000	NASA	0
1089	NASA-LLIS-0837	Lessons Learned False Alarm Mitigation Techniques	2000	NASA	0
1090	NASA-LLIS-0872	Lessons Learned Use of Monitoring Processes for Cryogenic Transfer	2000	NASA	0
1091	NASA-LLIS-0772	Lessons Learned Fault Protection	2000	NASA	0

1092	NASA-LLIS-1155	Lessons Learned - Aerospace Technology/Management Oversight/Flight Operations	2000	NASA	0
1093	NASA-LLIS-0647	Lessons Learned Solar Flare Proton and Heavy Ion Modeling for Single Event Effects	2000	NASA	0
1094	NASA-LLIS-0795	Lessons Learned Failure Modes, Effects and Criticality Analysis (FMECA)	2000	NASA	0
1095	NASA-LLIS-0903	Lessons Learned High Energy Spectroscopic Imager Test Mishap	2000	NASA	0
1096	NASA-LLIS-0761	Lessons Learned - Guideline for Developing Reliable Instrumentation for Aerospace Systems	2000	NASA	0
1097	NASA-LLIS-0741	Lessons Learned Hazards of Metal Desks	2000	NASA	0
1098	NASA-LLIS-0714	Lessons Learned Battery Selection Practice for Aerospace Power Systems	2000	NASA	0
1099	NASA-LLIS-0678	Lessons Learned Design Considerations for Selection of Thick-Film Microelectronic Circuits	2000	NASA	0
1100	NASA-LLIS-0660	Lessons Learned Flow Fuses for Elimination of Hazards in Pneumatic and Hydraulic Systems	2000	NASA	0
1101	NASA-LLIS-1142	Lessons Learned - International Space Station (ISS) Program/Crew Health/Radiation	2000	NASA	0
1102	NASA-LLIS-0888	Lessons Learned Skill Requirements for Technology Validation Missions	2000	NASA	0
1103	NASA-LLIS-0646	Lessons Learned Power Line Filters	2000	NASA	0
1104	NASA-LLIS-0807	Lessons Learned Penetrant Testing of Aerospace Materials	2000	NASA	0
1105	NASA-LLIS-0823	Lessons Learned Modal Testing: Measuring Dynamic Structural Characteristics	2000	NASA	0
1106	NASA-LLIS-0779	Lessons Learned - Environmental Test Sequencing	2000	NASA	0
1107	NASA-LLIS-0894	Lessons Learned Sinusoidal Vibration	2000	NASA	0
1108	NASA-LLIS-0730	Lessons Learned Sine-Burst Load Test	2000	NASA	0
1109	NASA-LLIS-0703	Lessons Learned - Part Junction Temperature	2000	NASA	0
1110	NASA-LLIS-0921	Lessons Learned Acquisition and Oversight of Contracted Software Development (1999)	2000	NASA	0
1111	NASA-LLIS-0814	Lessons Learned Electrical, Electronic, and Electromechanical (EEE) Parts Screening	2000	NASA	0
1112	NASA-LLIS-0840	Lessons Learned Mean Time To Repair Predictions	2000	NASA	0
1113	NASA-LLIS-0786	Lessons Learned Independent Review of Reliability Analyses	2000	NASA	0
1114	NASA-LLIS-0879	Lessons Learned Electrical Equipment Protection From Liquid Intrusion	2000	NASA	0
1115	NASA-LLIS-1158	Lessons Learned - Aerospace Technology/Management Oversight/Flight Operations	2000	NASA	0

1116	NASA-LLIS-0922	Lessons Learned Bubble Formation in Dampers May Cause Transient Un-Damped Motion (1998)	2000	NASA	0
1117	NASA-LLIS-0787	Lessons Learned Acoustic Noise Requirement	2000	NASA	0
1118	NASA-LLIS-0797	Lessons Learned Analysis of Radiated EMI From ESD Events Caused by Space Charging	2000	NASA	0
1119	NASA-LLIS-0755	Lessons Learned Precision Diamond Turning of Aerospace Optical Systems	2000	NASA	0
1120	NASA-LLIS-1135	Lessons Learned - Workforce/Downsizing/Management Experience	2000	NASA	0
1121	NASA-LLIS-0815	Lessons Learned Flight Loads Anaylysis as a Spacecraft Design Tool	2000	NASA	0
1122	NASA-LLIS-0869	Lessons Learned Prop-Rotor Mishap in 40x80 Wind Tunnel	2000	NASA	0
1123	NASA-LLIS-0841	Lessons Learned Availability Prediction and Analysis	2000	NASA	0
1124	NASA-LLIS-0880	Lessons Learned AC - Variable Frequency Drive Systems	2000	NASA	0
1125	NASA-LLIS-0701	Lessons Learned - Static Cryogenic Seals for Launch Vehicle Applications	2000	NASA	0
1126	NASA-LLIS-0731	Lessons Learned Spacecraft Data System (SDS) Hardware Design Practice	2000	NASA	0
1127	NASA-LLIS-0895	Lessons Learned Software Simulation	2000	NASA	0
1128	NASA-LLIS-0686	Lessons Learned Selection of Compatible Materials for use with Fluorine	2000	NASA	0
1129	NASA-LLIS-0751	Lessons Learned Binary and Hybird Optics for Space Applications	2000	NASA	0
1130	NASA-LLIS-0771	Lessons Learned Voltage & Temperature Margin Testing	2000	NASA	0
1131	NASA-LLIS-1154	Lessons Learned - Aerospace Technology/Cancellation of Research and Development (R&D) Programs/Impact to Aviation Safety	2000	NASA	0
1132	NASA-LLIS-0866	Lessons Learned High Altitude Missions Branch Fatal Mishap	2000	NASA	0
1133	NASA-LLIS-0832	Lessons Learned Robotic Removal and Application of SRB Thermal Systems	2000	NASA	0
1134	NASA-LLIS-0655	Lessons Learned Preliminary Design Review	2000	NASA	0
1135	NASA-LLIS-0857	Lessons Learned SOFIA B747 Aircraft Towing Incident	2000	NASA	0
1136	NASA-LLIS-0980	Lessons Learned Spacecraft Interface Simulators	2000	NASA	0
1137	NASA-LLIS-0871	Lessons Learned Safety Precautions in Operational Procedures	2000	NASA	0
1138	NASA-LLIS-0836	Lessons Learned Solid Rocket Booster (SRB) Refurbishment Practices	2000	NASA	0
1139	NASA-LLIS-0912	Lessons Learned Launch Services Responsibility Under a Spacecraft Development Fixed Price Contract	2000	NASA	0

1140	NASA-LLIS-0691	Lessons Learned Spacecraft Orbital Anomaly Report System	2000	NASA	0
1141	NASA-LLIS-0725	Lessons Learned Electrical, Electronic, And Electromechanical Parts Selection Criteria For Flight Systems	2000	NASA	0
1142	NASA-LLIS-0916	Lessons Learned Inadequate MCO Contingency Maneuver Planning (1999)	2000	NASA	0
1143	NASA-LLIS-0774	Lessons Learned - Electrical Isolation Verification (DC)	2000	NASA	0
1144	NASA-LLIS-1157	Lessons Learned Aerospace Technology/Management Oversight/Flight Operations	2000	NASA	0
1145	NASA-LLIS-0826	Lessons Learned Manned Space Vehicle Battery Safety	2000	NASA	0
1146	NASA-LLIS-0801	Lessons Learned Advanced Computed X-Ray Tomography	2000	NASA	0
1147	NASA-LLIS-0736	Lessons Learned Arcjet Thruster Design Considerations for Satellites	2000	NASA	0
1148	NASA-LLIS-0765	Lessons Learned - Ultrasonic Testing of Aerospace Materials	2000	NASA	0
1149	NASA-LLIS-1148	Lessons Learned - International Space Station (ISS) Program/Computer Hardware-Software/Downlink Encryption	2000	NASA	0
1150	NASA-LLIS-0744	Lessons Learned Evaluation of Actual Operating Conditions in Hardware Designs Prior To Hazardous Testing/Operations	2000	NASA	0
1151	NASA-LLIS-0718	Lessons Learned Star Image Metrology Part 1: Visual Measurements	2000	NASA	0
1152	NASA-LLIS-0649	Lessons Learned Identification, Control, and Management of Ground Support Equipment (GSE) Critical Items	2000	NASA	0
1153	NASA-LLIS-0929	Lessons Learned Planning Effective Project Reviews (1999)	2000	NASA	0
1154	NASA-LLIS-0906	Lessons Learned AMSU-B EMI/EMC System Level Testing	2000	NASA	0
1155	NASA-LLIS-0851	Lessons Learned GHe Purging of Hydrogen Systems	2000	NASA	0
1156	NASA-LLIS-0792	Lessons Learned Radiation Design Margin Requirement	2000	NASA	0
1157	NASA-LLIS-0757	Lessons Learned The Team Approach to Fault-Tree Analysis	2000	NASA	0
1158	NASA-LLIS-0733	Lessons Learned Pre-Flight Problem/Failure Reporting Procedures	2000	NASA	0
1159	NASA-LLIS-1140	Lessons Learned Space Shuttle Program/Workforce/Qualification	2000	NASA	0
1160	NASA-LLIS-0897	Lessons Learned Approval Process for Launch Vehicle (LV)/Spacecraft (SC) Interface Control Document (ICD) Changes	2000	NASA	0
1161	NASA-LLIS-0789	Lessons Learned Subsystem Inheritance Review (SIR)	2000	NASA	0
1162	NASA-LLIS-0799	Lessons Learned Redundancy Switching Analysis	2000	NASA	0
1163	NASA-LLIS-0817	Lessons Learned Vibroacoustic Qualification Testing of Payloads, Subsystems, and Components	2000	NASA	0

1164	NASA-LLIS-0882	Lessons Learned Computer-Aided Laser Shaft Alignment of Rotating Machinery	2000	NASA	0
1165	NASA-LLIS-0667	Lessons Learned Common Review Methods for Engineering Products	2000	NASA	0
1166	NASA-LLIS-0681	Lessons Learned Concurrent Engineering Guideline for Aerospace Systems	2000	NASA	0
1167	NASA-LLIS-0838	Lessons Learned Software Design for Maintainability	2000	NASA	0
1168	NASA-LLIS-0873	Lessons Learned Use of Detailed Procedures on Critical Equipment	2000	NASA	0
1169	NASA-LLIS-0834	Lessons Learned Maintainability Considerations in Extravehicular Activities (EVA) Design: An Astronauts Perspective	2000	NASA	0
1170	NASA-LLIS-0983	Lessons Learned Fixed Price Spacecraft Contracting	2000	NASA	0
1171	NASA-LLIS-0915	Lessons Learned Propellant Management for Geosynchronous Satellite	2000	NASA	0
1172	NASA-LLIS-0689	Lessons Learned Fiber-Reinforced Polymer Composite Material Selection	2000	NASA	0
1173	NASA-LLIS-0773	Lessons Learned Design Practice to Control Interference from Electrostatic Discharge (ESD)	2000	NASA	0
1174	NASA-LLIS-0657	Lessons Learned Critical Design Review for Unmanned Missions	2000	NASA	0
1175	NASA-LLIS-0672	Lessons Learned - Application of Ablative Composites to Nozzles for Reusable Solid Rocket Motors	2000	NASA	0
1176	NASA-LLIS-0705	Lessons Learned Micrometeoroid Protection	2000	NASA	0
1177	NASA-LLIS-0800	Lessons Learned Thick Dielectric Charging/Internal Electrostatic Discharge (IESD)	2000	NASA	0
1178	NASA-LLIS-0825	Lessons Learned System Reliability Assessment Using Block Diagramming Methods	2000	NASA	0
1179	NASA-LLIS-0850	Lessons Learned Electrical Connector Protection	2000	NASA	0
1180	NASA-LLIS-0796	Lessons Learned Electromagnetic Interference Analysis of Circuit Transients	2000	NASA	0
1181	NASA-LLIS-0905	Lessons Learned NOAA-K AVHRR/HIRS Instrument Louvers Not Connected	2000	NASA	0
1182	NASA-LLIS-0648	Lessons Learned Use of Design Review Checklists for Space Shuttle Ground Support Equipment (GSE)	2000	NASA	0
1183	NASA-LLIS-0687	Lessons Learned Spacecraft Deployed Appendage Design Guidelines	2000	NASA	0
1184	NASA-LLIS-0724	Lessons Learned Maintenance Concept For Space Systems	2000	NASA	0
1185	NASA-LLIS-1111	Lessons Learned International Space Station Program/Extravehicular Activity (EVA)/Pyrotechnic Initiators	1999	NASA	0
1186	NASA-LLIS-0622	Lessons Learned Use of Obsolescent Test Facilities Pose Risk to Hardware (1997)	1999	NASA	0
1187	NASA-LLIS-1058	Lessons Learned - Space Shuttle Program/Operations-Processing/Workforce	1999	NASA	0

1188	NASA-LLIS-0860	Lessons Learned Facilities, Mod & Rehab, Added Team Member	1999	NASA	0
1189	NASA-LLIS-0631	Lessons Learned Human Factors Design Consideration for Space Flight	1999	NASA	0
1190	NASA-LLIS-1156	Lessons Learned - Aerospace Technology/Management Oversight/Flight Operations	1999	NASA	0
1191	NASA-LLIS-1127	Lessons Learned Computer Hardware-Software/Checkout and Launch Control System (CLCS)	1999	NASA	0
1192	NASA-LLIS-1066	Lessons Learned Space Shuttle Program/Operations-Processing/Metrics	1999	NASA	0
1193	NASA-LLIS-1110	Lessons Learned International Space Station Program/Radiation Exposure/Research in Health Physics	1999	NASA	0
1194	NASA-LLIS-0608	Lessons Learned Consider Language Differences When Conveying Requirements to Foreign Partners (1997)	1999	NASA	0
1195	NASA-LLIS-0640	Lessons Learned Inadequate Venting Analysis for the WIRE Spacecraft (1999)	1999	NASA	0
1196	NASA-LLIS-0623	Lessons Learned Tethered Satellite System De-integration Process Lesson Learned	1999	NASA	0
1197	NASA-LLIS-1119	Lessons Learned International Space Station (ISS) Program/Extravehicular Activity (EVA)/EMU-Orlan Suit	1999	NASA	0
1198	NASA-LLIS-1181	Lessons Learned - Interim Solutions Can Hide Defective Conditions Resulting in Catastrophic Loss	1999	NASA	0
1199	NASA-LLIS-1204	Lessons Learned Placement of Warnings in Procedural Documents	1999	NASA	0
1200	NASA-LLIS-1102	Lessons Learned Space Shuttle Program/Aircraft Operations/NASA Aircraft	1999	NASA	0
1201	NASA-LLIS-1128	Lessons Learned Computer Hardware-Software/Software Development Tools/Maintenance	1999	NASA	0
1202	NASA-LLIS-1125	Lessons Learned Computer Hardware-Software/Space Shuttle/I-Loads	1999	NASA	0
1203	NASA-LLIS-1230	Lessons Learned - Welds Near Tube Bends	1999	NASA	0
1204	NASA-LLIS-1068	Lessons Learned Space Shuttle Program/Logistics/Spares Support	1999	NASA	0
1205	NASA-LLIS-0629	Lessons Learned Fan Screen/Filter Maintenance Considerations for Space Flight Applications	1999	NASA	0
1206	NASA-LLIS-1108	Lessons Learned International Space Station Program/Crew Return Vehicle (CRV)/X-38 Risk Assessment and Testing	1999	NASA	0
1207	NASA-LLIS-1107	Lessons Learned International Space Station Program/Crew Return Vehicle (CRV)/Accelerated Development	1999	NASA	0
1208	NASA-LLIS-1216	Lessons Learned Use of "Pathfinder" Strategy to identify configuration process anomalies	1999	NASA	0
1209	NASA-LLIS-1210	Lessons Learned - Procedural Control (Deviation from Approved Procedures)	1999	NASA	0
1210	NASA-LLIS-0664	Lessons Learned SOHO Mission Interruption Joint NASA/ESA Investigation Board	1999	NASA	0
1211	NASA-LLIS-1209	Lessons Learned - Preventive Shop Practices	1999	NASA	0

1212	NASA-LLIS-1131	Lessons Learned Computer Hardware-Software/International Space Station/Software Development	1999	NASA	0
1213	NASA-LLIS-1106	Lessons Learned International Space Station Program/Hardware-Software/Integration Testing	1999	NASA	0
1214	NASA-LLIS-0610	Lessons Learned Long-Term Life Testing of Spacecraft Components	1999	NASA	0
1215	NASA-LLIS-1134	Lessons Learned - Workforce/Downsizing/Critical Skills Deficit	1999	NASA	0
1216	NASA-LLIS-1116	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Training	1999	NASA	0
1217	NASA-LLIS-0621	Lessons Learned Post Mission Hardware Drop Incident (1998)	1999	NASA	0
1218	NASA-LLIS-1109	Lessons Learned International Space Station Program/Crew/Radiation Exposure	1999	NASA	0
1219	NASA-LLIS-1117	Lessons Learned International Space Station (ISS) Program/Extravehicular Activity (EVA)/Prereathe Protocol	1999	NASA	0
1220	NASA-LLIS-1064	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1999	NASA	0
1221	NASA-LLIS-0639	Lessons Learned DS1 Ion Engine Shut-Down Anomaly (1998)	1999	NASA	0
1222	NASA-LLIS-1118	Lessons Learned International Space Station (ISS) Program/Extravehicular Activity (EVA)/Radiation Exposure	1999	NASA	0
1223	NASA-LLIS-1056	Lessons Learned - X-33 Structural Test Article (STA) Tank Incident	1999	NASA	0
1224	NASA-LLIS-1091	Lessons Learned Synchronizing Customer Requirements with Service Provisions	1999	NASA	0
1225	NASA-LLIS-1065	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1999	NASA	0
1226	NASA-LLIS-1253	Lessons Learned - Inadvertent activation of a flight termination system (FTS) during an Air Force Unmanned Aerial Vehicle (UAV) mission.	1999	NASA	0
1227	NASA-LLIS-0630	Lessons Learned Space Flight Thermal Test Considerations	1999	NASA	0
1228	NASA-LLIS-1112	Lessons Learned International Space Station (ISS) Program/Workforce/Training	1999	NASA	0
1229	NASA-LLIS-1206	Lessons Learned Status Report Systems for Complex Integrated Operations	1999	NASA	0
1230	NASA-LLIS-1121	Lessons Learned Aero-Space Technology/NASAs Three Pillars/Global Civil Aviation	1999	NASA	0
1231	NASA-LLIS-1104	Lessons Learned International Space Station Program/Hardware-Software/Qualification Testing-Verification and Validation	1999	NASA	0
1232	NASA-LLIS-1130	Lessons Learned Computer Hardware-Software/International Space Station/Software Configuration Management	1999	NASA	0
1233	NASA-LLIS-1381	Lessons Learned ProSEDS Risk Review	1999	NASA	0
1234	NASA-LLIS-0634	Lessons Learned - Transient Start-up Performance of the WIRE Pyro Electronics (1999)	1999	NASA	0
1235	NASA-LLIS-1213	Lessons Learned Configuration Control at All Levels of Change	1999	NASA	0

1236	NASA-LLIS-0748	Lessons Learned Facilities, Sprinkler Heads	1999	NASA	0
1237	NASA-LLIS-1113	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Simplified Aid for EVA Rescue (SAFER)	1999	NASA	0
1238	NASA-LLIS-1207	Lessons Learned Capitalizing on Proven Processes	1999	NASA	0
1239	NASA-LLIS-0641	Lessons Learned Mars Climate Orbiter Mishap Investigation Board - Phase I Report	1999	NASA	0
1240	NASA-LLIS-0632	Lessons Learned Designs for in-flight mating of sealing surfaces	1999	NASA	0
1241	NASA-LLIS-1103	Lessons Learned Space Shuttle Program/Operations-Processing/Training	1999	NASA	0
1242	NASA-LLIS-1120	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Simplified Aid for EVA Rescue (SAFER)	1999	NASA	0
1243	NASA-LLIS-1225	Lessons Learned - Planning of the engineering drawing process	1999	NASA	0
1244	NASA-LLIS-0624	Lessons Learned Design, Test, and Inspection of Semi-Rigid RF Cables (1997)	1999	NASA	0
1245	NASA-LLIS-1205	Lessons Learned Rivet Collars Tend to Contribute to Foreign Object Debris	1999	NASA	0
1246	NASA-LLIS-0633	Lessons Learned Need for functional performance testing	1999	NASA	0
1247	NASA-LLIS-1129	Lessons Learned Computer Hardware-Software/International Space Station/Command and Data Handling (C&DH) Upgrades	1999	NASA	0
1248	NASA-LLIS-0609	Lessons Learned Develop and Test the Launch Procedure Early (1997)	1999	NASA	0
1249	NASA-LLIS-0626	Lessons Learned Inadvertent Powering of the Deep Space 2 Mars Microprobe (1998)	1999	NASA	0
1250	NASA-LLIS-1122	Lessons Learned Aero-Space Technology/X-34 In-Flight Separation from L-1011 Carrier	1999	NASA	0
1251	NASA-LLIS-1227	Lessons Learned - Adequacy of multiple checkpoints to ensure correct installation	1999	NASA	0
1252	NASA-LLIS-1098	Lessons Learned - Establishing common policies and rules for multi-organizational processes	1999	NASA	0
1253	NASA-LLIS-1132	Lessons Learned - Computer Hardware-Software/International Space Station/Software Development	1999	NASA	0
1254	NASA-LLIS-1214	Lessons Learned Capture of Observations from Completed Missions for Post-Flight Follow-up and Lessons Learned	1999	NASA	0
1255	NASA-LLIS-0619	Lessons Learned Management & Planning, Production/Fabrication/Development	1999	NASA	0
1256	NASA-LLIS-0749	Lessons Learned Facilities, Mod/Rehab Projects, Construction Mtgs	1999	NASA	0
1257	NASA-LLIS-1114	Lessons Learned - International Space Station (ISS) Program/Extravehicular Activity (EVA)/Extravehicular Mobility Unit (EMU) Planar Hard Upper Torso (HUT)	1999	NASA	0
1258	NASA-LLIS-0635	Lessons Learned - MSFC Building 4672 Pressure Reducing Statin Grayloc Clamp Removal	1999	NASA	0
1259	NASA-LLIS-1123	Lessons Learned - Aero-Space Technology/X-Vehicle Range Safety/Authority	1999	NASA	0

1260	NASA-LLIS-0859	Lessons Learned Facilities, Complete Contract Specs. Requirements	1999	NASA	0
1261	NASA-LLIS-0611	Lessons Learned Evaluate Launch Vehicle and Services Requirements (1997)	1999	NASA	0
1262	NASA-LLIS-0612	Lessons Learned Fault Protection of Wax Thermal Actuator Applications (1998)	1999	NASA	0
1263	NASA-LLIS-0620	Lessons Learned Indoor Freon 113 Spill	1999	NASA	0
1264	NASA-LLIS-1115	Lessons Learned International Space Station (ISS) Program/Extravehicular Activity (EVA)/Research and Technology (R&T) Program	1999	NASA	0
1265	NASA-LLIS-0628	Lessons Learned Fan Screen Placement Considerations for Space Flight Applications	1999	NASA	0
1266	NASA-LLIS-1431	Lessons Learned Use of O-Ring Seal CPV-type Unions in High Pressure Systems (1999)	1999	NASA	0
1267	NASA-LLIS-1067	Lessons Learned Space Shuttle Program/Operations-Processing/Documentation	1999	NASA	0
1268	NASA-LLIS-1124	Lessons Learned Computer Hardware-Software/Space Shuttle/General Purpose Computer (GPC) Limitations	1999	NASA	0
1269	NASA-LLIS-1105	Lessons Learned International Space Station Program/Hardware/Multi-Element Integration Testing (MEIT)	1999	NASA	0
1270	NASA-LLIS-1099	Lessons Learned - Integration of Multiple Mission Objectives Amongst Programmatic Disciplines	1999	NASA	0
1271	NASA-LLIS-0627	Lessons Learned Criticality of Hardware Refurbishment Process	1999	NASA	0
1272	NASA-LLIS-1228	Lessons Learned - Circular document referencing (establishing document relationships)	1999	NASA	0
1273	NASA-LLIS-0636	Lessons Learned Incorrectly Installed Fitting	1999	NASA	0
1274	NASA-LLIS-1133	Lessons Learned - Computer Hardware-Software/International Space Station/Uplink Encryption	1999	NASA	0
1275	NASA-LLIS-1215	Lessons Learned Human factors considerations for critical hardware lifts	1999	NASA	0
1276	NASA-LLIS-1208	Lessons Learned Use of "cant fail" process to reduce chances for operator error	1999	NASA	0
1277	NASA-LLIS-0598	Lessons Learned Protect Against Corona Discharge and High Voltage Breakdown (1960s-Present)	1998	NASA	0
1278	NASA-LLIS-0588	Lessons Learned Solid Rocket Booster (SRB) Holddown Post Incident	1998	NASA	0
1279	NASA-LLIS-1275	Lessons Learned Foreign Object Debris (FOD) Contamination Control	1998	NASA	0
1280	NASA-LLIS-1052	Lessons Learned - Space Shuttle Program/Logistics/Workforce	1998	NASA	0
1281	NASA-LLIS-0589	Lessons Learned Utility Vehicle Incident	1998	NASA	0
1282	NASA-LLIS-1053	Lessons Learned - Space Shuttle Program/Logistics/Cannibalization	1998	NASA	0
1283	NASA-LLIS-1229	Lessons Learned - High electrical resistance from loose connectors	1998	NASA	0

1284	NASA-LLIS-0580	Lessons Learned - Adherence to Manufacturers Recommendations and to Established Procedures for Hazardous Operations (Plastic Cryogenic Tissue Storage Vial Burst Hazard)	1998	NASA	0
1285	NASA-LLIS-1042	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1998	NASA	0
1286	NASA-LLIS-0606	Lessons Learned - High Pressure Steam Strainer Failure	1998	NASA	0
1287	NASA-LLIS-1062	Lessons Learned International Space Station (ISS) Program/Computer Hardware-Software/Software	1998	NASA	0
1288	NASA-LLIS-1258	Lessons Learned - Control of Temporary Installations (Wire Harness Fit Check)	1998	NASA	0
1289	NASA-LLIS-0597	Lessons Learned Monitoring of On-orbit Spacecraft Health and Performance During Early Mission Checkout	1998	NASA	0
1290	NASA-LLIS-1274	Lessons Learned Planning and Design of Test Series	1998	NASA	0
1291	NASA-LLIS-1051	Lessons Learned - Space Shuttle Program/Logistics/Spares Support	1998	NASA	0
1292	NASA-LLIS-0587	Lessons Learned High Pressure Incident	1998	NASA	0
1293	NASA-LLIS-1220	Lessons Learned - Verification of program requirements at the element level	1998	NASA	0
1294	NASA-LLIS-1078	Lessons Learned Space Shuttle Program/External Tank (ET)/Super Light Weight Tank (SLWT)	1998	NASA	0
1295	NASA-LLIS-0567	Lessons Learned Provide Software Checks On All Spacecraft Command Constraints (1997)	1998	NASA	0
1296	NASA-LLIS-1212	Lessons Learned Contingency Planning for Control of Test Hardware During Anomalous Episodes	1998	NASA	0
1297	NASA-LLIS-0594	Lessons Learned ACE SEPICA Micro-machined Silicon Valve On-orbit Anomaly	1998	NASA	0
1298	NASA-LLIS-1071	Lessons Learned International Space Station (ISS) Program/Radiation Exposure/Effects on Crew	1998	NASA	0
1299	NASA-LLIS-1060	Lessons Learned International Space Station (ISS) Program/Computer Hardware-Software/Hardware	1998	NASA	0
1300	NASA-LLIS-1426	Lessons Learned Cadmium-plated High-Strength Bolts Used in High Temperature Applications (1998)	1998	NASA	0
1301	NASA-LLIS-0585	Lessons Learned Staff Continuity Enhances Low Cost, Rapid Development Projects (1996)	1998	NASA	0
1302	NASA-LLIS-0603	Lessons Learned DC-DC Converter Applications (1995)	1998	NASA	0
1303	NASA-LLIS-1076	Lessons Learned Space Shuttle Program/Logistics/Spares Support	1998	NASA	0
1304	NASA-LLIS-1048	Lessons Learned - Space Shuttle Program/External Tank (ET)/Super Light Weight Tank (SLWT)	1998	NASA	0
1305	NASA-LLIS-0593	Lessons Learned Mars Pathfinder Avionics and Flight Software Architecture (1997)	1998	NASA	0
1306	NASA-LLIS-1059	Lessons Learned International Space Station (ISS) Program/Computer Hardware-Software/Checkout and Launch Control System (CLCS)	1998	NASA	0
1307	NASA-LLIS-0604	Lessons Learned Microchip Susceptibility to Ionizing Radiation Emitted by Environment, Materials Used in Production and Processing of Computer Hardware	1998	NASA	0

1308	NASA-LLIS-0618	Lessons Learned Ruptured Paint Drum Incident	1998	NASA	0
1309	NASA-LLIS-1061	Lessons Learned International Space Station (ISS) Program/Computer Hardware-Software/Software	1998	NASA	0
1310	NASA-LLIS-0595	Lessons Learned Misapplication of Heritage Systems, Subsystems and Validation Tools on the Lewis Spacecraft	1998	NASA	0
1311	NASA-LLIS-1077	Lessons Learned - Space Shuttle Program/Reusable Solid Rocket Motor (RSRM)/Flight Support Motor (FSM)	1998	NASA	0
1312	NASA-LLIS-0586	Lessons Learned Verify Vendor Certifications of Commercial Equipment (1996)	1998	NASA	0
1313	NASA-LLIS-0625	Lessons Learned Lewis Spacecraft Mission Failure Investigation Board	1998	NASA	0
1314	NASA-LLIS-1226	Lessons Learned - Stripping of insulation from small-gauge wires	1998	NASA	0
1315	NASA-LLIS-1049	Lessons Learned - Space Shuttle Program/External Tank (ET)/Super Light Weight Tank (SLWT)	1998	NASA	0
1316	NASA-LLIS-1272	Lessons Learned Systemic Process Control Involving Organizational Departments	1998	NASA	0
1317	NASA-LLIS-1050	Lessons Learned - Space Shuttle Program/Reusable Solid Rocket Motor (RSRM)/Flight Support Motor (FSM)	1998	NASA	0
1318	NASA-LLIS-0605	Lessons Learned LOX Barge Pumping Operations; Retaining Screw and Wear Ring	1998	NASA	0
1319	NASA-LLIS-0607	Lessons Learned Handling and Storage of Flight Spares	1998	NASA	0
1320	NASA-LLIS-0596	Lessons Learned Insufficient Understanding and Agreement on "Faster, Better, Cheaper" Mission Implementation	1998	NASA	0
1321	NASA-LLIS-1079	Lessons Learned Space Shuttle Program/External Tank (ET)/Super Light Weight Tank (SLWT)	1998	NASA	0
1322	NASA-LLIS-0591	Lessons Learned Pyrovalve Blow-by May Interact Violently With Propellant (1993)	1998	NASA	0
1323	NASA-LLIS-1057	Lessons Learned - International Space Station (ISS) Program/Radiation Exposure/Effects on Crew	1998	NASA	0
1324	NASA-LLIS-1217	Lessons Learned Sharp edge hazard from break-off assemblies	1998	NASA	0
1325	NASA-LLIS-0601	Lessons Learned Need for Power Subsystem Spares (1998)	1998	NASA	0
1326	NASA-LLIS-1222	Lessons Learned - Understanding specific operational characteristics of selected design options (threaded Inserts)	1998	NASA	0
1327	NASA-LLIS-1045	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce Certification	1998	NASA	0
1328	NASA-LLIS-0600	Lessons Learned Continuous Capture of Lessons Learned During Project Lifecycle (1996)	1998	NASA	0
1329	NASA-LLIS-1054	Lessons Learned - International Space Station (ISS) Program/Hardware/Qualification Testing	1998	NASA	0
1330	NASA-LLIS-1063	Lessons Learned International Space Station (ISS) Program/Caution and Warning (C&W)/Systems Engineering	1998	NASA	0
1331	NASA-LLIS-0616	Lessons Learned Building 4777 Impeller Tip Failure	1998	NASA	0

1332	NASA-LLIS-1100	Lessons Learned Selection and Monitoring Supplier Quality	1998	NASA	0
1333	NASA-LLIS-0599	Lessons Learned In-Flight Management of Rechargeable Batteries (1992)	1998	NASA	0
1334	NASA-LLIS-0637	Lessons Learned Wide-Field Infrared Explorer (WIRE) Mishap Investigation Board	1998	NASA	0
1335	NASA-LLIS-1055	Lessons Learned - International Space Station (ISS) Program/Shuttle-Mir/Lessons Learned	1998	NASA	0
1336	NASA-LLIS-1252	Lessons Learned - Total Program Statement of Work (SOW) Process	1998	NASA	0
1337	NASA-STD-8719.7	FACILITY SYSTEM SAFETY GUIDEBOOK	1998	NASA	0
1338	NASA-LLIS-1072	Lessons Learned International Space Station (ISS) Program/Shuttle-Mir/Lessons Learned	1998	NASA	0
1339	NASA-LLIS-1044	Lessons Learned Space Shuttle Program/Operations-Processing/Structured Surveillance	1998	NASA	0
1340	NASA-LLIS-0590	Lessons Learned Mars Pathfinder Flight Software Development Process (1997)	1998	NASA	0
1341	NASA-LLIS-0584	Lessons Learned Mars Global Surveyor (MGS) Aerobraking Extra Burn Anomaly (1997)	1998	NASA	0
1342	NASA-LLIS-1224	Lessons Learned - "Deconfiguration" Prevention	1998	NASA	0
1343	NASA-LLIS-1075	Lessons Learned - Space Shuttle Program/Logistics/Workforce	1998	NASA	0
1344	NASA-LLIS-0617	Lessons Learned - Test Stand 116 Liquid Oxygen Fire Mishap Investigation	1998	NASA	0
1345	NASA-LLIS-1047	Lessons Learned - Space Shuttle Program/Operations-Processing/Workforce	1998	NASA	0
1346	NASA-LLIS-0602	Lessons Learned Commercial Electronic Parts Supplier Evaluation (1995)	1998	NASA	0
1347	NASA-LLIS-0592	Lessons Learned Conformal Coating as Moisture Protection of Electronic Circuitry in Micro Gravity	1998	NASA	0
1348	NASA-LLIS-1223	Lessons Learned Limitations of extended use of simplified modeling	1998	NASA	0
1349	NASA-LLIS-0583	Lessons Learned Test Contingency Planning Should Consider Facility Power Interruptions (1996)	1998	NASA	0
1350	NASA-LLIS-1074	Lessons Learned - Space Shuttle Program/Logistics/Cannibalization	1998	NASA	0
1351	NASA-LLIS-1046	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1998	NASA	0
1352	NASA-LLIS-0615	Lessons Learned Shuttle Hatch Opening Anomaly	1997	NASA	0
1353	NASA-LLIS-1024	Lessons Learned International Space Station (ISS) Program/Command and Data Handling/Firmware Documentation	1997	NASA	0
1354	NASA-LLIS-0556	Lessons Learned Space Weather Media Blitz	1997	NASA	0
1355	NASA-LLIS-0550	Lessons Learned Oxygen-Deficient Atmospheres	1997	NASA	0

1356	NASA-LLIS-0565	Lessons Learned Mobile Crane/Preventive Maintenance	1997	NASA	0
1357	NASA-LLIS-1003	Lessons Learned Space Shuttle Program/Orbiter/Avionics Modifications	1997	NASA	0
1358	NASA-LLIS-1013	Lessons Learned Space Shuttle Program/Logistics/Obsolescence of Parts	1997	NASA	0
1359	NASA-LLIS-0574	Lessons Learned Eliminate Potentiometers from Flight Critical Position Indicators (1995)	1997	NASA	0
1360	NASA-LLIS-0995	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1997	NASA	0
1361	NASA-LLIS-0557	Lessons Learned Test Requirements for Online Maintenance-Free Batteries (including Uninterruptible Power Supplies)	1997	NASA	0
1362	NASA-LLIS-0551	Lessons Learned Electric Power Off Button Design	1997	NASA	0
1363	NASA-LLIS-0563	Lessons Learned Electrical Connectors	1997	NASA	0
1364	NASA-LLIS-1001	Lessons Learned Space Shuttle Program/Orbiter/Auxiliary Power Unit (APU)	1997	NASA	0
1365	NASA-LLIS-0572	Lessons Learned Damage to Bipropellant Main Engines from Premature Oxidizer Depletion (1997)	1997	NASA	0
1366	NASA-LLIS-0578	Lessons Learned Cassini-Huygens Probe On-Pad Cooling Incident (1997)	1997	NASA	0
1367	NASA-LLIS-1009	Lessons Learned Space Shuttle Program/Reusable Solid Rocket Motor (RSRM)/Manufacturing & Process Control and Certification Testing	1997	NASA	0
1368	NASA-LLIS-0571	Lessons Learned Intergranular Corrosion of Austenitic Steels due to Nitriding/Heat Treating; Controls for hazardous liquid/vapor vent lines; Response to anomalous conditions during a hazardous test	1997	NASA	0
1369	NASA-LLIS-1022	Lessons Learned Computer Software/Software Safety Policy Requirements/Potential Inadequacies	1997	NASA	0
1370	NASA-LLIS-0613	Lessons Learned Solid Rocket Booster, Bonding Material Process	1997	NASA	0
1371	NASA-LLIS-0554	Lessons Learned Recognizing and Controlling Thermal Hazards During Test Planning and Test Conduct	1997	NASA	0
1372	NASA-LLIS-0581	Lessons Learned Unstable Small Electronic Dynamic Load Banks Over Long Couple Distances	1997	NASA	0
1373	NASA-LLIS-0614	Lessons Learned GSE Test Rig Installation	1997	NASA	0
1374	NASA-LLIS-1023	Lessons Learned Computer Software/Configuration Control/Verification and Validation (V&V)	1997	NASA	0
1375	NASA-LLIS-0549	Lessons Learned Utilize Project Web Page	1997	NASA	0
1376	NASA-LLIS-0564	Lessons Learned â__	1997	NASA	0
1377	NASA-LLIS-0492	Lessons Learned - Galileo High Gain Antenna (HGA) Failure (1991)	1997	NASA	0
1378	NASA-LLIS-1010	Lessons Learned Space Shuttle Program/Super Light Weight External Tank/Materials & Test and Verification Changes	1997	NASA	0
1379	NASA-LLIS-0582	Lessons Learned Informal Design Reviews Add Value to Formal Design Review Processes (1996)	1997	NASA	0

1380	NASA-LLIS-0555	Lessons Learned Breathing air system/CO2 wash out	1997	NASA	0
1381	NASA-LLIS-1012	Lessons Learned Space Shuttle Program/Logistics/Cannibalization Rates, Spares, and Repair Turnaround Times	1997	NASA	0
1382	NASA-LLIS-1018	Lessons Learned International Space Station (ISS) Program/Hazardous Materials Containment/Payload Toxic Substance Sensing	1997	NASA	0
1383	NASA-LLIS-0573	Lessons Learned Power Bus/GSE Sneak Paths May Energize Spacecraft in the Ground Test Environment (1995)	1997	NASA	0
1384	NASA-LLIS-1002	Lessons Learned Space Shuttle Program/Orbiter/Avionics Modifications	1997	NASA	0
1385	NASA-LLIS-0496	Lessons Learned - Improper Welded Joints in Rocket Engine Combustion Chamber (1995)	1997	NASA	0
1386	NASA-LLIS-1028	Lessons Learned Aeronautics Research/Aviation Safety/NASA Cooperation with Other Agencies	1997	NASA	0
1387	NASA-LLIS-1017	Lessons Learned International Space Station (ISS) Program/Caution and Warning System/Systems Engineering	1997	NASA	0
1388	NASA-LLIS-0577	Lessons Learned - Verify CAD/CAM Software Compatibility Between Organizations Before Proceeding to Hardware Fabrication (1995)	1997	NASA	0
1389	NASA-LLIS-0532	Lessons Learned Improper Facility Planning and Utilization	1997	NASA	0
1390	NASA-LLIS-0997	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1997	NASA	0
1391	NASA-LLIS-0559	Lessons Learned Redundant Verification of Critical Command Timing (1995)	1997	NASA	0
1392	NASA-LLIS-0553	Lessons Learned Communicating System Requirements	1997	NASA	0
1393	NASA-LLIS-0568	Lessons Learned Battery "Popping" During ATLO (Assembly Test and Launch Operations) Due to Horizontal Mounting	1997	NASA	0
1394	NASA-LLIS-1006	Lessons Learned Space Shuttle Program/Block II Space Shuttle Main Engine (SSME)/Test & Verification to 109% Power Level	1997	NASA	0
1395	NASA-LLIS-0488	Lessons Learned - Vacuum Pump Outlet Hazard	1997	NASA	0
1396	NASA-LLIS-1019	Lessons Learned International Space Station (ISS) Program/Communications System/Wireless Capability	1997	NASA	0
1397	NASA-LLIS-1029	Lessons Learned Space Shuttle Program/Ground Processing Operations/Environmental Requirements and Obsolescence Issues	1997	NASA	0
1398	NASA-LLIS-0533	Lessons Learned Concurrent Engineering Benefits for Low Cost, Short Duration Missions (Teaming of Disciplines) (1996)	1997	NASA	0
1399	NASA-LLIS-1027	Lessons Learned Aeronautics/Research and Development/Wind Tunnel Inspections	1997	NASA	0
1400	NASA-LLIS-1015	Lessons Learned International Space Station (ISS) Program/Micrometeoroid Debris Protection/Hazard Detection, Assessment and Control	1997	NASA	0
1401	NASA-LLIS-0531	Lessons Learned Reporting Close Calls is Important	1997	NASA	0
1402	NASA-LLIS-0575	Lessons Learned Numerically Controlled (NC) Milling: Removal of Machine Debris	1997	NASA	0
1403	NASA-LLIS-1004	Lessons Learned Space Shuttle Program/Block II Space Shuttle Main Engine (SSME)/Alternate High Pressure Fuel Turbo pump (ATP HPFTP) Design	1997	NASA	0

1404	NASA-LLIS-1025	Lessons Learned International Space Station Program/Software Development/Improved Processes	1997	NASA	0
1405	NASA-LLIS-0996	Lessons Learned Space Shuttle Program/Operations-Processing/Workforce	1997	NASA	0
1406	NASA-LLIS-0558	Lessons Learned Migration and Differential Draw Between Multiple Propellant Tanks (1997)	1997	NASA	0
1407	NASA-LLIS-0487	Lessons Learned - Long Term Materials Compatibility in Propulsion Systems (1993)	1997	NASA	0
1408	NASA-LLIS-1005	Lessons Learned Space Shuttle Program/Block II Space Shuttle Main Engine (SSME)/Test Schedule	1997	NASA	0
1409	NASA-LLIS-1011	Lessons Learned - Space Shuttle Program/SFOC Contract/Logistics Functions Transition	1997	NASA	0
1410	NASA-LLIS-0552	Lessons Learned Potential Electrical Shock Hazard Involving Light Poles on Streets and in Parking Lots	1997	NASA	0
1411	NASA-LLIS-0497	Lessons Learned - Propulsion Valve Contamination Sources in Vendor Test Facilities (1995)	1997	NASA	0
1412	NASA-LLIS-0998	Lessons Learned Integrity of Space Shuttle Processing Quality Assurance Procedures	1997	NASA	0
1413	NASA-LLIS-0560	Lessons Learned Galileo Scan Platform Anomaly at Ida Encounter (1993)	1997	NASA	0
1414	NASA-LLIS-1026	Lessons Learned Aeronautics Technology Research Center Flight Operations Consolidation/Delay in Implementation/Flight Safety Impacts	1997	NASA	0
1415	NASA-LLIS-1014	Lessons Learned International Space Station (ISS) Program/Ground Processing Schedule/Test and Verification	1997	NASA	0
1416	NASA-LLIS-0569	Lessons Learned Interface Control and Verification	1997	NASA	0
1417	NASA-LLIS-1016	Lessons Learned International Space Station (ISS) Program/Real-Time Operations/Collision Avoidance Maneuvers	1997	NASA	0
1418	NASA-LLIS-1007	Lessons Learned Space Shuttle Program/Reusable Solid Rocket Motor (RSRM)/Manufacturing & Process Control and Certification Testing	1997	NASA	0
1419	NASA-LLIS-0579	Lessons Learned - Avoid Inadvertent "Hot" Mates or Demates of Connectors (1996)	1997	NASA	0
1420	NASA-LLIS-0489	Lessons Learned - Shocking Surge Protector	1997	NASA	0
1421	NASA-LLIS-0534	Lessons Learned Materials Compatibility: Verifying Design Acceptability Prior to Manufacture and Distribution of Hardware	1997	NASA	0
1422	NASA-LLIS-1096	Lessons Learned Construction Site Safety/Handling Pressurized Pipes/Compressed Air Line	1997	NASA	0
1423	NASA-LLIS-1020	Lessons Learned International Space Station (ISS) Program/X-38 Project/Crew Return Vehicle (CRV) Development	1997	NASA	0
1424	NASA-LLIS-1030	Lessons Learned Emergency Preparedness/Firefighting Preparedness and Training/Resource Inadequacies	1997	NASA	0
1425	NASA-LLIS-1021	Lessons Learned Computer Software/Software Safety Policy Requirements/Potential Inadequacies	1997	NASA	0
1426	NASA-LLIS-1000	Lessons Learned Space Shuttle Program/Orbiter/Quality Assurance	1997	NASA	0
1427	NASA-LLIS-0562	Lessons Learned Testing With Removable Shrouds in the LaRC 8-Foot High Temperature Tunnel	1997	NASA	0

1428	NASA-LLIS-0561	Lessons Learned Voyager Plated - Through Hole Failures (1976)	1997	NASA	0
1429	NASA-LLIS-0999	Lessons Learned Space Shuttle Program/Operations-Processing/Upgrades	1997	NASA	0
1430	NASA-LLIS-0570	Lessons Learned SCUBA hose failure	1997	NASA	0
1431	NASA-LLIS-1008	Lessons Learned Space Shuttle Program/Reusable Solid Rocket Motor (RSRM)/Manufacturing & Process Control and Certification Testing	1997	NASA	0
1432	NASA-LLIS-0419	Lessons Learned SEASAT-A Synthetic Aperture Radar Coherent Leakage (1978)	1996	NASA	0
1433	NASA-LLIS-0490	Lessons Learned - Electric Shock Hazard - Russian 220v AC Circuits	1996	NASA	0
1434	NASA-LLIS-0406	Lessons Learned - B-1 Test Stand, Vent Line Overpressurization	1996	NASA	0
1435	NASA-LLIS-0433	Lessons Learned Voyager - Power Subsystem Power Distribution Flight Relay Procurement (~1975)	1996	NASA	0
1436	NASA-LLIS-0481	Lessons Learned Inadequate Exchange of Information Between Test Shifts	1996	NASA	0
1437	NASA-STD-5002	LOAD ANALYSES OF SPACECRAFT AND PAYLOADS	1996	NASA	0
1438	NASA-LLIS-0548	Lessons Learned Habitable Compartment Offgassing Test for Shuttle Middeck Payloads	1996	NASA	0
1439	NASA-LLIS-0408	Lessons Learned - Mariner71 Fuse Incident (1970)	1996	NASA	0
1440	NASA-LLIS-0434	Lessons Learned Rusty Integrated Circuits (~1973)	1996	NASA	0
1441	NASA-LLIS-0425	Lessons Learned Voyager Impact of Real-Time Commanding on Flight Operations (~1977)	1996	NASA	0
1442	NASA-LLIS-0535	Lessons Learned Design of Bonded Parts for Cryogenic Temperatures	1996	NASA	0
1443	NASA-LLIS-0424	Lessons Learned Voyager Unbalanced Attitude Control System and Thruster Impingement Effects on Navigation (~1977)	1996	NASA	0
1444	NASA-LLIS-0498	Lessons Learned - Job Hazard Analysis for Warehouse Operations	1996	NASA	0
1445	NASA-LLIS-0547	Lessons Learned Requirement for Stalled-Rotor Power in Worst-Case Thermal Analysis	1996	NASA	0
1446	NASA-LLIS-0416	Lessons Learned - Voyager - S/X-Band Antenna Subsystem Intermodulation Products at Cold Temperatures (~1976)	1996	NASA	0
1447	NASA-LLIS-0418	Lessons Learned Command Feedthrough Problem on Voyager X-Band Downlink (~1975)	1996	NASA	0
1448	NASA-LLIS-0441	Lessons Learned - Contamination of the Mars Observer Spacecraft by Environmental Conditioning (1992)	1996	NASA	0
1449	NASA-LLIS-0405	Lessons Learned - Stepping Commands Cause Positioning Problems (1970/76)	1996	NASA	0
1450	NASA-LLIS-0432	Lessons Learned Mars Observer (MO) TWTAs Were Not Qualified (while powered) for Pyrotechnic Shock (1993)	1996	NASA	0
1451	NASA-LLIS-0480	Lessons Learned - Landsat Program, Multispectral Scanner (MSS), Technology Development	1996	NASA	0

1452	NASA-LLIS-0546	Lessons Learned Venting Design for Small Pressure Changes	1996	NASA	0
1453	NASA-LLIS-0423	Lessons Learned - Viking Navigation - Unexpected Non-gravitational Acceleration Due to Lander Outgassing (1975)	1996	NASA	0
1454	NASA-LLIS-0448	Lessons Learned - Fusing Element Failure resulting from Test Integration, Test, Pyrotechnic Devices, PYRO, Electrical Explosive Devices, EED, Command Circuit, Drive Circuit	1996	NASA	0
1455	NASA-LLIS-0439	Lessons Learned - Avoid Use of PFPE-based Lubricant on Moving Surfaces of Titanium (or Other Highly Reactive Metal) Bearings (1993)	1996	NASA	0
1456	NASA-LLIS-0415	Lessons Learned Radio Frequency (RF) Breakdown in Mariner Mars 71 Flight Radio Frequency Subsystem (RFS) Components and Circuits (~1971)	1996	NASA	0
1457	NASA-LLIS-0545	Lessons Learned Ion Pump Recommendations: Baking, Ion Gauge Use	1996	NASA	0
1458	NASA-LLIS-0459	Lessons Learned - Removing the gaseous nitrogen Pressure Control Valve 214(PCV-214) in the A-2 Test Stand Pressure Reducing Area (PRA)	1996	NASA	0
1459	NASA-LLIS-0403	Lessons Learned - Thrusters Fired on Launch Pad (1975)	1996	NASA	0
1460	NASA-LLIS-0430	Lessons Learned Permeability, Swelling and Solvent-Stress-Cracking Polymeric and Elastomeric Materials (1977)	1996	NASA	0
1461	NASA-LLIS-0566	Lessons Learned Tethered Satellite System 1 Reflight (TSS-1R) Failure	1996	NASA	0
1462	NASA-LLIS-0438	Lessons Learned - Voyager Photopolarimeter Subsystem (PPS) Filter & Analyzer Wheel Step Problems (~1977)	1996	NASA	0
1463	NASA-LLIS-0499	Lessons Learned - Pressure Verification During Pressure Systems Operations and Maintenance	1996	NASA	0
1464	NASA-LLIS-0486	Lessons Learned - Conduct Post Test Examination of Lot Acceptance Hardware for Incipient Failures (1993)	1996	NASA	0
1465	NASA-LLIS-0413	Lessons Learned - Incorrect Actuations of Relays in Matrix (1975)	1996	NASA	0
1466	NASA-LLIS-0539	Lessons Learned - Safeties on Man-Accessible Panels	1996	NASA	0
1467	NASA-LLIS-0422	Lessons Learned Particles Generated by Pyrotechnic Events (1967/76)	1996	NASA	0
1468	NASA-LLIS-0417	Lessons Learned - High-voltage Capacitor Used in Voltage Doubler Circuits for Space Applications (~1978)	1996	NASA	0
1469	NASA-LLIS-0440	Lessons Learned - Radio Frequency Assignments (~1976)	1996	NASA	0
1470	NASA-LLIS-0479	Lessons Learned - XTE Instrument Problems	1996	NASA	0
1471	NASA-LLIS-0407	Lessons Learned - Helios I Communication Link Degradation Due To Interferometer Effect and Spin Modulation From Spacecraft Antenna (~1972)	1996	NASA	0
1472	NASA-LLIS-0540	Lessons Learned - Hermetic Connector Purchasing/Shipping	1996	NASA	0
1473	NASA-LLIS-0460	Lessons Learned - Glass Cased Components Fractured as a Result of Shrinkage in Coating/Bonding Materials Applied in Excessive Amounts (1963)	1996	NASA	0
1474	NASA-LLIS-0404	Lessons Learned - Traveling Wave Tube Amplifier on Martian Surface: Failure Due to Corona (1976)	1996	NASA	0
1475	NASA-LLIS-0431	Lessons Learned Mismatch of Identical Connectors, ASTROS Project, 1988 (Repeated Events: a. Galileo b. TOPEX c. Cassini)	1996	NASA	0

1476	NASA-LLIS-0414	Lessons Learned - Exciter RF Output Degradation on Mariner Mars 71 Caused by Emitter-to-Base Zenering in RF Transistors (~1971)	1996	NASA	0
1477	NASA-LLIS-0576	Lessons Learned Use of Mechanical Stops to Restrict/Prevent Equipment Rotation/Movement	1996	NASA	0
1478	NASA-LLIS-0411	Lessons Learned - Inability to Perform Inflight Checkout of Viking Lander RF Power Amplifier in High-Power Mode (~1975)	1996	NASA	0
1479	NASA-LLIS-0436	Lessons Learned - Receiver 1 Power Converter Failure on Voyager 2 (1978)	1996	NASA	0
1480	NASA-LLIS-0484	Lessons Learned - Adoption of an Earth-Orbital Propulsion System Design for a Planetary Mission (1993)	1996	NASA	0
1481	NASA-LLIS-0421	Lessons Learned Voyager II Instrument Boom Deployment Anomaly (1977)	1996	NASA	0
1482	NASA-LLIS-0543	Lessons Learned EMI Filter Selection	1996	NASA	0
1483	NASA-LLIS-0537	Lessons Learned - O-Ring Manufacture for Vacuum Sealing	1996	NASA	0
1484	NASA-LLIS-0536	Lessons Learned - Clean Room Certified Adhesive Tapes: Silicone vs. Acrylic	1996	NASA	0
1485	NASA-LLIS-0542	Lessons Learned Use of RGA Quadrupole Mass Spectrometer for Leak Detection	1996	NASA	0
1486	NASA-LLIS-0427	Lessons Learned SEASAT-A Synthetic Aperture Radar (SAR) Data Link Power Amplifier (1977) - (Revised)	1996	NASA	0
1487	NASA-LLIS-0420	Lessons Learned VO75 Pressure Regulator Leakage and Work-Around Procedures (~1976)	1996	NASA	0
1488	NASA-LLIS-0491	Lessons Learned - High -Voltage Hazard	1996	NASA	0
1489	NASA-LLIS-0541	Lessons Learned - Vacuum System Load and Ion Pump Selection	1996	NASA	0
1490	NASA-LLIS-0482	Lessons Learned - Test Delays Due to Late Set-up of Instrument Ground Support Equipment (GSE)	1996	NASA	0
1491	NASA-LLIS-0638	Lessons Learned DC-XA Clipper Graham Mishap Investigation Board Report	1996	NASA	0
1492	NASA-LLIS-0435	Lessons Learned Ground Support Equipment Failure Caused Damage to SEASAT-A (~1978)	1996	NASA	0
1493	NASA-LLIS-0483	Lessons Learned - Free Dive Hazard	1996	NASA	0
1494	NASA-LLIS-0409	Lessons Learned - Voyager Gyro Swap During Launch Phase (1977)	1996	NASA	0
1495	NASA-LLIS-0410	Lessons Learned Radio Frequency Interference Caused by Multiple Viking Spacecraft in Deep Space Station Antenna Beamwidth (1976)	1996	NASA	0
1496	NASA-LLIS-0426	Lessons Learned Surveyor Rocket Motor Almost Fired (~1965)	1996	NASA	0
1497	NASA-LLIS-0538	Lessons Learned - Place Wire Paths, MLI Blankets And Other "Soft" Items On Assembly Drawings	1996	NASA	0
1498	NASA-LLIS-0544	Lessons Learned Early EMI Testing At Component Level	1996	NASA	0
1499	NASA-LLIS-0429	Lessons Learned Low Strength Solder Joints (~1975)	1996	NASA	0

1500	NASA-LLIS-0412	Lessons Learned Voyager-Power Subsystem Coded Commands Interface with the Computer Command Subsystem (CCS) (~1975)	1996	NASA	0
1501	NASA-LLIS-0437	Lessons Learned Damaged Capped Inserts (~1976)	1996	NASA	0
1502	NASA-LLIS-0485	Lessons Learned - Isolate the Propulsion Pressurization System from the Propellant Tanks (1993)	1996	NASA	0
1503	NASA-LLIS-0402	Lessons Learned - Solderability Problem with Solder Plated Terminals (~ 1990)	1996	NASA	0
1504	NASA-LLIS-0428	Lessons Learned Electroexplosive Device Degradation with Time (~1975)	1996	NASA	0
1505	NASA-LLIS-0367	Lessons Learned - Pyro Multiple Event Indication	1995	NASA	0
1506	NASA-LLIS-0465	Lessons Learned - Crimped Electrical Connections - Scout Program	1995	NASA	0
1507	NASA-LLIS-0457	Lessons Learned - Safety Engineering Analysis of Low Hazard Systems Interfaces with High Hazard Systems	1995	NASA	0
1508	NASA-LLIS-0379	Lessons Learned - Violation of Magellan Electrical and Grounding Specification	1995	NASA	0
1509	NASA-LLIS-0386	Lessons Learned - Magellan Battery Fire	1995	NASA	0
1510	NASA-LLIS-0368	Lessons Learned - Damage of Galileo Flight Antenna from Testing	1995	NASA	0
1511	NASA-LLIS-0458	Lessons Learned - Coordination of Facilities Operations Between Facility Users and Providers of Support (e.g., maintenance) Services	1995	NASA	0
1512	NASA-LLIS-0959	Lessons Learned Solid Rocket Motor Factory Joint Insulation: Safety Factors	1995	NASA	0
1513	NASA-LLIS-0394	Lessons Learned - Voyager Scan Platform Problems	1995	NASA	0
1514	NASA-LLIS-0375	Lessons Learned Telemetry Data Return and Telecom Link Margin Strategy	1995	NASA	0
1515	NASA-LLIS-0446	Lessons Learned - Postlanding Power-Up of Spacelab	1995	NASA	0
1516	NASA-LLIS-0466	Lessons Learned - Nozzle Aging - Scout Program	1995	NASA	0
1517	NASA-LLIS-0384	Lessons Learned - Cone Angle Anomaly in Canopus Star Tracker	1995	NASA	0
1518	NASA-LLIS-0948	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Replace Zinc Chromate Putty with Polysulfide Adhesive	1995	NASA	0
1519	NASA-LLIS-0376	Lessons Learned - Galileo Spacecraft Transporter Excessive Humidity (2007 Revision)	1995	NASA	0
1520	NASA-LLIS-0393	Lessons Learned - ATMOS Laser Failure	1995	NASA	0
1521	NASA-LLIS-0957	Lessons Learned Solid Rocket Motor Nozzle Internal Seals: Dual "O" Ring Seals and Leak Check Ports	1995	NASA	0
1522	NASA-LLIS-0374	Lessons Learned - Higher Data Rates Possible Through Station Arraying	1995	NASA	0
1523	NASA-LLIS-0472	Lessons Learned - Replaceable Contacts in Electrical Connectors - Scout Program	1995	NASA	0

1524	NASA-LLIS-0956	Lessons Learned Solid Rocket Motor Case-to-Case Field Joint: Added Leak Check Port	1995	NASA	0
1525	NASA-LLIS-0392	Lessons Learned - Galileo AACS Excessive Memory Keep Alive (MKA) Current Draw	1995	NASA	0
1526	NASA-LLIS-0478	Lessons Learned - Transmit Antenna Adjustment Limits vis Bi-axial Drive Assembly - ACTS	1995	NASA	0
1527	NASA-LLIS-0400	Lessons Learned - Spacecraft Structure Dynamical Interaction with Attitude Control	1995	NASA	0
1528	NASA-LLIS-0401	Lessons Learned - Voyager Enhanced Mission Science Return	1995	NASA	0
1529	NASA-LLIS-0366	Lessons Learned - Infrared Astronomical Satellite (IRAS) Contamination Control Challenges	1995	NASA	0
1530	NASA-LLIS-0373	Lessons Learned In-Flight TWTA Anomaly	1995	NASA	0
1531	NASA-LLIS-0958	Lessons Learned Solid Rocket Motor Joint Protection System	1995	NASA	0
1532	NASA-LLIS-0378	Lessons Learned - Untestable System Mode In Flight	1995	NASA	0
1533	NASA-LLIS-0385	Lessons Learned - Hydra-Set* Applications and Hazards	1995	NASA	0
1534	NASA-LLIS-0961	Lessons Learned Space Shuttle Main Engine (SSME) Component Test Facility: Simplicity of Design	1995	NASA	0
1535	NASA-LLIS-0377	Lessons Learned Performance Decrease due to Propulsion Thruster Plume Impingement on the Voyager Spacecraft	1995	NASA	0
1536	NASA-LLIS-0396	Lessons Learned - SIR-B Antenna Feed Anomaly	1995	NASA	0
1537	NASA-LLIS-0966	Lessons Learned Space Shuttle Main Engine (SSME): Fuel System Oscillations	1995	NASA	0
1538	NASA-LLIS-0370	Lessons Learned - DDM Power Supply Failure	1995	NASA	0
1539	NASA-LLIS-0464	Lessons Learned Payload Activation	1995	NASA	0
1540	NASA-LLIS-0359	Lessons Learned - Pitot-Static Heating/Icing	1995	NASA	0
1541	NASA-LLIS-0953	Lessons Learned Solid Rocket Motor Case-to-Case Field Joint: Larger "O" rings and "O" ring grooves	1995	NASA	0
1542	NASA-LLIS-0389	Lessons Learned - In-Flight Power Converter Failure	1995	NASA	0
1543	NASA-LLIS-0476	Lessons Learned - Learning Zero-G Skills	1995	NASA	0
1544	NASA-LLIS-0962	Lessons Learned Space Shuttle Main Engine (SSME): Computer Models of Transient Performance	1995	NASA	0
1545	NASA-LLIS-0395	Lessons Learned - In-Flight Spacecraft Antenna Gain and Polarization Changes	1995	NASA	0
1546	NASA-LLIS-0447	Lessons Learned - Component Anomalies Log - Scout Program	1995	NASA	0
1547	NASA-LLIS-0960	Lessons Learned Space Shuttle Main Engine (SSME): Integrated Subsystem Test Bed	1995	NASA	0

1548	NASA-LLIS-0380	Lessons Learned - Inadequate Knowledge of Spacecraft Tape Recorder Tape Position	1995	NASA	0
1549	NASA-LLIS-0951	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: "O" Ring Compression Increase	1995	NASA	0
1550	NASA-LLIS-0387	Lessons Learned - NOAA-13 Satellite Solar Array Bus Short to Ground	1995	NASA	0
1551	NASA-LLIS-0369	Lessons Learned - Flight Software Deadly Embrace	1995	NASA	0
1552	NASA-LLIS-0467	Lessons Learned - Centaur RL10 Rocket Engine Check Valve - Atlas/Centaur Program	1995	NASA	0
1553	NASA-LLIS-0952	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Added Capture Feature	1995	NASA	0
1554	NASA-LLIS-0388	Lessons Learned - Galileo Command Data Subsystem Memory Devices (Leadless Chip Carriers) Rework Problems	1995	NASA	0
1555	NASA-LLIS-0397	Lessons Learned - Viking Spacecraft Anomalous Power Turn-On	1995	NASA	0
1556	NASA-LLIS-0381	Lessons Learned - Antenna Test Difficulty at Air Force Eastern Test Range	1995	NASA	0
1557	NASA-LLIS-0371	Lessons Learned - SEASAT Failure	1995	NASA	0
1558	NASA-LLIS-0360	Lessons Learned - Single-string Pitot-static Air Data in Inherently Unstable Aircraft	1995	NASA	0
1559	NASA-LLIS-0954	Lessons Learned Solid Rocket Motor Case-to-Case Field Joint: Added Joint Heater	1995	NASA	0
1560	NASA-LLIS-0390	Lessons Learned - Voyager Subsystem Interface Noise Problems	1995	NASA	0
1561	NASA-LLIS-0963	Lessons Learned Space Shuttle Main Engine (SSME): Start Sequence Investigations	1995	NASA	0
1562	NASA-LLIS-0965	Lessons Learned - Space Shuttle Main Engine (SSME): Turbopump Bearing Lubrication	1995	NASA	0
1563	NASA-LLIS-0398	Lessons Learned - Galileo Command and Data Subsystem (CDS) Marginal Power Supply Voltages	1995	NASA	0
1564	NASA-LLIS-0967	Lessons Learned - Space Shuttle Main Engine (SSME): Instrumented Safety Checks During Engine Startup	1995	NASA	0
1565	NASA-LLIS-0964	Lessons Learned Space Shuttle Main Engine (SSME): Dry Gaseous Purges	1995	NASA	0
1566	NASA-LLIS-0477	Lessons Learned - IRT Fan Blades	1995	NASA	0
1567	NASA-LLIS-0399	Lessons Learned - Galileo Arc Welding Anomaly	1995	NASA	0
1568	NASA-LLIS-0383	Lessons Learned - Galileo AACS Computer Memory Access Contention Problem	1995	NASA	0
1569	NASA-LLIS-0947	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Interference Fit Bondline Case and Nozzle Insulation	1995	NASA	0
1570	NASA-LLIS-0471	Lessons Learned - Contamination from Failures caused by Fluid Filters - Scout Program	1995	NASA	0
1571	NASA-LLIS-0361	Lessons Learned - Parachute Diameter and Pilot/Payload Descent Rate	1995	NASA	0

1572	NASA-LLIS-0372	Lessons Learned - Loss of Instruments Caused by Balloon-Gondola Incident	1995	NASA	0
1573	NASA-LLIS-0382	Lessons Learned - Magellan Solid Rocket Motor Safe and Arm Device	1995	NASA	0
1574	NASA-LLIS-0946	Lessons Learned Solid Rocket Motor Case-to-Nozzle Joint: Add a Pressurizing Slot in Case Insulation	1995	NASA	0
1575	NASA-LLIS-0391	Lessons Learned - Galileo Spacecraft Safing Recovery Anomalies	1995	NASA	0
1576	NASA-LLIS-0955	Lessons Learned Solid Rocket Motor Case-to-Case Field Joint: Addition of a Pressurizing "J" slot in the Case Insulation	1995	NASA	0
1577	NASA-LLIS-0517	Lessons Learned Failure of a Parachute Recovery System During a Drop Test	1994	NASA	0
1578	NASA-LLIS-0344	Lessons Learned - Solid Propellant in Contact with Porous Material, Fire	1994	NASA	0
1579	NASA-LLIS-0243	Lessons Learned - Carbon Dioxide Fire Control Systems	1994	NASA	0
1580	NASA-LLIS-0511	Lessons Learned - Placement of Aluminum Oxide Grit on Tape Aft of Nose on a NASP Forebody Model Caused Boundary Layer Transition	1994	NASA	0
1581	NASA-LLIS-0233	Lessons Learned - Exhaust Systems - Gas Cooler Collapse	1994	NASA	0
1582	NASA-LLIS-0353	Lessons Learned - Facility Failure During Testing of the Galileo Near Infrared Mapping Spectrometer (NIMS)	1994	NASA	0
1583	NASA-LLIS-0503	Lessons Learned - Periodic Evaluation of Blade Sets	1994	NASA	0
1584	NASA-LLIS-0339	Lessons Learned - Measurement of Turbulence Limited by Errors in Air Velocity Measurements	1994	NASA	0
1585	NASA-LLIS-0312	Lessons Learned ACTS Pyro Separation Band Anomaly (Shuttle Orbiter)	1994	NASA	0
1586	NASA-LLIS-0526	Lessons Learned Magnetic Field Distribution in the Magneto-Optic Imaging Instrument	1994	NASA	0
1587	NASA-LLIS-0352	Lessons Learned - Contamination Control for Susceptible Instruments	1994	NASA	0
1588	NASA-LLIS-0502	Lessons Learned - External Thermal Barrier (ETB) Retainer as a Potential Single Point Failure	1994	NASA	0
1589	NASA-LLIS-0338	Lessons Learned - The Deterioration of Display Hardware Structural Components	1994	NASA	0
1590	NASA-LLIS-0311	Lessons Learned STS-56 High Rate Data Channel Failure Impact to ATMOS Experiment	1994	NASA	0
1591	NASA-LLIS-0525	Lessons Learned Acceptance Testing, Inspection, and Securing of Air Lines	1994	NASA	0
1592	NASA-LLIS-0343	Lessons Learned - Mars Observer Inappropriate Fault Protection Response Following Contingency Mode Entry due to a Postulated Propulsion Subsystem Breach	1994	NASA	0
1593	NASA-LLIS-0261	Lessons Learned - Working Under Suspended Loads	1994	NASA	0
1594	NASA-LLIS-0470	Lessons Learned - Electrical Connectors - Scout Program	1994	NASA	0
1595	NASA-LLIS-0510	Lessons Learned - Limitations of Classical Plate Theory for Composite Materials Caused by Neglecting the Effects of Shear Deformation and Rotary Inertia	1994	NASA	0

1596	NASA-LLIS-0516	Lessons Learned Working in the Proximity of Energized Electrical Sources	1994	NASA	0
1597	NASA-LLIS-0310	Lessons Learned Mars Observer Inertial Reference Loss	1994	NASA	0
1598	NASA-LLIS-0337	Lessons Learned - A Colored Water Technique for Analyzing Complex Flow Fields	1994	NASA	0
1599	NASA-LLIS-0351	Lessons Learned - Galileo Messerschmitt-Bolkow-Blohm (MBB) Ten Newton Hot Start Phenomena	1994	NASA	0
1600	NASA-LLIS-0501	Lessons Learned - Adequate Procedures and Safeguards	1994	NASA	0
1601	NASA-LLIS-0508	Lessons Learned - Determining the Angle of Impact of an Object on a Thin-Walled Structure through Analysis of Acoustic Waves	1994	NASA	0
1602	NASA-LLIS-0358	Lessons Learned - Magellan Solar Array Drive Jitter	1994	NASA	0
1603	NASA-LLIS-0341	Lessons Learned - Hydro-Dynamic Vibration in the "Hot Dog" Area on the Top of the Main Combustion Chamber of the SSME Caused Fractures	1994	NASA	0
1604	NASA-LLIS-0258	Lessons Learned - Electrical Ground - U-Ground	1994	NASA	0
1605	NASA-LLIS-0522	Lessons Learned Consider Stress Combinations During Design Analysis, also, do not Tap and Thread Acrylic Materials that will be Under Load	1994	NASA	0
1606	NASA-LLIS-0349	Lessons Learned - Magellan (MGN) High Rocket Engine Module (REM) Temperatures	1994	NASA	0
1607	NASA-LLIS-0335	Lessons Learned - LARC Developed Digital Dynamic Stability Instrumentation with Less Drift and Scatter	1994	NASA	0
1608	NASA-LLIS-0524	Lessons Learned Torque Value on Screws After Repeated Applications of a Thread-locking Compound	1994	NASA	0
1609	NASA-LLIS-0342	Lessons Learned - Critical Hardware Functional Verification	1994	NASA	0
1610	NASA-LLIS-0462	Lessons Learned - Motor/Igniter Shelf Life - Scout Program	1994	NASA	0
1611	NASA-LLIS-0193	Lessons Learned - Damage to Wind Tunnel Components	1994	NASA	0
1612	NASA-LLIS-0169	Lessons Learned - Fire in Fueling Station During Piping Modification	1994	NASA	0
1613	NASA-LLIS-0509	Lessons Learned - Velocities of Acoustic Emission Signals in a Thin-Walled Graphite/Epoxy Tube in Agreement with Classical Plate Theory	1994	NASA	0
1614	NASA-LLIS-0350	Lessons Learned - Galileo Spacecraft Telemetry Degradation due to Antenna Multipath	1994	NASA	0
1615	NASA-LLIS-0336	Lessons Learned - Ram Air Heat Exchanger Provides Increased Cooling Capacity	1994	NASA	0
1616	NASA-LLIS-0309	Lessons Learned High Intensity Discharge Lamps	1994	NASA	0
1617	NASA-LLIS-0363	Lessons Learned - Spacecraft Receiver Degradation at Launch Site	1994	NASA	0
1618	NASA-LLIS-0523	Lessons Learned Failure in the 16 Transonic Tunnel During Testing of a Lockheed Designed Powered Turboprop Model	1994	NASA	0
1619	NASA-LLIS-0256	Lessons Learned - Desiccator Implosion	1994	NASA	0

1620	NASA-LLIS-0365	Lessons Learned - Antenna Performance Specifications Not Met	1994	NASA	0
1621	NASA-LLIS-0514	Lessons Learned - Intensity-Modulated Fiber Optic Microphone for Obtaining Measurements of Pressure Fluctuations in Hypersonic Flow Fields	1994	NASA	0
1622	NASA-LLIS-0520	Lessons Learned Investment Casting Process for Producing Net-Shape, Superconducting Ceramics	1994	NASA	0
1623	NASA-LLIS-0347	Lessons Learned - Impact of Industrial Mergers/Key Management Changes	1994	NASA	0
1624	NASA-LLIS-0445	Lessons Learned - O-Rings for Critical Seal Locations - Scout Program	1994	NASA	0
1625	NASA-LLIS-0346	Lessons Learned - Use of Heritage Designs on the Mars Observer	1994	NASA	0
1626	NASA-LLIS-0528	Lessons Learned Improperly Conceived Acceptance Tests and Original Specifications	1994	NASA	0
1627	NASA-LLIS-0505	Lessons Learned - Failure in a CPU Consisting of Two Boards could be due to Oxidation on the Connecting Pins	1994	NASA	0
1628	NASA-LLIS-0355	Lessons Learned - Galileo Photopolarimeter Radiometer (PPR) Cover Damage During Assembly and Test	1994	NASA	0
1629	NASA-LLIS-0463	Lessons Learned - Atlas Booster Engine Precision Regulator - Atlas/Centaur Program	1994	NASA	0
1630	NASA-LLIS-0527	Lessons Learned Producing a Symmetrically Smooth Time Base for Celestial Photography	1994	NASA	0
1631	NASA-LLIS-0345	Lessons Learned - Mars Observer Attitude Control Fault Protection	1994	NASA	0
1632	NASA-LLIS-0518	Lessons Learned Successful Prototype Reel Mechanism for use in the Gateway Tether Experiment	1994	NASA	0
1633	NASA-LLIS-0362	Lessons Learned - Magellan Radio Transmitter A Modulation Failure	1994	NASA	0
1634	NASA-LLIS-0512	Lessons Learned - Increased Understanding of the Effects of Lightning Strikes on Aircraft	1994	NASA	0
1635	NASA-LLIS-0519	Lessons Learned Use of Acoustic Emission for Detection of Damage Mechanisms	1994	NASA	0
1636	NASA-LLIS-0364	Lessons Learned - Galileo Retro Propulsion Module and Pyro Power System Interaction	1994	NASA	0
1637	NASA-LLIS-0513	Lessons Learned - Moisture Contamination from the Initial Electronically Scanned Pressure (ESP) Systems Module Destroyed all Remaining ESP Modules	1994	NASA	0
1638	NASA-LLIS-0340	Lessons Learned - Subsynchronous Whirl Rotor-Dynamics	1994	NASA	0
1639	NASA-LLIS-0354	Lessons Learned - ATMOS Hygroscopic Optics Degradation	1994	NASA	0
1640	NASA-LLIS-0504	Lessons Learned - Improper Handling of a Test Item Ultimately Resulted in Test Failure	1994	NASA	0
1641	NASA-LLIS-0357	Lessons Learned - Galileo Slip Ring Cleaning Problem	1994	NASA	0
1642	NASA-LLIS-0507	Lessons Learned - Prevention of LaRC T-38 Canopy Failures	1994	NASA	0
1643	NASA-LLIS-0515	Lessons Learned - High-Temperature Strain Gage	1994	NASA	0

1644	NASA-LLIS-0521	Lessons Learned Inspection Oversights Led to Model Failure	1994	NASA	0
1645	NASA-LLIS-0530	Lessons Learned Flux Measurements Providing Information on the Source/Sink Distribution of O3 and CH4 over Regions of Alaska	1994	NASA	0
1646	NASA-LLIS-0348	Lessons Learned - Magellan AACS RAM Upset During SRM Pyrotechnic Initiation	1994	NASA	0
1647	NASA-LLIS-1604	Lessons Learned - F-18 High Alpha Research Vehicle Lessons Learned	1994	NASA	0
1648	NASA-LLIS-0257	Lessons Learned - JP-4 Fuel Leak	1994	NASA	0
1649	NASA-LLIS-0324	Lessons Learned - Hazardous Material, Toxic; Explosive; Caustic; Training for Personnel	1994	NASA	0
1650	NASA-LLIS-0529	Lessons Learned Evaluation of the Fire Watch Surveillance Period	1994	NASA	0
1651	NASA-LLIS-0506	Lessons Learned - Use of Documentation to Determine whether or not a Product Contains Hazardous Substances	1994	NASA	0
1652	NASA-LLIS-0356	Lessons Learned - Loss of Spacecraft due to Shroud Failure During Launch	1994	NASA	0
1653	NASA-LLIS-0274	Lessons Learned Mars Observer Payload Data System (PDS) Exposure to Low Temperature	1993	NASA	0
1654	NASA-LLIS-0226	Lessons Learned - Valve Seats	1993	NASA	0
1655	NASA-LLIS-0315	Lessons Learned Pressure Systems, Galvanic Corrosion, Rupture, Explosion	1993	NASA	0
1656	NASA-LLIS-0250	Lessons Learned - Pressure Testing of Piping Systems	1993	NASA	0
1657	NASA-LLIS-0284	Lessons Learned In-Flight Spacecraft Fault Recovery	1993	NASA	0
1658	NASA-LLIS-0475	Lessons Learned - Fit Check of Flight Hardware	1993	NASA	0
1659	NASA-LLIS-0237	Lessons Learned - Control Valves	1993	NASA	0
1660	NASA-LLIS-0296	Lessons Learned Glitches on the Discrete Command Outputs of the Remote Interface Unit (RIU) due to Inherent Integrated Circuit Race Condition	1993	NASA	0
1661	NASA-LLIS-0316	Lessons Learned Connector Savers, Bent Pins, Open or Short Circuit	1993	NASA	0
1662	NASA-LLIS-0299	Lessons Learned - Dry Well Transducer Installations are Susceptible to Inadvertent Removal	1993	NASA	0
1663	NASA-LLIS-0329	Lessons Learned - Insulation, Solid Rocket Motor Case, Bonding, Effect of Contamination	1993	NASA	0
1664	NASA-LLIS-0227	Lessons Learned - Air Compressors	1993	NASA	0
1665	NASA-LLIS-0248	Lessons Learned - Cleaning Fluids	1993	NASA	0
1666	NASA-LLIS-0307	Lessons Learned Anomalous AMPTE/CCD Command Counter Readings	1993	NASA	0
1667	NASA-LLIS-0266	Lessons Learned - Seal Manufacturing Design and Inspection Error (Indirect Measurement of Critical Dimensions) Resulted in Material Yielding	1993	NASA	0

1668	NASA-LLIS-0334	Lessons Learned - Liquid Propulsion Systems; POGO, Instrumentation	1993	NASA	0
1669	NASA-LLIS-0275	Lessons Learned Stressed or Damaged Solder Joints on Flight Hardware Due to Thermal Cycling	1993	NASA	0
1670	NASA-LLIS-0293	Lessons Learned Component Failure due to Application of Identification Markings on Sealing Surface	1993	NASA	0
1671	NASA-LLIS-0474	Lessons Learned Telephone System Failure	1993	NASA	0
1672	NASA-LLIS-0272	Lessons Learned Flight Anomaly of Atmospheric Trace Molecule Spectroscopy (ATMOS) Instrument, Risk Assessment	1993	NASA	0
1673	NASA-LLIS-0461	Lessons Learned - H-1 Test Stand Construction project	1993	NASA	0
1674	NASA-LLIS-0313	Lessons Learned Electrical Cable, Splicing	1993	NASA	0
1675	NASA-LLIS-0015	Lessons Learned - Torque Requirements Aligned to Fitting Sizes	1993	NASA	0
1676	NASA-LLIS-0282	Lessons Learned Relay Hangup Upon Power Removal	1993	NASA	0
1677	NASA-LLIS-0255	Lessons Learned - Grinding Wheel Detachment	1993	NASA	0
1678	NASA-LLIS-0322	Lessons Learned - Radiation, Effect on Windows and Optical Instruments	1993	NASA	0
1679	NASA-LLIS-0235	Lessons Learned - Wind Turbine Generator	1993	NASA	0
1680	NASA-LLIS-0281	Lessons Learned Galileo Attitude Control Power on Reset Problem	1993	NASA	0
1681	NASA-LLIS-0321	Lessons Learned - Spring Actuated Deployables, Design Considerations	1993	NASA	0
1682	NASA-LLIS-0244	Lessons Learned - Water System Contamination	1993	NASA	0
1683	NASA-LLIS-0263	Lessons Learned - Emergency Planning - Fire Fighting	1993	NASA	0
1684	NASA-LLIS-0304	Lessons Learned SIR-C Low Noise Amplifier Recovery Time too Long	1993	NASA	0
1685	NASA-LLIS-0331	Lessons Learned - Quality Assurance Expertise in Special Technical Areas (e.g. optics)	1993	NASA	0
1686	NASA-LLIS-0292	Lessons Learned Selection of Critical Test Parameters and Conditions for Monitoring Hardware or System Performance (Such as Temperature of Computer Electronics)	1993	NASA	0
1687	NASA-LLIS-0297	Lessons Learned Integrated Circuit Damage due to Capacitor Residual Charge	1993	NASA	0
1688	NASA-LLIS-0273	Lessons Learned TOPEX/POSEIDON Solar Array Drive (SAD) Drop	1993	NASA	0
1689	NASA-LLIS-0314	Lessons Learned Contamination, Silicone; Effect on Bonding	1993	NASA	0
1690	NASA-LLIS-0249	Lessons Learned - SKYLAB Pressure Vessel Rupture	1993	NASA	0
1691	NASA-LLIS-0294	Lessons Learned Studs and Tapped Holes	1993	NASA	0

1692	NASA-LLIS-1090	Lessons Learned - Pegasus/SCD 1 Launch Anomaly Review Committee Final Report of March 1993	1993	NASA	0
1693	NASA-LLIS-0264	Lessons Learned - Control of Operations Involving Adjustment, Modification, or Maintenance of Fluid or Pressurized Systems (Such as Wet Pipe Fire Suppression Systems)	1993	NASA	0
1694	NASA-LLIS-0332	Lessons Learned - Quality Assurance Access to Critical Areas, Management	1993	NASA	0
1695	NASA-LLIS-0216	Lessons Learned - Altitude Tanks Vacuum Pumps	1993	NASA	0
1696	NASA-LLIS-0305	Lessons Learned Galileo Retro Propulsion Module (RPM) Flow Decay Problem	1993	NASA	0
1697	NASA-LLIS-0245	Lessons Learned - Cartridge Powered Tools	1993	NASA	0
1698	NASA-LLIS-0444	Lessons Learned - Electrical Connectors	1993	NASA	0
1699	NASA-LLIS-0265	Lessons Learned Spontaneous Ignition of Tar Saturated Mops used for Roof Repairs	1993	NASA	0
1700	NASA-LLIS-0333	Lessons Learned - Evaluation of in-flight anomalies in real or near-real time via rapidly received diagnostics; safing; safemode	1993	NASA	0
1701	NASA-LLIS-0306	Lessons Learned Galileo/Ulysses Helicoil/Bolt Problems on RTGS	1993	NASA	0
1702	NASA-LLIS-0247	Lessons Learned - Hydrogen Detectors	1993	NASA	0
1703	NASA-LLIS-0295	Lessons Learned Manufacturing Defects (Burrs) Becoming Loose Particles and Jamming Meshing Parts of Critical Components (Orbiter Hydraulic Pump)	1993	NASA	0
1704	NASA-LLIS-0319	Lessons Learned - Principle Investigator Knowledge of Payload Carrier (Spacelab, Shuttle Orbiter, Experiment Support Structure)	1993	NASA	0
1705	NASA-LLIS-0283	Lessons Learned Magellan (MGN) High Electronic Temperatures	1993	NASA	0
1706	NASA-LLIS-0473	Lessons Learned - Storage Battery Explosion	1993	NASA	0
1707	NASA-LLIS-0323	Lessons Learned - B-nuts, Fluid Lines, Leakage, Inadequate Torque	1993	NASA	0
1708	NASA-LLIS-0236	Lessons Learned - Hydraulic Lift Gates	1993	NASA	0
1709	NASA-LLIS-0232	Lessons Learned - Exhaust Gas Cooler	1993	NASA	0
1710	NASA-LLIS-0268	Lessons Learned Cracks in the Body of Dual Inline Package (DIP) Components in the ASTROS Star Tracker Electronic Assembly	1993	NASA	0
1711	NASA-LLIS-0276	Lessons Learned Inadequate Ground Data Processor	1993	NASA	0
1712	NASA-LLIS-0251	Lessons Learned - Liquid Oxygen Spills	1993	NASA	0
1713	NASA-LLIS-0317	Lessons Learned Sneak Circuit Analysis	1993	NASA	0
1714	NASA-LLIS-0278	Lessons Learned Inadequate Time Allocated for Planning for DSN Support	1993	NASA	0
1715	NASA-LLIS-0468	Lessons Learned - Operation Training for KSC Personnel	1993	NASA	0

1716	NASA-LLIS-0301	Lessons Learned Electrostatic Discharge (ESD) Wrist Strap Contamination of Magellan Flight Hardware	1993	NASA	0
1717	NASA-LLIS-0240	Lessons Learned - Pneumatic Explosion	1993	NASA	0
1718	NASA-LLIS-0260	Lessons Learned - Stainless Steel Tubing Residue	1993	NASA	0
1719	NASA-LLIS-0327	Lessons Learned - Solid Propellant, Fire	1993	NASA	0
1720	NASA-LLIS-0469	Lessons Learned Special Tests at KSC	1993	NASA	0
1721	NASA-LLIS-0267	Lessons Learned - TOPEX/POSEIDON Near-Drop Incident	1993	NASA	0
1722	NASA-LLIS-0298	Lessons Learned Conflagration of a High Pressure Gaseous Oxygen System from Rapid Venting and Particle Impact Following a Unexpected (Well Below Rating) Burst Disc Failure	1993	NASA	0
1723	NASA-LLIS-0308	Lessons Learned Solder Balls in Flight Modules	1993	NASA	0
1724	NASA-LLIS-0219	Lessons Learned - High Pressure Steam Line Valves	1993	NASA	0
1725	NASA-LLIS-0325	Lessons Learned - Flight Equipment Rack, Structural Support During Ground Operations	1993	NASA	0
1726	NASA-LLIS-0238	Lessons Learned - Altitude Exhausters	1993	NASA	0
1727	NASA-LLIS-0285	Lessons Learned Wide Field/Planetary Camera II (WF/PC II) Charge Coupled Device (CCD) Failure	1993	NASA	0
1728	NASA-LLIS-0286	Lessons Learned Galileo NIMS Cooler Cover Ejection Anomaly	1993	NASA	0
1729	NASA-LLIS-0326	Lessons Learned - Experiment Dedicated Equipment Racks, Standard Utility Interfaces	1993	NASA	0
1730	NASA-LLIS-0259	Lessons Learned - Vacuum Detection Systems	1993	NASA	0
1731	NASA-LLIS-0211	Lessons Learned - Fluidized Bed Furnace	1993	NASA	0
1732	NASA-LLIS-0168	Lessons Learned - Hydrogen Detonation in Propellant Piping Systems	1993	NASA	0
1733	NASA-LLIS-0277	Lessons Learned Closure of the TDL During Flight Operations	1993	NASA	0
1734	NASA-LLIS-0300	Lessons Learned - Fire Extinguisher Placement Delayed Firefighting Efforts in an Aircraft Maintenance Area	1993	NASA	0
1735	NASA-LLIS-0228	Lessons Learned - Vacuum Brazing Furnace	1993	NASA	0
1736	NASA-LLIS-0287	Lessons Learned Magellan Power Control Unit Failure During Test	1993	NASA	0
1737	NASA-LLIS-0269	Lessons Learned Magellan Star Scanner Unit False Star Sightings	1993	NASA	0
1738	NASA-LLIS-0239	Lessons Learned - Lifting Slings for Cranes	1993	NASA	0
1739	NASA-LLIS-0279	Lessons Learned Exclusive use of Relative Spatial Positioning Commands for Mechanisms	1993	NASA	0

1740	NASA-LLIS-0318	Lessons Learned - Mission Assignment of Experiments Which are in a Very Early Stage of Development (Concept Stage or Preliminary Requirements Stage)	1993	NASA	0
1741	NASA-LLIS-0252	Lessons Learned - Roof Penetration Coverings	1993	NASA	0
1742	NASA-LLIS-0231	Lessons Learned - Cooling Towers	1993	NASA	0
1743	NASA-LLIS-0204	Lessons Learned - Wind Tunnel Model - Analysis Failure	1993	NASA	0
1744	NASA-LLIS-0328	Lessons Learned - Solid Propellant, Electro-Static Discharge Ignition	1993	NASA	0
1745	NASA-LLIS-0242	Lessons Learned - Hydrogen Vent Stacks	1993	NASA	0
1746	NASA-LLIS-0302	Lessons Learned Galileo Wiring Harness Contact Crimp Problem	1993	NASA	0
1747	NASA-LLIS-0288	Lessons Learned Galileo Spacecraft Safing During Star Scanner Calibration	1993	NASA	0
1748	NASA-LLIS-0270	Lessons Learned Planning for Spacecraft Real-Time Commanding	1993	NASA	0
1749	NASA-LLIS-0289	Lessons Learned Magellan In-Flight Solar Array Deployment Indication	1993	NASA	0
1750	NASA-LLIS-0241	Lessons Learned - High Pressure Steel Pipes	1993	NASA	0
1751	NASA-LLIS-0290	Lessons Learned Training/Certification for Personnel Installing Hardware	1993	NASA	0
1752	NASA-LLIS-0246	Lessons Learned - Lifting Equipment	1993	NASA	0
1753	NASA-LLIS-0223	Lessons Learned - Cable Pulley Assemblies	1993	NASA	0
1754	NASA-LLIS-0271	Lessons Learned Mars Observer Pressure Modulator Infrared Radiometer (PMIRR) Cooler Failure During Vibration Testing	1993	NASA	0
1755	NASA-LLIS-0291	Lessons Learned Design of Dust Covers for Systems Requiring Forced Air Ventilation (Such as Electronics Systems)	1993	NASA	0
1756	NASA-LLIS-0254	Lessons Learned - Liquified Gas Dewars	1993	NASA	0
1757	NASA-LLIS-0320	Lessons Learned - Crew Training for On-Orbit Operation of Payload Equipment	1993	NASA	0
1758	NASA-LLIS-0253	Lessons Learned - Surge Protectors	1993	NASA	0
1759	NASA-LLIS-0280	Lessons Learned Galileo Power Subsystem Internal Voltage Drop	1993	NASA	0
1760	NASA-LLIS-0330	Lessons Learned - Debonding Due to Pressure Trapped in Voids with Subsequent Exposure to External Reduced Pressure	1993	NASA	0
1761	NASA-LLIS-0262	Lessons Learned - Concurrent Real-Time Operations and Advanced Planning	1993	NASA	0
1762	NASA-LLIS-0303	Lessons Learned Galileo Spin Bearing Lubricant Problem	1993	NASA	0
1763	NASA-LLIS-0214	Lessons Learned - Design, Performance, and Launch Commit Criteria	1992	NASA	0

1764	NASA-LLIS-0077	Lessons Learned - OMS/RCS System Control Logic	1992	NASA	0
1765	NASA-LLIS-1088	Lessons Learned - ARC Table Saw Mishap Investigation Board Report of March 9, 1992	1992	NASA	0
1766	NASA-LLIS-0442	Lessons Learned - Pre-Run Checklists	1992	NASA	0
1767	NASA-LLIS-0130	Lessons Learned - Fuel Cell Coolant Loop Vacuum Pump	1992	NASA	0
1768	NASA-LLIS-0195	Lessons Learned - Orbiter Software Upgrades.	1992	NASA	0
1769	NASA-LLIS-0170	Lessons Learned - OPF Payload Bay Bucket Limit Switches.	1992	NASA	0
1770	NASA-LLIS-0109	Lessons Learned - Space Shuttle Main Engine (SSME) Work Stands	1992	NASA	0
1771	NASA-LLIS-0091	Lessons Learned - External Tank Electrical Components	1992	NASA	0
1772	NASA-LLIS-0162	Lessons Learned - Orbiter/ET Feedline Mating Stud Tensioner.	1992	NASA	0
1773	NASA-LLIS-0186	Lessons Learned - Intertank Access Arm.	1992	NASA	0
1774	NASA-LLIS-0068	Lessons Learned - Unprotected Auxiliary Light Sources	1992	NASA	0
1775	NASA-LLIS-0205	Lessons Learned - Hardware Interface Module (HIM)	1992	NASA	0
1776	NASA-LLIS-0097	Lessons Learned - Oxygen (O2) Meter Installations	1992	NASA	0
1777	NASA-LLIS-0093	Lessons Learned - Loose Access Door Reporting and Securing; Contamination Air Plenum Access Door Hinges	1992	NASA	0
1778	NASA-LLIS-0098	Lessons Learned - Displacement Leak Detector	1992	NASA	0
1779	NASA-LLIS-0234	Lessons Learned - Clean Room F.O.D.	1992	NASA	0
1780	NASA-LLIS-0187	Lessons Learned - Hydrogen Vent Umbilical.	1992	NASA	0
1781	NASA-LLIS-0206	Lessons Learned - Inertial Upper Stage (IUS) Propellant Tank Assemblies (PTAs)	1992	NASA	0
1782	NASA-LLIS-0069	Lessons Learned - Explosion Proof AC Connectors	1992	NASA	0
1783	NASA-LLIS-0101	Lessons Learned - Proof Load Test Fixture	1992	NASA	0
1784	NASA-LLIS-0500	Lessons Learned - Fasteners	1992	NASA	0
1785	NASA-LLIS-1186	Lessons Learned - Railroad Maintenance Contractor Boom Crane Mishap Investigation Team Report of April 9, 1992	1992	NASA	0
1786	NASA-LLIS-0163	Lessons Learned - 750 psig GN2 Supply	1992	NASA	0
1787	NASA-LLIS-0086	Lessons Learned - Maintenance of Environmental Control System (ECS) fans	1992	NASA	0

1788	NASA-LLIS-0179	Lessons Learned - Solid Rocket Motor (SRM) Static Testing	1992	NASA	0
1789	NASA-LLIS-0118	Lessons Learned - Mobile Launch Platform (MLP) Air-arcng Operation	1992	NASA	0
1790	NASA-LLIS-0032	Lessons Learned - Displaced Heating, Ventilating, Air Conditioning (HVAC) Controls	1992	NASA	0
1791	NASA-LLIS-0154	Lessons Learned - Pneumatic and Fluid Quick Disconnects.	1992	NASA	0
1792	NASA-LLIS-0222	Lessons Learned - Obsolescent Parts	1992	NASA	0
1793	NASA-LLIS-0059	Lessons Learned - RCS Thruster Heater Power During Ferry Flight Stopovers; RCS Thruster Ferry Plug Removal; Hypergol Exhaust System Indicator Lamp	1992	NASA	0
1794	NASA-LLIS-0085	Lessons Learned - Lifting Portable Purge Units	1992	NASA	0
1795	NASA-LLIS-0178	Lessons Learned - Solid Rocket Motor (SRM) O-ring Processing	1992	NASA	0
1796	NASA-LLIS-0153	Lessons Learned - Hypergol Spill Aspirators.	1992	NASA	0
1797	NASA-LLIS-0124	Lessons Learned - Payload Bay Duct Heater Overtemp	1992	NASA	0
1798	NASA-LLIS-0150	Lessons Learned - Quick Disconnect (QD)/Filter Assembly Set (POD) Operations	1992	NASA	0
1799	NASA-LLIS-0117	Lessons Learned - Helicopter Hydraulic Line Chafing	1992	NASA	0
1800	NASA-LLIS-0031	Lessons Learned - Maintenance of High, Exposed Equipment	1992	NASA	0
1801	NASA-LLIS-0076	Lessons Learned - Thermal Protection System Components	1992	NASA	0
1802	NASA-LLIS-0213	Lessons Learned - Flight Experience Data Base	1992	NASA	0
1803	NASA-LLIS-0095	Lessons Learned - OPF Extendable Platforms	1992	NASA	0
1804	NASA-LLIS-0087	Lessons Learned - Payload Retention Latch Assembly (PRLA)	1992	NASA	0
1805	NASA-LLIS-0108	Lessons Learned - Gaseous Helium Injection During Slow LOX Fill	1992	NASA	0
1806	NASA-LLIS-0194	Lessons Learned - Space Shuttle Automatic Landing Capabilities.	1992	NASA	0
1807	NASA-LLIS-0149	Lessons Learned - Space Shuttle Main Engine (SSME) Vertical Installer Operations	1992	NASA	0
1808	NASA-LLIS-0185	Lessons Learned - Space Shuttle Main Engine (SSME) Testing	1992	NASA	0
1809	NASA-LLIS-0067	Lessons Learned - Retractable Platform Hinge Mounts Secured With Pop Rivets	1992	NASA	0
1810	NASA-LLIS-0040	Lessons Learned - Space Shuttle Main Engine (SSME) Access	1992	NASA	0
1811	NASA-LLIS-0123	Lessons Learned - Loads Imposed on Stabilizing Frame During Mate/demate Operations	1992	NASA	0

1812	NASA-LLIS-0039	Lessons Learned - SSME Oxygen Lines	1992	NASA	0
1813	NASA-LLIS-0092	Lessons Learned - Spent Booster Segment Handling Operation	1992	NASA	0
1814	NASA-LLIS-0106	Lessons Learned - Radiographic Inspections	1992	NASA	0
1815	NASA-LLIS-0065	Lessons Learned - Mercury Switch Terminals	1992	NASA	0
1816	NASA-LLIS-0202	Lessons Learned - Ice Team Inspection	1992	NASA	0
1817	NASA-LLIS-0159	Lessons Learned - Line Replaceable Unit (LRU) Hoisting Operations	1992	NASA	0
1818	NASA-LLIS-0183	Lessons Learned - Solid Rocket Motor (SRM) Segments Transportation	1992	NASA	0
1819	NASA-LLIS-0037	Lessons Learned - Vacuum Servicing Unit	1992	NASA	0
1820	NASA-LLIS-0121	Lessons Learned - Orbiter Vehicle (OV) Hydrogen (H2) Tank Removal	1992	NASA	0
1821	NASA-LLIS-0192	Lessons Learned - Orbiter Body Flap	1992	NASA	0
1822	NASA-LLIS-0128	Lessons Learned - Main Landing Gear (MLG) Tire Rupture During Postlanding Operations	1992	NASA	0
1823	NASA-LLIS-0074	Lessons Learned - Pad B External Tank (ET) Platform Hoist	1992	NASA	0
1824	NASA-LLIS-0113	Lessons Learned - Space Shuttle Main Engine (SSME) Vertical Installer	1992	NASA	0
1825	NASA-LLIS-0191	Lessons Learned - Preintegrated Truss (PIT) Sections for Space Station Freedom	1992	NASA	0
1826	NASA-LLIS-0073	Lessons Learned - MLP 3 SRB Engine Service Platform Hoists	1992	NASA	0
1827	NASA-LLIS-0210	Lessons Learned - High Voltage Electric Circuits	1992	NASA	0
1828	NASA-LLIS-0167	Lessons Learned - Forward Reaction Control System (FRCS) Access	1992	NASA	0
1829	NASA-LLIS-0177	Lessons Learned - Solid Rocket Motor (SRM) O-ring	1992	NASA	0
1830	NASA-LLIS-0230	Lessons Learned - Operational Maintenance and Inspection Program (OMP)	1992	NASA	0
1831	NASA-LLIS-0147	Lessons Learned - OMS Engine Injector Ball Joints	1992	NASA	0
1832	NASA-LLIS-0135	Lessons Learned - Vertical Assembly Building (VAB) Major Lifting Operations	1992	NASA	0
1833	NASA-LLIS-0200	Lessons Learned - Adverse Environmental Conditions During Launch	1992	NASA	0
1834	NASA-LLIS-0027	Lessons Learned - Environmental Control and Life Support System (ECLSS) Servicing Console	1992	NASA	0
1835	NASA-LLIS-0175	Lessons Learned - Solid Rocket Motor (SRM) Field Joints	1992	NASA	0

1836	NASA-LLIS-0082	Lessons Learned - Dynatube Leak Checks	1992	NASA	0
1837	NASA-LLIS-0056	Lessons Learned - Inadvertent Quick Disconnect (Q.D.) Nipple Separation	1992	NASA	0
1838	NASA-LLIS-0058	Lessons Learned - Equipment Tethering	1992	NASA	0
1839	NASA-LLIS-0084	Lessons Learned - Environmental Control System (ECS) Purge of Orbiter Compartments	1992	NASA	0
1840	NASA-LLIS-0221	Lessons Learned - Failure Analysis	1992	NASA	0
1841	NASA-LLIS-0176	Lessons Learned - Solid Rocket Motor (SRM) Field Joints and Configuration	1992	NASA	0
1842	NASA-LLIS-0030	Lessons Learned - Gaseous Nitrogen (GN2) Tank Lifting Operations	1992	NASA	0
1843	NASA-LLIS-0152	Lessons Learned - Reaction Control System (RCS) Primary Thruster Plug Assembly	1992	NASA	0
1844	NASA-LLIS-0137	Lessons Learned - Operations and Checkout (O&C) 4-ton Monorail Crane Operations	1992	NASA	0
1845	NASA-LLIS-0116	Lessons Learned - External Tank (ET) and Solid Rocket Booster (SRB) Demating Operations	1992	NASA	0
1846	NASA-LLIS-0075	Lessons Learned - Breakout Boxes	1992	NASA	0
1847	NASA-LLIS-0212	Lessons Learned - Orbiter Computer Systems	1992	NASA	0
1848	NASA-LLIS-0107	Lessons Learned - LH2 Leakage at the 8" T-0 Flexhose QD/Interface	1992	NASA	0
1849	NASA-LLIS-0129	Lessons Learned - The Oxygen Vent System.	1992	NASA	0
1850	NASA-LLIS-0094	Lessons Learned - Thruster Purge Operations	1992	NASA	0
1851	NASA-LLIS-0229	Lessons Learned - Flight Schedules	1992	NASA	0
1852	NASA-LLIS-0203	Lessons Learned - Corrosion of Base Materials by Reaction Products Resulted from the Expected Release of Small Quantities of a Hypergolic Propellant (Nitrogen Tetroxide, N2O4) Reacting with Externally Applied Tape on Nearby Component.	1992	NASA	0
1853	NASA-LLIS-0066	Lessons Learned - Dewar Vent Plumbing	1992	NASA	0
1854	NASA-LLIS-0184	Lessons Learned - LO2/LH2 Vent and Relief Position Indicator Switch	1992	NASA	0
1855	NASA-LLIS-0148	Lessons Learned - Reaction Control System (RCS) Thruster Valves	1992	NASA	0
1856	NASA-LLIS-0122	Lessons Learned - Slack Removal from Hoisting Sling	1992	NASA	0
1857	NASA-LLIS-0145	Lessons Learned - Portable Hypergol Checkout Panels.	1992	NASA	0
1858	NASA-LLIS-0038	Lessons Learned - Undetected GH2 Release in the OPF	1992	NASA	0

1859	NASA-LLIS-0160	Lessons Learned - Payload Bay Access Bridge Bucket	1992	NASA	0
1860	NASA-LLIS-0057	Lessons Learned - Fuel Farm Fire Detection, Suppression and Alarm System; Fuel Farm Firex Deluge System Operations; SCAPE Van Personnel Protective Equipment; Communications During Hazardous Operations	1992	NASA	0
1861	NASA-LLIS-0220	Lessons Learned - Orbiter Logistics and Support Systems	1992	NASA	0
1862	NASA-LLIS-0083	Lessons Learned - Portable Purge Unit (PPU) Exceeds Recommended Noise Levels	1992	NASA	0
1863	NASA-LLIS-0136	Lessons Learned - Payload Canister Transporter (PCT) Diesel Fueling Operation	1992	NASA	0
1864	NASA-LLIS-0115	Lessons Learned - Payload Bay Door (PBD) Opening/Closing Operations	1992	NASA	0
1865	NASA-LLIS-0028	Lessons Learned - Extension of Orbiter Access Arm (OAA)	1992	NASA	0
1866	NASA-LLIS-0151	Lessons Learned - Throat Plug and Purge Adapter Assembly Grounding	1992	NASA	0
1867	NASA-LLIS-0100	Lessons Learned - Silver Zinc Battery	1992	NASA	0
1868	NASA-LLIS-0189	Lessons Learned - Space Shuttle Processing Documentation	1992	NASA	0
1869	NASA-LLIS-0208	Lessons Learned - Solid Rocket Booster (SRB) Hydraulic Tank; Task Teams	1992	NASA	0
1870	NASA-LLIS-0071	Lessons Learned - Fork-lift Crown Manaboard Steering Control Electronics	1992	NASA	0
1871	NASA-LLIS-0112	Lessons Learned - LH2 Vent Line Valves	1992	NASA	0
1872	NASA-LLIS-0133	Lessons Learned - Orbiter Avionics System.	1992	NASA	0
1873	NASA-LLIS-0217	Lessons Learned - Galileo Retro Propulsion Module Oxidizer Leak During Loading	1992	NASA	0
1874	NASA-LLIS-0080	Lessons Learned - SRB Holddown Stud Detensioning Operation	1992	NASA	0
1875	NASA-LLIS-0054	Lessons Learned - Excessive Release of Nitrogen Tetroxide (N2O4); Public Address Statements; Pinhole Leaks in SCAPE Suits	1992	NASA	0
1876	NASA-LLIS-0198	Lessons Learned - Launch Complex Systems Performance	1992	NASA	0
1877	NASA-LLIS-0025	Lessons Learned - Release of Toxic Hypergolic Fluids/vapors During Payload Processing	1992	NASA	0
1878	NASA-LLIS-0173	Lessons Learned - Deservicing and Weather Protection at Dryden Flight Research Center (DFRC).	1992	NASA	0
1879	NASA-LLIS-0079	Lessons Learned - LH2 Flow Test at the LETF	1992	NASA	0
1880	NASA-LLIS-0120	Lessons Learned - Liquid Tanker (LT) Liquid Level Indicator (LLI) Reliability, Float Assembly Movement, and Float Assembly Specific Gravity (SG)	1992	NASA	0
1881	NASA-LLIS-0140	Lessons Learned - Suspended Load Operations	1992	NASA	0
1882	NASA-LLIS-0034	Lessons Learned - Cryogenic Loading/Draining of the Main Propulsion System (MPS)	1992	NASA	0

1883	NASA-LLIS-0156	Lessons Learned - Hydraulic Control Panels.	1992	NASA	0
1884	NASA-LLIS-0181	Lessons Learned - Forward Reaction Control System (FRCS) Mezzanine Platform	1992	NASA	0
1885	NASA-LLIS-0062	Lessons Learned - LRU Platform Hoist and Tube Assembly; Platform Hoist Tube Assembly "UP" Limit Switch Bypass	1992	NASA	0
1886	NASA-LLIS-0089	Lessons Learned - Orbiter Structural Integrity	1992	NASA	0
1887	NASA-LLIS-0225	Lessons Learned - Solid Rocket Motor (SRM) Processing Operations	1992	NASA	0
1888	NASA-LLIS-1340	Lessons Learned SSME 2032 Test 901-674 Shutdown Mishap Investigation Board Report of March 3, 1992	1992	NASA	0
1889	NASA-LLIS-0103	Lessons Learned - Draeger Pump	1992	NASA	0
1890	NASA-LLIS-0125	Lessons Learned - Orbiter Compartment Overpressurization	1992	NASA	0
1891	NASA-LLIS-0119	Lessons Learned - Solid Rocket Motor (SRM) Segment and Handling Ring Mating	1992	NASA	0
1892	NASA-LLIS-0165	Lessons Learned - Orbiter Heat Shield.	1992	NASA	0
1893	NASA-LLIS-0139	Lessons Learned - Postlanding Orbiter Compartment Vapor Sampling	1992	NASA	0
1894	NASA-LLIS-1089	Lessons Learned - TOPEX/POSEIDON Spacecraft Handling Anomaly Special Review Board Final Report of May 29, 1992	1992	NASA	0
1895	NASA-LLIS-0061	Lessons Learned - Crane Load Cell System	1992	NASA	0
1896	NASA-LLIS-0088	Lessons Learned - Orbiter Weather Protection System	1992	NASA	0
1897	NASA-LLIS-0224	Lessons Learned - Flight Hardware Performance Evaluation	1992	NASA	0
1898	NASA-LLIS-0180	Lessons Learned - Solid Rocket Motor (SRM) Sealing Surfaces	1992	NASA	0
1899	NASA-LLIS-0033	Lessons Learned - External Tank (ET) Vent System Withdrawal Weight Securing Device	1992	NASA	0
1900	NASA-LLIS-0155	Lessons Learned - OPF Platform 13	1992	NASA	0
1901	NASA-LLIS-0443	Lessons Learned - High Voltage Electric Circuits	1992	NASA	0
1902	NASA-LLIS-0215	Lessons Learned - Solid Rocket Motor (SRM) Processing and Inspection	1992	NASA	0
1903	NASA-LLIS-0078	Lessons Learned - Insulation Baking Process for RCS Thrusters	1992	NASA	0
1904	NASA-LLIS-0023	Lessons Learned - Payload Canister Manual Flow Control Valve	1992	NASA	0
1905	NASA-LLIS-0052	Lessons Learned - The "Call Contractor" System; Complicated Platform Operations	1992	NASA	0
1906	NASA-LLIS-0196	Lessons Learned - Launch Processing Workload	1992	NASA	0

1907	NASA-LLIS-0171	Lessons Learned - Tail Service Mast (TSM).	1992	NASA	0
1908	NASA-LLIS-0110	Lessons Learned - Vacuum Read-out Stations for the MLPs LH2 system	1992	NASA	0
1909	NASA-LLIS-0131	Lessons Learned - Environmental Control System (ECS) Pressure Distribution Unit	1992	NASA	0
1910	NASA-LLIS-0096	Lessons Learned - Lift Operations Utilizing a Hydraset or Dynamometer	1992	NASA	0
1911	NASA-LLIS-0111	Lessons Learned - LH2 Quick Disconnects (QD)	1992	NASA	0
1912	NASA-LLIS-0132	Lessons Learned - Power Reactant Storage and Distribution (PRSD) Pod Latching Mechanism	1992	NASA	0
1913	NASA-LLIS-0024	Lessons Learned - Hydraset Remote Control Console Pressurized Flexhose	1992	NASA	0
1914	NASA-LLIS-0053	Lessons Learned - Keyed Connector Mismatching; Mating of Electrical Connectors in Areas of Limited Visibility; Kapton Wire Insulation Breakdown	1992	NASA	0
1915	NASA-LLIS-0172	Lessons Learned - Orbiter Access Arm (OAA).	1992	NASA	0
1916	NASA-LLIS-0197	Lessons Learned - Line Replaceable Unit (LRU) Cannibalization	1992	NASA	0
1917	NASA-LLIS-0114	Lessons Learned - The Digital Computer Unit Memory Loader	1992	NASA	0
1918	NASA-LLIS-1187	Lessons Learned - Vehicle Assembly Building 250 Ton Crane No. 1 Close Call Mishap Investigation Board Report of November 12, 1992	1992	NASA	0
1919	NASA-LLIS-0164	Lessons Learned - Handrails on the OPF Bridge Buckets.	1992	NASA	0
1920	NASA-LLIS-0188	Lessons Learned - T-0 Umbilical Carrier Plate.	1992	NASA	0
1921	NASA-LLIS-0070	Lessons Learned - 480 Volt Power Cable Connectors and Mating Tool; Emergency Cut Off Device for the 480 Volt Power Cables	1992	NASA	0
1922	NASA-LLIS-0207	Lessons Learned - Organizational Requirements and Responsibilities	1992	NASA	0
1923	NASA-LLIS-0099	Lessons Learned - APU Fuel Isolation Valve Assembly	1992	NASA	0
1924	NASA-LLIS-0102	Lessons Learned - High Pressure Shutoff Valves; Vacuum Pump Isolation Valve	1992	NASA	0
1925	NASA-LLIS-0105	Lessons Learned - OMS Engine Nozzle Cover	1992	NASA	0
1926	NASA-LLIS-0127	Lessons Learned - Orbiter Protection System "Y" Curtain Wall Retraction	1992	NASA	0
1927	NASA-LLIS-0142	Lessons Learned - 540A Industrial Oxygen (O2) Analyzer Monitoring	1992	NASA	0
1928	NASA-LLIS-0218	Lessons Learned - Mission Control Computer Support System	1992	NASA	0
1929	NASA-LLIS-0081	Lessons Learned - Ground Wire Connections	1992	NASA	0
1930	NASA-LLIS-0055	Lessons Learned - Quick Disconnect F.O.D.; Quick Disconnect (QD) Design; SCAPE Operations	1992	NASA	0

1931	NASA-LLIS-0174	Lessons Learned - OPF Payload Bay Buckets.	1992	NASA	0
1932	NASA-LLIS-0134	Lessons Learned - Power Reactant Storage and Distribution (PRSD) LH2/GH2 Fuel Cell Servicing	1992	NASA	0
1933	NASA-LLIS-0026	Lessons Learned - Critical Gaseous Helium (GHE) Purge Operations	1992	NASA	0
1934	NASA-LLIS-0199	Lessons Learned - Flight Readiness Review (FRR)	1992	NASA	0
1935	NASA-LLIS-0064	Lessons Learned - Emergency Stop (E-STOP) Switch Cover; Inadvertent Disconnection of Flex Hoses; Orbiter Tow Tug and Support Truck Emergency Stop	1992	NASA	0
1936	NASA-LLIS-0201	Lessons Learned - Advanced Solid Rocket Motor (ASRM) Propellant Manufacturing Facility.	1992	NASA	0
1937	NASA-LLIS-0029	Lessons Learned - Installation/Removal of Access Platforms at Mate/Demate Device (MDD)	1992	NASA	0
1938	NASA-LLIS-0146	Lessons Learned - Fuel and Oxidizer Storage Tank Relief Valves.	1992	NASA	0
1939	NASA-LLIS-0143	Lessons Learned - Engine Changeout Platform (ECP) and Engine Service Platform (ESP) Hoisting	1992	NASA	0
1940	NASA-LLIS-0036	Lessons Learned - Back Pressure Regulator	1992	NASA	0
1941	NASA-LLIS-0158	Lessons Learned - Payload Bay Door Cycling	1992	NASA	0
1942	NASA-LLIS-0072	Lessons Learned - Lepel Brazing and Debrazing Equipment	1992	NASA	0
1943	NASA-LLIS-0209	Lessons Learned - Time Correlation Between Multiple Telemetry Systems	1992	NASA	0
1944	NASA-LLIS-0126	Lessons Learned - Environmental Control System (ECS) Hardware Interface Module (HIM) Card	1992	NASA	0
1945	NASA-LLIS-0138	Lessons Learned - GOX Vent Arm Air Receivers Bleed Manifold Venting Operations	1992	NASA	0
1946	NASA-LLIS-0190	Lessons Learned - Launch Complex (LC) 39B Modifications	1992	NASA	0
1947	NASA-LLIS-0166	Lessons Learned - Post Launch Blast Cover Removal	1992	NASA	0
1948	NASA-LLIS-0063	Lessons Learned - Overheated Baking/curing Oven Temperature Control	1992	NASA	0
1949	NASA-LLIS-0182	Lessons Learned - Solid Rocket Booster (SRB) Work Platforms	1992	NASA	0
1950	NASA-LLIS-0035	Lessons Learned - Unprotected NASA Standard Initiators (NSI)	1992	NASA	0
1951	NASA-LLIS-0141	Lessons Learned - Radioisotope Thermoelectric Generator Facility (RTGF) Lifting Operations	1992	NASA	0
1952	NASA-LLIS-0157	Lessons Learned - External Tank (ET) Vent Deceleration Unit.	1992	NASA	0
1953	NASA-LLIS-0090	Lessons Learned - Radio Communications During SCAPE Operations	1992	NASA	0
1954	NASA-LLIS-0104	Lessons Learned - Pressure System Maintenance	1992	NASA	0

1955	NASA-LLIS-0453	Lessons Learned - Smoke Alarm Procedure Verification	1991	NASA	0
1956	NASA-LLIS-0005	Lessons Learned - Inadequate Electrical Cable Strain Relief Design Leading to Shorts and Ignition	1991	NASA	0
1957	NASA-LLIS-0008	Lessons Learned - Hazard Criticality in the Design and Manufacture of and the Selection of Materials for use in High Pressure Gaseous Flow Systems (Oxygen)	1991	NASA	0
1958	NASA-LLIS-0017	Lessons Learned - Shorted Wires (From Pinching by an Uninsulated Harness Clamp) due to Reassembly Errors and a Poorly Located Cut Off Switch Resulting in a Heater "ON" Condition of an Orbiter APU Fuel Line	1991	NASA	0
1959	NASA-LLIS-0046	Lessons Learned - Assembly and Adjustment of Crane Components; Crane Load Charts; Calculating Crane Loads; Reporting Equipment Problems Across Contractor Interfaces	1991	NASA	0
1960	NASA-LLIS-0009	Lessons Learned - Lubricant Particles Clogging Spacecraft System Filters	1991	NASA	0
1961	NASA-LLIS-0454	Lessons Learned - Assembly of Vacuum Vent Valve	1991	NASA	0
1962	NASA-LLIS-0451	Lessons Learned - Distributor Conformance Certification	1991	NASA	0
1963	NASA-LLIS-0044	Lessons Learned - Electrical and Mechanical Equipment; Overhead Pipe Supports; Emergency Procedures for Critical Utility Systems; Utility Annex Emergency Power Shut Off Capability	1991	NASA	0
1964	NASA-LLIS-0006	Lessons Learned - Orbiter Exterior Panel Separation During Flight due to Incorrect Installation (Washers not Provided Under Fasteners)	1991	NASA	0
1965	NASA SSP 30558	Fracture Control Requirements for Space Station	1991	NASA	0
1966	NASA-LLIS-0016	Lessons Learned - Reversed Installation of a Check Valve Spring (Main Propulsion), Subsequent Spring Failure and Uncontrollable Reverse Flow	1991	NASA	0
1967	NASA-LLIS-0452	Lessons Learned - Failure Analysis Investigation	1991	NASA	0
1968	NASA-LLIS-0003	Lessons Learned - Hazard Potentials Associated With Maintenance in High Valued, Mission Critical Areas (Mission Control at JSC)	1991	NASA	0
1969	NASA-LLIS-0456	Lessons Learned - High Electrical Current	1991	NASA	0
1970	NASA-LLIS-0007	Lessons Learned - Debonding of a Mounting Device (Shuttle Orbiter TV Monitor Bracket) due to Growth of a Pressurized Vessel such as the Crew Cabin Wall Following Launch	1991	NASA	0
1971	NASA-LLIS-0045	Lessons Learned - Remotely Located Control Room Communications; Consistent use of Nomenclature; Purge and Vent Port Capping; Integrated Systems Maintenance	1991	NASA	0
1972	NASA-LLIS-0011	Lessons Learned - Addition of X-Rays to Screen for Defects (Embedded Wood Chips) in Shuttle Orbiter Tires that Visual and Holographic Techniques May Not Detect	1991	NASA	0
1973	NASA-LLIS-0043	Lessons Learned - Clamping Procedures	1991	NASA	0
1974	NASA-LLIS-0020	Lessons Learned - Debris Causing Component Failure in a Critical Piece of Crew Equipment (Shuttle Orbiter Launch/Entry Coverall Pressurization System)	1991	NASA	0
1975	NASA-LLIS-0049	Lessons Learned - Firex Deluge Valve Configurations	1991	NASA	0
1976	NASA-LLIS-0001	Lessons Learned - Implementation of Procedural Controls in Additional Procedures Beyond the Procedure Under Investigation and Correction	1991	NASA	0
1977	NASA-LLIS-0018	Lessons Learned - Eddy Current Inspection for Cracks in Flight Hardware Components (Shuttle Orbiter Brake Retainer Washers)	1991	NASA	0
1978	NASA-LLIS-0047	Lessons Learned - Mercoid Pressure Switch; Inadvertent Water Deluge Activation	1991	NASA	0

1979	NASA-LLIS-0048	Lessons Learned - System Component Identification Tagging	1991	NASA	0
1980	NASA-LLIS-0019	Lessons Learned - Erroneous Electrical System Drawings and Failure to Verify Deenergization Causing a Potentially Serious Electrical Shock Injury	1991	NASA	0
1981	NASA-LLIS-0010	Lessons Learned - Repair of a Failed Component (Shuttle Orbiter General Purpose Computer Hardware Interface Soldered Pin) Before Investigation of the Cause of the Failure	1991	NASA	0
1982	NASA-LLIS-0455	Lessons Learned - Nonmetallic Materials Certification	1991	NASA	0
1983	NASA-LLIS-1184	Lessons Learned - Orbiter Fuel Cell Power Down Mishap Investigation Board Report of August 12, 1991	1991	NASA	0
1984	NASA-LLIS-0012	Lessons Learned - Leak Checks of Critical Systems (Orbiter APU Coolant) After Installation, Maintenance, or Modifications Which Require System Disconnects	1991	NASA	0
1985	NASA-LLIS-0050	Lessons Learned - Delta Wiring Harness Connectors and Installation	1991	NASA	0
1986	NASA-LLIS-0021	Lessons Learned - Use of Particle Impact Noise Detection Test to Detect Contamination	1991	NASA	0
1987	NASA-LLIS-0004	Lessons Learned - Flight Hardware Damage (Tires) due to Ground Test System Operational Conditions Outside of Design Limits	1991	NASA	0
1988	NASA-LLIS-0450	Lessons Learned - Emergency Procedure Training for Critical Operations/Areas	1991	NASA	0
1989	NASA-LLIS-0014	Lessons Learned - Use of Fail Safe Electrical Heaters; Lack of Fluid Level Shutoff Capability for Portable Heaters Used for Heating Aqueous Solutions	1991	NASA	0
1990	NASA-LLIS-0042	Lessons Learned - Sneak Circuitry; Down Range Control Area; Electrical Ground Connections for Folding Fin Aircraft Rockets (FFAR); Corrosion of Dissimilar Metals	1991	NASA	0
1991	NASA-LLIS-0041	Lessons Learned - Emergency Power-Down Procedures for Multiple Fuel Cells; Fuel Cell Helium Ingestion; Crew Module Fire Alarm and/or Electrical Component Activations; Vehicle Data Down Link	1991	NASA	0
1992	NASA-LLIS-0013	Lessons Learned - Fluid Sampling Techniques for Spacecraft Ground Support Equipment (Auxiliary Power Unit)	1991	NASA	0
1993	NASA-LLIS-1185	Lessons Learned - Mighty Mouse 2.75 Inch Folding Fin Aircraft Rocket (FFAR) Inadvertent Launch Mishap Investigation Board Report of October 10, 1991	1991	NASA	0
1994	NASA-LLIS-0051	Lessons Learned - Dry Well Transducer Installations are Susceptible to Inadvertent Removal; Disposal of Contaminated Waste	1991	NASA	0
1995	NASA-LLIS-0022	Lessons Learned - Emergency Equipment Design to Preclude Failures (Shuttle Crew Equipment Flotation Bladder) due to Abrasive Zippers	1991	NASA	0
1996	NASA-LLIS-1200	Lessons Learned Improper Raising of Orbiter 103 Payload Bay Door Mishap	1990	NASA	0
1997	NASA-LLIS-1199	Lessons Learned OV-104 STS-38 Avionics Bay Platform Beam Assembly Incident - Formal Accident Investigation Board Report	1990	NASA	0
1998	NASA-LLIS-0449	Lessons Learned - Migration of Conductive Contaminates in an Electrical Switch in Zero "G"	1990	NASA	0
1999	NASA-LLIS-1182	Lessons Learned - Atlantis Fuel Cell Mishap Investigation Board Report - April 4, 1990	1990	NASA	0
2000	NASA-LLIS-2816	Lessons Learned - Software Modification Verification	1990	NASA	0
2001	NASA-LLIS-1198	Lessons Learned Payload Hazardous Servicing Facility (PHSF) Water Deluge System Close Call Investigation Final Report	1990	NASA	0
2002	NASA-LLIS-2376	Lessons Learned - Cosmic Background Explorer (COBE) On Orbit Engineering Performance	1990	NASA	0

2003	NASA-LLIS-0493	Lessons Learned - Transitory Negative/Positive "G" Force Effects, Flight Policy, Fact Sheet Material, Upkeep of Pilot Flight Manual, Aircraft Modification Safety Analysis, Flight Data Recorders, Emergency Escape Decisions	1989	NASA	0
2004	NASA-LLIS-1432	Lessons Learned - 8-Foot High Temperature Tunnel Mishap (1989)	1989	NASA	0
2005	NASA-LLIS-0494	Lessons Learned - Verification of Baseline Configuration before Modification, Upkeep of Maintenance and Operational Logs, Operation Condition Effects, Upkeep Documentation, Safety System Checks	1989	NASA	0
2006	NASA-LLIS-1183	Lessons Learned - Orbiter Processing Facility Bay 2 Water Deluge System Flow Mishap Investigation Board Report of October 25, 1989	1989	NASA	0
2007	NASA-LLIS-0002	Lessons Learned - Solder Defects Reduction by Training/certification of Technicians	1989	NASA	0
2008	NASA-LLIS-0060	Lessons Learned - Effective Tagout and Lockout Compliance; Upper Limit Switches Utilized as Operational Stops; Momentary Switches; Wire Rope Spooling System; Access Platform Load Rating; Telescoping Tubes of the OPF Access Platform System; Commonality Bet	1985	NASA	0
2009	NASA-LLIS-0495	Lessons Learned - Systems Engineering, System Safety and R&QA Program Integration, Operational Safety and Performance, Risk Management, and Facility Safety Inspections	1983	NASA	0
2010	NASA-LLIS-1221	Lessons Learned - Mobile A-Frames	1981	NASA	0
2011	NASA-LLIS-0928	Lessons Learned - KAO Aft Bulkhead Installation	1972	NASA	0
2012	NASA-TN-D-6643	Aerodynamic parameters of the Navion airplane extracted from flight data	1972	NASA	0
2013	NASA-LLIS-1628	Lessons Learned - C-17 Flight Tests	0	NASA	0
2014	NASA-LLIS-0920	Lessons Learned Unexpected Field Conditions in Mod and Rehab	0	NASA	0

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