

**SHUTTLE SERIES
PRESENTATION MATERIAL**

This subseries consists of 23 linear feet (46 boxes) of presentation material, most of which was produced by or for the Shuttle Program Office at JSC. It includes Congressional briefing material, presentations to the program director, presentations made to dignitaries and groups visiting JSC, program status briefings and more. This material runs from May 1969 (Phase A feasibility studies) through September 1988. Subject areas covered include design, cost, management, and operations of the Space Shuttle system.

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	Space Shuttle Main Engine Critical Design Review Controller Team Meeting	June 7-10, 1976
	Space Shuttle Program System Level Open Problem Status Review	June 16, 1976
	Space Shuttle Presentation for the Third Annual NASA Administrator / ESA Director-General Spacelab Program Review	June 16, 1976
	Orbiter Horizontal Ground Vibration Test	June 22, 1976

OFT Orbiter Entry Flight Constraints	June 29, 1976
Attach Load Indicator Study	June 30, 1976
Shuttle Avionics Verification Panel Meeting	July 8, 1976
Space Shuttle Program, Management Council Meeting	July 8, 1976
Space Shuttle Integrated Logistics Maintenance Analysis and Planning (MA&P)	July 13, 1976
Space Shuttle Program Systems Requirements Review	July 13, 1976
Space Shuttle Program Briefing to Staff Director Senate Committee on Aeronautical and Space Sciences	July 14, 1976
Space Shuttle Program Director's Review, Session I	July 15, 1976
Space Shuttle Program Director's Review, Session II	July 16, 1976
Tenth Ascent Performance Panel Meeting	July 19-20, 1976
SAIL Status (including BFCS - Backup Flight Control System)	July 14-27, 1976
Systems Review - Main Propulsion	July 27, 1976
Space Shuttle Program Status	July 30, 1976
Potential Ascent Performance Improvements	August 2, 1976
ALT Separation Window	August 3, 1976
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SAMSO Overview of Ground Support Systems Contract	August 16, 1976
Orbiter Umbilical Services for Payloads	August 17, 1976
Shuttle Carrier Aircraft Project, Level II Systems Meeting	August 17, 1976
Effect of Tailcone on Fluctuating Pressures in the Speedbrake Wake	August 25, 1976
Shuttle Systems Review - Abort	August 31, 1976
Space Shuttle Program Director's Review, Session I	September 7, 1976
Space Shuttle Program Director's Review, Session II	September 8-9, 1976
Termination of Space Shuttle Wind Tunnel Coordination Panel	September 9, 1976
Office of Space Flight Status Briefing to the Subcommittee on Space Science and Applications of the Committee on Science and Technology	September 11, 1976
POGO Stability Status System Review Meeting	September 14, 1976
Approach and Landing Test Readiness Review Process and Schedule_bSeptember 16, 1976 ALT Separation Status	September 21, 1976
RTLS Separation Status	September 21, 1976
Shuttle Mission Control Center	September 23, 1976
Space Shuttle Program Overview & Supplement to Subcommittee on Space Science and Applications	September 28, 1976
Systems Review, Maintenance Planning	September 29, 1976
Systems Review, What are Secondary Landing Site Requirements	September 29, 1976

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	Space Shuttle User Charge Analysis (to) Congressional Representatives	September 29, 1976
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	Space Transportation System Briefing to the Survey & Investigation Staff of the House Appropriations Committee	September 30, 1976
	Effect of CG Position and Configuration on Stability Characteristics of ALT Orbiter	October 5, 1976
	Spacelab Presentation to Survey and Investigations Staff of the House Appropriations Committee	October 7, 1976
	IUS and SSUS Review to House Survey and Investigations Staff	October 7, 1976
	Space Shuttle Program Congressional Budget Committee Staff Visit	October 14, 1976
	Space Transportation System Briefing	October 14, 1976
	Space Shuttle System Interface Definition	October 19, 1976
	Space Transportation System Briefing	October 19, 1976
	Planning for OFT-1 Margin Assessment	October 20, 1976
	Space Transportation System Briefing to the Naval Electronics Systems Command	October 22, 1976
	Shuttle Abort Status	October 26, 1976
	Space Transportation System Briefing to General William J. Evans, Commander, Air Force Systems Command	October 26, 1976
	Space Shuttle Program Director's Review, Session I	November 2, 1976
	Space Shuttle Program Director's Review, Session II	November 3, 1976
	Space Shuttle Program, Resources, Schedules, and Procurement Integration, House Appropriations Surveys & Investigations Staff Visit	November 9, 1976
	System Review Meeting POGO Issues	November 23, 1976
	SRB Separation System Status	November 23, 1976
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	Ascent Performance	November 23, 1976
	Separation Velocity Requirements	November 23, 1976
	Ascent Performance Status	December 6, 1976
	Space Shuttle System Interfaces	December 7, 1976
	Shuttle Systems Flight-to-Ground Umbilical Separation Test Status	December 7, 1976
	Computer Systems Integration Review (CSIR)	December 10, 1976
	Plan of Action Task Statements for Contingency Abort Capability Evaluation	January 12, 1977
	Shuttle System Review, OV 101 Separation Subsystem Status	January 19, 1977
	Abort Status	January 19, 1977
	Shuttle Avionics Integration Laboratory (SAIL) GNC Station	January 24, 1977
	Orbiter Vertical Fin Buffet, Speed Brakes Open	January 1977
	Problems with DDT&E SRM Schedules	January 1977
	Space Shuttle System Interface	February 1, 1977

Definition	
ALT Approach and Landing Risk Assessment Status	April 27, 1977
SRM Storage	April 1977
SR139 - GH2 Venting Hazard	May 13, 1977
Status - Orbiter / ET Forward Attach	May 17, 1977
Systems Review - Ascent Performance	May 23, 1977
Booster Separation Motor (BSM) Nozzle Cover Status	May 23, 1977
Abort Issues Status	May 24, 1977
ET Umbilical Insulation Status	May 24, 1977
Logistics Engineering Analysis (LEA) / Maintenance Planning (MP) Coordination Meeting	May 1977
RCS / OMS Effects on Structures Deployed on Orbit	May 1977
Main Propulsion Helium System	June 13-14, 1977
Ground Operations, ET / Icing Review, Interface Torquing, Access Stands	June 16, 1977
OMRSD Status	June 16, 1977
Shuttle vs Apollo	June 1977
Space Transportation System, Briefing Material, Paris Air Show	June 1977
Abort Subsystems Review Plans	July 15, 1977
SSV CDR Margin Assessment	July 15, 1977
Space Shuttle Program Status DDT&E & Production Presentation to NASA Administrator	July 27, 1977
Space Shuttle Top Assembly Drawing Tree Status	August 2, 1977
Straw Man OFT Envelope Expansion	August 23, 1977
System Review Meeting, POGO	August 30, 1977
Status Report on Entry Critical Function Assessment or OFT-1	August 30, 1977
Possible Modification to Orbiter TPS to Increase Tolerance to Ice Impact from External Tank	September 14, 1977
LETF Launch Equipment Test Facility	September 21, 1977
Assessment of W. Williams Committee Recommendations	September 27, 1977
Space Shuttle Program Overview, Briefing for Visit by Staff, U. S. House of Representatives Subcommittee on Space Science & Applications	October 11, 1977
External Tank (ET) Breakup Analysis	November 1, 1977
MSFC Alternate Solutions for Deletion of Minimization of Ice Formation on ET Protuberances	November 17, 1977
Ground Operations	November 30, 1977
Space Shuttle Program Integrated Logistics OFT Logistics Support Plan	November 30, 1977
Astronaut Candidate Training Program	1977
SubHeading:	Box Number: 34
System Review Meeting, POGO	January 10, 1978
Current Status of ET SEP Sequence	January 10, 1978
Skylab Reboost Ascent Performance - Status	January 19, 1978

Abort Status Report	January 24, 1978
OFT Ascent Performance	January 24, 1978
SAIL Payload Handbook	January 1978
Orbiter Experiments, OEX Project Office	January 1978
Integrated MPS Analysis Briefing	February 7, 1978
Space Shuttle Program, Monthly Director's Review	February 14-15, 1978
SAIL Status, Test and Ground Operations Office	February 21, 1978
Systems Review - Ascent	February 21, 1978
Abort Subsystems Status Review	February 28, 1978
Status, Space Shuttle Global Positioning System	February 28, 1978
Status of MPT - SSME Acceptance Review	March 21, 1978
Space Shuttle Program Impacts Due to the Skylab Reboost Mission	March 21, 1978
Shuttle Avionics Integration Laboratory (SAIL) Guidance, Navigation, and Control (GN&C) Test Station Status	April 12, 1978
OFT Launch and Landing Rescue and Recovery Plan	April 24, 1978
Abort System Overview	May 2, 1978
Space Shuttle Interface Definition	May 2, 1978
Space Shuttle Program Monthly Director's Review, Session I	May 9, 1978
VAFB Design Review Support Planning, Systems Review	May 30, 1978
SubHeading:	Box Number: 35
Former Astronauts Briefing, Vols. 1 & 2	August 21-22, 1978
TPS Damage Sensitivity Test Program	August 25, 1978
Concepts for SRB Weight Reduction Utilizing Pad-Mounted Debris Catcher	August 29, 1978
ET / Orbiter Separation Test	September 28, 1978
Main Propulsion System Review	October 10, 1978
Integrated Avionics System Verification Baseline Review	October 23-27, 1978
Fast SEP Re - Revisited	November 6, 1978
Single Point Failure RTLS Effects & Solutions	November 15, 1978
Head Up Display Status	November 15, 1978
Current OFT CG and Maneuver Schedule	November 16, 1978
Systems Review - Ascent Performance	November 28, 1978
Status Measurement Related Data Bases	November 28, 1978
Orbiter Neutral Buoyancy Trainer	December 5, 1978
MSFC / MMES (MSFC Mated Elements Systems) Support Status	December 5, 1978
Abort Status, Recent RTLS Management Moves	December 5, 1978
Day of Launch I-Load Demonstration	December 11, 1978
System Review, New Baseline ET Separation Procedure	January 9, 1979
System Review Technical Integration	January 9, 1979
Simulator Short Period Comparison	January 23, 1979

Testing	
Runway Testing for Northrup Strip	January 23, 1979
MPS Key Issues	February 13, 1979
System Review, Launch Commit Criteria, Mission Evaluation, Orbiter 102 Weighing	February 13, 1979
Systems Review, Fast SEP, A Recurring Nightmare	February 15, 1979
Orbiter / ET Aft Attach Blast Container Test (Development)	February 15, 1979
First Stage Contingency Abort Fast Separation Capability	March 5, 1979
Space Shuttle Interface Definition	March 6, 1979
Basic Aero Data Base and Uncertainty Update	March 16, 1979
SRB Thrust Oscillations	March 21, 1979
POGO Suppressor Development Status	March 21, 1979
Space Shuttle DCR, Emergency Egress System Orbiter Access Arm	March 22, 1979
Status of Entry Aerodynamics	March 26, 1979
SAIL Test Status	March 27, 1979
Space Shuttle / TDRSS Issues	April 3, 1979
POGO Suppressor Test Status	April 3, 1979
"Fast SEP", What Can be Done to Fully Develop First Stage Fast Sep Capability	April 9, 1979
Abort Systems Review	April 27, 1979
Systems Review Test and Ground Operations	April 27, 1979
Flight Activities Working Group, Review of Post OFT Manifesting	April 1979
Catalog I-Load Update Approach	May 7, 1979
Acceptance Data Reviews	May 8, 1979
Vertical Payload Installation at KSC	May 8, 1979
Space Shuttle GPS Program Status	May 14, 1979
Integrated Entry Maneuver Plan	May 18, 1979
Fast SEP Presentation to AA	May 22, 1979
Shuttle Ascent GN&C, Level II Systems Briefing	May 22, 1979
SubHeading:	Box Number: 36
Autoland Design Status	June 4, 1979
System Review Technical Integration	June 5, 1979
Landing Deceleration System	June 26, 1979
Space Shuttle System Drawings / Design Control	July 3, 1979
Master Measurement Data Base Status	July 3, 1979
Thrust Augmentation Ascent Performance Status	July 3, 1979
BFS (Backup Flight System) Flight Test Requirement Status Presentation to the Space Shuttle Program Manager	July 3, 1979
Flight Control Development Plan	August 7, 1979
System Review Meeting, POGO	August 21, 1979
Development Simulation Plan, Status	August 21, 1979

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Abort Status Review	August 21, 1979
Avionics System Verification Status	September 4, 1979
Waiver for 3% Propellant Remaining for 3 Engine RTLS, RCS System Constraints for RTLS	September 7 & 10, 1979
Entry Air Data Parameters	September 11, 1979
MPTA Verification Status	September 12, 1979
Single Point Failures Affecting RCS - Conclusion	September 13, 1979
Control of Propellant Level in External Tank	September 13, 1979
System Abort	September 25, 1979
Electronic Systems Test Laboratory, NASA Task 501, Communications and Tracking Systems Ground Test, STS-1, Communication System Certification Status	September 1979
Orbiter Thermal Protection System Proof Test, Acoustic Emission	October 2, 1979
Summary: 5th ET Separation Systems Integration Panel Meeting	October 11, 1979
Fast SEP Status Presented to Crew Safety Panel	October 17, 1979
STS-1 SRB Separation Inhibit and Timing Rationale	October 25, 1979
Contingency Abort Considerations	November 6, 1979
Systems Review - Ascent Aero	November 6, 1979
STS-1 Cycle 3 On Orbit; RCS Budget	November 6, 1979
STS-1 OFP, Cycle 3 Descent	November 19, 1979
OFT Landing Site Operations	November 19, 1979
Space Shuttle Program Presentation to the Staff of the House Authorization Subcommittee	November 19, 1979
SMS Certification Plan	December 11, 1979
STS-1 First Stage Contingency Survival Paths	December 11, 1979
STS-1 Wind Analysis, April Launch	December 15, 1979
Trainer Facility Status	December 1979
SSME Acceptance Test Issues	January 22, 1980
STS-1 Launch 150 Winds Analyzed	January 22, 1980
Space Shuttle Program Support to Chief Engineer's Special Staff; Verification/Certification Assessment (Walt Williams Committee)	February 5, 1980
Statement of John F. Yardley Associate Administrator for Space Transportation Systems ... before the Committee on Commerce, Science and Transportation, United States Senate (with charts)	February 6, 1980
Autoland Development Status	March 10, 1980
Propellant Dynamics, Math Model Status	March 19, 1980
Systems Review, Test and Ground Operations Office	March 19, 1980
Abort Systems Review	March 25, 1980
Shuttle Mission Simulator (SMS) Verification Status	April 1, 1980
Impact of Alternate AOA to Edwards	April 1, 1980

	STS-1 Ascent Performance Status	April 1, 1980
	STS-1 Performance	April 7, 1980
	Williams committee Recommendations Crib Sheet Separation Systems	April 8, 1980
	Systems Review 1. Ground Rules for SEP Analysis; 2. Status of Current Problems	April 8, 1980
	Status of SRB and ET Separation Verification Using SAIL	May 12, 1980
SubHeading:	Box Number: 37	
	SMS Verification Status	June 3, 1980
	STS-1 Integrated Test Operations, Test and Ground Operations System Review	June 17, 1980
	First Stage Contingency Survival Review	June 17, 1980
	56 Hour Sim, STS-1 Assessments, Pre-Launch Winds	July 22, 1980
	Abort Advisory System	July 1980
	STS-1 Sonic Boom Measurement Program	October 7, 1980
	Results of ET Separation Analysisfor Loss of RCS Capability	October 28, 1980
	Staff Visit, Presentation Material U. S. House of Representatives Subcommittee on Space Science and Applications	October 28, 1980
	Remote Satellite Services Capability Evolution, Teleoperator Maneuvering System (TMS) Mission Opportunities of the 80s	October 1980
	SRB Separation System Verification Status and Waiver for STS-1	November 3, 1980
	SMS Verification Status	December 2, 1980
	Space Shuttle Program Management Integration Office: Organization, Functions & Responsibilities	December 3, 1980
	ET 17" Feedline Disconnect Failure Presented to Systems Review	December 23, 1980
	Shuttle Extravehicular Mobility Unit	1980
	A Review of NASA International Programs	January 1, 1981
	Monthly Associate Administrator's Review, Space Shuttle Program	January 23, 1981
	Fortune 500 Briefing on Thompson / Loftus Technology Transfer	February 4, 1981
	Limit Cycles Due to Digital Effects	February 13, 1981
	Monthly Associate Administrator's Review, Space Shuttle Program	February 20, 1981
	Presentation Material, U. S. House of Representatives, Subcommittee on Space Science and Applications	February 27, 1981
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	Space Shuttle Program Briefing to Mr. John Roberts, Canadian Minister of Science / Technology	March 6, 1981
	Subcommittee on Science, Technology and Space, Committee on Commerce, Science and Transportation, United States Senate, Statement by Billie McGarvey	April 7, 1981
	Space Systems & Technology for the 80s	April 27 - May 22, 1981

	Orbiter Enhancements	April 28, 1981
	Space Shuttle Program; Orbiter Enhancements	April 28, 1981
	Space Shuttle Progress Report	April 29 - May 1, 1981
	Thompson Retirement	June 4, 1981
	Space Transportation Program Status	June 29, 1981
	Briefing to USAF Audit Team; Space Shuttle Program Management Overview, Logistics Presentation; STS-3 Through STS-8 Mission Planning	July 13, 1981
	SRB Ignition Overpressure	July 17, 1981
	Presentation to Mr. Beggs: Space Shuttle Program, Space Shuttle Overview	July 20, 1981
	Briefing to Young President's Organization: Space Shuttle Program STS-1 Review	September 22, 1981
	Program Status Review (PSR)	October 5, 1981
	JSC Roles Overview Briefing to Gen. L. Bartolucci, Italian Air Force	October 7, 1981
	Space Shuttle in the 80s	October 23, 1981
	Monthly Associate Administrator's Review	November 25, 1981
	A Review of NASA International Programs	January 1, 1982
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	Space Shuttle Program Performance Review; Technical and Financial Management; Control of STS Cost	January 6, 1982
	NASA Organization and NASA / AF, Interfaces for Future Operations	January 25, 1982
	First Flight of Spaceship Columbia to Reliability & Maintainability Symposium	January 26-28, 1982
	Space Shuttle Program, Manned Maneuvering Unit	February 4, 1982
	House Subcommittee on Space Science and Applications; KSC Shuttle Program	February 5, 1982
	Presentations to Fuqua Committee; STS, Space Shuttle Operations Planning; Advanced Programs	February 15, 1982
	Space Shuttle Program Projected Flight / Payload Model and Current Air Force / NASA Interfaces	March 3, 1982
	Space Shuttle Program Status and Operations Plans	March 19, 1982
	Space Shuttle Program Projected Flight / Payload Model and Current Air Force NASA Interfaces	March 30, 1982
	Shuttle EVA Training / Operations Options	April 12, 1982
	Orbiter Quick Look; STS-3 Results	April 13, 1982
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	Presentation to Chamber of Commerce: JSC Economic Impact, Houston / Galveston Area * This 43 page document has been scanned	February 4, 1982
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	Space Shuttle Program Presentation	April 16, 1982
	State of the Shuttle Presentation to Nineteenth Space Congress	April 30, 1982

Space Transportation System Presentation to General Abrahamson	May 5, 1982
Space Transportation System Space Shuttle Payload Flight Assignments; STS Operations in the 80s	May 10-12, 1982
STS Operations in the 80s- Presentation to Air Force	May 19, 1982
STS-4 Accomplishments; Space Shuttle Program Presentation to President Reagan	July 4, 1982
Space Shuttle Era; STS Operations; Student Experiments Presentation	August 16, 1982
Shuttle / Centaur Program Coordination Meeting, JSC Status Report	September 1, 1982
STS Operations in the 80s; Presentation to Japanese News Publishers	September 10, 1982
Lessons Learned - STS Operations; Presentation to American Astronautical Society	October 25-27, 1982
Interagency Space Launch Policy Working Group Recommendation on FY 84 Budget Issue Presentation to National Research Council	December 3, 1982
Space Shuttle Orbiter Challenger (OV- 099); STS-6 News Briefing	January 5, 1983
Space Transportation System Program Management Briefing to National Research Council	January 10, 1983
Interagency Space Launch Policy Working Group; Recommendation on FY84 Budget Issue, Briefing to National Research Council	January 12, 1983
Space Transportation System, Program Management Presentation to Dick Malow, Congressional Staff Member	January 24, 1983
Mission Overview, STS-5 Anomalies and STS-6 Configuration Differences Presentation to General Abrahamson	February 7, 1983
Presentation Material & Transcript for U. S. House of Representatives Subcommittee on Space Science and Applications, Field Hearing Conducted at the Johnson Space Center	February 25, 1983
Shuttle / Centaur Project Implementation & Status	March 22, 1983
Space Shuttle Program Overview and Status to Japanese Great Space Shuttle Exhibition Delegation (Snow in Space)	April 25, 1983
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Space transportation System Update, Shuttle Performance/Configuration	April 28, 1983
JSC / VLS Project Status Review Management Integration	May 26, 1983
NSTS System Integration; Program Management Briefings	September 9, 1983
National Space Transportation System Overview and Status Presentation to Congressman Bill Nelson	September 16, 1983
National Space Transportation Systems Overview & Status Presentation to Rotary Club	September 28, 1983
National Space Transportation Systems Program Management Presentation to American Astronautical Society	October 3, 1983

NSTS Program Management & Spacelab Overview Status Presentations to Austrian Space Agency	November 2, 1983
Presentation to AIAA Meeting, Shuttle Environment and Operations: NSTS Overview & Status; Program Management; NSTS in the 80s	October 31 - November 2, 1983
NSTS Program Management, Operations Integration Presentation to Air force	November 3, 1983
NSTS Overview and Status Presentation to Staff Members - Subcommittee on Space Science / Applications	November 14-15, 1983
Shuttle / Centaur Program Coordination Meeting, JSC Status Report	November 15, 1983
NSTS Program Management Presentation; Space Logistics Integration Panel	December 6-8, 1983
STS-22 Cargo Integration Review, Cargo Familiarization Presentation; LDEF, Syncom IV, ACES	December 13, 1983
Industry Briefing or Flight Equipment Processing contract (FEPC) to Support the Space Transportation System	December 16, 1983
Shuttle / Centaur Project, General Status Review, JSC Status Report (to Mr. Beggs)	December 19, 1983
Extended Mission Duration	December 20, 1983
NSTS Overview and Status Presentation to Alan Yuspeh, General counsel of Senate Armed Services Committee	January 11, 1984
Shuttle / Centaur Project General Status Review, JSC Status Report	January 16, 1984
Box Number: 42	
NSTS Program Management (inc. STS-9 Mission) to Japanese Junior Executive Study Team	February 14, 1984
Shuttle Orbiter Failure Summary, Briefing to the Engineering Management Council	March 1, 1984
Post-Rendezvous and Proximity Operations Meetings Review, Summary Briefing	April 9, 1984
Shuttle / Centaur Senior Management Panel Review JSC Status Report	April 11, 1984
AFRSI Integrated Test Program, AEDC Wind Tunnel Test Results	April 18, 1984
CSD Shuttle EVA Flight Equipment (Crew Systems Division) Project Office Status Review	June 5, 1984
NSTS Overview and Status, New Astronaut Briefing	July 3, 1984
Support Effectiveness Briefing	August 8, 1984
OMB Presentation: July NSTS 84 Outlook; Traffic Model Comparison and ET / SRB Production Plans; Program Management	August 22, 1984
NSTS Overview and Status Briefing to NATO	August 24, 1984
NSTS Overview and Status Presentation to Senator Mark Andrews	August 27, 1984
George C. Marshall Space Flight Center Shuttle Projects Integrated	August 1984

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Logistics	
Shuttle / Centaur Senior Management Panel Review JSC Status Report	September 26, 1984
Johnson Space Center Facilities Overview for Shuttle Operations Strategic Planning Group	September 27, 1984
VLS Performance and Crossrange Requirements	October 12, 1984
NSTS Program Management Presentation to Space Command	October 17, 1984
Fifth Meeting of the Shuttle / Centaur, Program Coordination Group, JSC Status Report	November 15, 1984
NSTS Program Management Presentation to Managing in a Changing Environment	November 19, 1984
Shuttle Carrier Aircraft Inflight Refueling Study	November 20, 1984
Ascent Performance Status for Generic WTR Missions	November 21, 1984
NSTS Program Management & Space Shuttle Era Presentation to Senate Commerce Committee	November 27, 1984
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National STS Program Business / Program Planning Presentation to Management Council	November 27, 1984
Orbiter Maintenance Planning	November 29, 1984
NSTS Future Presentation to State Department Executive Seminar	November 30, 1984
Controlling STS Secure Operations Cost	December 5, 1984
Logistics Support Manpower Follow-on Proposal Activities	December 14, 1984
NSTS Program Management (Vandenberg Briefing)	January 7, 1985
Shuttle / Centaur Senior Management Panel Review, JSC Status Report	January 15, 1985
NSTS Overview and Status Presentation to Stephen Kohashi, Congressional Staff Director	February 4, 1985
NSTS Overview and Status Presentation to Congressman Bill Nelson	February 12, 1985
Shuttle / Centaur Program Review, JSC Status Report	March 27, 1985
Monthly EMU Field Office Review	March 1985
Crew Systems Division Status Briefing	April 2, 1985
Presentation to NASA Advisory Task Force on Commercial Use of Space, Includes Information on Program Management, Small Payloads, Opportunities for Small Payloads, Small Payload Accommodations	April 3, 1985
NSTS Overview and Status Presentation to Office of Management & Budget Staff	April 18, 1985
NSTS Program Support Systems Management	April 23, 1985
Shuttle / Centaur Program Review, JSC Status Report to Congress	May 15, 1985
Shuttle / Centaur Level I Program Review	June 6, 1985
NSTS Overview and Status Presentation to Lloyds of London	June 7, 1985

	NSTS Program Management Presentation, General Moore - Army Space Command	July 26, 1985
	Shuttle / Centaur Program - Program Concerns; Shuttle / Centaur Senior Management Panel Review	July 30, 1985
	NSTS Overview and Status Presentation to Astronaut Candidates	August 1, 1985
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	NSTS Program Management Briefing to New Employees	August 15, 1985
	NSTS Overview & Status Presentation to Senator John Glenn	August 19, 1985
	Shuttle / Centaur Level I Program Review	September 24-25, 1985
	NSTS Program Management Presentation to Royal College of Defense Studies	October 2, 1985
	Logistics Funding Status and Summary	October 4, 1985
	A Summary of Recent EMU Problems	October 11, 1985
	NSTS Overview and Status Presentation to Chairman of the Board BMW	October 23, 1985
	Shuttle / Centaur Program Review, JSC Status report	October 31, 1985
	NSTS Program Management Presentation to National Academy of Public Administration	November 5, 1985
	Shuttle / Centaur G-Prime Level I Design Certification Review, Phase III Summary	November 20-21, 1985
	NSTS Program Management Presentation to Bill Graham, NASA Acting Administrator	January 8, 1986
	Shuttle / Centaur Program Level I Program Review	January 16-17, 1986
	Shuttle / Centaur Senior Management Panel Program Review	January 28, 1986
	Space Shuttle Configuration and Launch	January 28, 1986
	Logistics Program Recovery Plans	February 4, 1986
	Evolution of the Shuttle Design	March 6, 1986
	NSTS Program Management Presentation to Air Force	October 21, 1986
	Man's Exploration of Space	November 25, 1986
	NSTS Status Presentation to Senate Appropriation Committee	December 2, 1986
	NSTS Status to Lt. General A. G. Casey, Commander Air Force Space Division	December 8, 1986
	NSTS Program Management Presentation, New Employee Orientation	December 11, 1986
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	NSTS Management Processes	December 15, 1986
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	NSTS Management Processes	December 15, 1986
	NSTS Status	January 12, 1987
	NSTS Status	February 10, 1987

Navigation Overview	February 13, 1987
NSTS Return to Flight Status	February 17, 1987
Planning for Initial STS Flights, AIAA Aerospace Engineering Conference	February 17, 1987
Return to Flight; Replacement Orbiter Status	February 19, 1987
PDRS OV 1101 (Payload Deployment and Retrieval System)	February 20, 1987
Ascent Abort Overview	February 27, 1987
NSTS Return to Flight Status Presentation to Langley Senior Management	March 5, 1987
OMS / RCS Brief; Orbital Maneuvering System, Reaction Control System Interface	March 13, 1987
Entry Preparations Briefing	March 26, 1987
Entry Guidance Overview DeOrbit Through Post-Landing	March 1987
Flight Control Overview	March 1987
Orbit OPS Overview	March 1987
COORD SYS OV 1101, Coordinate Systems for the Space Shuttle	April 8, 1987
NSTS Overview of Program Requirements for Flight Preparation Process	May 21, 1987
Other Upper Stages; Transfer Orbit Stage; Shuttle Compatible Orbit Transfer Stage; Italian Research Interim Stage	May 1987
Ascent Abort Overview	June 10, 1987
Guidance Overview 1101 (Ascent Phase)	June 12, 1987
IUS Overview 1101, PL Carrier 1303	June 1987
Spacelab Overview Briefing	July 13, 1987
NSTS Overview of Management Processes	July 21, 1987
Program Director's Management Review NSTS Documentation Status	July 30, 1987
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ECLSS OV 1101, Environmental Control and Life support System	August 17, 1987
APU / HYD / WSB System Phase I Briefing (Auxiliary Power Unit, Hydraulic, Water Spray Boiler)	August 24, 1987
Communications Overview	August 26, 1987
In-Flight Maintenance Overview, IFM 1101, Phase I Briefing	August 27, 1987
PL OV 1101, Payloads (Accommodations, Interfaces, Documentation)	August 1987
MPS OV 1101, Main Propulsion System	September 1987
DPS OV 1101, Shuttle Data Processing System	October 19, 1987
Mechanical Systems Overview	October 26, 1987
Orbital Maneuvering Vehicle (OMV)	November 1987
Payload Integration and Support	1987
EPS OV 1101, Electrical Power System	1987
Ground Operations Briefing	1987

Ascent Overview	1987
Payload Carrier 1101, PAM Overview (Payload Assist Module)	1987
C&W OV 1101 (Caution & Warning Systems)	1987
NSTS Return to Flight Status T-30 Briefing	August 22, 1988
NSTS Return to Flight Status	September 22, 1988