

SHUTTLE SERIES
ROCKWELL DOWNEY ORBITER DOCUMENTS

This accession of Rockwell Downey Documents was collected in the History Office over a period of 10 years in preparation for and as source documents to be used in the writing of a Shuttle Chronology. Included are Shuttle Phase A and Phase B documents (early Shuttle concept design contracts) from the late 1960s and early 1970s as well as NAS9-14000 (Shuttle design and development contract) reports and presentation material dated through 1992. An addenda beginning in Box 85 includes additional Rockwell materials received primarily from PDC (Program Document Center) before its integration with the Scientific & Technical Information Center. The date range of the addenda is 1970 through 1989. The subseries is arranged in chronological order and contained in 91 archival manuscript boxes.

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	SD 69-573(7) ILRV Program Integral Launch and Reentry Vehicle Final Review	Nov 1969
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	SD 70-601-9 Space Shuttle Phase B Engine / Vehicle Integration Studies Base Heating/Aerodynamic Environment	March 1971
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SD 74-SH-0171-1 Orbiter Avionics Description (Orbiter Vehicle 101 Preliminary Design Review Configuration) Volume 1, Overview May 1974

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	SD 73-SH-0181 Volume 4 Space Shuttle Aerodynamic Heating Data Book Space Shuttle Main Engine Ascent, On-Orbit and Entry	Sept 1977
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	SD 73-SH-0203-52 533/STARR, NASA Form 533 Contractor Financial Management Report Schedule, Technical and Resources Report	Oct 1977
	SD 73-SH0203-53 533/STARR, NASA Form 533 Contractor Financial Management Report Schedule, Technical and Resources Report	Nov 1977
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	SD 77-SH-0123 Volume 1 Introduction Space Shuttle Program Orbiter Vehicle Follow-on Contract Proposal Resubmittal	March 1978
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	SD 77-SH-0123 Addendum Book 2 of 6 Orbiter Weight Reductions STA Supplemental Structural Tests Space Shuttle Program Orbiter Vehicle Follow-on Contract Proposal Resubmittal	April 1978
	SD 73-SH-0203-58 533/STARR,	April 1978

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	SD 72-SH-0060-1K, Change Aerodynamic Design Data Book	May 5, 1978
	SD 73-SH-0203-59, SD 73-SH-0203-60 533 / STARR, NASA Form 533 Contractor Financial Management Report Schedule, Technical and Resources Report	May & June 1978
	SSV78-39 OSTA-1 Experiment Payload Integration Critical Design Review	July 11-13, 1978
	SD73-SH-0086D Space Shuttle Solid Propulsion Data Book	July 1978
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	VTE2DO-1 / SOD 79-0004 Space shuttle Orbiter Operation and Maintenance Document Ground Support Equipment Data Sheet, Speed Brake Thrust Controller Test Fixture Model C70-1169 (ME162-0020)	December 20, 1978
	SD77-SH-0214A Space Transportation System Models Configuration Management / Control System and Standard Analyses for Payload Load Cycle	December 1978
SubHeading:	Box Number: 49	
	SSV79-5 Orbiter Management Review No. 77 Shuttle Orbiter Division - Downey (Telecon)	January 24, 1979
	SD75-SH-0003K Orbiter Vehicle 102, Orbital Flight Test Configuration Critical Items List Mechanical / Fluid Systems	January 19, 1979
	SD75-SH-0003K Orbiter Vehicle 102 Orbital Flight Test Configuration Critical Items List ECLSS / Power Systems	January 19, 1979
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	SD77-SH-0018A Orbiter 102 Overland Transportation Operational Plan	March 1979
	VHAJOO-1 Space Shuttle Orbiter Operation and Maintenance Document Multi-Purpose Installer Model H70-0565 P/N GW70-006900	May 1, 1979
	SD73-SH-0203-71 533/STARR, NASA Form 533 Contractor Financial Management Report / Schedule, Technical, and Resources Report	May 1979
	SSV79-40 Orbiter Management Review No. 81 Shuttle Orbiter Division Downey (Telecon)	June 6, 1979
	VFRNOO-1 Space Shuttle Orbiter Operation and Maintenance Document, Freon Coolant Servicing Unit Tank Assembly Model S70-0797 P/N GW70-680797	June 15, 1979
	SOD 79-0033 Volume 1, Flight Readiness Verification Plan for Auxiliary Power Unit (APU)	June 19, 1979
	SOD79-0018 Flight Verification Plan for Thermal Protection System (TPS)	June 25, 1979
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	VIELOO-1 Space Shuttle Orbiter	July 1, 1979

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SOD79-0019 Flight Readiness Verification Plan for Thermal Protection (LESS) System	July 9, 1979
SOD79-0044, SOD79-0046, SOD79- 0048 Flight Readiness Verification Plan for Crew Station Integration, Crew Equipment & EVA Hardware	July 19, 1979
SOD79-0036 Flight Readiness Verification Plan for Displays and Controls System	August 17, 1979
VTOAOO-1 Space Shuttle Orbiter Operation and Maintenance Document Orbiter Nose Gear Tow Bar Model H70-0508 (MC 183-0096)	August 31, 1979
SOD79-0023 Vol. 1 Flight Readiness Verification Plan for Payload Bay Doors	September 20, 1979
SOD79-0020 Flight Readiness Verification Plan for Thermal Control System (TCS)	September 26, 1979
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VMESRO-1 Space Shuttle Orbiter Operation and Maintenance Document Propulsion Quick Disconnect Filter Support Bracket Set Model S70-0785, P/N GW70-420785	November 1, 1979
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SSV79-84 Space Shuttle Orbiter Power Extension Package (PEP) Interface Evaluation Study, Summary Briefing	November 1979
SOD79-0038 Flight Readiness Verification Plan for Communication and Tracking System	December 13, 1979
SOD79-0032 Vol. 1, Flight Readiness Verification Plan for Orbital Maneuvering Subsystem (OMS)	December 18, 1979
Space Shuttle Engineering Schedule Manual	(1976-1980)
5.4 Loads Effects on OV-102, STS-1	January 14, 1980
5.1 / 5.4 / STS-1 Comparison Aero Thermal	January 14, 1980
SubHeading:	Box Number: 52
Thermal Stresses, Presentation Material, 5.4 vs 5.1; Landing Loads Analysis	January 14, 1980
Orbiter Modifications for Centaur (presentation charts)	January 18, 1980
SSV80-1 Space Shuttle System Summary	May 1980
SSV80-35 Space Shuttle Orbiter Review Presentation for Dr. Lovelace, Mr. Yardley	May 30, 1980
SSV High-Q IVBC-2 Loads Analysis Cycle and OFT Program Analysis Approach Employing Load Indicators	June 16, 1980
SubHeading:	Box Number: 53
SD74-SH-0206-2K Aerodynamic Design Data Substantiation Report, Volume 2, Launch Vehicle (includes SD72-SH-0060-2 Aerodynamic Design Data Book, Volume 2 Launch Vehicle	July 1980

SubHeading:**Box Number: 54**

SSV80-46 OV-102 STS-1 TPS Review Meeting with Dr. Frosch at JSC July 11, 1980

SSV80-46-1 OV-102, STS-1 TPS Review Meeting with Dr. Frosch at JSC (Addendum - Histograms) July 11, 1980

SOD80-0083 Limit Plus Test Program Engineering Analysis Report August 1980

SD76-SH-0216-37 Bimonthly Progress Report for IUS / Shuttle Integration August 1980

VTEWOO-1 / SOD80-0201 Space Shuttle Orbiter Operation and Maintenance Document OMS Engine Gimbal Actuator Test Set, Model C70-0860, P/N GW70-620860 August 1, 1980

VPEHH0-1 / SOD80-0288 Space Shuttle Orbiter Operation and Maintenance Document Circuit Breaker / Switch Guard Set Model A70-1011, P/N GW70-701011 August 1, 1980

MCR5702 Tandem Elevon Actuator and Enhanced Reliability PDU Study (presentation) August 12, 1980

VANGOO-1 / SOD80-0199 Space Shuttle Orbiter Operation and Maintenance Document, MPS Engine Alignment Set Model A70-0645, P/N GW70-001000 August 15, 1980

VHAGEO / SOD80-0317 Space Shuttle Orbiter Operation and Maintenance Document, Fuel Cell Handling Adapter Assembly Model H70-0518, P/N GW70-540518 August 15, 1980

VMESMO-1 Space Shuttle Orbiter Operation and Maintenance Document Propulsion Scupper Sets Model S70-0784, P/N GW70-420784 August 15, 1980

SOD80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 1, Executive Summary August 29, 1980

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SOD80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 2 Basis for Claim August 29, 1980

SOD80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3, Cost Proposal, Book 1 of 8, Summary August 29, 1980

SOD80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3 Cost Proposal, Book 2 of 8 Schedule Extension and Economic Rate Effects August 29, 1980

SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3, Cost Proposal Book 3 of 8, Thermal Protection System Effects August 29, 1980

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SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3, Cost Proposal, Book 5 of 8, Certification / Qualification and Verification Effects August 29, 1980

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	Subsystem Effects, Section 1 Items 1 Through 5	
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3 Cost Proposal, Book 6 of 8 Other Subsystem Effects, Section 2 Items 6 Through 13	August 29, 1980
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3 Cost Proposal, Book 6 of 8 Other Subsystem Effects Section 3 Items 14 Through 21	August 29, 1980
SubHeading:	Box Number: 57	
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3 Cost Proposal, Book 6 of 8 Other Subsystem Effects Section 4 Items 22 Through 24	August 29, 1980
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal Volume 3 Cost Proposal, Book 7 of 8 Cumulative Effect of Changes	August 29, 1980
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3, Cost Proposal Book 8 of 8, Increment 3 Quality Engineering	August 29, 1980
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 4, Volume 2 Footnote Data, Book 1 of 3, Paragraphs 2.1 Through 2.2.1.2.4	August 29, 1980
SubHeading:	Box Number: 58	
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 4, Volume 2 Footnote Data, Book 2 of 3, Paragraph 2.2.1.2.5, Items 1 Through 24, and Paragraph 2.2.1.2.6	August 29, 1980
	SOD80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 4, Volume 2 Footnote Data, Book 3 of 3, Paragraphs 2.2.1.3 and 2.2.2 & Redline Data	August 29, 1980
	IRD TM-343T2 Orbiter Thermal Protection System (TPS) Development Test Plan Status	September 1980
	V42000-1 / SOD80-0102 Space Shuttle Orbiter Operation and Maintenance Document, Reaction Control Subsystem, Part 1	September 1, 1980
	VUMROO-1 / SOD80-0188 Space Shuttle Orbiter Operation and Maintenance Document, APU Servicing Panel Quick Disconnect / Filter Set, Model S70-0778, P/N GW70-580778	September 1, 1980
	AC Motor Valve Actuator Allowable Cycle Life	September 18, 1980
	VMEPMO-1 / SOD80-0077 Space Shuttle Orbiter Operation and Maintenance Document, Landing Gear Jack Assembly Model H70-0571, P/N ME183-0087-0001	September 15, 1980
	SRB Ignition Transient Model Fixes and Their Effect On Liftoff Loads	September 23, 1980
SubHeading:	Box Number: 59	
	SD73-SH-0203-87 533/STARR NASA Form 533 Contractor Financial Management Report / Schedule, Technical and Resources Report	September 25, 1980
	STS80-0207-2 533 NASA Form 533 Contractor Financial Management Report	September 25, 1980

STS80-0033-6 STS Payload Cargo Integration	September 25, 1980
SD75-SH-0168-67 Flight Systems Laboratories (FSL), Test Discrepancy Report (TDR) Summary Status	September 26, 1980
Orbiter Thermal Protection System (TPS) Development Test Plan Status	October 1980
SD76-SH-0216-38 Bimonthly Progress Report for IUS / Shuttle Integration	October 1980
VUMVOO-1 / SOD80-0354 Space Shuttle Orbiter Operation and Maintenance Document Purge, Vent and Drain Filter / Quick Disconnect Assembly Set Model S70-0965 P/N GW70-580965	October 1, 1980
SD77-SH-0181-21 STS Payload Integration Task and Resource Plan, Fiscal Year 1981	October 1, 1980
SD74-SH-0222-AA Orbiter Subsystem Certification Status Report	October 1, 1980
SD-72-SH-0120-95 Space Shuttle Orbiter Mass Properties Status Report	October 2, 1980
VHADGO-1 / SOD80-0368 Space Shuttle Orbiter Operation and Maintenance Document Tail Cone Interior Platform Set Model A70-0971 P/N GW70-016700	October 1, 1980
SD75-SH-0072BO Orbiter Project Interface Control Document (ICD) Status List	October 14, 1980

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V00000-7 / SD78-SH-0035D Space Shuttle Orbiter Operation and Maintenance Document Airborne and Non-Airborne List of Applicable Publications (LOAP)	October 15, 1980
VHAPTO-1 / SD78-SH-0196 Space Shuttle Orbiter Operation and Maintenance Document Lifting Fixture Set-OMS/RCS POD H70-0679 (MC183-0102)	October 20, 1980
SD72-SH-0124CR Space Shuttle Integrated Program Interface Control Document (ICD) Status List	October 28, 1980
SSV80-69 System Integration Management Review No. 64	October 29, 1980
SSV80-70 Orbiter Management Review No. 98 Shuttle Orbiter Division - Downey (Telecon)	October 30, 1980
STS-80-0033-7 STS Payload & Cargo Integration 533M NAS9-14000 Containing September 1980 Progress Through 9-26-80	October 31, 1980
SD75-SH-0168-68 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	October 31, 1980
NASA Contractor Report 160861 Shuttle Considerations for the Design of Large Space Structures, J.A. Roebuck Jr. Contract NAS9-15718	November 1980
SD75-SH-0003M Book 2 of 4, Orbiter Vehicle 102 Orbital Flight Test Configuration Critical Items List ECLSS / Power Systems	November 1, 1980

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SD74-SH-0222-AA-1 Orbiter Subsystem Certification Status Report	November 1, 1980
VMEUBO-1 / SOD80-0374 Space Shuttle Orbiter Operation and	November 1, 1980

Maintenance Document, ARS Quick Disconnect / Filter Support Model S70-0793, P/N GW70-580793

SD-75-SH-0116-64 Orbiter Detail Weight Statement November 2, 1980

SD-72-SH-0120-96 Space Shuttle Orbiter Mass Properties Status Report November 2, 1980

SSV80-71 Entry Dynamic Stability Test Final Summary November 3, 1980

SSV80-76 Entry Flight Control System Review November 24 & 25, 1980

SD72-SH-0124CS Space Shuttle Integrated Program Interface Control Document (ICD) Status List November 25, 1980

STS-80-0033-8 STS Payload & Cargo Integration 533Q, NAS9-14000, Containing October 1980 Progress Through 10/31/80 November 25, 1980

STS 80-0207-4 NAS9-14000, Schedule D, 533 NASA Form 533 Contractor Financial Management Report November 25, 1980

SD75-SH-0168-69 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status November 28, 1980

Issue: Are Engines Required for Orbiter Delta Integrated Test December 1980

IRD TM-343T2 Orbiter Thermal Protection System (TPS) Development Test Plan Status December 1980

SD76-SH-0216-039 Bimonthly Progress Report for IUS / Shuttle Integration December 1980

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SOD80-0087 C Shuttle support Equipment Utilization Report, Report Number 2604-01-03/06, Operational / Design Development Test and Evaluation, Orbiter Program December 1, 1980

VMEDRO-1, Formerly VMETGO-1 / SD78-SH-0096A Space Shuttle Orbiter Operation and Maintenance Document, OMS Engine Throat Plug Set Model A70-0950 (MC250-0022) December 1, 1980

V56000-1 / STS81-0252 Space Shuttle Orbiter Operation and Maintenance Document, Attachment / Separation Subsystem Part I December 1, 1980

SD74-SH-0222-AA-2 Orbiter Subsystem Certification Status Report December 1, 1980

SD-75-SH-0116-65 Orbiter Detail Weight Statement December 2, 1980

SD-72-SH-0120-97 Space Shuttle Orbiter Mass Properties Status Report December 2, 1980

SSV80-78 Orbiter Management Review No. 99, Shuttle Orbiter Division - Downey (Telecon) December 4, 1980

SD75-SH-0072BQ Orbiter Project Interface Control Document (ICD) Status List December 9, 1980

VMEAMO-1 / STS81-0262 Space Shuttle Orbiter Operation and Maintenance Document, Landing Gear Special Tools, Model A70-0601 P/N GW70-500601, Model A70-0696 P/N GW70-500696, Model A70-0769 P/N GW70-500769 December 15, 1980

VHARBO-1 / STS81-0264 Space Shuttle Orbiter Operation and December 15, 1980

	Maintenance Document, Forward Reaction Control System Propellant Tank Handling Fixture Model H70-0681, P/N GW70-430681	
	MJ072-0005A Specification Change Notices 5-0221, 5-0227, 5-0229 Requirements / Definition Document Ground Support Equipment Change #14	December 15, 1980
	SD72-SH-0124CT Space Shuttle Integrated Program Interface Control Document (ICD) Status List	December 18, 1980
SubHeading:	Box Number: 63	
	Space Shuttle Program System Integration Readiness Review	December 18, 1980
	SSV80-84 OV-102 VAB Rollout Review, Level III Board Presentation, Level II/I Board Presentation	December 22, 1980
	STS-80-0039-9 STS Payload & Cargo Integration 533M, NAS9-14000 Containing November 1980 Progress Through 11-28-80	December 25, 1980
	STS 80-0207-5 NAS9-14000 Schedule D, 533 NASA Form 533 Contractor Financial Management Report	December 25, 1980
	SD 73-SH-0203-90 NAS9-14000 Schedules A and B, 533/STARR NASA Form 533 Contractor Financial Management Report / Schedule, Technical, and Resources Report	December 25, 1980
	SD74-SH-0222-AB Orbiter Subsystem Certification Status Report	January 1, 1981
	VHAMVO-1 / STS81-0130 Space Shuttle Orbiter Operation and Maintenance Document, PRSD Cryo Tank Handling Fixture Model H70-0627 P/N GW70-540627	January 1, 1981
	VHYHOO-1 / STS81-0261 Space Shuttle Orbiter Operation and Maintenance Document, Landing Gear Hydraulic Servicing Unit Model S70-0645 P/N ME901-0790	January 1, 1981
	VHYNOO-1 / STS81-0286 Space Shuttle Orbiter Operation and Maintenance Document, Entrapped Fluid Removal Unit Model S70-0772 P/N GW70-680772	January 1, 1981
	VDCHOO-1 / STS81-0259 Space Shuttle Orbiter Operation and Maintenance Document, Power Reactant Storage and Distribution Electrical Control and Monitor Unit Model C70-0856 P/N GW70-760856	January 1, 1981
	SD-75-SH-0116-66 Orbiter Detail Weight Statement	January 2, 1981
	SD-72-SH-0120-98 Space Shuttle Orbiter Mass Properties Status Report	January 2, 1981
SubHeading:	Box Number: 64	
	SD75-SH-0168-70 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	January 2, 1981
	STS 80-0180B Space Transportation System Wet Countdown Demonstration Test and Flight Readiness Firing Test Plan	January 8, 1981
	STS80-0208D Shuttle System Integration Engineering Master Schedule	January 9, 1981
	STS Integration & Operations, Deviations and Waivers	January 9, 1981

	SD75-SH-0072BR Orbiter Project Interface Control Document (ICD) Status List	January 13, 1981
	Shuttle Derived Launch Vehicle (SDLV) Summary of Candidate Concepts for STS Backup (Proprietary Information)	January 15, 1981
	SD73-SH-0221BJ Space Shuttle Program Baseline Activity Index and Status Report	January 22, 1981
	SSV81-2A Flight Readiness Firing (FRF) Level II/I Presentation	January 22, 1981
SubHeading:	Box Number: 65	
	STS-80-0033-10 STS Payload & Cargo Integration 533M NAS9-14000 Containing December 1980 Progress Through 1/2/81	January 25, 1981
	SD72-SH-0124CU Space Shuttle Integrated Program Interface Control Document (ICD) Status List	January 27, 1981
	SSV81-3 Orbiter Management Review No. 100 Shuttle Orbiter Division - Downey (Covering November - December 1980)	January 27, 1981
	SSV81-4 System Integration Management Review No. 66	January 28, 1981
	SSV81-2B Test Readiness Review for Flight Readiness Firing (FRF)	January 29, 1981
	SSV81-2B Test Readiness Review for Flight Readiness Firing (FRF) Errata and Updates	January 29, 1981
	SD75-SH-0168-71 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	January 30, 1981
	IRD TM-343T2 Orbiter Thermal Protection System (TPS) Development Test Plan Status	February 1981
	SD74-SH-0222-AB-1 Orbiter Subsystem Certification Status Report	February 1, 1981
SubHeading:	Box Number: 66	
	SD-72-SH-0120-99 Space Shuttle Orbiter Mass Properties Status Report	February 2, 1981
	SD-75-SH-0116-67 Orbiter, Orbiter Weight Statement	February 2, 1981
	SD75-SH-0072BS Orbiter Project Interface Control Document (ICD) Status List	February 10, 1981
	SD73-SH-0112-N Orbiter Subcontracts Geographic Distribution	February 13, 1981
	SD72-SH-0124CV Space Shuttle Integrated Program Interface Control Document (ICD) Status List	February 25, 1981
	SD 73-SH-0203-92 NAS9-14000 Schedules A and B 533/STARR NASA Form 533 Contractor Financial Management Report / Schedule, Technical, and Resources Report	February 25, 1981
	STS-80-0033-11 STS Payload & Cargo Integration 533Q NAS9-14000 Containing January 1981 Progress through 1/30/81	February 25, 1981
	STS 80-0207-7 NAS9-14000 Schedule D, 533, NASA Form 533 Contractor Financial Management Report	February 25, 1981
	SD75-SH-0168-72 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	February 27, 1981
	VMEDRO-1 Formerly VMETGO-1 /	February 27, 1981

	SD78-SH-0096A Space Shuttle Orbiter Operation and Maintenance Document, OMS Engine Throat Plug Set Model A70-0950 (MC250-0022) Change Notice	
	STS 81-0322 Test Requirements for the 6.4 Percent Scale Thrust Augmented SSLV Acoustic / Overpressure Tests at MSFC	March 1981
	SD74-SH-0222-AB-2 Orbiter Subsystem Certification Status Report	March 1, 1981
SubHeading:	Box Number: 67	
	STS 80-0014 B Space Shuttle Support Equipment Utilization Report, Report Number 2604-01-01/08, Shuttle NASA/DOD Operational Program (Detail Report)	March 1, 1981
	SD-72-SH-0120-100 Space Shuttle Orbiter Mass Properties Status Report	March 2, 1981
	SD-75-SH-0116-68 Orbiter Detail Weight Statement	March 2, 1981
	SD75-SH-0072-BT Orbiter Project Interface Control Document (ICD) Status List	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 2, Basis for Claim	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3, Cost Proposal, Book 1 of 8 Summary	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3 Cost Proposal, Book 2 of 8, Schedule Extension and Economic Rate Effects	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3, Cost Proposal, Book 5 of 8 Certification / Qualification and Verification Effects	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3, Cost Proposal, Book 6 of 8, Other Subsystem Effects, Section 2 Items 6 Through 13	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program, Program Adjustment Proposal, Volume 3, Cost Proposal, Book 6 of 8, Other Subsystem Effects, Section 3 Items 14 Through 21	March 10, 1981
SubHeading:	Box Number: 68	
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Volume 3, Cost Proposal, Book 6 of 8, Other Subsystem Effects, Section 4 Items 22 Through 25	March 10, 1981
	SOD 80-0345 Shuttle Orbiter Program Program Adjustment Proposal, Factfinding / Negotiating Data Record	March 11, 1981
	Flight Readiness Firing Post-Test Report	March 11, 1981
	SD75-SH-0003M Change Package No. 2, Changes to OV-102 OFT Critical Items List	March 20, 1981
	SD72-SH-0124 CW Space Shuttle Integrated Program Interface Control Document (ICD) Status List	March 24, 1981
	STS 80-0207-8 NAS9-14000 Schedule D, 533 NASA Form 533 Contractor	March 25, 1981

	Financial Management Report	
	SD 73-SH-0203-93 NAS9-14000 Schedules A and B 533/STARR NASA Form 533 Contractor Financial Management Report / Schedule, Technical, and Resources Report	March 25, 1981
	SD74-SH-0222-AC Orbiter Subsystem Certification Status Report	April 1, 1981
	VHAHEO-1 / STS81-0341 Space Shuttle Orbiter Operation and Maintenance Document, Rudder Actuator Sling Model H70-0549, P/N GW70-540549 and Elevon Actuator Sling Model H70-0550 P/N GW70- 540550	April 1, 1981
	VANMOO-1 / STS81-0405 Space Shuttle Orbiter Operation and Maintenance Document, Elevon Actuator Rigging and Measurement Set Model A70-0785 P/N GW70- 500785	April 1, 1981
	SD-72-SH-0120-101 Space Shuttle Orbiter Mass Properties Status Report	April 2, 1981
	SD-72-SH-0116-69 Orbiter Detail Weight Statement	April 2, 1981
	SD75-SH-0072BU Orbiter Project Interface Control Document (ICD) Status List	April 14, 1981
	VHAPBO-1 / STS81-0359 Space Shuttle Orbiter Operation and Maintenance Document, Body Flap Sling, Model H70-0659 P/N GW70- 009300	April 15, 1981
	SD72-SH-0124CX Space Shuttle Integrated Program Interface Control Document (ICD) Status List	April 28, 1981
SubHeading:	Box Number: 69	
	VMECBO-1 Formerly VMEPOO / SD78-SH-0039A Space Shuttle Orbiter Operation and Maintenance Document, Nose Landing Gear Door Jury Strut Set Model A70-0732, P/N GW70-500732	May 1, 1981
	SD75-SH-0168-74 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	May 1, 1981
	SD74-SH-0222-AC-1 Orbiter Subsystem Certification Status Report	May 1, 1981
	VHAAMO-1 / STS81-0380 Space Shuttle Orbiter Operation and Maintenance Document, Variable Access Stand Model A70-0562, P/N GW70-500562	May 1, 1981
	SD-75-SH-0116-70 Orbiter Detail Weight Statement	May 2, 1981
	SD75-SH-0072 BV Orbiter Project Interface Control Document (ICD) Status List	May 12, 1981
	VHAWJO-1 / STS81-0397 Space Shuttle Orbiter Operation and Maintenance Document, Payload Attach Fittings, Sling Set Model H70- 0850, P/N GW70-540850	May 15, 1981
	VANPOO-1 / STS81-0438 Space Shuttle Orbiter Operations and Maintenance Document, Brake and Rudder Pedals Checkout and Rigging Set, Model A70-0787 P/N GW70- 500787	May 15, 1981
	SD 73-SH-0203-95 NAS9-14000 Schedules A and B, 533/STARR,	May 28, 1981

	NASA Form 533 Contractor Financial Management Report / Schedule, Technical, and Resources Report	
	SD75-SH-0168-75 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	May 29, 1981
	SD-75-SH-0116-71 Orbiter Detail Weight Statement	June 2, 1981
	SD-72-SH-0120-103 Space Shuttle Orbiter Mass Properties Status Report	June 2, 1981
	SD75-SH-0072 BW Orbiter Project Interface Control Document (ICD) Status List	June 9, 1981
	VTEUOO-1 Formerly VTEDEO-1 / STS78-SH-0101A List of Page Changes, Space Shuttle Orbiter Operation and Maintenance Document Nose Wheel Steering System Test Set Model C70-0769 (MC409-0039)	July 1, 1981
SubHeading:	Box Number: 70	
	SD74-SH-0222-AD Orbiter Subsystem Certification Status Report	July 1, 1981
	SD75-SH-0168-76 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	July 3, 1981
	SD75-SH-0072BX Orbiter Project Interface Control Document (ICD) Status List	July 14, 1981
	SSV81-46 Space Shuttle Review for the Office of Management and Budget	July 29, 1981
	SD75-SH-0168-77 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	July 31, 1981
	SD74-SH-0222-AD-1 Orbiter Subsystem Certification Status Report	August 1, 1981
SubHeading:	Box Number: 71	
	SD-72-SH-0120-105 Space Shuttle Orbiter Mass Properties Status Report	August 2, 1981
	SD 74-SH-0336A Space Shuttle Technical Manual, Orbiter Crash and Rescue Information (Contains Safety Critical Procedures)	August 3, 1981
	STS 81-0553 Orbiter Integrated Test (STS-2) Post-Test Report	August 12, 1981
	Program Adjustment Proposal, Discussions at JSC	August 17, 1981
	SD75-SH-0168-78 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	August 28, 1981
	VFRJOO-1, Formerly VFRBOO-1 / SD78-SH-0158A Space Shuttle Orbiter Operation and Maintenance Document, Ground Coolant Unit, Model S70-0508, P/N MC901-0772	September 1, 1981
	SD74-SH-0222-AD-2 Orbiter Subsystem Certification Status Report	September 1, 1981
SubHeading:	Box Number: 72	
	SD75-SH-0072 BZ Orbiter Project Interface Control Document (ICD) Status List	September 8, 1981
	VPEHNO-1 / STS81-0395 Space Shuttle Orbiter Operation and Maintenance Document, Star Tracker Light Shade Cover Model A70-1019, P/N GW70-501019	September 15, 1981
	VMERMO-1 / STS81-0525 Space Shuttle Orbiter Operation and Maintenance Document, Left Hand	September 15, 1981

APU Scupper Support, Model S70-0757 P/N GW70-580757	
SD-72-SH-0120-107 Space Shuttle Orbiter Mass Properties Status Report	October 2, 1981
STS81-0636 Shuttle / Centaur System Requirements Review, Volume II, Shuttle / Centaur Integrated Program Plan (Preliminary)	October 5, 1981
SD75-SH-0072 CA Orbiter Project Interface Control Document (ICD) Status List	October 13, 1981
SD75-SH-0168-80 Flight Systems Laboratories (FSL) Test Discrepancy Report (TDR) Summary Status	October 30, 1981
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VPECHO-1 / STS81-0678 Space Shuttle Orbiter Operation and Maintenance Document, Orbiter Access Protective Cover Set, Model A70-0657 P/N GW70-011001	November 15, 1981
VHYCOO-1 / STS81-0691 Space Shuttle Orbiter Operation and Maintenance Document, MPS Servoactuator Torque Device Model A70-0733 P/N GW70-500733	November 15, 1981
VUMFOO-1 / STS81-0587 Space Shuttle Orbiter Operation and Maintenance Document, LH2 Checkout Umbilical Carrier Plate, Model C70-0688 P/N GW70-520688	December 1, 1981
VTEBOO-1 / STS81-0686 Space Shuttle Orbiter Operation and Maintenance Document, Brake and Skid Control System Speed Sensor Simulator Model A70-0771, P/N GW70-60071	December 15, 1981
SSV82-35 Space Transportation System Orbiter Fleet Planning	1982(?)
VFRGOO-1 / SD78-SH-0092 Space Shuttle Orbiter Operation and Maintenance Document, Freon Coolant Servicing Unit, Model S70-0507 P/N GW70-680507	January 1, 1982
VMEGVO-1 / STS82-0056 Space Shuttle Orbiter Operation and Maintenance Document, Special Mating Tool Set Assembly Model A72-1015 P/N GW72-501015, Includes Following Models A72-1014, P/N GW72-501014 A72-1016, P/N GW72-501016 A72-1020, P/N GW72-501020 H72-1003, P/N GW72-541003 H72-1009, P/N GW72-541009	January 1, 1982
VHAXGO-1 / STS82-0057 Space Shuttle Orbiter Maintenance Document, Aft Support Fitting Sling Model H72-1005 P/N GW72-541005	January 1, 1982
VHAMMO-1 / STS82-0265 Space Shuttle Orbiter Operation and Maintenance Document, Forward Reaction Control Subsystem Module Sling Model H70-0598 P/N GW70-430598	January 1, 1982
V72000-1 / STS82-0335 Space Shuttle Orbiter Operation and Maintenance Document, Data Processing Subsystem Part 1	January 1, 1982
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VPEAGO-1 / STS82-0053 Space Shuttle Orbiter Operation and Maintenance Document Mid-Body Horizontal Interior Protection Set Model A70-0575 P/N GW70-005000 and Crew Module Windows Protective Cover Set Model A70-0651 P/N GW70-006200	January 15, 1982
STS 82-0116 OSTA-1 Experiment Payload Integration Final Report	February 1982
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VHAXMO-1 / STS82-0099 Space Shuttle Orbiter Operation and Maintenance Document, Forward Bearing Installation Adapter Model H72-1006 P/N GW72-541006	February 1, 1982
VGNCOO-1 / STS82-0100 Space Shuttle Orbiter Operation and Maintenance Document, Hatch Seals Portable Module Leak Test Unit, Model C70-0749 P/N ME204-0022	February 1, 1982
VHYEOO-1 / STS81-0675 Space Shuttle Orbiter Operation and Maintenance Document, Seal Leakage Indicator Set Assembly Model C70-0771 P/N GW70-620771	February 1, 1982
V55000-1 / STS82-0669 Space Shuttle Orbiter Operation and Maintenance Document, Pyrotechnic Subsystem Part 1	February 1, 1982
SD75-SH-0072CF Orbiter Project Interface Control Document (ICD) Status List	February 8, 1982
SSV82-11 Space Shuttle Ice / Debris Assessment Presented to G. S. Lunney	February 10, 1982
VHANNO-1 / STS82-0098 Space Shuttle Orbiter Operation and Maintenance Document Gas Storage Tank Lifting Fixture Model H70-0649, P/N GW70-008700	February 15, 1982
VTEZOO-1 / STS82-0263 Space Shuttle Orbiter Operation and Maintenance Document Spray Boiler / Flash Evaporator Electrical Checkout Unit Model C70-1153 P/N GW70-701153	February 15, 1982
VTEPOO-1 / STS82-0269 OMS / RCS Electrical Interface Verification Unit Model C70-0586 P/N GW70-7000586	March 1, 1982
SD75-SH-0072CG Orbiter Project Interface Control Document (ICD) Status List	March 8, 1982
VHYTOO-1 / STS82-0121 Space Shuttle Orbiter Operation and Maintenance Document Data Sheet Hydraulic Main Pump Drive Adapter Unit Model S70-0963 P/N GW70-590963	March 15, 1982
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	VHAGGO-1 / STS82-0267 Space Shuttle Orbiter Operation and Maintenance Document SSME LRU Installation and Removal Fixture Set Assembly Model H70-0528 GW70- 430528	April 1, 1982
	VHAWMO-1 STS82-0291 Space Shuttle Orbiter Operation and Maintenance Document Data Sheet SSME Heatshield Handler Assembly Model H70-0852 P/N GW70-430852	April 1, 1982
	SD75-SH-0072 CH Orbiter Project Interface Control Document (ICD) Status List	April 12, 1982
	VMEGBO-1 / STS82-0004 Space Shuttle Orbiter Operation and Maintenance Document Orbiter Umbilical Carrier Plate Tool Set Model A70-1027 P/N GW70-511027	April 15, 1982
	VHATGO-1 / STS82-0005 Space Shuttle Orbiter Operation and Maintenance Document Orbiter HFT and Ferry flight Sling Model H70-0743 P/N GW70-540743	April 15, 1982
	VUMGOO-1 / STS82-0264 Space Shuttle Orbiter Operation and Maintenance Document LO2 Checkout Umbilical Carrier Plate Model C70- 0689 P/N GW70-520689	April 15, 1982
	VTDTOO-1 / STS82-0325 Space Shuttle Orbiter Operation and Maintenance Document Forward Reaction Control Subsystem Module Transport Set Model H70-0715 P/N GW70-430715	April 15, 1982
	SD72-SH-0124DB Space Shuttle Integrated Program Interface Control Document (ICD) Status List	April 23, 1982
	VMERBO-1 / STS82-0118 Space Shuttle Orbiter Operation and Maintenance Document APU - Fuel Servicing and Flushing Unit Model S70-0613 P/N GW70-420613	May 1, 1982
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	VPEFNO-1 / STS82-0123 Space Shuttle Orbiter Operation and Maintenance Document Water Boiler and Steam Vent Cover Set Model A70- 0792 P/N GW70-500792	May 15, 1982
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VUMWBO-1 / STS82-0351 Space Shuttle Orbiter Operation and Maintenance Document OMS/RCS High-Pressure Helium Quick Disconnect / Filter Assembly Set Model S70-1130 P/N GW70-421130	June 1, 1982
VUMBOO-1 / STS82-0346 Space Shuttle Orbiter Operation and Maintenance Document Orbiter external Tank Feedline Rigging Tools Model A70-0603 P/N GW70-500603	July 1, 1982
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VLHAAO-1 / STS82-0477 Space Shuttle Orbiter Operation and Maintenance Document External Tank LH2 Disconnect Cover Plate Set Model C78-5200 P/N GW78-405200	July 15, 1982
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V34000-1 / STS82-0476 Space Shuttle Orbiter Operation and Maintenance Document Mid Fuselage Subsystem Part 1 * This 100 page document has been scanned	June 1, 1982
V20000-1 / STS82-0529 Space Shuttle Orbiter Operation and Maintenance Document Vertical Stabilizer Structure Subsystem Part 1 * This 39 page document has been scanned	June 1, 1982
V38000-1 / STS82-0639 Space Shuttle Orbiter Operation and Maintenance Document Mid / Aft Fuselage Purge Vent and Drain Subsystem Part 1 * This 118 page document has been scanned	August 1, 1982

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	LO2 Disconnect Cover Plate Set Model C78-5201 P/NGW78-405201	
	VHYBOO-1 / STS82-0548 Space Shuttle Orbiter Operation and Maintenance Document Hydraulic Pump Support Fixture Model A70-0718 P/N GW70-500718	September 1, 1982
	SD72-SH-0120-118 Space Shuttle Orbiter Mass Properties Status Report	September 2, 1982
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	SD72-SH-0120-119 Space Shuttle Orbiter Mass Properties Status Report	October 2, 1982
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SubHeading:	Box Number: 78 SOD79-0002 Book 12 Part III, Shuttle System Data Interfaces Book Orbiter 099 Flight #7 GPC Interfaces	May 30, 1983
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	STS 85-0266 Performance Summary Space Shuttle Program Payload / Cargo Integration Schedule C, April 1985 Through December 1985	January 1986
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	SV71-14 & SV71-15 Space Shuttle Phase B 270 Day Review Summary (NASA Headquarters) & Special Interest Topics	April 22, 1971
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