

SHUTTLE SERIES GRUMMAN DOCUMENTS

The Grumman documents consist largely of reports generated between 1970 and 1981. Most of the documentation, however, consists of Alternate Space Shuttle Concepts documents (1971) and the Shuttle Phase C/D proposal (1972). The documents are arranged in chronological order.

Inventory

SubHeading:	Box Number: 01	
	Space Tug Interim Report (2 Volumes)	February 20, 1970
	Proposal to Accomplish Phase B, Space Shuttle Program	March 30, 1970
	Alternate Space Shuttle Concepts Study, 6 Week Review	August 19-20, 1970
SubHeading:	Box Number: 02	
	Alternate Space Shuttle Concepts Study, Configuration Screening Summary Presentation	September 1970
	Alternate Space Shuttle Concepts Study, Three Month Review	October 15, 1970
	Alternate Space Shuttle Concept Study Presentation	November 17, 1970
	Alternate Space Shuttle Concepts, Mid-Term Report, Vol. I	December 31, 1970
	Alternate Space Shuttle Concepts Study, Five Month Review	December 1970
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	Alternate Space Shuttle Concepts Study, Project Progress and Status Letter	January 1971
	Alternate Space Shuttle Concepts Study Report, Mass Properties, Monthly Status	February 15, 1971
	Alternate Space Shuttle Concepts Study, Project Progress and Status Letter	February 1971
	Low Cost Avionics Baseline	February 1971
	Alternate Space Shuttle Concepts Study Report, Mass Properties, Monthly Status	March 15, 1971
	Structural Test Article (Level 5)	March 26, 1971
	Alternate Space Shuttle Concepts Study, Eight Month Review	March 1971
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	Ground Rules for Estimates	June 9, 1971
	Alternate Space Shuttle Concepts Study, Final Report, Part I Executive Summary & Part II, Technical Summary, Vol. I	July 6, 1971
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	Alternate Space Shuttle Concepts Study, Detail Mass Properties Report, Vol. II Orbiter Weight Substantiation	July 6, 1971
	Alternate Space Shuttle Contract Study, External Hydrogen Tank Orbiter Heat Sink Booster (2 Vols)	July 8, 1971
	Alternate Space Shuttle Concepts Study, Design Requirements and Phased Program Evaluation	September 1, 1971
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	Shuttle Avionics Review and Plans	September 16, 1971
	F-14 Flight Control System Design	Sept. 24, 1971
	Space Shuttle Low Cost / Risk Avionics Study, Management Presentation	October 29, 1971
	Space Shuttle Low Cost / Risk Avionics Study	November 12, 1971
	Definition of Mark I / II Orbiters & Ballistic & Flyback Boosters	November 15, 1971
	Definition of Space Shuttle Program Plan, Study	November 16, 1971
	Space Shuttle Low Cost / Risk Avionics Study	December 10, 1971
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	Shuttle Systems Evaluation and Selection, Phase B Extension, Final Briefing	February 16, 1972
	Space Shuttle System Program Definition, Phase B Extension, Final Briefing	February 22, 1972
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	Shuttle Wing Subcontract Executive Review	July 21, 1976
	Payload Utilization of SEPS, Final Report (3 vols.)	July 1976
	Manned Geosynchronous Mission Requirements & Systems Analysis Study Extension, Volume 1, Executive Summary	February 1981
	Orbiter Based Construction Equipment Study (OBCES) Mid-Term Review	April 30, 1981
	Orbiter Based Construction Equipment Study, Preliminary Design Review, Bethpage	July 6, 7, 8, 1981
	Satellite Services System Analysis Study Volume 2 - Satellite & Services User Model, Volume 2A - Appendix	August 1981
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	Satellite Services System Analysis Study - Volume 5 - Programmatic	August 1981
	Manned Remote Work Station Development Article, Executive Summary	October 1981
	Manned Remote Work Station Development Test Article, Vol. 1 - Open Cherry Picker Development Test Article Simulation Test Program	October 1981
	Interim Manipulator Foot Restraint, Technical / Management Proposal	July 2, 1982