

SHUTTLE SERIES
GENERAL DYNAMICS DOCUMENTS

This subseries consists primarily of documents from General Dynamics Convair Division.
They are arranged chronologically and range from 1967 through 1982.

Inventory

SubHeading:	Box Number: 1	
	Convair Division Presentation Cruise Spacecraft, Report GDC-DCB-67-022	July 7, 1967
	A Study to Determine the Weight and Performance Characteristics of Variable Geometry Spacecraft, Vol. I - Summary GDC-DCB68-012	July 12, 1968
	A Study to Determine the Weight and Performance Characteristics of Variable Geometry Spacecraft, Volume II - Vehicle Development, GDC-DCB68-012	July 12, 1968
	A Study to Determine the Weight and Performance Characteristics of Variable Geometry Spacecraft, Vol. III - Final Vehicle Lines and Flight Mechanics, GDC-DCB68-012	July 12, 1968
	A Study to Determine the Weight and Performance Characteristics of Variable Geometry Spacecraft, Vol. IV - Final Configurations, Thermostructural Design, Subsystems & Weights, GDC-DCB68-012	July 12, 1968
	Reusable Launch Vehicle / Spacecraft Concept, Report No. GDC-DCB-68-017	November 1968
	Space Shuttle Final Technical Report, Vol. 1, Condensed Summary, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Vol. II, Final Vehicle Configurations, GDC-DCB69-046	October 31, 1969
SubHeading:	Box Number: 2	
	Space Shuttle Final Technical Report, NAS9-9207, Vol. III Initial Vehicle Spectrum and Parametric Excursions, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Volume IV Technical Analysis and Performance, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report Volume V Subsystems and Weight Analysis, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Vol. VI Propulsion Analysis and Tradeoffs, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Volume VII Integrated Electronics GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Volume VIII - Mission / Payload and Safety / Abort Analyses, GDC-DCB69-046	October 31, 1969
	Space Shuttle Final Technical Report, Volume IX Ground Turnaround Operations and Facility Requirements, GDC-DCB69-046	October 31, 1969
SubHeading:	Box Number: 3	
	Space Shuttle, An Integral Launch and	November 6, 1969

Reentry Vehicle System, Final Oral
 Technical Review, Report No. GDC-
 DCB-69-049

A Preliminary Investigation of Potential
 Value Loads Alleviation control for
 Space Shuttle Vehicles, GDC-DDE71-
 001 June 30, 1971

Space Shuttle Program Phase B
 Extension Status Review October 22, 1971

Fully Reusable Shuttle November 17, 1971

Compatibility Study of a Cryogenic
 Upper Stage with Space Shuttle Final
 Presentation February 17, 1972

Research and Applications Module
 (RAM) Phase B Study Executive
 Summary, Report, No. GDCA-DDA72-
 009 May 12, 1972

Shuttle / RAM Deployment Mechanism
 Conceptual Design, RAM Phase B
 Study Special Task (7.0) NAS8-27539,
 Concept Review, Evaluation &
 Recommended Selection June 1, 1972

Space Tug Launch Site Service
 Interface Study, Final Presentation March 12, 1973

SubHeading:

Box Number: 4

Space Tug Systems Study (Cryogenic)
 Requirements Assessment Meeting (3
 volumes) April 9, 1973

Life Sciences Payload Definition and
 Integration Study, Cost Data Backup
 Sheets, Contract NAS8-30288 August 1974

Space Transportation System
 Payloads Data and Analysis (SPDA),
 Integrated Payload Support
 Capabilities of the Space
 Transportation System December 1974

Boron / Aluminum Tube Construction
 for Advanced Vehicle Applications March 1975

Space Tug / Shuttle Interface
 Compatibility Study, Executive
 Summary April 23, 1975

Space Tug Avionics Definition Study
 Executive Summary April 23, 1975

Centaur / STS Ground Support
 Systems Description, Report No.
 GDC/LVP79-025 May 14, 1979

Centaur / A High Performance Upper
 Stage for the Space Transportation
 System November 15, 1979

Orbital Transfer Vehicle (OTV)
 Concept Definition Study, Final Study
 Review July 8, 1980

Low Thrust Vehicle Concept Study July 22, 1980

Low Thrust Vehicle Concept Study,
 GDC-ASP-80-010 September 26, 1980

SubHeading:

Box Number: 5

Shuttle / Centaur Orientation at NASA
 LeRC May 27, 1981

Centaur F Technical Description A
 High Performance Upper Stage for the
 NASA Space Transportation System,
 Report CFTD-2 September 1981

Spacecraft Maneuver Module (SMM) August 1982