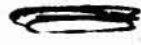


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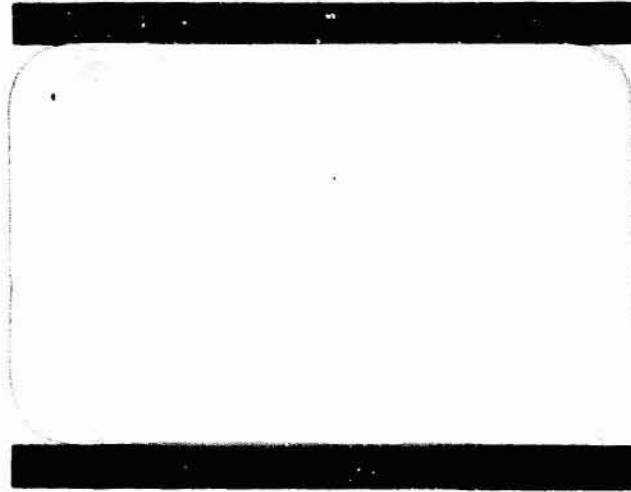
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6 BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT REPORTS ON THE CENTAUR PROGRAM FOR PERIOD 1958 - 1962

(Supersedes AE62-0400 and Supplements -A, -B, & -C)

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Prepared by GENERAL DYNAMICS/ASTRONAUTICS San Diego, California

Prepared by: J.P. Peck

10 T. P. Peck

Approved by: L. Canter

L. Canter, Manager Library and Information Services

Approved by: P.D. Ferrara

P. D. Ferrara Assistant Program Director Engineering - Centaur

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INTRODUCTION

This is a bibliography of Research and Development reports prepared by General Dynamics/-Astronautics and its subcontractors on the Centaur Program and includes those reports known to have been issued in the period from the beginning of the program in November 1958 through December 1962. This bibliography supersedes former bibliographies AE62-0400, and its supplements -A, -B, & -C.

Reports written in 1962 but issued after completion date of this bibliography will be cited in a future publication.

This bibliography has been prepared in accordance with Contract AF18(600)-1775 and Sales Order 12-1-58. Research and Development Reports submitted under the following contracts are included: AF04(647)-635, AF04(647)-699, AF04(647)-700, AF04(647)-815, AF04(647)-924, AF04(695)-2, AF04(695)-50, AF18(600)-1775, AF18(600)-1887, NAS 5-979, SD-76.

This bibliography is arranged in three parts, as follows:

- Part I. - General Dynamics/Astronautics Reports. Arranged by report number.
- Part II. - General Dynamics/Astronautics Reports. Arranged by subject.
- Part III. - Subcontractor Reports. Arranged by report number under name of subcontractor.

Security classification for the reports is indicated by the letters (U), (C), and (S); Unclassified, Confidential, and Secret.

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Test Report

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- AB62-0009.** ERS Test Report, Test Stand 1-1, Centaur Propulsion Test Vehicle, Block 1 Test 2, Runs 11-CO3-12-PTV, 11-CO4-12-PTV. Test Dates: 15-16 February 1962. n.d. 74p. (C)
- AB62-0010.** ERS Test Report, Test Stand 1-1, Centaur Propulsion Test Vehicle, Block 1, Test 3. Runs: 11-CO5-12-PTV, 11-CO6-12-PTV. Test Dates: 26 February and 7 March 1962. n.d. 69p. (C)
- AB62-0011.** ERS Test Report: Test Stand 1-1, Centaur Propulsion Test Vehicle, Block 1, Test 5, Run 11-CO7-15-PTV. Test Date: 16 March 1962. n.d. 68p. (C)
- AB62-0012.** ERS Test Report, Test Stand 1-1, Centaur Propulsion Test Vehicle, Block 1, Test 4, Run 11-CO8-14-PTV. Test Date: 22 March 1962. n.d. 72p. (C)
- AB62-0500-001-02.** Centaur Test Procedure: Instrumentation Precountdown. Mod. 55. C.F. Davenport and J. Derby. 5 October 1962. 26p. (U)
- AB62-0500-002-02.** Centaur Test Procedure: Precountdown - Centaur PTV. Mod. 55. L. Derby. 12 October 1962. 100p. (U)
- AB62-0500-003-02.** Centaur Test Procedure: Countdown - PTV Hot Firing. Mod 55. L. Derby. 15 October 1962. 37p. (U)
- AB62-0500-004-02.** Centaur Test Procedure: Dual Propellant Tanking - PTV. Mod 55. L. Derby. 15 October 1962. 21p. (U)
- AB62-0500-005-02.** Centaur Test Procedure: Countdown - PTV Cold Flow Mod. 55. L. Derby. 30 October 1962. 24p. (U)
- AB62-0500-006-02.** Centaur Test Procedure: Post Countdown PTV. Mod. 55. L. Derby. 31 October 1962. 39p. (U)
- AB62-0501-001-02.** Centaur Test Procedure: Fire Detection System Calibration and Functional Check. Mod 55. J.G. Randquist. 1 October 1962. 9p. (U)
- AB62-0501-002-02.** Centaur Test Procedure: Calibration/Operation of Hi-Freq RDB FM OSC Sub-system. Mod 55. C.F. Davenport. 1 October 1962. 15p. (U)

- AB62-0501-003-02.** Centaur Test Procedure: Calibration/Operation of Lo-Freq RDB FM OSC Subsystems. Mod 55. C.F. Davenport. 1 October 1962. 14p. (U)
- AB62-0501-004-02.** Centaur Test Procedure: Calibration of AM and FM Parameters. Mod 55. C.F. Davenport. 2 October 1962. 24p. (U)
- AB62-0501-005-02.** Centaur Test Procedure: Exactel Servomanometer System Validation and Functional Check. Mod 55. C.F. Davenport. 2 October 1962. 11p. (U). Revised: Revision A (7 November 1962) 12p.
- AB62-0501-006-02.** Centaur Test Procedure: Weighing System Validation. Mod 55. J.G. Randquist. 1 October 1962. 18p. (U)
- AB62-0501-007-02.** Centaur Test Procedure: Orbitron Weighing System Operational Readiness. Mod 55. J.G. Randquist. 1 October 1962. 16p. (U)
- AB62-0501-008-02.** Centaur Test Procedure: Launch Control Meter Calibration. Mod 55. F.H. Lawrence. 8 October 1962. 13p. (U)
- AB62-0501-009-02.** Centaur Test Procedure: Instrumentation X-1 Day Checks. Mod 55. J.G. Randquist. 4 October 1962. 39p. (U)
- AB62-0501-010-02.** Centaur Test Procedure: Data Recording System Validation. Mod 55. J.G. Randquist. 5 October 1962. 71p. (U)
- AB62-0501-011-02.** Centaur Test Procedure: Functional Check and Calibration of Speedmax Type-G 1/N Recorders. Mod. 55. J.G. Randquist and L. Derby. 17 October 1962. 11p. (U)
- AB62-0501-012-02.** Centaur Test Procedure: Brush Recorder Operation Check. Mod. 55. J. G. Randquist and L. Derby. 17 October 1962. 10p. (U)
- AB62-0501-013-02.** Centaur Test Procedure: Data Playback on Sanborn Recorder or Midwestern Oscillograph. Mod. 55. J. G. Randquist and L. Derby. 17 October 1962. 15p. (U)
- AB62-0501-014-02.** Centaur Test Procedure: Operational Checkout of Closed Circuit TV System. Mod. 55. J.G. Randquist and L. Derby. 1 November 1962. 11p. (U)
- AB62-0501-015-02.** Centaur Test Procedure: Interroom System Setup. Mod. 55. J.E. Turner and L. Derby. 2 November 1962. 10p. (U). Revised: Revision A (16 January 1963) 15p.
- AB62-0502-001-02.** Centaur Test Procedure: Liquid Hydrogen Transfer System Validation. Mod. 55. J. Moules and L. Derby. 3 October 1962. 68p. (U)

AB62-0502-002-02. Centaur Test Procedure: Hydrogen Storage Tank Fill. Mod. 55. J.W. Moules and L. Derby. 23 October 1962. 13p. (U)

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- AB62-0506-005-02. Centaur Test Procedure: Electrical Simulated Run. Mod. 55. J.E. Turner and L. Derby. 22 October 1962. 93p. (U)
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AC61-0088. Sycamore Operational Report. Centaur - S4, Tare and Restraint Test 55-94048-1, Test Dates: 16 September 1961 and 18 September 1961. (U)

AC61-0089. Centaur Engine Compartment Heater System Validation Test Stand: S-4, Test Date: 11 September 1961, Issue Date: 19 September 1961. (U)

AC61-0095. Centaur LOX Tanking and Chilldown Validation, Block Zero Test A, Run S1-CCO-01-01. October 1961. (U)

AC61-0099. Sycamore Operations Report Centaur LOX/LH2 Dual Propellant Tanking Block O, Test C, Run S4-CCO-04-01. November 1961. (U)

AC61-0101. Sycamore Operations Report, Centaur S-4 - Tare & Restraint Test. 17 October 1961. (U)

AC61-0102. Sycamore Operations Report, Centaur LOX/LH2 Dual Propellant Tanking and Heat Transfer Determination. December 1961. (U)

AC62-0004. Sycamore Test Report Centaur - S-4, S-4 Coolant and Damage Control Water System Validation 55-94321-1. January 1962. (U)

- AC62-0016. Centaur Vehicle C2, Block O Test Report. April 1962. (U)
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- AC62-0500-010-01. Centaur Static Test Procedure: Precount Operations, Propulsion System, Run S4-CCO-02-X3, Special. Mod 55. D. Bidwell. 26 August 1962. 26p. (U)
- AC62-0500-011-01. Centaur Static Test Procedure: Precount Operations, Propulsion Systems, Run S4-CCO-07-02, LN2/LH2, Special. Mod 55. D. Bidwell. 26 August 1962. 22p. (U)
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- AC62-0500-013-01. Centaur Static Test Procedure: Precount Operations, Propulsion System, Run S4-CCO-02-X2, LO2/LH2, Special. Mod 55. D. Bidwell. 26 August 1962. 24p. (U)
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- AC62-0500-019-01. Centaur Static Test Procedure: Precount Operations, Mechanical Systems, S4-CCO-01-01. Mod 55. D. Bidwell. 26 August 1962. 35p. (U)
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- AC62-0500-021-01. Centaur Static Test Procedure: LH2/LO2, Precount Operations, Mechanical Systems, S4-CO2-02-03, Block 1, Run 1. Mod 55. D. Bidwell. 26 September 1962. 68p. (U). Revised: Revision B (15 October 1962) 69p.

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- AC62-0500-025-01. Centaur Static Test Procedure: LH2/LN2 Tanking, Precount Operations, Propulsion System, Run S4-CO1-03-03, Block O, Run B. D. Bidwell. date? (U). Revised: Revision A (12 September 1962) 42p.
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- AC62-0500-028-01. Centaur Static Test Procedure: Precount Operations, H2O2 Tanking, Run S4-CCO-01-01. Mod 55. D. Bidwell. 26 August 1962. 27p. (U)
- AC62-0500-029-01. Centaur Static Test Procedure: Boost Pump Btl Precount Operations, H2O2 Tanking, Run S4-CO2-02-03. Mod 55. D. Bidwell. 27 August 1962. 24p. (U). Revised: Revision A (2 October 1962) 27p.
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- AC62-0500-032-01. Centaur Static Test Procedure: LH2/LN2 Tanking Postcount Operations, S4-CCO-01-03. Mod 55. D. Bidwell. 6 September 1962. 51p. (U). Revised: Revision A (6 September 1962) 50p.
- AC62-0500-033-01. Centaur Static Test Procedure: LH2/LO2 Tanking Postcount Operations, Run S4-CO2-02-01. Mod 55. D. Bidwell. date? (U). Revised: Revision A (11 October 1962) 55p.

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- AC62-0501-010-01. Centaur Test Procedure: S-4 Weights System Checkout. Mod 55. D.A. Vita and S.I. Sanders. 23 August 1962. (U). Revised: Revision B (14 January 1963) 16p.
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- AC62-0502-005-01. Centaur Test Procedure: Oxidizer Loading System Checkout. Mod 55. J.A. Katherler and S.I. Sanders. 23 August 1962. 16p. (U). Revised: Revision B (16 November 1962) 16p.
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